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Final Report: Results of Environmental Site Investigation at Sylvan Grove, Kansas

Environmental Science Division

USDA United States Department of Agriculture

Work sponsored by Commodity Credit Corporation,
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ANL/EVS/AGEM/TR-14-06

Final Report: Results of Environmental Site Investigation at Sylvan Grove, Kansas

by
Applied Geosciences and Environmental Management Section
Environmental Science Division, Argonne National Laboratory

September 2014

United States Department of Agriculture

Work sponsored by Commodity Credit Corporation,
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Notation

AGEM	Applied Geosciences and Environmental Management
AMSL	above mean sea level
BGL	below ground level
CCC	Commodity Credit Corporation
CD	compact disc
CLP	Contract Laboratory Program
COC	chain of custody
CPT	cone penetrometer
EPA	U.S. Environmental Protection Agency
ft	foot (feet)
FSA	Farm Service Agency
gal	gallon(s)
GC-MS	gas chromatograph-mass spectrometer
gpm	gallon(s) per minute
hr	hour(s)
in.	inch(es)
KDHE	Kansas Department of Health and Environment
µg/kg	microgram(s) per kilogram
µg/L	microgram(s) per liter
$\mu g/m^3$	microgram(s) per cubic meter
MCL	maximum contaminant level
mi	mile(s)
min	minute(s)
NAIP	National Agricultural Imagery Program
QA/QC	quality assurance/quality control
pCi/L	picocurie(s) per liter
ppb	part(s) per billion
PWS	public water supply
RPD	relative percent difference
SDG	sample delivery group
TOC	top of casing
USDA	U.S. Department of Agriculture
VOC	volatile organic compound
yr	year(s)

Final Report: Results of Environmental Site Investigation at Sylvan Grove, Kansas

1 Introduction

Sylvan Grove is located in western Lincoln County, approximately 60 mi west of Salina, Kansas (Figure 1.1). From 1954 to 1966, the Commodity Credit Corporation (CCC), an agency of the U.S. Department of Agriculture (USDA), operated a grain storage facility at the northeastern edge of Sylvan Grove. During this time, commercial grain fumigants containing carbon tetrachloride were in common use to preserve grain in storage. In 1998, the Kansas Department of Health and Environment (KDHE) found carbon tetrachloride above the maximum contaminant level (MCL) of 5 μg/L in groundwater from one private well used for livestock and lawn and garden watering. The 1998 KDHE sampling at Sylvan Grove was conducted under the USDA private well sampling program.

To determine whether the former CCC/USDA facility at Sylvan Grove is a potential contaminant source and its possible relationship to the contamination in groundwater, the CCC/USDA proposed to conduct an environmental site investigation, in accordance with the Intergovernmental Agreement between the KDHE and the Farm Service Agency (FSA) of the USDA.

Argonne National Laboratory, on behalf of the CCC/USDA, developed a work plan (Argonne 2012) for the site investigation and a supplemental work plan for indoor and ambient air sampling (Appendix A). The proposed work was approved by the KDHE (2012a, 2013).

The investigations were performed by the Environmental Science Division of Argonne National Laboratory, on behalf of the CCC/USDA. The main activities for the site investigation were conducted in June 2012, and indoor and ambient air sampling was performed in February 2013. This report presents the findings of the investigations at Sylvan Grove.

1.1 Background and Previous Investigations

Sylvan Grove, Kansas, is a small rural city located in western Lincoln County, in Sections 11-14; Township 12 South; Range 10 West. The city has numerous small businesses

and local agricultural services. The city also hosts the Sylvan-Lucas Unified High School, a medical clinic, a museum, a library, churches, and a historical society.

The 2010 Census recorded 279 residents in 138 households in the city of Sylvan Grove. The city is governed by a mayor and a city council. The residents of the city are served by a public water supply system that obtains its water from two groundwater wells (PWS5 and PWS6) located 2,800 ft southwest of the former CCC/USDA facility (Figure 1.2). No carbon tetrachloride has been found in the public wells, on the basis of communications with the Sylvan Grove utilities superintendent (Blasé 2012) and previous test results (Argonne 2012).

Several historical groundwater sampling events and investigations for volatile organic compounds (VOCs) in groundwater have been conducted by the KDHE at Sylvan Grove. The main investigation activities have been as follows (Argonne 2012):

- Private well sampling in January and March 1998, as a part of the statewide USDA private well sampling program.

- A pre-CERCLIS site reconnaissance and evaluation in August 1998.

- Private well sampling in April 2006, as a part of the statewide USDA private well sampling program.

In 2012, Argonne reviewed and evaluated results of previous KDHE investigations, historical documents, and regional and local geologic information (Argonne 2012). The main findings of this review are summarized as follows:

- Groundwater contamination associated with grain fumigant-related carbon tetrachloride was identified at one private livestock/lawn and garden well (Kingery) at concentrations of 18.2-33.6 µg/L. The well is located 50 ft west of the former CCC/USDA facility (Figure 1.3). Elevated nitrate levels were also detected at the Kingery well (81.5 mg/L) and the Chris Meyer well (24.08 mg/L).

- In 1998, shallow subsurface soil samples were collected at depths of 8.5-18.5 ft below ground level (BGL) at six locations across the former

CCC/USDA facility. A low level of carbon tetrachloride detected in one soil sample (28 µg/kg) during field screening was not confirmed by the off-site analytical laboratory (Figure 1.4).

- The local geologic sequence likely consists of an undifferentiated Quaternary loess unit (silt and clay) with possible local basal colluvium that unconformably overlies the Cretaceous Dakota Formation — a shale unit with lenticular beds of sandstone that yields a moderate quantity of water.

- Regionally, groundwater in Lincoln County flows mainly to the Saline River valley system, about 4,000 ft south of the former CCC/USDA facility. A previous investigation at the Falcon Service station site indicated a generally southward flow direction in the shallow groundwater (GeoStat 2011).

- From 1954 to 1966, the CCC/USDA operated a grain storage facility with 30 circular bins on a two-acre property near the northern edge of the city of Sylvan Grove (Figure 1.2). The former facility is now owned by Ryan and Heather Wolting, who recently built a new house on the property.

- The city of Sylvan Grove provides a public water supply from two water wells (PWS5 and PWS6) located 2,800 ft southwest of the former CCC/USDA facility. Both wells have been routinely tested for VOCs by the KDHE laboratory. No contamination has been identified (Blasé 2012).

1.2 Objectives of the Environmental Site Investigation

The Sylvan Grove environmental site investigation was conducted in accordance with the work plans (Argonne 2012 and Appendix A) approved by the KDHE (2012a, 2013). The primary goals of the investigation were to (1) identify and characterize any subsurface contamination associated with the former CCC/USDA facility and determine its relationship to the groundwater contamination found in the Kingery private (livestock/lawn and garden) well adjacent to the former facility and (2) generate data for the estimation of potential risks to human health and the environment. The results of the investigation provide the basis for determining whether response actions are warranted.

To meet the investigational goals, the primary technical objectives of the investigation at Sylvan Grove were as follows:

- Evaluate the potential for a source of carbon tetrachloride at the former CCC/USDA facility.

- Determine the relationship of potential contamination at the former CCC/USDA facility (if present) to contamination identified in 1998 in groundwater samples from one private well (Kingery) to the west.

- Delineate the extent of potential contamination associated with the former CCC/USDA facility.

- Assess indoor air in the residential structures located within or adjacent to the defined extent of the carbon tetrachloride contamination.

1.3 Field Investigation Activities

The main field investigation was conducted in July 2012 in accord with the site-specific environmental investigation work plan (Argonne 2012) approved by the KDHE (2012a). The work was fully consistent with the standard operating procedures, quality assurance/quality control (QA/QC) measures, and general health and safety policies outlined in the *Master Work Plan* (Argonne 2002). A groundwater monitoring network was established at the end of the field activities. Monitoring of the water level fluctuations in the perched groundwater-bearing zone in the loess unit and in the shallow and deep groundwater zones identified during the investigation was continued to evaluate seasonal variations. Water level data were most recently collected on April 10, 2013.

In addition to the main field activities in July 2012, a sampling event for the assessment of indoor air and ambient air was conducted during February 2013.

1.4 Organization of This Report

This report documents the data acquired during the site investigation. Section 1 presents background information, investigational objectives, and a summary of field activities. Section 2 describes the investigative methods used, and Section 3 presents the results of all investigative activities. Section 4 discusses and interprets the results in the context of the specific technical objectives outlined in Section 1.2. Section 5 summarizes the findings of the investigation.

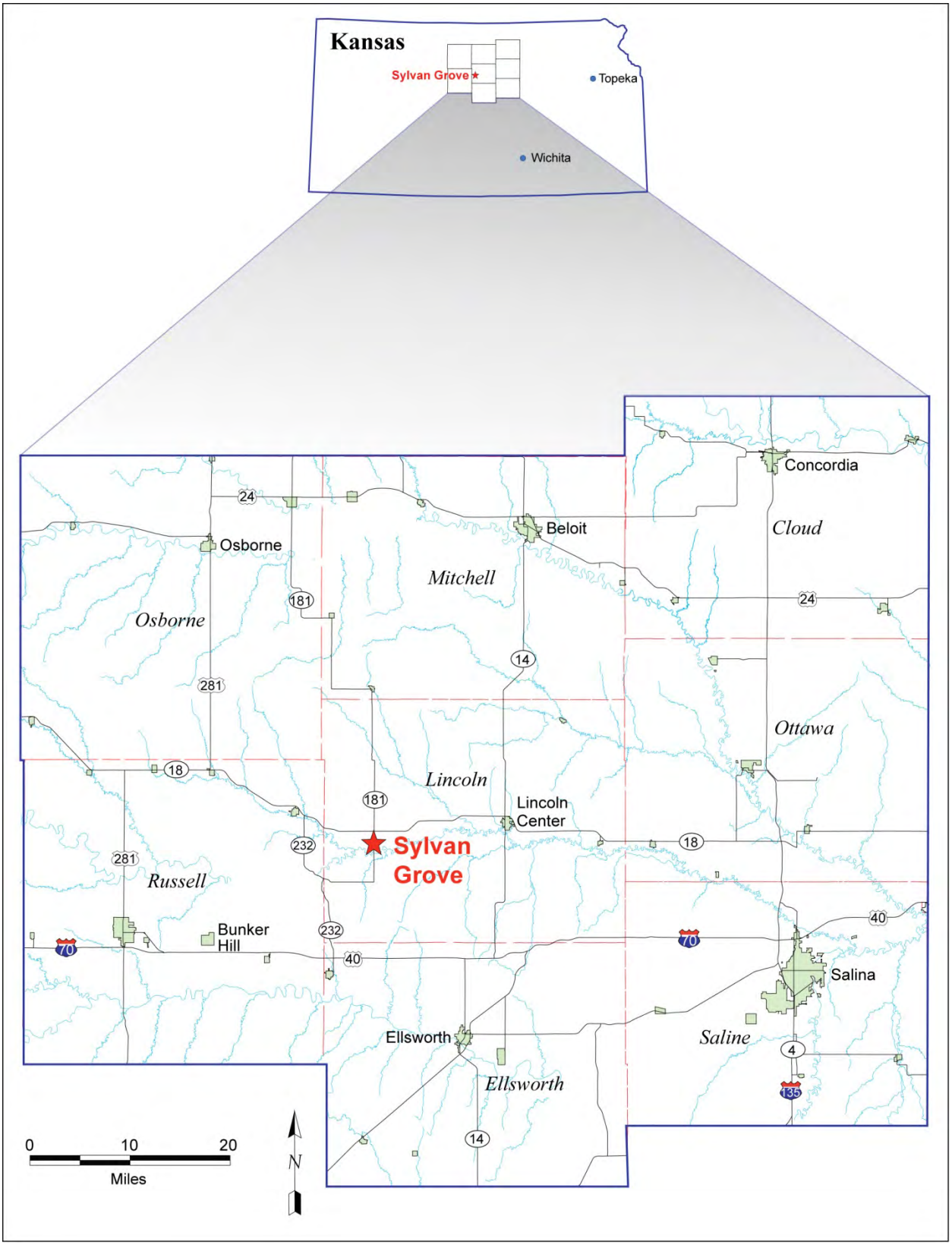

FIGURE 1.1 Location of Sylvan Grove, Kansas.

FIGURE 1.2 Locations of the former CCC/USDA facility, adjacent private wells, public water supply wells, and other contaminated sites. Source of photograph: USDA (2010).

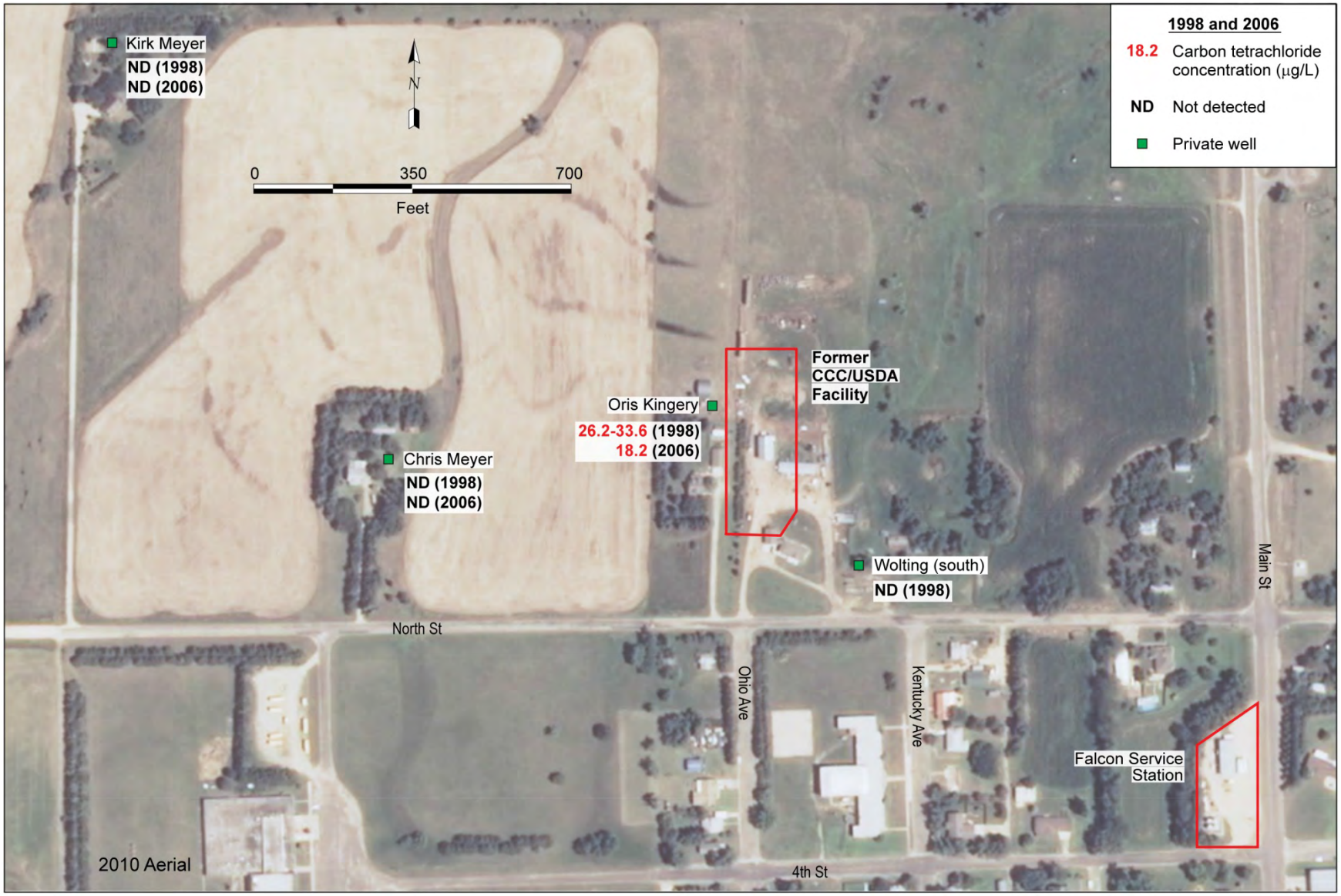

FIGURE 1.3 Historical analytical results for carbon tetrachloride in groundwater samples collected by the KDHE in 1998 and 2006 from four private wells near the former CCC/USDA facility. Source of photograph: USDA (2010).

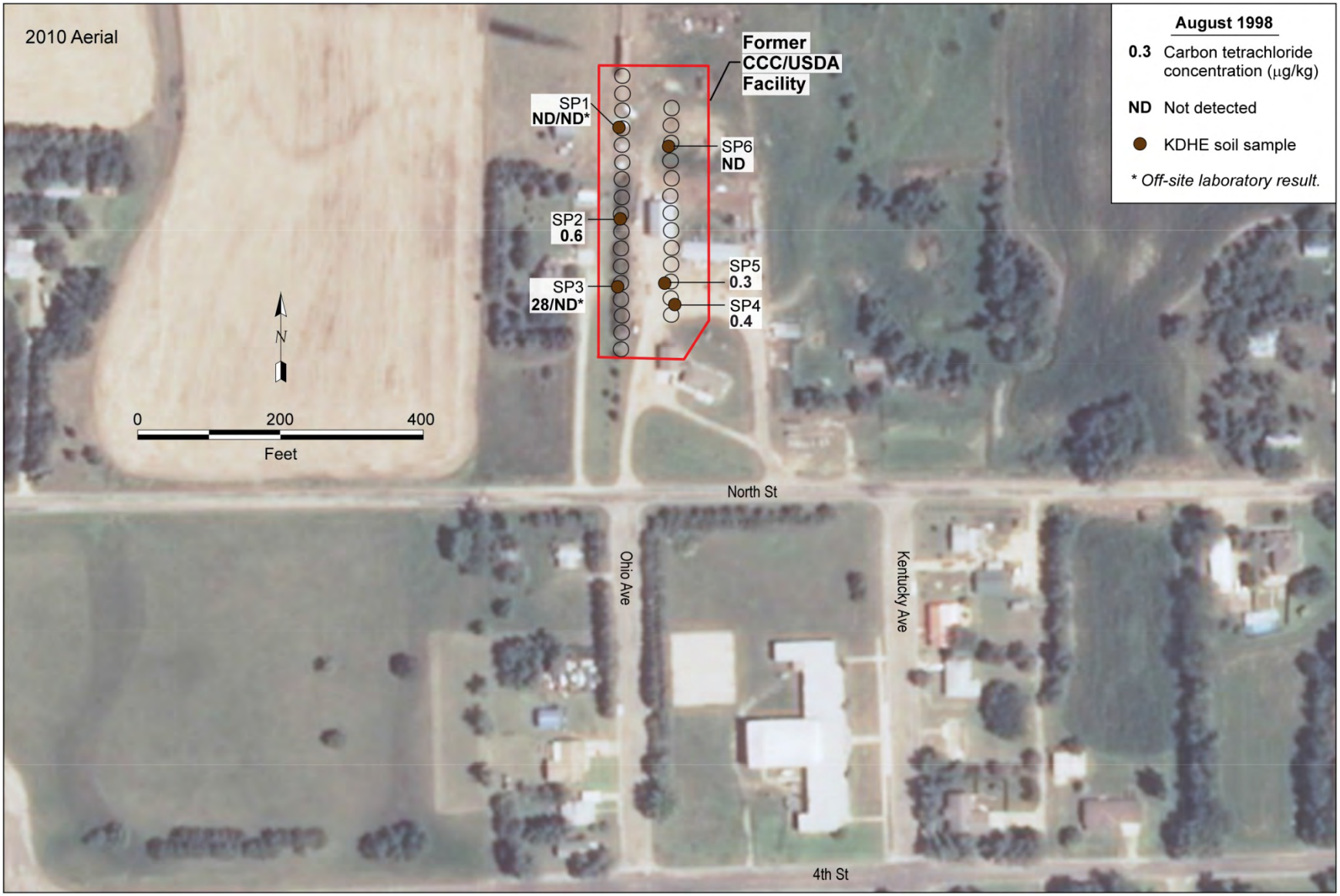

FIGURE 1.4 Analytical results for soil samples collected by the KDHE in August 1998 at the former CCC/USDA facility. Source of photograph: USDA (2010).

2 Investigative Methods

This section discusses the methods used to implement the environmental site investigation and achieve the specific technical objectives specified in Section 1.2. Individual activities were performed in accord with the site-specific work plans (Argonne 2012 and Appendix A) and the *Master Work Plan* (Argonne 2002). Detailed procedures are not repeated here.

Throughout the field investigations, a comprehensive QA/QC program was implemented to confirm the reliability of all information as it was accumulated. The results of implementation of the QA/QC program are discussed in Section 3.9.

2.1 Methods to Identify a Potential Soil Source of Carbon Tetrachloride in the Vadose Zone beneath the Former CCC/USDA Facility

The investigation activities to identify a potential soil source of carbon tetrachloride focused on the former CCC/USDA facility, which was located on the present Wolting property. To ensure that all soil sources and soil-to-groundwater pathways were identified, soil sampling was conducted at six locations (SB01-SB05 and SB06/SB10) across the former CCC/USDA facility and one location (SB07) at the nearby contaminated private well on the Kingery property (Figure 2.1), as proposed in the site investigation work plan (Argonne 2012). Of the six locations sampled on the former facility, three (SB04, SB06/SB10, and SB05) were along the western row of former grain storage bins, two along the eastern row (SB03 SB02) of bins, and one along the traffic path (SB01) in between the rows.

Continuous vertical soil profiling was conducted at each sampling location through the vadose zone to the depth of the first groundwater-bearing zone identified beneath the former CCC/USDA facility. A sonic drilling rig was used to collect soil samples every 4 ft or at changes in soil lithology or core recovery conditions. All soil samples were analyzed for VOCs by a purge-and-trap analysis (U.S. Environmental Protection Agency [EPA] Methods 5030B and 8260B). The analytical results were evaluated to determine whether carbon tetrachloride was present in soil as a potential contaminant source.

In addition, vegetation sampling, as an indirect measurement of contamination, was conducted at a potential source area with existing trees. Argonne's previous studies indicate that

the plants can take up VOCs such as carbon tetrachloride from subsurface soil and groundwater through evapotranspiration processes during the growing season. A high level of contamination in plant tissues could be a positive indicator of contamination in subsurface soil or shallow groundwater. Fifteen vegetation samples (SY01-SY15) were collected in a grove of trees planted along the former western row of grain bins on the Wolting property (SY01-SY06 and SY14), from trees surrounding the residence on the Kingery property (SY07-SY13), and from a tree downgradient (SY15) from the former CCC/USDA facility. The vegetation sampling locations are shown in Figure 2.2.

All vegetation samples were analyzed for carbon tetrachloride and chloroform at the Applied Geosciences and Environmental Management (AGEM) Laboratory, Argonne, Illinois, by using a modification of the protocol in EPA Method 5021 (headspace analysis by gas chromatography with electron capture detection) to achieve the low detection limits required (Alvarado and Rose 2004). The analytical results were used to determine the presence and extent of any carbon tetrachloride in the vegetation, reflecting potential contamination in the near-surface soils and/or perched groundwater zone.

2.2 Methods to Characterize the Site-Specific Geology and Hydrogeology

As indicated in the site investigation work plan (Argonne 2012), the major local geologic units underlying the former CCC/USDA facility were expected to be (1) an undifferentiated Quaternary loess unit (silt and clay) and (2) the underlying Cretaceous Dakota Formation, a shale unit with lenticular beds of sandstone, which yields a moderate quantity of water. The focus of the investigation was to obtain detailed information on the lithology of the major stratigraphic units and the characteristics of the groundwater-bearing zone(s) hosted by the units.

2.2.1 Methods to Identify the Local Stratigraphic Units

A deep boring was advanced by using a sonic drilling rig at SB07 (Figure 2.1), adjacent to the contaminated private well at the Kingery residence. The investigative boring was advanced, under the direction of Argonne personnel, by Boart-Longyear. A sonic drilling rig was used to obtain nominal 4-in.-diameter core. The core was described in accord with procedures in the *Master Work Plan* (Argonne 2002) and archived at the Argonne storage facility in Lincoln, Nebraska.

During the deep boring at SB07, continuous core was collected to a depth of 90 ft BGL and analyzed visually to determine the detailed lithologic characteristics of the loess unit and the bedrock Dakota Formation. Detailed local stratigraphic units within the Dakota Formation were further identified through core evaluation.

2.2.2 Methods to Characterize the Groundwater-Bearing System

Characterization of the groundwater-bearing system was targeted primarily at (1) a perched groundwater-bearing zone in the shale unit near the top of the Dakota Formation and (2) water-bearing zones in the Dakota Formation.

2.2.2.1 Perched Groundwater-Bearing Zone in the Shale Unit near the Top of the Dakota Formation

A local perched groundwater-bearing zone was initially identified at two locations (SB01 and SB02) at depths of 21-23 ft BGL and 16-20 ft BGL, respectively. The potential presence and extent of the perched water-bearing zone were further evaluated at locations SB03-SB07 and SB13, at and near the former CCC/USDA facility. The local perched zone was only found at SB06 and SB07. However, insufficient water could be recovered to sample at SB07. The locations investigated are shown in Figure 2.3.

The presence of a perched groundwater-bearing zone in the shale unit was determined on the basis of the lithology and water content of cores recovered by continuous coring with the sonic drilling rig. Both groundwater and soil samples were collected for VOCs analysis to determine if the perched zone is a potential source of contamination to the underlying groundwater zones.

To monitor the perched groundwater-bearing zone, three monitoring wells were installed at locations MW01 (SB01), MW02 (SB02), and MW06P (SB06) (Figure 2.3). The wells were screened to target the perched zone at intervals of 18-23.5 ft BGL for MW01-MW02 and correlative depths of 19.5-9.5 ft BGL for MW06P.

2.2.2.2 Groundwater-Bearing Zones in the Dakota Formation

The multiple groundwater-bearing zones in the Dakota Formation were characterized through direct coring of the entire section at SB07 (Figure 2.1) with the sonic drilling rig, from the top of bedrock to a depth of 90 ft BGL. As indicated in the site investigation work plan (Argonne 2012), the Dakota Formation is characterized in the Sylvan Grove area as a shale unit with lenticular beds of sandstone. The investigation focused on identifying the presence of the groundwater-bearing sandstone beds of the Dakota Formation. Continuous core samples were examined carefully to identify water-bearing zones in the deep boring (to 90 ft BGL) at SB07. The characteristics of each water-bearing zone identified were used to guide the investigation of additional locations.

Groundwater samples were collected for VOCs analysis to determine if any water-bearing zones were contaminated with fumigant-related carbon tetrachloride. On the basis of results from water-bearing zones identified at SB07, as well as the shallow water-bearing zone at SB03-SB06 (Section 2.3), the lateral extent of the contaminated water-bearing zone was further evaluated at downgradient locations SB11-SB13.

To monitor the contaminated shallow groundwater-bearing zone, eight permanent monitoring wells were installed at locations SB03-SB05 (MW03-MW05), SB10 (MW06S), SB07 (MW07S), and SB11-SB13 (MW11-MW13) (Figure 2.4). The wells were screened to target the contaminated shallow groundwater-bearing zone on the basis of results for grab groundwater samples collected during the drilling process or from temporary wells. The analytical results for the grab groundwater samples are discussed in Section 2.3. In addition, two monitoring wells (MW07M and MW07D; Figure 2.4) were installed in the deeper groundwater-bearing zone at location SB07, directly east of the contaminated Kingery well. MW07M is screened at the top of the deep groundwater-bearing zone in the Dakota Formation, and MW07D is screened in the lower part of the deep groundwater-bearing zone in the Dakota Formation, near the base of the investigation borehole.

2.3 Methods to Delineate the Distribution of Carbon Tetrachloride and Its Daughter Products in Groundwater

To determine the presence of carbon tetrachloride and delineate its lateral and vertical distribution in groundwater beneath the former CCC/USDA facility, groundwater samples were

collected at all investigative borings (Section 2.2) at and near the former facility. The targeted intervals for groundwater sampling included (1) the perched groundwater-bearing zone (at depths of 18-30 ft BGL) in the shale unit near the top of the Dakota Formation at SB01, SB02, and SB06 (Figure 2.3); (2) the shallow groundwater-bearing zone in the Dakota Formation at SB03-SB05 (33-43 ft BGL), SB07 (30-40 ft BGL), and SB10 (42.5-52.5 ft BGL); and (3) the deep groundwater-bearing zone in the Dakota Formation at SB07 (55-88 ft BGL).

On the basis of the results of groundwater sampling at the investigation locations at and near the former facility, the extent of the contaminated shallow water-bearing zone was further investigated at downgradient locations SB11-SB13. Groundwater samples were collected for VOCs analysis at all downgradient locations.

At most of the investigation borings, groundwater samples were initially collected as grab samples without purging during the drilling process or from temporary piezometers established at the drilled boreholes. The results for grab groundwater samples were used to guide the installation of monitoring wells and their screen intervals. The targeted groundwater-bearing zones associated with the depth intervals are discussed above. Once monitoring wells were installed and appropriately developed, groundwater samples were collected. The purged groundwater samples collected from the developed wells are considered representative of average concentrations in the formation water withdrawn from the area surrounding the screen intervals. Collection of samples from well-developed monitoring wells can also minimize the possible cross-contamination from various groundwater zones that might have occurred during the drilling process. The locations of all developed monitoring wells for final groundwater sampling are shown in Figure 2.4.

In addition to sampling at investigative borings and monitoring wells at and near the former CCC/USDA facility, groundwater sampling was further extended to 10 private wells and 2 public wells near the former CCC/USDA facility (Figure 2.5). Of the 10 sampled private wells, only 1 is registered with the state — the Chris Meyer well west of the Kingery well.

During preparation of the *Work Plan*, 16 private wells were identified within 0.5 mi of the former CCC/USDA facility. City officials indicated that all of these wells are currently used for lawn and garden purposes (Meitler 2012). Of the 16 private wells, 7 were identified through Kansas water well registration forms, which provide well construction information (Appendix B in the *Work Plan*). However, among these 7 registered wells, 3 wells (the Meyer Land and

Cattle, Fischer 1, and Fischer 2 wells) could not be found in the field at the registered locations, 1 well (the Chris Meyer well) was sampled successfully, and the other 3 wells (the Hurlbut [Pistora], Toby Meyer, and Ringler wells [Figure 1.2]) were not accessible at the time of sampling. Consequently, construction information is available for only 1 of the 10 private wells sampled (the Chris Meyer well) and is not available for the other 9 wells. The screen interval and well depth of the Wolting (north) well were provided by the owner. The depth of the Wolting (south) well was measured during the field sampling, with the owner's permission.

All groundwater samples collected were analyzed for VOCs to identify the presence and concentrations of carbon tetrachloride, chloroform, and methylene chloride.

2.4 Methods to Determine Groundwater Flow Patterns

Information on the site-specific groundwater flow patterns and their variations was critical for determining the potential for off-site contaminant migration, if the presence of groundwater contamination was identified beneath the former CCC/USDA facility. Accurate determination of groundwater flow patterns was accomplished through a systematic process of (1) identification of all possible groundwater-bearing zones with fumigant-related contaminants underlying the former CCC/USDA facility, (2) installation of monitoring wells to form a monitoring network for each contaminated groundwater-bearing zone, (3) measurement of water levels for each contaminated groundwater-bearing zone, and (4) analysis of hydrologic data to determine flow patterns in each zone.

The methods discussed in Sections 2.2 and 2.3 were used to identify the contaminated groundwater-bearing zones. The results of the investigation indicate that groundwater contamination is present in (1) the perched groundwater-bearing zone in the shale unit near the top of the Dakota Formation and (2) the shallow groundwater-bearing zone in the Dakota Formation. Two groundwater monitoring networks, MW01, MW02, and MW06P for the perched zone (Figure 2.6) and MW03-MW05, MW06S-MW07S, and MW11-MW13 for the shallow zone (Figure 2.7), were established during the investigation to configure the flow pattern in the contaminated groundwater zones.

Groundwater levels were measured manually on July 25, 2012, September 26, 2012, October 8, 2013, and April 10, 2014. Water level fluctuations were also monitored continuously

through the use of automatic water level sensors and data loggers installed in July 2012. To evaluate the seasonal variations in the water level in each water-bearing zone and the impact of local pumping well(s) on the groundwater flow pattern, the continuous water-level data were collected over a period of more than one year. Groundwater flow patterns were determined from relatively stable water levels in wells that showed minimal, if any, interference due to local pumping events.

Determination of flow patterns for the deep, uncontaminated groundwater zone at and near the former CCC/USDA facility was not attempted, as no contamination was detected, and off-site migration is not expected. However, automatic water level sensors and data loggers were installed in monitoring wells screened in the upper and lower parts of the deep zone (MW07M and MW07D) next to the contaminated Kingery private (livestock/lawn and garden) well (Figure 2.7) to evaluate water level variations in response to possible pumping effects and local rainfall events, as well as to assess the possible relationships between such responses in the deep and shallow groundwater-bearing zones.

2.5 Methods to Assess Indoor Air in Residences Adjacent to Contaminated Groundwater

To assess the potential risk to human health of possible upward migration of carbon tetrachloride into the indoor air in residential structures, sampling was performed at residences in close proximity to the former grain storage facility and the identified extent of contamination in the perched and shallow groundwater zones, as determined by the methods discussed in Section 2.3. Two residences were selected for air sampling on the basis of the KDHE (2011) criteria of a lateral distance of 100 ft and a depth of 40 ft to the identified groundwater contamination. Figure 2.8 shows the locations of the Kingery and Wolting residences, which met the KDHE (2011) criteria for indoor air sampling, as well as locations selected for ambient outdoor air sampling (control samples) outside each residence.

Indoor air sampling was conducted in accordance with the work plan in Appendix A, according to KDHE standard operating procedure BER-33 (KDHE 2011). At each residence, individually certified Summa canisters were placed in the basement and on the first floor for a period of 24 hr. In addition, ambient air samples were collected in an upwind location, outside the residential structures and away from obvious sources of VOCs, over the same 24-hr collection period.

All air samples were shipped to TestAmerica Laboratories, Inc., South Burlington, Vermont, which is certified for analysis by EPA Method TO-15, and were analyzed for carbon tetrachloride and chloroform by that method.

As an indirect confirmation of potential pathways for vapor intrusion from the subsurface, radon kits were also used to collect radon data in the basement of each residence. The radon kits (charcoal pouches) were left in place for 3-4 days and then were collected for analysis by Air Chek, Inc., Mills River, North Carolina.

FIGURE 2.1 Locations of soil samples collected at the former CCC/USDA facility in the 2012 environmental investigation. Source of photograph: USDA (2010).

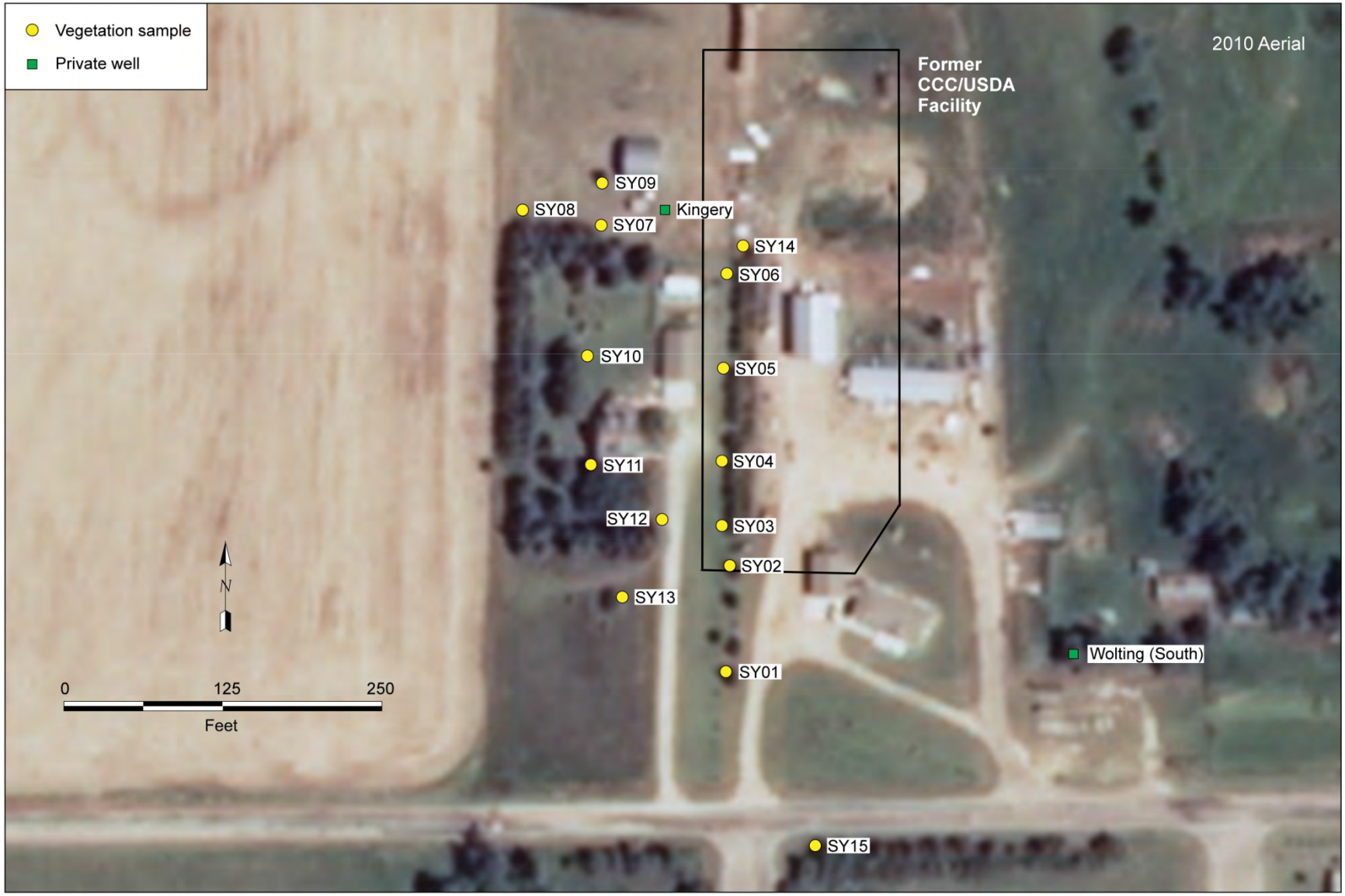

FIGURE 2.2 Locations of vegetation samples collected at and near the former CCC/USDA facility in the 2012 environmental investigation. Source of photograph: USDA (2010).

FIGURE 2.3 Sampling locations in the perched groundwater unit, demonstrating the extent of the unit in the 2012 environmental investigation. Source of photograph: USDA (2010).

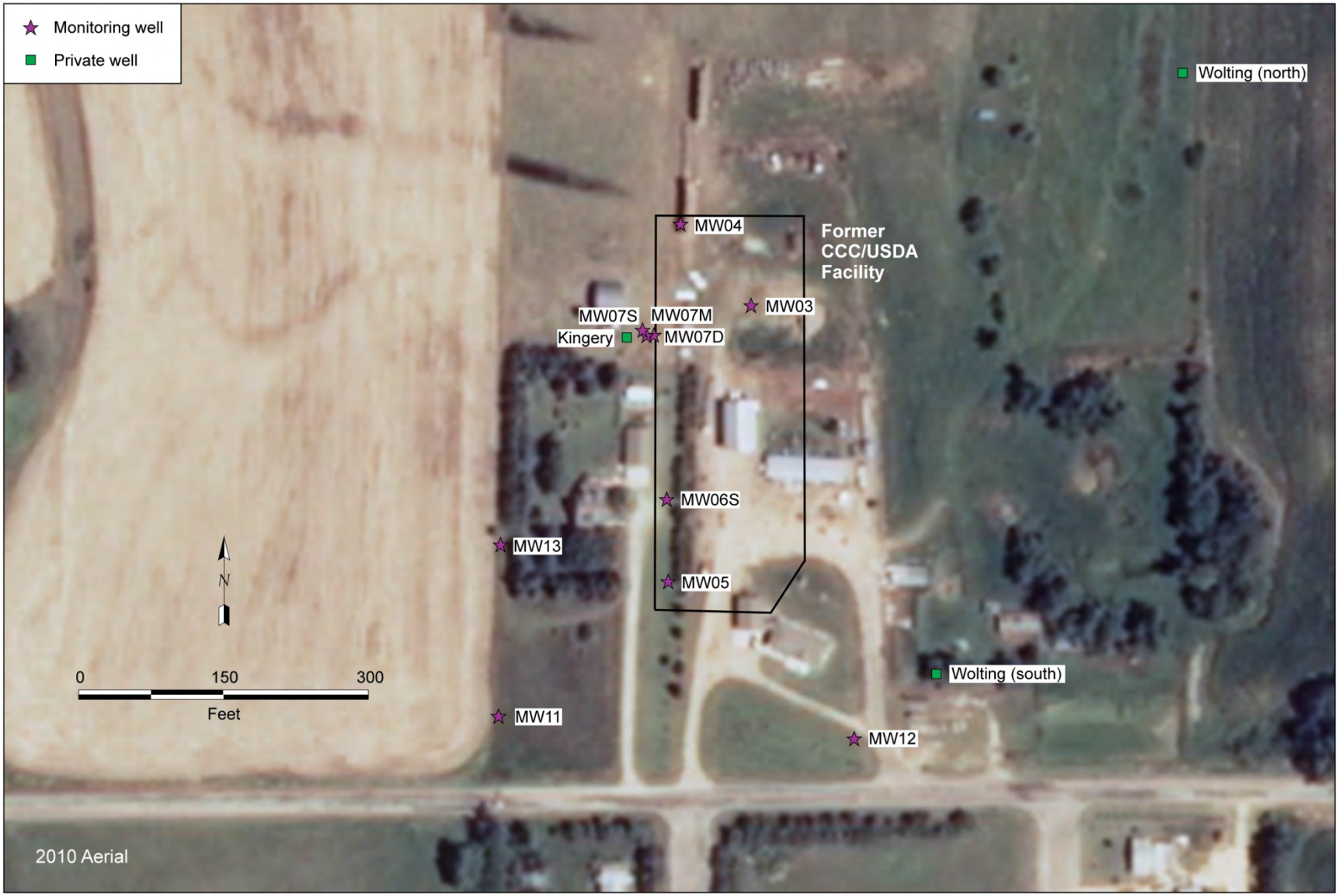

FIGURE 2.4 Locations of groundwater samples collected from monitoring wells installed in the shallow and deep groundwater zones during the 2012 environmental investigation. Source of photograph: USDA (2010).

FIGURE 2.5 Locations of groundwater samples collected from the private and public wells in the 2012 environmental investigation. Source of photograph: USDA (2010).

FIGURE 2.6 Water level monitoring network for the perched groundwater zone at the former CCC/USDA facility. Source of photograph: USDA (2010).

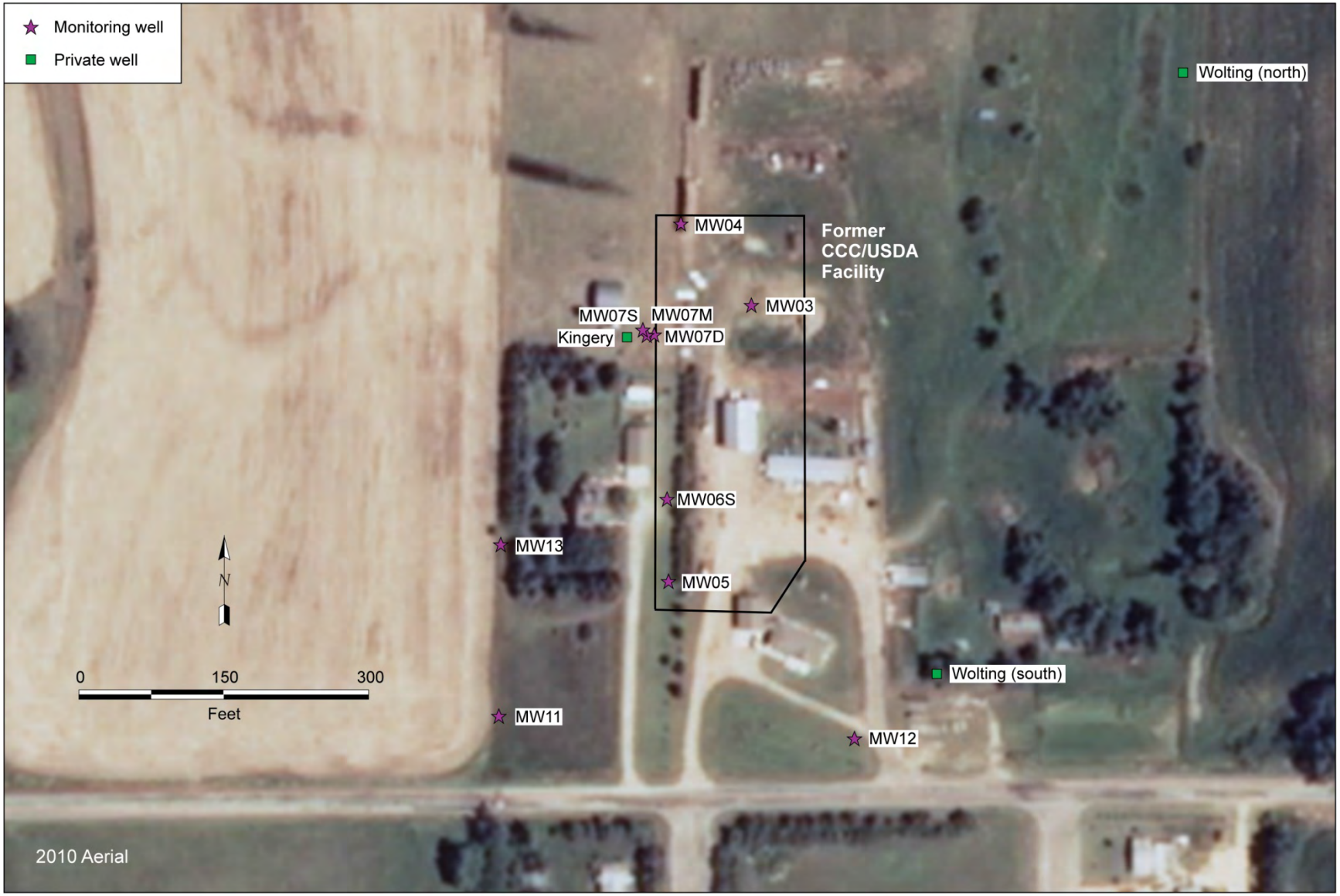

FIGURE 2.7 Water level monitoring network for the shallow and deep groundwater zones at the former CCC/USDA facility. Source of photograph: USDA (2010).

FIGURE 2.8 Locations of indoor and ambient air samples collected in and near the residences adjacent to the former CCC/USDA property. Source of photograph: USDA (2010).

3 Field and Laboratory Data

The data generated during the site environmental investigation are presented in this section, according to the type of test performed or the medium analyzed. The methodologies for data collection are also discussed. Detailed procedures for the site investigation are described in the site-specific site investigation work plan (Argonne 2012), the supplemental air sampling work plan (Appendix A), and the *Master Work Plan* (Argonne 2002). A detailed interpretation of these data is in Section 4.

3.1 Geologic Coring Data

At all boring locations, continuous cores were collected and evaluated to generate geologic logs. The boring locations included SB01-SB05 (MW01-MW05), SB06/SB10 (MW06P/MW06S), SB07 (MW07S, MW07M, and MW07D), SB10 (MW06S), and SB11-SB13 (MW11-MW13). The lithology descriptions for these locations are in Appendix B. The lithology data were analyzed to identify the local lithostratigraphic and hydrostratigraphic units.

3.2 Soil Sampling Data

Subsurface soil samples were collected for VOCs analysis to identify soil contamination above the groundwater-bearing zones underlying the former CCC/USDA facility. Soil sampling was conducted in vertical profiles through the vadose zone to the depth of the first groundwater-bearing zone, in accordance with the procedures outlined in the site-specific work plan (Argonne 2012) and the *Master Work Plan* (Argonne 2002). Descriptions of all soil samples and a chronological summary of the sampling activities are in Appendix C, Table C.1.

Soil samples were collected with a sonic drilling rig at 4-ft intervals, with a few exceptions due to changes in core lithology or recovery conditions. All soil samples were analyzed by a purge-and-trap sample preparation method with analysis on a gas chromatograph-mass spectrometer (GC-MS) system (EPA Methods 5030B and 8260B). The purge-and-trap analytical data for carbon tetrachloride and its daughter products, chloroform and methylene chloride, are summarized for all soil samples in Table 3.1.

The maximum concentration of carbon tetrachloride and chloroform at each location is shown in Figure 3.1. Carbon tetrachloride was detected only in association with soil intervals at or near the perched groundwater zone. The concentration of carbon tetrachloride in soils ranged from 4.2-4.6 µg/L at SB01 and SB06 to 34 µg/L at SB02. No chloroform was identified in any soil samples.

Replicate soil samples collected for verification organic analysis are discussed in Section 3.9.

3.3 Vegetation Sampling Data

Vegetation sampling was conducted for VOCs analysis to provide indirect evidence for evaluating potential contamination in subsurface soil and the perched groundwater zone at shallow depths. Samples of branch tissues were collected at 15 tree locations at and near the former CCC/USDA facility (Figure 3.2). All samples were analyzed for carbon tetrachloride and chloroform at the AGEM Laboratory by using an approved modification of the protocol in EPA Method 5021 (headspace analysis on a gas chromatograph with electron capture detection). The analytical results for carbon tetrachloride and chloroform in branch tissues are in Table 3.2. Descriptions of the vegetation samples and a chronological summary of the sampling activities are in Appendix C, Table C.1.

Figure 3.2 illustrates the distribution of carbon tetrachloride and chloroform in plant tissues at all sampling points. No carbon tetrachloride was found in vegetation samples except at sampling point SY06, where a trace level of 0.4 µg/kg was detected. Chloroform was found at very low levels in vegetation samples collected at sampling points SY01-SY02, SY04-SY05, SY10-SY12, and SY15. The concentrations of chloroform ranged from 0.9 µg/kg to 3.6 µg/kg at these locations.

3.4 Groundwater Sampling Data

Groundwater samples were collected for VOCs analysis from the perched groundwater-bearing zone in the shale unit near the top of the Dakota Formation at locations SB01 (MW01), SB02 (MW02), and SB06 (MW06P), as well as from the underlying shallow and deep groundwater-bearing zones in the Dakota Formation at locations SB03-SB05 (MW03-MW05),

SB07 (MW07S, MW07M, MW07D), SB10 (MW06S), and SB11-SB13 (MW11-MW13) (Figures 2.3 and 2.4). The sampling was conducted in accordance with the procedures outlined in the site-specific work plan (Argonne 2012) and the *Master Work Plan* (Argonne 2002). Descriptions of the groundwater samples and a chronological summary of the sampling activities are in Appendix C, Table C.1.

Groundwater samples from the perched groundwater-bearing zone included grab samples collected without purging during drilling at locations SB01, SB02, and SB06, as well as purged samples collected after well development at monitoring wells MW01, MW02, and MW06P. The analytical results for the grab groundwater samples are in Table 3.3, and results for the purged groundwater samples are in Table 3.4. Figure 3.3 illustrates the distribution of carbon tetrachloride concentrations in groundwater from the developed monitoring wells installed in the perched groundwater zone. The highest concentration of carbon tetrachloride was found at MW06P (131 µg/L).

Groundwater samples collected from the shallow groundwater-bearing zone also include both grab samples collected without purging during drilling at locations SB03-SB05, SB07, SB10, and SB11-SB12 (Table 3.3) and purged samples collected after well development at monitoring wells MW03-MW5, MW06S, MW07S, and MW11-MW13 (Figure 2.4 and Table 3.4). Figure 3.4 shows the distribution of carbon tetrachloride in the shallow groundwater zone, on the basis of results from the developed wells. The highest concentration of carbon tetrachloride in the shallow groundwater zone was at MW07S (35 µg/L).

Groundwater samples were also collected from the upper and lower parts of the deep groundwater-bearing zone at MW07M and MW07D, respectively. No contamination was found in these samples from the deep zone (Figure 3.4).

To evaluate potential impacts to the local private wells and the city's public wells, all accessible local wells were sampled in June 2012. Results of carbon tetrachloride and chloroform analyses are shown in Figure 3.5. No contamination was detected in the 10 private wells and 2 public water supply wells sampled, except for the previously contaminated private hand-dug (livestock/lawn and garden) well at the Kingery residence, adjacent to the former CCC/USDA facility.

All groundwater samples were analyzed for VOCs at the AGEM Laboratory according to a modification of EPA Method 524.2 (EPA 1995). Replicate groundwater samples collected for verification analysis according to the EPA's contract laboratory program methodology were analyzed at TestAmerica Laboratories, Inc., South Burlington, Vermont. These analyses are discussed in Section 3.9. The analytical results for the purged groundwater samples from the developed monitoring wells, private wells, and city public water supply wells are in Table 3.4.

3.5 Indoor Air and Ambient Air Sampling Data

Indoor and ambient air sampling was conducted at the Kingery and Wolting residences in February 2013. Indoor air samples were collected in the main room of the basement and the living room on the main floor in both homes over a period of 24 hr by using certified Summa canisters. An ambient air sample was also collected as a background control outside each residence (Figure 3.6). All indoor and ambient air samples collected in Summa canisters were shipped to TestAmerica Laboratories for VOCs analysis by EPA Method TO-15. The analytical results for carbon tetrachloride, chloroform, methylene chloride, and 1,2-dichloroethane in air samples are in Table 3.5. The descriptions of sampling conditions and detailed locations of sampling points in each residence, as well as sampling logs, are in Appendix D. The detailed analytical data are in Supplement 1.

Figure 3.6 illustrates the distribution of carbon tetrachloride concentrations in air samples at all sampling points. No carbon tetrachloride was detected above the detection limit at any location. However, a trace level of chloroform was found in the main floor (3.7 $\mu g/m^3$) and basement (3.1 $\mu g/m^3$) air of the Wolting residence. In addition, 1,2-dichloroethane was also found at trace levels of 1.4-1.6 $\mu g/m^3$ in the basement and main floor of the Wolting home.

To evaluate potential vapor intrusion from the subsurface, the presence of radon, as a possible supplemental indicator of a pathway to indoor air, was investigated in both homes. Two passive radon test kits were placed in the basement of each residence. The results (Table 3.6) indicate that the radon concentration is about three times higher in the Kingery basement than in the Wolting basement. The detailed sampling logs are in Appendix D. The detailed analytical data are in Supplement 1. Radon is a naturally occurring substance that is unrelated to grain fumigation activities.

3.6 Installation of Monitoring Wells

During this investigation, 13 monitoring wells (2-in. diameter) were installed at 10 locations to facilitate groundwater level monitoring (Figures 2.6-2.7 and Table 3.7). Three of the 13 monitoring wells (MW01, MW02, MW06P) are screened exclusively in the perched groundwater-bearing zone to monitor localized movement in the zone. The eight monitoring wells (MW03-MW05, MW06S-MW07S, and MW11-MW13) screened in the shallow groundwater-bearing zone form a relatively large monitoring network established to capture spatial variations in groundwater levels in the shallow zone for determination of groundwater flow patterns, the impact of pumping at local private wells, and the distribution of contaminant concentrations at the former CCC/USDA facility. In addition, two deep monitoring wells were installed in the upper and lower parts of the deep groundwater-bearing zone at location SB07.

All monitoring wells were installed by Boart-Longyear with a sonic drilling rig, in accordance with procedures in the *Master Work Plan* (Argonne 2002). The well screen intervals were limited to 5-10 ft, targeted exclusively at the groundwater zone of interest. The boreholes above the well sand pack surrounding the screen interval were grouted and sealed appropriately. All wells were also purged adequately to remove all remaining fines and eliminate any cross-contamination possibly introduced in the drilling process. The well construction data are in Table 3.7.

3.7 Groundwater Level Data

Groundwater levels were measured both manually and automatically. The monitoring well networks established for water level measurements are shown in Figure 2.6 (perched groundwater zone) and Figure 2.7 (shallow and deep groundwater zones). In addition, access was granted to allow water level measurements in two private wells (Wolting [north] and Wolting [south]). These wells are also included in the monitoring network for the shallow and deep groundwater-bearing zones. The Wolting (north) well is in the northeastern part of the property, and the Wolting (south) well is near the southern part of the property (Figure 2.7). The Wolting (north) well is about 65 ft deep and has a screen interval at 55-65 ft BGL, while the Wolting (south) well is about 51 ft deep. The screen interval for the Wolting (south) well is unknown.

Manual measurements were taken by reading the depth to water in each well, to the nearest 0.01 ft, with an electronic water level sensor, from a surveyed reference mark at the top

of the well casing. The hand-measured water level data for the monitoring wells are in Appendix E.

Water levels in nine monitoring wells and one private well were recorded automatically by installing self-contained water level sensors and data loggers (Instrumentation Northwest, Inc., Model PT2X^{TM}) programmed to collect measurements at intervals ranging from 20 min to 1 hr. The nine monitoring wells were selected to include one for the perched groundwater zone (MW06P), six for the shallow groundwater zone (MW04, MW06S, MW07S, and MW11-MW13), and two for the deep groundwater zone (MW07M and MW07D). One private well (Wolting [north]) is also monitored for the deep groundwater zone to evaluate pumping effects. The automatic measurements were initiated in late July 2012. Data were recovered in September 2012, October 2013, and April 2014. These measurements are ongoing. The complete data logger records are in Supplement 2, on the compact disc (CD) inside the back cover of this report.

3.8 Land Survey Data

The exact locations and ground surface elevations of investigative locations and monitoring wells are required to provide horizontal and vertical control for stratigraphic correlation, water level measurement, hydrogeologic mapping, and contaminant delineation in soil and groundwater. All investigative boring locations, all monitoring points, the vegetation sampling points (except for SY15), and three private livestock and lawn wells (Wolting [north], Wolting [south], and Kingery), were surveyed by Kansas-licensed professional surveyors, Schwab-Eaton, P.A., Manhattan, Kansas. The results are in Appendix F, Table F.1.

3.9 Results of Quality Control Activities

The QA/QC procedures for sample collection, handling, and analysis during the investigation are described in detail in the *Master Work Plan* (Argonne 2002). A detailed QA/QC report addressing sample collection, handling, and analysis during the investigation is on CD, in Supplement 3.

The results of the QA/QC activities are summarized as follows:

- Sample integrity was maintained successfully during sample collection, shipping, and analysis through documentation of samples as they were collected and the use of custody seals and chain-of-custody records.

- A limited number of sample identifiers contained errors that occurred during transcription in the field. Deeper boring SB10 is approximately 5 ft from earlier, shallower boring SB06. For seven samples from borehole SB10, borehole SB06 was incorrectly indicated in the sample identifier. This problem affected six soil samples (SYSB06-S-33914, SYSB06-S-33915, SYSB06-S-33916, SYSB06-S-33917, SYSB06-S-33918, and SYSB06-S-33919) and one groundwater sample (SYSB06-W-33924). This issue also affected two duplicate laboratory analyses (SYSB06-S-33916DUP and SYSB06-S-33918DUP). To be consistent, the locations for all samples from SB10 are indicated correctly as SB10 in Tables 3.1, 3.3, C.1, S1.1, and S3.4. The sample identifiers, however, are retained as written in the field for consistency with sampling records. In addition, the identifier for sample SYSB07-W-33832 contained a transcription error on the chain-of-custody form sent to TestAmerica, which incorrectly listed the sample as "SYSB07-W-33882." The sample is identified correctly as SYSB07-W-33832 in Tables C.1, S3.1, S3.3, S3.4, and S3.5. All results were consistently assigned to the correct sampling locations after correction for the transcription errors.

- All samples were received with custody seals intact and at the appropriate preservation conditions. Samples were analyzed within required holding times.

- Carbon tetrachloride and chloroform, the primary contaminants of concern, were not detected in laboratory method blanks at the AGEM Laboratory.

- Quality control samples (field blanks, equipment rinsates, and trip blanks) were collected to monitor sample-handling activities. Neither carbon tetrachloride nor chloroform was detected in the quality control samples sent to the AGEM Laboratory. Methylene chloride was detected at trace

concentrations in the soil trip blank sent to TestAmerica, at a level consistent with contamination from the use of methylene chloride for routine purposes in the laboratory setting at TestAmerica. Carbon tetrachloride and methylene chloride were also detected in both water trip blanks sent to TestAmerica; however, these trace detections were marked with the B qualifier, indicating that the contaminants were detected in an associated laboratory blank. Cross-contamination during sample collection and handling is not indicated.

- Soil and groundwater samples were analyzed for VOCs including carbon tetrachloride, chloroform, and methylene chloride at the AGEM Laboratory by using the purge-and-trap method (a GC-MS method) for quantitative determination of contaminant distribution. Dual analyses of samples indicated consistency in the sampling and analytical methodologies. Dual analyses were accomplished through either analysis of replicate samples submitted to the laboratory or duplicate analysis of samples selected by the laboratory. Consistency in both the sampling and analytical methodologies is indicated by the average relative percent difference values of 4% for carbon tetrachloride and 13% for chloroform in dual analyses with the contaminants present above the method detection limit (< 10 µg/kg for soil or < 1 µg/L for water). The quality control range for relative percent difference between dual analyses is ±20%.

- The analyses of soil and groundwater samples by the AGEM Laboratory were verified for a subset of samples by analyses at TestAmerica. For all samples except SYSB07-W-33832, agreement in the results from the two laboratories is good over the range of contaminant concentrations detected; the concentrations detected in soil and groundwater in analyses at the AGEM Laboratory are supported by the verification analyses at TestAmerica. For sample SYSB07-W-33832, the carbon tetrachloride result from TestAmerica is lower than that from AGEM Laboratory, while chloroform is higher. All groundwater samples in both data packages from TestAmerica are marked with the B qualifier for carbon tetrachloride and methylene chloride, indicating that these contaminants were detected in the laboratory blanks analyzed with these samples. The TestAmerica verification data are in Supplement 1, on CD.

3.10 Waste Characterization, Handling, and Disposal

Waste soil and water generated as potentially contaminated investigation-derived waste were containerized on-site. The accumulated waste soil and water were sampled on July 26, 2012. The waste soil samples were analyzed on August 2, 2012, by EPA Method 8260 for VOCs and ASTM D2974-87 for percent moisture. The wastewater sample was analyzed on July 27, 2012, by EPA Method 524.2 for VOCs. No VOCs were detected in the waste soil or water. The laboratory results are in Supplement 4, on CD. The soil cuttings were scarified on-site, according to KDHE (2012b) authorization. The uncontaminated wastewater was used as mix water for the cement for the flush mounts on the monitoring wells.

TABLE 3.1 Results of purge-and-trap analyses at the AGEM Laboratory for soil samples collected in July 2012.

				Concentration (µg/kg)		
Location	Sample	Sample Date	Depth (ft BGL)	Carbon Tetrachloride	Chloroform	Methylene Chloride
SB01	SYSB01-S-33785	7/10/12	4	ND[a]	ND	ND
SB01	SYSB01-S-33786	7/10/12	6	ND	ND	ND
SB01	SYSB01-S-33787	7/10/12	10	ND	ND	ND
SB01	SYSB01-S-33788	7/10/12	14	ND	ND	ND
SB01	SYSB01-S-33789	7/10/12	18.5	ND	ND	ND
SB01	SYSB01-S-33790	7/10/12	22	4.2 J[b]	ND	ND
SB01	SYSB01-S-33791	7/10/12	23	3.4 J	ND	ND
SB02	SYSB02-S-33798	7/10/12	2	ND S[c]	ND S	ND S
SB02	SYSB02-S-33799	7/10/12	6	ND	ND	ND
SB02	SYSB02-S-33800	7/10/12	10	ND	ND	ND
SB02	SYSB02-S-33801	7/10/12	14	ND	ND	ND
SB02	SYSB02-S-33802	7/10/12	18	ND	ND	ND
SB02	SYSB02-S-33804	7/10/12	20	ND	ND	ND
SB02	SYSB02-S-33803	7/10/12	22	34	ND	ND
SB03	SYSB03-S-33810	7/10/12	2	ND	ND	ND
SB03	SYSB03-S-33811	7/10/12	6	ND	ND	ND
SB03	SYSB03-S-33812	7/10/12	12	ND	ND	ND
SB03	SYSB03-S-33813	7/10/12	14	ND	ND	ND
SB03	SYSB03-S-33814	7/10/12	18	ND	ND	ND
SB03	SYSB03-S-33815	7/10/12	22	ND	ND	ND
SB03	SYSB03-S-33816	7/10/12	26	ND	ND	ND
SB03	SYSB03-S-33817	7/10/12	30	ND	ND	ND
SB03	SYSB03-S-33818	7/10/12	34	ND	ND	ND
SB03	SYSB03-S-33819	7/10/12	36	ND	ND	ND
SB03	SYSB03-S-33805	7/10/12	40	ND	ND	ND
SB04	SYSB04-S-33820	7/10/12	2	ND	ND	ND
SB04	SYSB04-S-33821	7/10/12	6	ND	ND	ND
SB04	SYSB04-S-33822	7/10/12	10	ND	ND	ND
SB04	SYSB04-S-33823	7/10/12	14	ND	ND	ND
SB04	SYSB04-S-33824	7/10/12	18	ND	ND	ND
SB04	SYSB04-S-33825	7/10/12	22	ND	ND	ND
SB04	SYSB04-S-33826	7/10/12	26	ND	ND	ND
SB04	SYSB04-S-33827	7/10/12	30	ND	ND	ND
SB04	SYSB04-S-33828	7/10/12	34	ND	ND	ND
SB04	SYSB04-S-33829	7/10/12	38	ND	ND	ND
SB04	SYSB04-S-33793	7/10/12	40	ND	ND	ND
SB04	SYSB04-S-33795	7/11/12	43	ND	ND	ND
SB04	SYSB04-S-33794	7/11/12	45	ND	ND	ND
SB05	SYSB05-S-33841	7/11/12	2	ND	ND	ND
SB05	SYSB05-S-33842	7/11/12	6	ND	ND	ND
SB05	SYSB05-S-33843	7/11/12	10	ND	ND	ND
SB05	SYSB05-S-33844	7/11/12	14	ND	ND	ND
SB05	SYSB05-S-33845	7/11/12	18	ND	ND	ND
SB05	SYSB05-S-33846	7/11/12	22	ND	ND	ND
SB05	SYSB05-S-33847	7/11/12	26	ND	ND	ND
SB05	SYSB05-S-33848	7/11/12	30	ND	ND	ND
SB05	SYSB05-S-33849	7/11/12	34	ND	ND	ND

TABLE 3.1 (Cont.)

Location	Sample	Sample Date	Depth (ft BGL)	Concentration (µg/kg) Carbon Tetrachloride	Chloroform	Methylene Chloride
SB05	SYSB05-S-33850	7/11/12	38	ND	ND	ND
SB05	SYSB05-S-33871	7/11/12	42	ND	ND	ND
SB06	SYSB06-S-33851	7/11/12	2	ND	ND	ND
SB06	SYSB06-S-33852	7/11/12	6	ND	ND	ND
SB06	SYSB06-S-33853	7/11/12	10	ND	ND	ND
SB06	SYSB06-S-33854	7/11/12	14	ND	ND	ND
SB06	SYSB06-S-33855	7/11/12	18	ND	ND	ND
SB06	SYSB06-S-33856	7/11/12	22	1.6 J	ND	ND
SB06	SYSB06-S-33857	7/11/12	26	3.6 J	ND	ND
SB06	SYSB06-S-33859	7/11/12	28	ND	ND	ND
SB07	SYSB07-S-33871	7/11/12	2	ND	ND	ND
SB07	SYSB07-S-33872	7/11/12	8	ND	ND	ND
SB07	SYSB07-S-33873	7/11/12	10	ND	ND	ND
SB07	SYSB07-S-33874	7/11/12	14	ND	ND	ND
SB07	SYSB07-S-33875	7/11/12	18	ND	ND	ND
SB07	SYSB07-S-33876	7/11/12	22	ND	ND	ND
SB07	SYSB07-S-33877	7/11/12	26	ND	ND	ND
SB07	SYSB07-S-33878	7/11/12	30	ND	ND	ND
SB07	SYSB07-S-33879	7/11/12	34	ND	ND	ND
SB07	SYSB07-S-33880	7/11/12	38	ND	ND	ND
SB07	SYSB07-S-33886	7/11/12	42	ND	ND	ND
SB07	SYSB07-S-33887	7/11/12	46	ND	ND	ND
SB07	SYSB07-S-33888	7/11/12	50	ND	ND	ND
SB07	SYSB07-S-33884	7/11/12	54	ND	ND	ND
SB07	SYSB07-S-33885	7/11/12	57	ND	ND	ND
SB10[d]	SYSB06-S-33914	7/13/12	34	4.6 J	ND	ND
SB10[d]	SYSB06-S-33915	7/13/12	38	ND	ND	ND
SB10[d]	SYSB06-S-33916	7/13/12	42	ND	ND	ND
SB10[d]	SYSB06-S-33917	7/13/12	45	ND	ND	ND
SB10[d]	SYSB06-S-33918	7/13/12	50	ND	ND	ND
SB10[d]	SYSB06-S-33919	7/13/12	52	ND	ND	ND

[a] ND, compound analyzed for but not detected at a level greater than or equal to the method detection limit (< 10 µg/kg).

[b] J, compound identified with an estimated concentration between the instrument detection limit and the method detection limit.

[c] S, surrogate recovery outside specified range of 80-120%.

[d] SB10 is a deeper soil boring approximately 5 ft from shallower soil boring SB06. Some soil samples from SB10 were incorrectly marked with the SB06 identifier in the field. The original sample identifiers (including “SB06”) are retained here, but the location is given correctly as SB10.

TABLE 3.2 Analytical results from the AGEM Laboratory for vegetation samples collected in July 2012.

			Concentration (µg/kg)	
Location	Sample	Sample Date	Carbon Tetrachloride	Chloroform
SY01	SY01-B-34273	7/13/12	ND[a]	0.9
SY02	SY02-B-34274	7/13/12	ND	1.3
SY03	SY03-B-34275	7/13/12	ND	ND
SY04	SY04-B-34276	7/13/12	ND	1.9
SY05	SY05-B-34277	7/13/12	ND	1.2
SY06	SY06-B-34278	7/13/12	0.4	ND
SY07	SY07-B-34279	7/13/12	ND	ND
SY08	SY08-B-34280	7/13/12	ND	ND
SY09	SY09-B-34281	7/13/12	ND	ND
SY10	SY10-B-34282	7/13/12	ND	1.1
SY11	SY11-B-34283	7/13/12	ND	3.6
SY12	SY12-B-34284	7/13/12	ND	0.9
SY13	SY13-B-34285	7/13/12	ND	ND
SY14	SY14-B-34286	7/13/12	ND	ND
SY15	SY15-B-34287	7/13/12	ND	1.3

[a] ND, compound analyzed for but not detected at a level greater than or equal to the method detection limit (< 0.1 µg/kg for carbon tetrachloride or < 0.75 µg/kg for chloroform).

TABLE 3.3 Analytical results from the AGEM Laboratory for grab groundwater samples collected during the drilling process or in temporary piezometers in July 2012.

				Concentration (μg/L)		
Location	Sample	Sample Date	Depth (ft BGL)	Carbon Tetrachloride	Chloroform	Methylene Chloride
SB01	SYSB01-W-33907	7/12/12	18-23	45	9.7	ND[a]
SB01	SYSB01-W-33795	7/10/12	21-23	1.9	29	ND
SB02	SYSB02-W-33809	7/10/12	16-23	4.0	5.0	ND
SB02	SYSB02-W-33908	7/12/12	18.5-23.5	8.6	2.6	ND
SB03	SYSB03-W-33909	7/12/12	33-38	0.8 J[b]	1.5	ND
SB03	SYSB03-W-33796	7/10/12	34-37	0.4 J	1.3	ND
SB04	SYSB04-W-33910	7/12/12	38-43	0.5 J	0.3 J	ND
SB05	SYSB05-W-33911	7/12/12	38-43	ND	ND	ND
SB05	SYSB05-W-33809	7/11/12	39-43	ND	ND	ND
SB06	SYSB06-W-33912	7/12/12	19.5-29.5	178	16	ND
SB06	SYSB06-W-33831	7/11/12	22-29.5	77	65	ND
SB07	SYSB07S-W-33934	7/14/12	30-40	0.7 J	14	ND
SB07	SYSB07-W-33832	7/11/12	35-40	54	4.3	ND
SB07	SYSB07-W-33834	7/11/12	55-60	ND	0.8 J	ND
SB07	SYSB07M-W-33935	7/14/12	55-60	ND	0.4 J	ND
SB07	SYSB07-W-33839	7/13/12	78-88	ND	ND	ND
SB10[a]	SYSB06-W-33924	7/13/12	42.5-45	66	15	ND
SB10	SYSB10-W-33936	7/14/12	42.5-52.5	214	16	ND
SB11	SYSB11-W-33929	7/13/12	32-40	ND	ND	ND
SB11	SYSB11-W-33937	7/14/12	35-45	ND	ND	ND
SB12	SYSB12-W-33931	7/14/12	45-46.5	ND	ND	ND
SB12	SYSB12-W-33932	7/14/12	45-60	ND	ND	ND
SB13	SYSB13-W-33841	7/14/12	35-40	ND	ND	ND

[a] ND, compound analyzed for but not detected at a level greater than or equal to the method detection limit (< 1 μg/L).

[b] J, compound identified with an estimated concentration between the instrument detection limit and the method detection limit.

[c] SB10 is a deeper soil boring approximately 5 ft from shallower soil boring SB06. Some samples from SB10 were incorrectly marked with the SB06 identifier in the field. The original sample identifiers (including “SB06”) are retained here, but the location is given correctly as SB10.

TABLE 3.4 Analytical results from the AGEM Laboratory for groundwater samples collected from private wells and monitoring wells in June-July 2012.

				Concentration (μg/L)		
Location	Sample	Sample Date	Depth (ft BGL)	Carbon Tetrachloride	Chloroform	Methylene Chloride
Samples from private wells						
C. MEYER	SYCMEYER-W-33776	6/7/12	50-80	ND[a]	ND	ND
KINGERY	SYKINGERY-W-33773	6/7/12	–	14	0.8 J[b]	ND
MEITLER	SYMEITLER-W-33777	6/7/12	–	ND	ND	ND
PAHLS	SYPAHLS-W-33783	6/8/12	–	ND	ND	ND
PWS5	SYPWS5-W-33781	6/8/12	–	ND	ND	ND
PWS6	SYPWS6-W-33782	6/8/12	–	ND	ND	ND
REEVES	SYREEVES-W-33775	6/7/12	–	ND	ND	ND
RYSER	SYRYSER-W-33778	6/7/12	–	ND	ND	ND
TIM MEYER	SYTIMMEYER-W-33779	6/7/12	–	ND	ND	ND
TRACY MEYER	SYTMEYER-W-33780	6/8/12	–	ND	ND	ND
WOLTING (SOUTH)	SYWOLTING-W-33771	6/7/12	–	ND	ND	ND
WOLTING (NORTH)	SYWNORTH-W-33953	7/26/12	55-65	ND	ND	ND
Samples from monitoring wells						
MW01	SYMW1-W-33939	7/16/12	18-23	50	6.5	ND
MW02	SYMW2-W-33940	7/15/12	18.5-23.5	7.0	1.3	ND
MW03	SYMW3-W-33941	7/16/12	33-38	2.6	ND	ND
MW04	SYMW4-W-33942	7/17/12	38-43	1.2	ND	ND
MW05	SYMW5-W-33943	7/17/12	38-43	ND	ND	ND
MW06P	SYMW6P-W-33944	7/17/12	19.5-29.5	131	8.4	ND
MW06S	SYMW6S-W-33945	7/17/12	42.5-52.5	5.2	5.4	ND
MW07S	SYMW7S-W-33946	7/18/12	30-40	35	3.5	ND
MW07M	SYMW7M-W-33947	7/17/12	55-60	ND	ND	ND
MW07D	SYMW7D-W-33948	7/17/12	78-88	ND	ND	ND
MW11	SYMW11-W-33949	7/18/12	35-45	ND	ND	ND
MW12	SYMW12-W-33950	7/18/12	45-55	ND	ND	ND
MW13	SYMW13-W-33951	7/18/12	34.5-39.5	ND	ND	ND

[a] ND, compound analyzed for but not detected at a level greater than or equal to the method detection limit (< 1 μg/L).

[b] J, compound identified with an estimated concentration between the instrument detection limit and the method detection limit.

TABLE 3.5 Analytical results from TestAmerica for indoor air and ambient air samples collected in February 2013.

			Concentration (µg/m^3)			
Location	Sample	Sample Date	Carbon Tetrachloride	Chloroform	Methylene Chloride	1,2-Dichloroethane
KINGERY	KINGERY-AMBIENT	2/6/13	ND[a] (1.3)	ND (0.98)	ND (1.7)	ND (0.07)
KINGERY	KINGERY-BASEMENT	2/6/13	ND (1.3)	ND (0.98)	ND (1.7)	ND (0.07)
KINGERY	KINGERY-MAIN	2/6/13	ND (1.3)	ND (0.98)	ND (1.7)	ND (0.07)
WOLTING	WOLTING-AMBIENT	2/6/13	ND (1.3)	ND (0.98)	ND (1.7)	ND (0.07)
WOLTING	WOLTING-BASEMENT	2/6/13	ND (1.3)	3.1	ND (1.7)	1.6
WOLTING	WOLTING-MAIN	2/6/13	ND (1.3)	3.7	ND (1.7)	1.4

[a] ND, compound analyzed for but not detected at a level greater than or equal to the indicated method detection limit.

TABLE 3.6 Radon results from Air Chek, Inc., for indoor air samples collected in February 2013.[a]

Location	Sample	Sample Date	Radon Kit Number	Radon (pCi/L)
KINGERY	KINGERY-BASEMENT[b]	2/6/13	4493647	20.4 ± 0.6
KINGERY	KINGERY-BASEMENT[c]	2/6/13	4493648	19.3 ± 0.6
WOLTING	WOLTING-BASEMENT[b]	2/6/13	4493645	7.2 ± 0.5
WOLTING	WOLTING-BASEMENT[c]	2/6/13	4493646	7.1 ± 0.4

[a] The EPA's recommended action level for radon is 4.0 pCi/L.

[b] Sample analyzed for Argonne; results delivered to the AGEM data manager. Locations and sample identifiers are shown on the indoor air sample logs in Appendix D.

[c] Sample analyzed for and delivered to homeowner. Locations and sample identifiers are shown on the indoor air sample logs in Appendix D.

TABLE 3.7 Construction data for monitoring wells installed during the 2012 investigation.

	Depth (ft BGL)					
Well	Well Depth	Screen Interval	Gravel Pack	Grout Interval	Casing Diameter (in.)	Completion Date
MW01	23	18-23	16-24	1-16	2	7/10/12
MW02	23.5	18.5-23.5	16-23.5	1-16	2	7/10/12
MW03	38	33-38	31-40	1-31	2	7/10/12
MW04	43	38-43	35-45	1-35	2	7/11/12
MW05	43	38-43	36-43	1-36	2	7/11/12
MW06P	29.5	19.5-29.5	17-29.5	1-17	2	7/11/12
MW06S	52.5	42.5-52.5	40-52.5	1-40	2	7/13/12
MW07S	40	30-40	28-40	1-28	2	7/13/12
MW07M	60	55-60	52-60	1-52	2	7/12/12
MW07D	88	78-88	76-90	1-76	2	7/12/12
MW11	45	35-45	33-46	1-33, 46-50	2	7/13/12
MW12	55	45-55	42-56	1-48, 56-60	2	7/14/12
MW13	39.5	34.5-39.5	32-40	1-32	2	7/14/12

FIGURE 3.1 Maximum concentrations of carbon tetrachloride and chloroform in soil samples collected at and near the former CCC/USDA facility and analyzed by the purge-and-trap method. Source of photograph: USDA (2010).

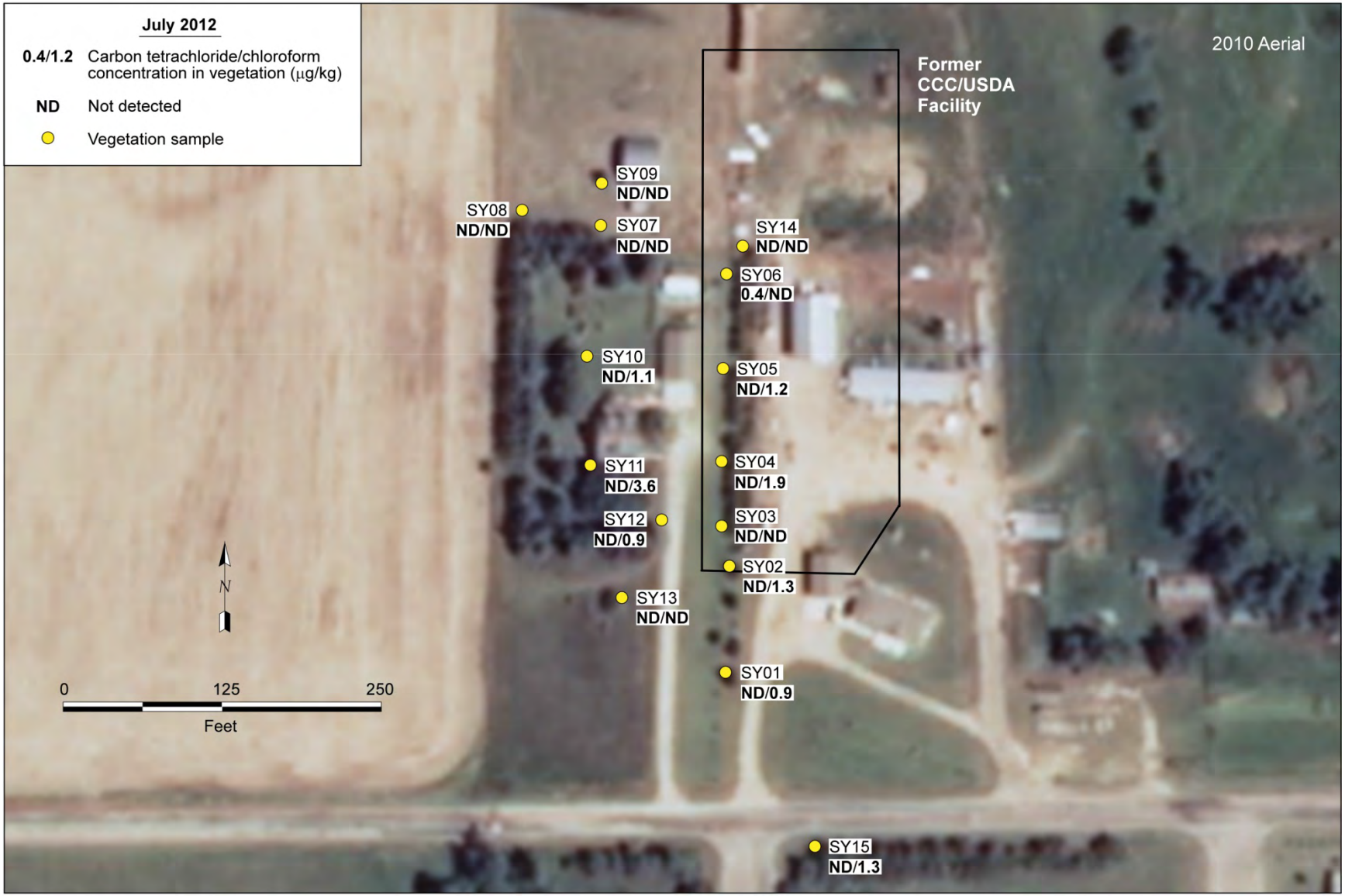

FIGURE 3.2 Analytical results for carbon tetrachloride and chloroform in vegetation samples collected at and near the former CCC/USDA facility. Source of photograph: USDA (2010).

FIGURE 3.3 Analytical results for carbon tetrachloride and chloroform in groundwater samples collected from the perched zone, at and near the former CCC/USDA facility. Source of photograph: USDA (2010).

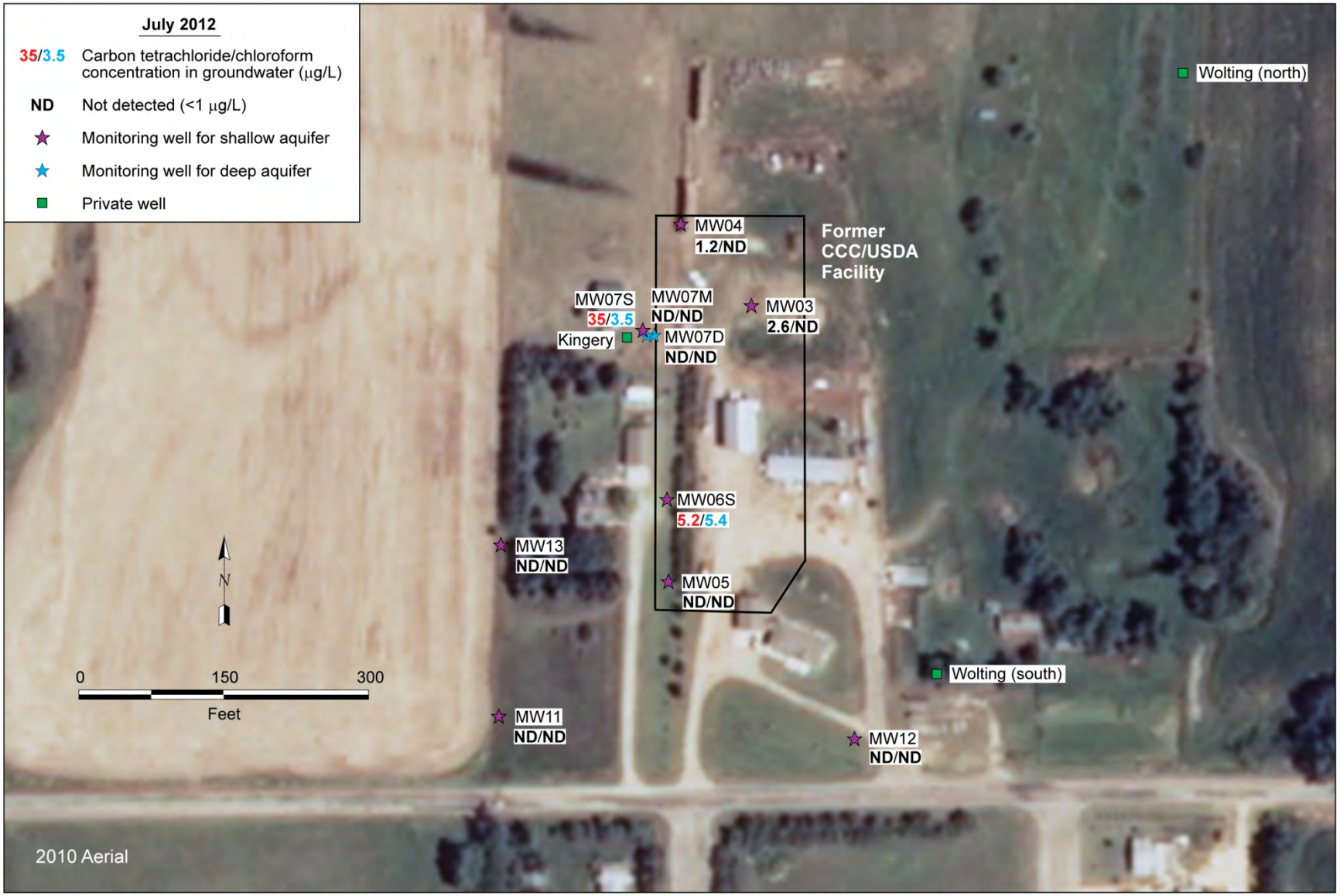

FIGURE 3.4 Analytical results for carbon tetrachloride and chloroform in groundwater samples collected from the shallow and deep groundwater zones, at and near the former CCC/USDA facility. Source of photograph: USDA (2010).

FIGURE 3.5 Analytical results for carbon tetrachloride and chloroform in groundwater samples collected from private wells and public water supply wells in the 2012 environmental investigation. Source of photograph: USDA (2010).

FIGURE 3.6 Analytical results for carbon tetrachloride and chloroform in indoor air and ambient air samples collected in and near the Kingery and Wolting residences in February 2013. Source of photograph: USDA (2010).

4 Data Interpretation

This section presents the interpretation of data acquired in the 2012 environmental site investigation at Sylvan Grove. As discussed in the previous sections, all investigation activities were designed and implemented to address the following specific technical objectives defined in Section 1.2:

- Evaluate the potential for a source of carbon tetrachloride at the former CCC/USDA facility.
- Determine the relationship of potential contamination at the former CCC/USDA facility (if present) to contamination identified in 1998 in groundwater samples from one private well (Kingery) to the west.
- Delineate the extent of potential contamination associated with the former CCC/USDA facility.
- Assess indoor air in the residential structures located within or adjacent to the defined extent of the carbon tetrachloride contamination.

The results of the investigation are discussed and interpreted below in the context of these specific objectives.

4.1 Extent of Soil Contamination and Potential Contaminant Sources at the Former CCC/USDA Facility

An extensive program, including vertical soil profiling through the vadose zone at all investigation locations, was conducted on the former CCC/USDA property, as proposed in the site investigation work plan (Argonne 2012). The purpose of the soil sampling was to identify any remaining carbon tetrachloride, chloroform, or methylene chloride contamination in soil that might be associated with past operations at the former grain storage facility and to determine the extent of contamination in soil and its potential future contribution as a contaminant source to groundwater. The results of VOCs analyses of soil samples by the purge-and-trap method are in Table 3.1.

Vegetation sampling, as an indirect indication of contaminated soil, was also conducted for trees at and near the former CCC/USDA facility. The results of VOCs analysis of the plant tissue samples are in Table 3.2.

4.1.1 Contamination in Soils at the Former CCC/USDA Facility

Continuous vertical soil profiling was performed at each investigation location through the vadose zone to the depth of the first groundwater-bearing zone identified beneath the former CCC/USDA facility. Soil samples were collected at 4-ft intervals with a sonic rig at seven boring locations (SB01-SB05, SB06/SB10, and SB07) within the footprint of the former CCC/USDA facility (Figure 3.1). All soil samples were analyzed for VOCs by the purge-and-trap method (Section 3.2).

Carbon tetrachloride was identified at one only location, SB02 (34 µg/kg), above the method detection limit of 10 µg/kg. Trace concentrations of carbon tetrachloride between the instrument detection limit and the method detection limit were also found at SB01 (3.4-4.2 µg/kg) and SB06/SB10 (1.6-4.6 µg/kg). Neither chloroform nor methylene chloride was detected at any sampling location (Table 3.1). The maximum concentrations of carbon tetrachloride and chloroform at each location are illustrated in Figure 3.1.

As Table 3.1 shows, the low and trace concentrations of carbon tetrachloride in soil occurred consistently in the shallow soil interval at 22-34 ft BGL, in association with the perched aquifer at locations SB01, SB02, and SB06/SB10. The low to trace levels of carbon tetrachloride in soil samples in this interval might result from contamination in groundwater in the perched aquifer. The characteristics of the perched aquifer are discussed in Sections 4.2 and 4.4, and groundwater contamination in the perched aquifer is discussed in Section 4.5. The limited distribution and low levels of carbon tetrachloride in soil indicate that no soil source is available to provide a source of contamination for groundwater via the soil-to-groundwater pathway.

4.1.2 Contamination in Vegetation at the Former CCC/USDA Facility

Samples of tree branch tissues were collected for VOCs analysis at 15 locations (SY1-SY15) at and near the former CCC/USDA facility (Figure 3.2). A trace level of carbon

tetrachloride was found only at SY06 (0.4 µg/kg), confirming that no significant soil source currently remains at the former facility.

As Figure 3.2 shows, chloroform was detected at eight locations (SY01-SY02, SY04-SY05, SY10-SY12, and SY15), at concentrations of 0.9-3.6 µg/kg. The trace levels of chloroform also indicate that no significant source of daughter products of carbon tetrachloride is available in soil. Trace-level detections of chloroform often result from chlorination of the public water supply.

4.2 Site-Specific Geology and Hydrogeology

This section presents a data interpretation to characterize the local stratigraphic units and the groundwater systems at Sylvan Grove. The primary investigation data include (1) a geologic log generated from one deep coring to 90 ft BGL, (2) geologic logs from nine shallow borings to depths of 23-55 ft BGL, and (3) topographic survey data for all borings. These data were analyzed to provide a detailed interpretation of the stratigraphic sequence and the groundwater-bearing systems. The lithologic logs for the investigative borings and the survey data are in Appendix B and Appendix F, respectively.

4.2.1 Local Lithostratigraphic Units

Sylvan Grove lies within the Smoky Hills Upland of the Great Plains physiographic province. The topographic features in this area typically include long, gently sloping pediments of uplands; bold escarpments of deeply dissected uplands; deep, narrow channels of tributary valleys; and broad, flat alluvial valleys along the major streams. These features reflect the different weathering characteristics of the Cretaceous clay, sandstone, shale, and limestone (Berry 1952).

The land surface elevations at Sylvan Grove (including the former CCC/USDA grain storage facility) vary, from uplands at approximately 1,550 ft AMSL (above mean sea level) to the north, to the Saline River and its floodplain at 1,430 ft AMSL to the south (Figure 4.1). The local relief is up to 120 ft. The Saline River is a major river system running from west to east across the middle of the Lincoln County. In the vicinity of Sylvan Grove, the headwaters of

several intermittent creeks dissect the surface of the uplands and drain the local area, generally flowing southward to the Saline River (Figure 4.1).

Regional geologic information indicates that the geologic sequence in the vicinity of Sylvan Grove includes (1) surficial and near-surface Pleistocene eolian deposits and (2) the underlying Cretaceous Dakota Formation, which consists of gray to dark gray shale, sandy shale, and varicolored clays, containing irregular lenticular beds of sandstone (or sands derived from the weathered sandstone) that yield a moderate quantity of water. The site-specific geologic data obtained in the 2012 site investigation are, in general, consistent with the regional information.

On the basis of the site-specific geologic data, the local lithostratigraphic units were further identified in this investigation as summarized in Figure 4.2. These units, in descending order, are (1) loess, (2) upper shale, (3) shallow sand, (4) middle shale, (5) deep sand, and (6) lower shale. The loess unit includes the eolian deposit of Pleistocene age, while the underlying shale and sand units are the part of Dakota Formation of Cretaceous age. The major characteristics of the units are as follows:

- *Unit 1 — Loess.* This unit containing Pleistocene eolian silts and clays has a thickness of 5-19 ft at the former CCC/USDA facility. The upper section of the unit consists primarily of brown to grayish brown silty clay to clayey silt marked by scattered white, calcareous nodules and iron oxide staining. The lower section of the unit might include lenses of sandy silt and sand, as identified at SB01-SB03 and SB11-SB12, at and immediately south of the former facility. A thin layer of clayey, angular gravel (mainly consisting of shale) was found at the base of the unit, on the unconformable erosional surface identified at locations SB01-SB02, SB05-SB06, and SB12-SB13. This thin layer resulted mainly from long-term weathering associated with the underlying Cretaceous shale.

- *Unit 2 — Upper Shale.* This unit is varicolored (gray, grayish brown, brown, to red) and non-calcareous and is defined as the top of the Cretaceous Dakota Formation bedrock. The upper section is silty and highly weathered, with scattered iron oxide staining. The lower section is more clayey. A few relatively thick layers of sandy shale and sand were recovered at various locations. Groundwater was found in the sandy layers where the underlying

shale was denser, more clayey, and less weathered. The perched groundwater is spatially limited and is located mainly at SB01, SB02, and SB06. A higher water content (moist to wet) was also identified in the sandy layer at SB07. However, no water was recovered during drilling at this location.

- *Unit 3 — Shallow Sand.* Unit 3 consists mainly of light brown to dark brown or reddish brown sand, with variable fine to coarse grains at different locations. The unit varies in thickness from 4 ft to more than 19 ft. A few layers of sandstone and sandy shale were recovered at the top and upper part of the unit. The sands were derived from weathered sandstone and sandy shale. The unit is saturated at southern locations on the former CCC/USDA property and in the area south of the property boundary. In the northern part of the former facility (SB03, SB04, and SB07), the upper section of the unit is dry.

- *Unit 4 — Middle shale.* This unit consists of gray to dark gray, clayey shale. It is non-calcareous, relatively dense, and dry.

- *Unit 5 — Deep Sand.* Unit 5 consists predominantly of brown to light gray sand with a few lenses of dark gray shale. The unit is 35 ft thick and was identified and recovered only from the deep boring at SB07. The upper section of the unit is largely medium to coarse grained sand, while the lower section is finer and mainly fine to medium grained. The entire unit is saturated, except for a few lenses of shale with lower water content.

- *Unit 6 — Lower Shale.* This unit is clayey and dry and is identified as the base of Unit 5. The unit was recovered at a depth of 88 ft BGL from the deep boring at SB07. Unit 5 and Unit 6 were identified only at SB07 because of the depth of penetration.

4.2.2 Groundwater-Bearing Zones

Three groundwater-bearing zones were identified in the six lithostratigraphic units discussed above (Figure 4.2): (1) the perched aquifer hosted by a few layers of sand and sandy

shale in the upper shale (Unit 2), (2) the shallow aquifer hosted by the shallow sand (Unit 3), and (3) the deep aquifer hosted by the deep sand (Unit 5). The shale units (Units 2, 4, and 6) separating the aquifers confine the overlying or underlying aquifers. To illustrate the configuration of the hydrostratigraphic units at and near the former CCC/USDA facility, two hydrostratigraphic cross sections were developed at the locations shown in Figure 4.3. The cross sections (A-A' and B-B') are in Figures 4.4 and 4.5, respectively.

Hydrostratigraphic cross section A-A' (Figure 4.4) incorporates the majority of the 2012 site investigation borings, as well as the private livestock/lawn and garden Kingery well, progressing from north to south across the former CCC/USDA facility. Cross section A-A' depicts the local presence of the perched aquifer in the upper shale (Unit 2) and the spatial extent of the shallow (in Unit 3) and deep (Unit 5) aquifers at various locations across the former facility. Hydrostratigraphic cross section B-B' (Figure 4.5) extends from west to east across the southern part of the former facility (Figure 4.3) and illustrates the characteristics of the perched aquifer in Unit 2 and the shallow aquifer in Unit 3 along this line. The cross sections show the following features associated with the three identified aquifers:

- Perched aquifer:

  - The saturated sandy shale and sand in the upper shale unit can be traced laterally at an elevation of 1,460-1,466 ft AMSL at locations SB01, SB02, and SB06 on the former CCC/USDA facility (Figures 4.4 and 4.5). A thin sand layer with relatively high water content is also present at an elevation of 1,462-1,463 ft AMSL at SB07, in close proximity to the perched aquifer, as shown in cross section A-A' (Figure 4.4). Because the thin sand layer is not fully saturated at SB07, insufficient water could be collected from the sand unit at this location for analysis. The hand-dug Kingery well likely intercepts this sand layer with its relatively high water content. The saturated part of the sandy shale and sand layer forms the perched aquifer in the upper shale (Unit 2).

  - The potentiometric surface of the perched aquifer is consistently below the top of the layer of sandy shale and sand (cross section B-B', Figure 4.5). Therefore, the water levels measured at each monitoring well location define the top surface of the perched aquifer.

- The perched aquifer is thin — only about 2-3 ft thick at locations SB01, SB02, and SB06 (cross section B-B', Figure 4.5).

- Shallow aquifer:

  - The saturated sand in the shallow sand (Unit 3) was identified at all locations, with the exception of shallow borings SB01 and SB02, which targeted the perched aquifer. The elevation of the saturated sand layer is roughly 1,450 ft AMSL at SB04, in the northern part of the former CCC/USDA facility, and is near 1,440 ft AMSL or lower at SB11 (Figure 4.4) and at SB06 and SB12-SB13 (Figure 4.5) in the southern part of the former CCC/USDA property and south of the property boundary.

  - The potentiometric surface of the shallow aquifer is below the top of the shallow sand unit in the northern part of the former CCC/USDA facility (SB04 and SB07) but above the shallow sand unit in the southern part of the former facility (Figure 4.4). The water levels measured at wells MW04 and MW07S for the shallow aquifer in Unit 3 therefore define the top surface of the shallow aquifer in the northern part of the former facility.

  - The thickness of the shallow aquifer varies at different locations and is estimated to range from 4 ft to more than 19 ft.

- Deep aquifer:

  - The deep aquifer is located vertically at or below an elevation of 1,435 ft AMSL in the deep sand unit (Unit 5) and was observed/recovered only in the deep boring at SB07 (cross section A-A', Figure 4.4) because of the depth of penetration. The deep aquifer is inferred to extend throughout the upland area (> 1,460 ft AMSL; Figure 4.1) in the vicinity of the former CCC/USDA facility.

  - The potentiometric surface of the deep aquifer is 14 ft higher than the top of the deep sand unit (Figure 4.5).

- The deep aquifer is relatively thick (35 ft at SB07; Figure 4.4) and is the most productive among the aquifers identified in the upland area at Sylvan Grove.

4.3 Groundwater Levels and Flow Patterns

Groundwater levels were monitored in selected monitoring wells installed during the 2012 site investigation. Manual water level measurements were obtained from all monitoring wells in July and September 2012, October 2013, and April 2014. In addition, water levels were measured in two private wells (Wolting [north] and Wolting [south]) if they were accessible on the dates of the general sitewide field measurements. Groundwater levels were also recorded automatically by permanently installed pressure transducers at nine monitoring wells and one private well (Wolting [north]). The instrumented wells were MW06P for the perched aquifer, confined within Unit 2; MW04, MW06S, MW07S, and MW11-MW13 for the shallow aquifer in Unit 3; and MW07M and MW07D for the deep aquifer (Unit 5; Figures 2.6 and 2.7). To improve the understanding of potential groundwater fluctuations in response to local precipitation events, daily rainfall data collected at two National Oceanic and Atmospheric Administration weather stations were obtained for the period of observation (July 2012-April 2014) from the *Climate Data Online* web site (http://www.ncdc.noaa.gov/cdo-web/search?datasetid=GHCND). Beginning on May 2, 2013, precipitation data were obtained from station KS-LC-7, approximately 16 mi east of Sylvan Grove. Earlier data (July 25, 2012, to May 1, 2013) were unavailable from station KS-LC-7 and were obtained instead from station KS-LC-5 at Beverly, about 26 mi east of Sylvan Grove.

The results of the groundwater level measurements are discussed below. The full sets of manually and automatically recorded water levels are in Appendix E and Supplement 2 (on CD), respectively.

Time series data for all recorded locations are shown in Figure 4.6. The detailed hydrographs over a one-month period (September 12 to October 12, 2012) in monitoring wells installed in the shallow aquifer (MW04, MW06S, MW07S, MW11-MW13) are shown in Figure 4.7. Hydrographs for the shallow aquifer in Unit 3 and the deep aquifer in Unit 5 at a single location (MW07S, MW07M, and MW07D) during the same one-month period are compared in Figure 4.8.

Water levels in the perched aquifer (MW06P) were consistently at least 10 ft higher than those in the shallow and deep aquifers (MW04, MW06S, MW07M/D, and MW11-MW13). The hydrograph for well MW06P (Figure 4.6) illustrates good correlation between the water level in the perched aquifer and local rainfall events. Two water level rises in the perched aquifer at the end of August 2012 and late July 2013 are consistent with frequent heavy rainfall events during the same time periods. This observation indicates that the perched aquifer received recharge during this period at a rate much higher than the lateral flow rate in the aquifer. The subsequent water level declines after these two water level rises in the perched aquifer occurred in response to much lower levels of precipitation after the two periods of heavy rainfall. The water level declines are in a range of 2-4 ft.

The hydrographs for wells in the shallow aquifer (in Unit 3) and the deep aquifer (Unit 5) show no apparent correlation with rainfall events (Figure 4.6). The fluctuations of water levels in the shallow and deep aquifers occurred mainly in response to pumping at nearby private wells (Kingery and Wolting [south]). The hand-dug livestock/lawn and garden well on the Kingery property is approximately 17-25 ft from wells MW07S, MW07M, and MW07 and is likely intercepting the shallow and deep aquifers, as shown in Figure 4.4 (cross section A-A'). The private lawn and garden well on the southern part of the Wolting property (Wolting [south]) is about 100 ft east of MW12 and likely intercepts the shallow aquifer, as shown in Figure 4.5 (cross section B-B'). Frequent pumping at the Kingery and Wolting (south) private wells was observed during the field investigation. The pumping effects discussed below confirm the hydraulic connections of the Kingery and Wolting (south) private wells with the associated aquifers, although lithology and completion data are unavailable for these wells.

The water level at MW12 (Figure 4.7) has noticeable, frequent downward spikes that were not observed at other monitoring well locations. The proximity of MW12 to the Wolting (south) well indicates that these short-term drawdowns were in response to pumping at the Wolting (south) well. These downward spikes are typically less than 0.4 ft, reflecting limited pumping times (2-4 hr) at the Wolting (south) well. However, two long-term pumping episodes on September 12-13 and October 3-4, 2012, at this well lasted more than 10 hr and resulted in significant drawdown at MW12 and also wells MW06S, MW11, and MW13 (Figure 4.7). For the longer pumping event on October 3-4, 2012, the maximum drawdown ranged from 0.8 ft at MW11 and MW13 to 1 ft at MW06S and 1.5 ft at MW12. The water levels in MW07S and MW04, located to the north, had limited responses (less than 0.4 ft) to the long-term pumping events. During the pumping event on October 3-4, 2012, the Kingery well was also pumped, as

indicated by the effects shown in Figure 4.8. However, the water level responses resulting from the pumping at the Kingery well were limited, as discussed below in a detailed evaluation of a pumping event at only the Kingery well.

Figure 4.8 compares water level fluctuations in the shallow and deep aquifer zones at location MW07 in response to local pumping of the Kingery well, which is 17-25 ft from the MW07 monitoring wells installed in the shallow aquifer (MW07S) and the upper and lower portions of the deep aquifer (MW07M and MW07D, respectively). The water level fluctuations (Figure 4.8) indicate that the deep aquifer has a significant drawdown response to pumping at the Kingery well, ranging from 0.5 ft to more than 1 ft, for any pumping episode lasting longer than 2 hr, while the shallow aquifer (MW07S) has a limited response (less than 0.4 ft). This observation suggests that the Kingery well withdrew more water from the deep aquifer than from the shallow water during this period of observation.

To evaluate water level responses to pumping of the Kingery well at other monitoring well locations in the shallow aquifer, pumping events were identified that only affected the MW07M and MW07D hydrographs and not the MW12 hydrograph. One such example, which indicates pumping at only the Kingery well, is an event over 8 hr on September 17, 2012 (Figure 4.8). The water level responses to pumping of the Kingery well range from 0.2-0.3 ft at MW06S and MW11-MW13 (Figure 4.7) to 0.15-0.2 ft at MW04 (Figure 4.7) and MW07S (Figure 4.8). The shallow aquifer has much less response to pumping of the Kingery well than to pumping of the Wolting (south) well.

Figure 4.9 depicts a potentiometric surface in the perched aquifer that is very steep (contour interval = 0.5 ft) toward the west. The hydraulic gradient (a dimensionless ratio) of 0.05 might reflect low hydraulic transmissivity (or low permeability and small thickness) of the perched aquifer. The groundwater in the perched aquifer flows toward the west, toward MW06P.

The potentiometric surface in the shallow aquifer is shown in Figure 4.10. The average hydraulic gradient of about 0.01 across the former CCC/USDA facility decreases to 0.001 in the area downgradient from the former facility. The lower hydraulic gradient in the downgradient area is consistent with an increase in the thickness of the shallow aquifer, resulting in higher transmissivity. The hydraulic gradient is 5-50 times lower in the shallow aquifer than in the perched aquifer. The groundwater flow in the shallow aquifer is toward the south to southwest.

The potentiometric surfaces shown in Figures 4.9 and 4.10 were measured on July 25, 2012, when no pumping was occurring at either the Kingery well or the Wolting (south) well. To evaluate the changes in the potentiometric surface induced by the pumping events at one of private wells, two potentiometric surfaces were constructed for the pumping event at only the Kingery well on September 17, 2012, and the event for pumping at both the Kingery and Wolting (south) wells on October 3-4, 2012. The maximum drawdowns occurred at 5 p.m. for the September 17 pumping event and at 7 a.m. for the October event. The water level elevations at each monitoring point were estimated on the basis of the drawdown and were mechanically contoured to derive the potentiometric surface.

Figure 4.11 shows potentiometric surface maps in the shallow aquifer during pumping at only the Kingery well (top panel) and at both the Kingery and Wolting (south) wells (bottom panel). The potentiometric surface during pumping at the Kingery well (Figure 4.11 top) does not show a significantly altered flow pattern, except for lowering of water levels in the area surrounding the Kingery well. For pumping at both wells (Figure 4.11 bottom), the potentiometric surface changed slightly, resulting in groundwater flow toward the south instead of the south to southwest.

The results of the hydrograph analyses, the interpretation of water level changes in response to pumping at the private wells near the former CCC/USDA facility, and the potentiometric surfaces constructed under various hydrologic conditions are summarized as follows:

- Water level fluctuations of up to 4 ft in the perched aquifer are highly correlative with rainfall events, indicating that the perched aquifer has a lower lateral flow rate than the rate of vertical recharge received from rainfall. This observation is consistent with the higher hydraulic gradient (0.5) of the perched aquifer, reflecting its poor lateral transmissivity.

- Water level fluctuations in the shallow aquifer are more responsive to pumping of the Wolting (south) well, while water level fluctuations in the deep aquifer are more sensitive to pumping at the Kingery well, even though the hand-dug Kingery well apparently intercepts all aquifers identified at adjacent boring SB07.

- The groundwater in the perched aquifer flows toward the west, toward MW06P.

- Groundwater in the shallow aquifer flows to the south to southwest, when under no pumping stress. During pumping of only the Kingery well, the groundwater flow direction remains the same, but the water level is lower near the pumping well. During pumping of the Wolting (south) well, the groundwater flow in the shallow aquifer in Unit 3 is shifted slightly toward the south instead of the south-southwest.

4.4 Characteristics of the Aquifer System

This section summarizes interpretations made by integrating all available data and direct or indirect evidence pertaining to the site-specific aquifers composing the hydrogeologic system at and near the former CCC/USDA facility. The characteristics of the local groundwater flow system provide the basis for analyzing contaminant migration pathways in Section 4.5.

4.4.1 Perched Aquifer

4.4.1.1 Physical Distribution

The perched aquifer, the uppermost water-bearing zone at the former CCC/USDA facility, consists of a thin, saturated section of sandy shale and sand layer (2-3 ft) in the upper shale (Unit 2). The saturated portion usually lies on a layer of clayey, dense shale. The perched aquifer extends laterally in a limited area of the former CCC/USDA facility (Figures 4.4-4.5).

4.4.1.2 Hydrogeologic Condition

The perched aquifer exists under unconfined conditions.[1] The measured water level forms the upper surface (water table) of the saturated zone, as shown in cross sections A-A' and B-B'

[1] In an unconfined condition, the upper surface of the zone of saturation forms a water table under atmospheric pressure. In a confined condition, the fine-grained layers above and below the water-bearing zone (the confining

(Figures 4.4 and 4.5, respectively). The fluctuations of the water table are highly correlative with rainfall events because of the relatively high levels of vertical rainfall infiltration, as opposed to limited lateral transmissivity. The aquifer thickness in the sand layer within Unit 2 changes accordingly with rainfall accumulation.

The groundwater in the perched aquifer is not used by any private wells at the former CCC/USDA facility, because of the aquifer's low permeability, limited extend, and poor yield.

4.4.1.3 Lateral Flow and Hydraulic Gradient

The water table in the perched aquifer suggests that the groundwater flows from east to west across the area of the former CCC/USDA facility. The lateral hydraulic gradient (*dh/dl*) is 0.5, which is very high, confirming the poor lateral transmissivity of the aquifer.

The water table in the perched aquifer within the upper shale (Unit 2) is more than 10 ft higher than the potentiometric surface in the shallow aquifer in Unit 3. The high vertical hydraulic gradient also indicates poor communication between the perched and shallow aquifers because of the confining layer of clayey shale in the lower section of the upper shale (Unit 2).

4.4.2 Shallow Aquifer

4.4.2.1 Physical Distribution

The shallow aquifer is a saturated portion of the shallow sand unit (Unit 3). The aquifer extends to all investigation locations, with thickness varying from 4 ft in the northern part of the former CCC/USDA facility (MW04) to more than 19 ft in the downgradient area south of the former facility (MW11; cross section A-A', Figure 4.4).

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layers) are impermeable to water. In a leaky-confined condition, the fine-grained layers are somewhat less impermeable, and consequently some water is lost to or gained from the surrounding confining layers.

4.4.2.2 Hydrogeologic Condition

The shallow aquifer exists under unconfined to leaky confined conditions.[1] The water levels (potentiometric surface) measured in monitoring wells (MW03, MW04, and MW07S) in the northern part of the former facility were below the top of Unit 3, while the water levels in the southern part of facility were 4-11 ft higher than the vertical position of the top of the shallow sand (Unit 3). The shallow aquifer is confined or partially confined by the lower section of the upper shale (Unit 2), which has relatively low permeability, in the southern part of the former facility. This relationship is illustrated in cross sections A-A' and B-B' (Figures 4.4 and 4.5, respectively).

Groundwater in the shallow aquifer is used by the (Wolting [south]) lawn and garden well, located southeast of the former CCC/USDA facility and about 120 ft east of MW12. Groundwater in the shallow aquifer is also intercepted by the Kingery well (livestock/lawn and garden well), although less water is withdrawn from the shallow aquifer than from the deep aquifer.

4.4.2.3 Lateral Flow and Hydraulic Gradient

Under ambient conditions, groundwater in the shallow aquifer flows to the south-southwest with a varying hydraulic gradient from 0.01 on the former CCC/USDA property to 0.001 in the area downgradient from the former facility. Under pumping of the Kingery well, groundwater flow, in general, remains the same, except for a lower potentiometric surface surrounding the pumping well. However, under long-term pumping (10 hr or more) at the Wolting (south) well, the groundwater flow direction would be shifted slightly to southward from south-southwest.

4.4.3 Deep Aquifer

4.4.3.1 Physical Distribution

The deep aquifer, with a thickness of 35 ft observed at SB07 (MW07), is one of major aquifers for the local area (cross section A-A', Figure 4.4). The deep aquifer is expected to

extend throughout the upland area (> 1,460 ft AMSL) in the vicinity of the former CCC/USDA facility, north of the Saline River and its floodplain (< 1,460 ft AMSL; Figure 4.1).

4.4.3.2 Hydrogeologic Condition

The deep aquifer (Unit 5) exists under confined conditions. Water levels (the potentiometric surface) measured in monitoring wells MW07M and MW07D are 13 ft higher than the vertical position of the top of the deep sand (Unit 5). This relationship is illustrated in cross section A-A' (Figure 4.4).

Groundwater in the deep aquifer is used by the livestock/lawn and garden well on the Kingery property. On the basis of its thickness and depth, the deep aquifer is the primary source of groundwater for private wells in the upland (> 1,460 ft AMSL) bordering the Saline River and its floodplain (Figure 4.1). In the floodplain, the fluvial deposit overlying the bedrock provides the source of groundwater for the public water supply wells (PWS5 and PWS6) at Sylvan Grove.

4.4.3.3 Lateral Flow and Hydraulic Gradient

The deep aquifer was encountered at only one deep boring (SB07). The lateral flow of the deep aquifer was not investigated, because no contamination was identified in the aquifer at this location (see Section 4.5). However, the groundwater in the deep aquifer likely flows to the south, following the topographic change from the upland toward the floodplain of the Saline River (Figure 4.1). The water level in the lower part of the deep aquifer is higher than that in the upper part of the aquifer (Figure 4.2), indicating an upward hydraulic gradient in this aquifer.

4.5 Delineation of Groundwater Contamination

The lithostratigraphic and hydrologic characteristics of the subsurface environment at Sylvan Grove define the hydrogeologic framework controlling the distribution of carbon tetrachloride contamination potentially associated with the former CCC/USDA facility. Groundwater sampling to delineate the groundwater contamination at Sylvan Grove was therefore guided by the interpretation of multiple aquifers and groundwater flow patterns, as presented in Sections 4.2-4.4, in conjunction with the contaminant source characteristics

identified in Section 4.1. Groundwater samples were collected from three monitoring wells for the perched aquifer, eight monitoring wells for the shallow aquifer, and two monitoring wells for the deep aquifer (Figures 4.12 and 4.13; Table 3.4). In addition, groundwater samples were also collected from all accessible private and public water supply wells (Table 3.4).

4.5.1 Contaminant Distribution in the Perched Aquifer

The spatial distributions of carbon tetrachloride and chloroform in samples collected from the perched aquifer are shown in Figure 4.12. The approximate lateral and vertical extents of the perched aquifer and its contamination are illustrated in hydrogeologic cross sections A-A' and B-B' (Figures 4.14 and 4.15).

As shown in Figure 4.12, the concentrations of carbon tetrachloride and chloroform in the perched aquifer increase from the upgradient (MW02) area to the downgradient (MW06P) area. The maximum concentrations are 131 µg/L for carbon tetrachloride and 8.4 µg/L for chloroform, both at downgradient location MW06P.

The perched aquifer has limited spatial extent and poor transmissivity, as discussed in Section 4.4.1. Recharge to the perched aquifer from extensive rainfall can result in a higher water table (up to 4 ft), as observed during the period July 2012 to April 2014. The high water table provides a major driving force for downward contaminant migration through the underlying low-permeability shale in Unit 2, to the shallow aquifer. Because of this migration mechanism, the contamination in the perched aquifer (in Unit 2) becomes the source of the contamination in the shallow aquifer (in Unit 3), even though the poor permeability of the confining layer (the lower section of Unit 2) results in significantly reduced contaminant concentrations in the shallow aquifer (Section 4.5.2).

4.5.2 Contaminant Distribution in the Shallow Aquifer

The spatial distribution of carbon tetrachloride and chloroform in groundwater samples collected from eight monitoring wells in the shallow aquifer is shown in Figure 4.13. A private well (Wolting [south]) that withdraws groundwater from the shallow aquifer for lawn and garden use is located about 200 ft southeast of the former CCC/USDA facility (Figures 4.13 and 4.15). Another private hand-dug well that is inferred to intercept both the shallow and deep aquifers is

on the Kingery property, directly adjacent to the former facility. Groundwater from both wells was collected for VOCs analysis. The results are shown in Figures 4.14 and 4.15.

The contaminant concentrations were much lower in the shallow aquifer (35 µg/L for carbon tetrachloride at MW07S and 5.4 µg/L for chloroform at MW06S) than in the perched aquifer. Carbon tetrachloride was also found at 14 µg/L in groundwater from the Kingery well, which is 17 ft west of MW07S. Groundwater samples collected from the Kingery well probably represent mixed groundwater from both the shallow and deep aquifers, as discussed in Section 4.3. The historical carbon tetrachloride data for the Kingery well (Figure 4.16) suggest a consistently decreasing concentration trend from 26.2-33.6 µg/L in 1998 to 18.2 µg/L in 2006 and 14 µg/L in 2012.

Low levels of carbon tetrachloride (1.2-5.2 µg/L) were found in groundwater from wells MW03, MW04, and MW06S (Figure 4.13). No carbon tetrachloride was detected in groundwater at downgradient wells MW05 and MW11-MW13 or at the private Wolting (south) well.

The extent of carbon tetrachloride contamination in groundwater in the shallow aquifer (Unit 3) above the MCL is estimated to be 160 ft wide and 290 ft long, located mainly on the former CCC/USDA facility (Figure 4.13). As discussed in the site investigation work plan (Argonne 2012), the former CCC/USDA facility was in operation in 1954-1966. Any possible release of fumigant-related contaminant to the subsurface would have occurred at least 46 yr before the 2012 investigation. The current carbon tetrachloride and chloroform distributions at the former CCC/USDA facility indicate very limited migration of the groundwater plume in the shallow aquifer over the intervening time. The containment of the groundwater plume in the shallow aquifer (in Unit 3) on and near the former CCC/USDA property results from multiple factors, such as very slow vertical leakage from the overlying perched aquifer through the confining layer of the shale unit, the low lateral hydraulic conductivity of the shallow aquifer, the effects of pumping at the Kingery well, or combination of these and additional factors.

4.5.3 Contaminant Distribution in the Deep Aquifer

Groundwater samples were collected for VOCs analysis from two monitoring wells (MW07M and MW07D) in the deep aquifer. The results for all accessible private wells and public water supply wells are in Table 3.4. Many private wells in the vicinity of the former

CCC/USDA facility are expected to withdraw groundwater from the deep aquifer, as no evidence of carbon tetrachloride or chloroform was detected in groundwater from any private well except the Kingery well. As discussed in Section 4.5.2, groundwater in the Kingery well is drawn from both the shallow and deep aquifers.

4.6 Potential Vapor Intrusion Attributable to Groundwater Contamination

The interpretation of multiple aquifer characteristics and groundwater flow patterns, along with the contaminant distribution data obtained, suggests that the extent of carbon tetrachloride is limited to a small area associated with the perched aquifer, defined by MW01, MW02, and MW06P, and to a larger area (290 ft long and 160 ft wide) in the shallow aquifer at the former CC/USDA facility (Figures 4.12 and 4.13), as discussed in Section 4.5. The two residential structures on the Kingery and Wolting properties are located within the KDHE (2007) guideline of 100 ft laterally from the carbon tetrachloride contamination in the perched and shallow aquifers. To evaluate the potential for possible upward vapor migration of carbon tetrachloride from groundwater into the indoor air in the residences, certified Summa canisters were used to collect indoor air samples for VOCs analysis in the main room of the basement and the living room on the main floor in each home over a period of 24 hr. As an indirect, supplemental indicator of a vapor intrusion pathway to indoor air, passive radon test kits were used to collect samples for radon analysis in the basement of each home. In addition, ambient air samples were collected as a background control outside each residence. The results are summarized in Tables 3.5 and 3.6 and illustrated in Figure 3.6. The detailed sampling logs are in Appendix D.

The results of VOCs analysis of air samples (Table 3.5) indicate that no carbon tetrachloride was found at any sampling point in the basement or living room in either home. However, significant radon concentrations were found in the indoor air in the basements of the Wolting home (7.1-7.2 pCi/L) and the Kingery home (19.3-20.4 pCi/L). This observation suggests that upward vapor intrusion into the basements from the subsurface is present but that the soil vapor beneath the homes contains no carbon tetrachloride. The pathway for carbon tetrachloride from groundwater upward to the shallow subsurface beneath the homes is incomplete.

The higher concentration of radon in the Kingery home could be associated with the condition of the foundation and variations in soil vapor. The Wolting home was built in 2004,

while the Kingery home is decades old. Radon is a naturally occurring substance that is unrelated to any grain fumigants used at the former CCC/USDA grain storage facility. The average concentration of radon in Lincoln County is 5.8 pCi/L (http://county-radon.info/KS/Lincoln.html). The EPA's action level for radon is 4 pCi/L.

Trace levels of chloroform were detected at 3.1 µg/m^3 in basement air and 3.7 µg/m^3 in the living room air on the first floor of the Wolting home (Table 3.5 and Figure 3.6). No decreasing trend was found in upward vapor migration from the basement to first floor. Multiple factors that can contribute trace levels of chloroform to indoor air include chlorination of water from the public water supply system, house cleaning products, and cosmetic products (http://www.law.cornell.edu/cfr/text/21/700.18). The results of vegetation sampling also showed trace levels of chloroform in plant tissues collected from trees located outside the groundwater contamination area (Table 3.2 and Figure 3.2).

Methylene chloride was detected at extremely low concentrations of 1.6 µg/m^3 in the basement and 1.4 µg/m^3 on the first floor of the Wolting home. Methylene chloride could be a degradation product of chloroform.

4.7 Conceptual Model of Contaminant Migration Pathways

The geology, hydrogeology, groundwater level monitoring, and contaminant distribution data presented in Sections 4.1-4.5 provide the technical basis for development of an integrated conceptual model of groundwater flow and contaminant migration in the system of multiple aquifers in the Cretaceous Dakota Formation at Sylvan Grove. The key elements of this working conceptual model are summarized as follows:

- *Vertical infiltration through the vadose zone at the former CCC/USDA facility (migration pathway I in Figures 4.14 and 4.15).* The presence of carbon tetrachloride in the underlying perched aquifer at MW01 and MW06P (in the southern part of the former CCC/USDA facility) and in the shallow aquifer at MW07S and MW04 (in the northern part of the former CCC/USDA facility) are likely the result of vertical infiltration of carbon tetrachloride through the vadose zone in the loess (Unit 1) and the upper section of the upper shale (Unit 2) in the past. However, no carbon tetrachloride, chloroform, or

methylene chloride currently remains in the vadose zone soils, except in or near the perched aquifer at the former CCC/USDA grain storage facility. This finding indicates the absence of a soil source of contamination to support future contaminant migration through the soil-to-groundwater pathway.

- *Extremely limited lateral migration in the perched aquifer that is confined within the upper shale (Unit 2) (migration pathway II, Figures 4.14 and 4.15).* Contaminants in the perched aquifer are confined laterally and vertically within the low permeable shale (Unit 2) and were found only in the central and southern portions of the former CCC/USDA property. The concentrations of carbon tetrachloride range from a low value of 7 µg/L at upgradient location MW02 to a maximum of 131 µg/L at downgradient location MW06P. The limited lateral migration is driven by local recharge from rainfall infiltration.

- *Vertical migration from the perched aquifer to the shallow aquifer (migration pathway III in Figures 4.14 and 4.15).* The presence of low levels of contamination in the shallow aquifer in Unit 3 underlying the perched aquifer confined within Unit 2 at MW06P results from vertical leakage through the confining lower section of the upper shale (Unit 2) to the shallow aquifer in Unit 3. However, the poor permeability of the confining layer slows or impedes infiltration, resulting in significantly reduced concentrations of carbon tetrachloride in the shallow aquifer.

- *Limited lateral migration in the shallow aquifer hosted by the shallow sand (Unit 3) (migration pathway IV, Figure 4.14).* The lateral migration of contaminants in the shallow aquifer is from north to south-southwest under ambient conditions and to the south during pumping at the Wolting (south) well. The estimated maximum length of the carbon tetrachloride distribution along the flow direction is only 290 ft over a migration period of at least 46 yr. Such limited lateral migration has resulted from multiple factors, such as slow vertical leakage rates from the overlying perched aquifer through the confining layer of the shale unit, the low lateral hydraulic conductivity of the shallow aquifer, the effects of intermittent pumping at the Kingery well, and/or a combination of all the factors.

- *Incomplete vertical migration from the shallow aquifer to the deep aquifer*. Results of groundwater sampling for the deep aquifer at monitoring wells and private wells indicate no contamination in the deep aquifer in the vicinity of the former CCC/USDA facility. The absence of contamination in the deep aquifer indicates that vertical migration from the shallow aquifer to the deep aquifer is incomplete.

- *Incomplete upward vapor migration of carbon tetrachloride from groundwater to the residential structures*. No carbon tetrachloride was identified in any indoor air samples from the Kingery and Wolting homes, which are both in close proximity to the groundwater contamination in the perched and shallow aquifers, although upward migration of soil vapor into the structures was confirmed by the high concentrations of radon detected in the basements of both homes. The absence of carbon tetrachloride in the basements indicates that the pathway for upward vapor migration of carbon tetrachloride from groundwater is incomplete.

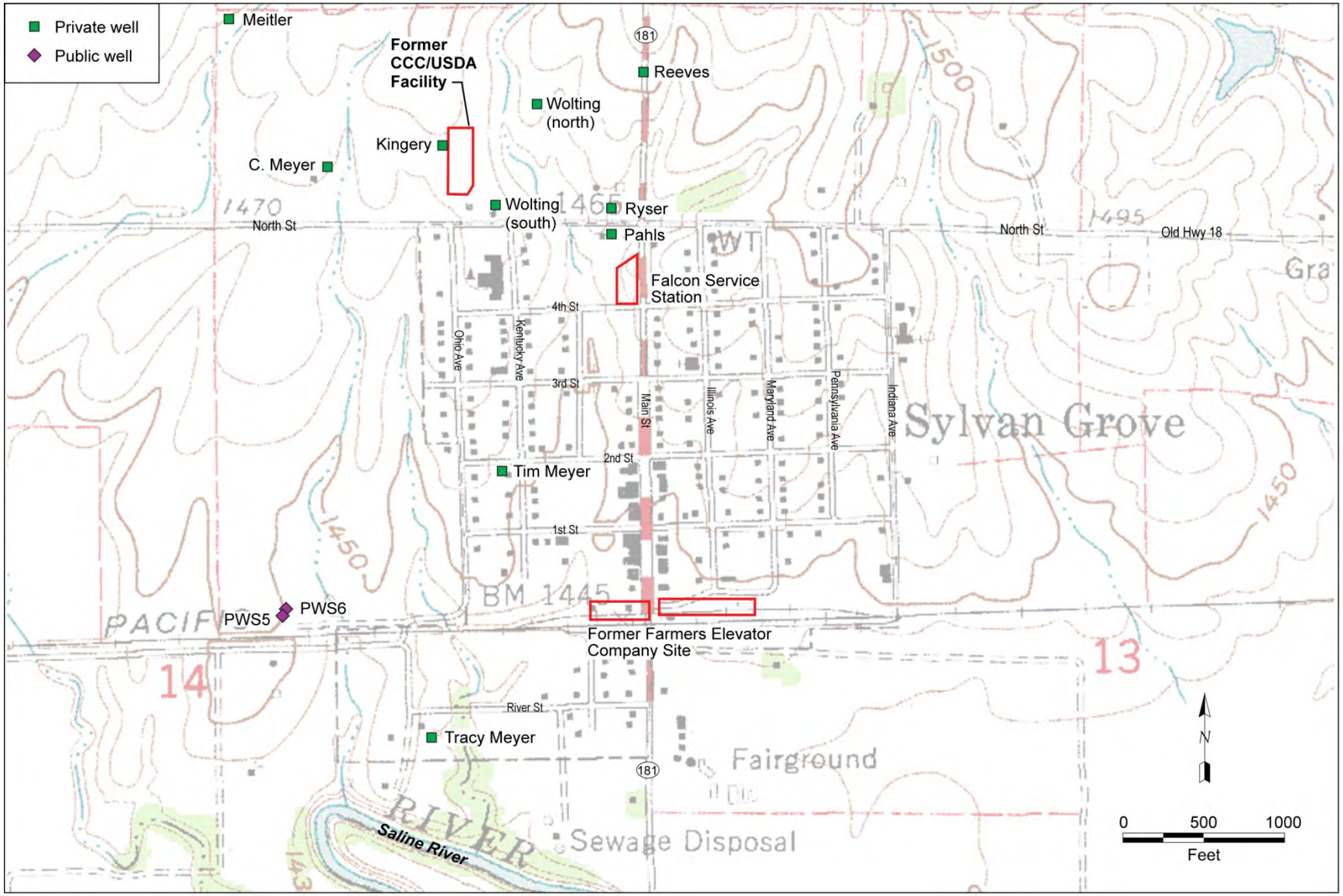


FIGURE 4.1 Local topography in the vicinity of the former CCC/USDA facility at Sylvan Grove and locations of private wells and public water supply wells that were sampled in the 2012 site investigation. Source of 1982 topographic map: USGS (1997).

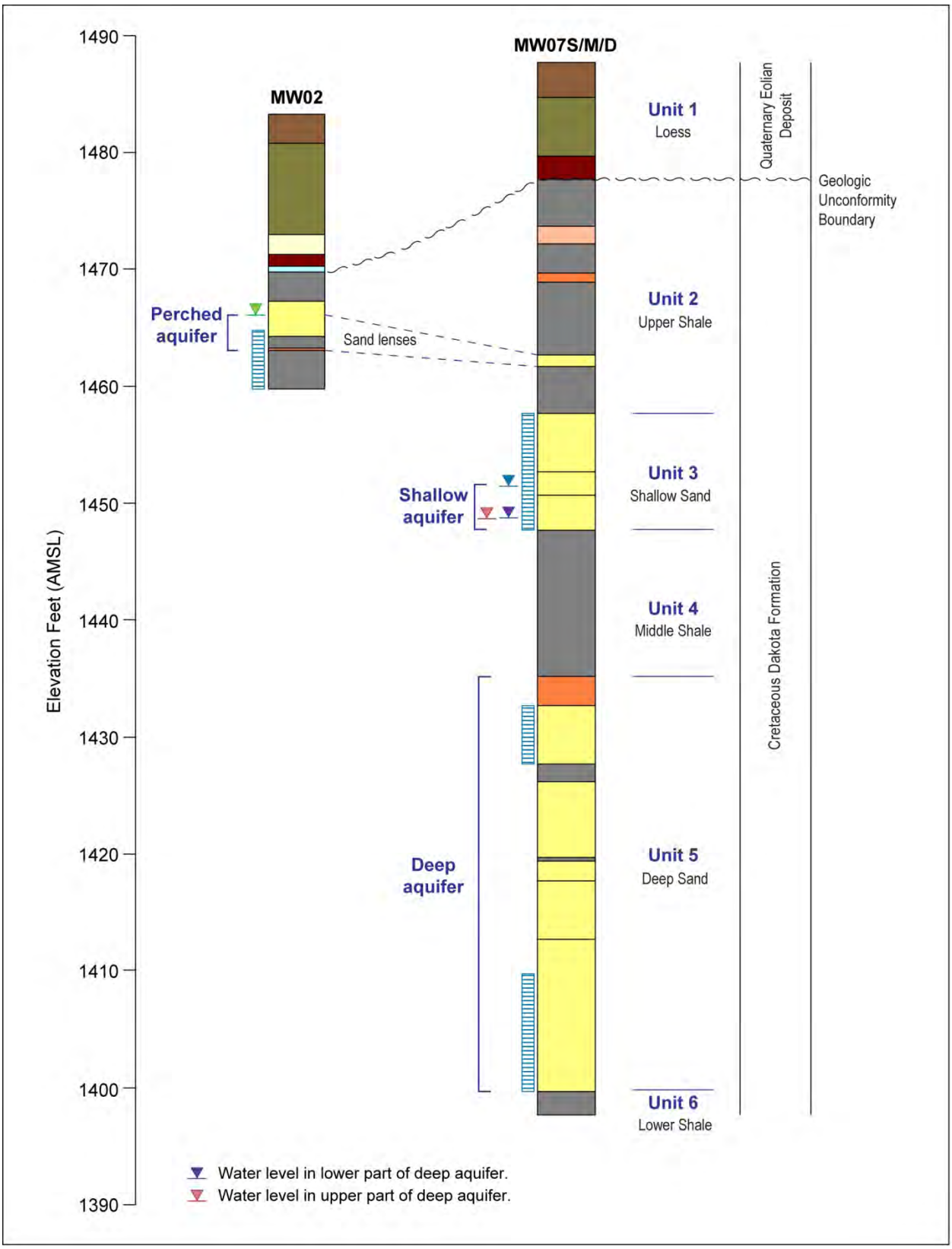


FIGURE 4.2 General sequence of local lithostratigraphic units at the former CCC/USDA facility.

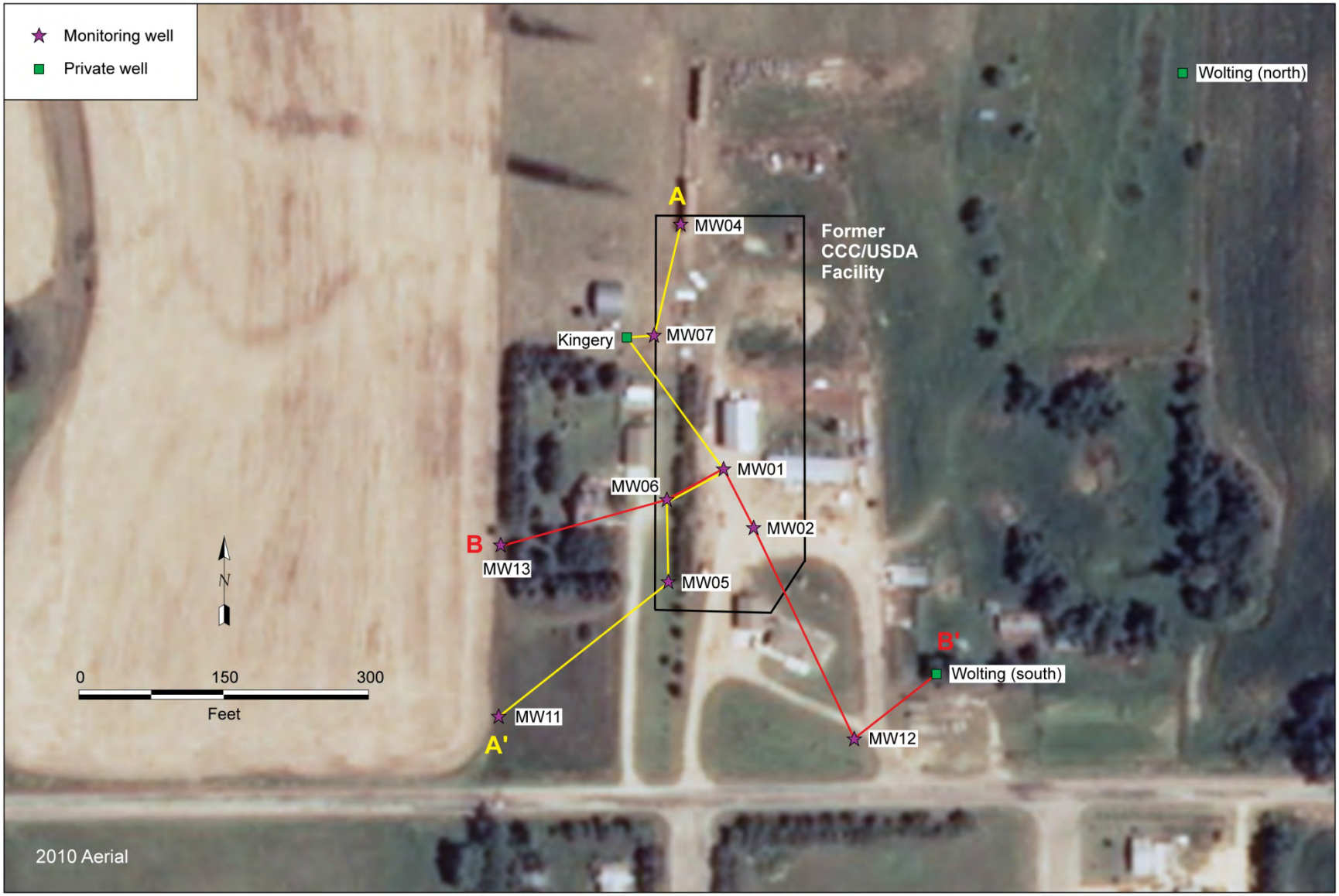


FIGURE 4.3 Locations of monitoring wells and hydrogeologic cross sections A-A' and B-B' on and near the former CCC/USDA facility. Source of photograph: USDA (2010).

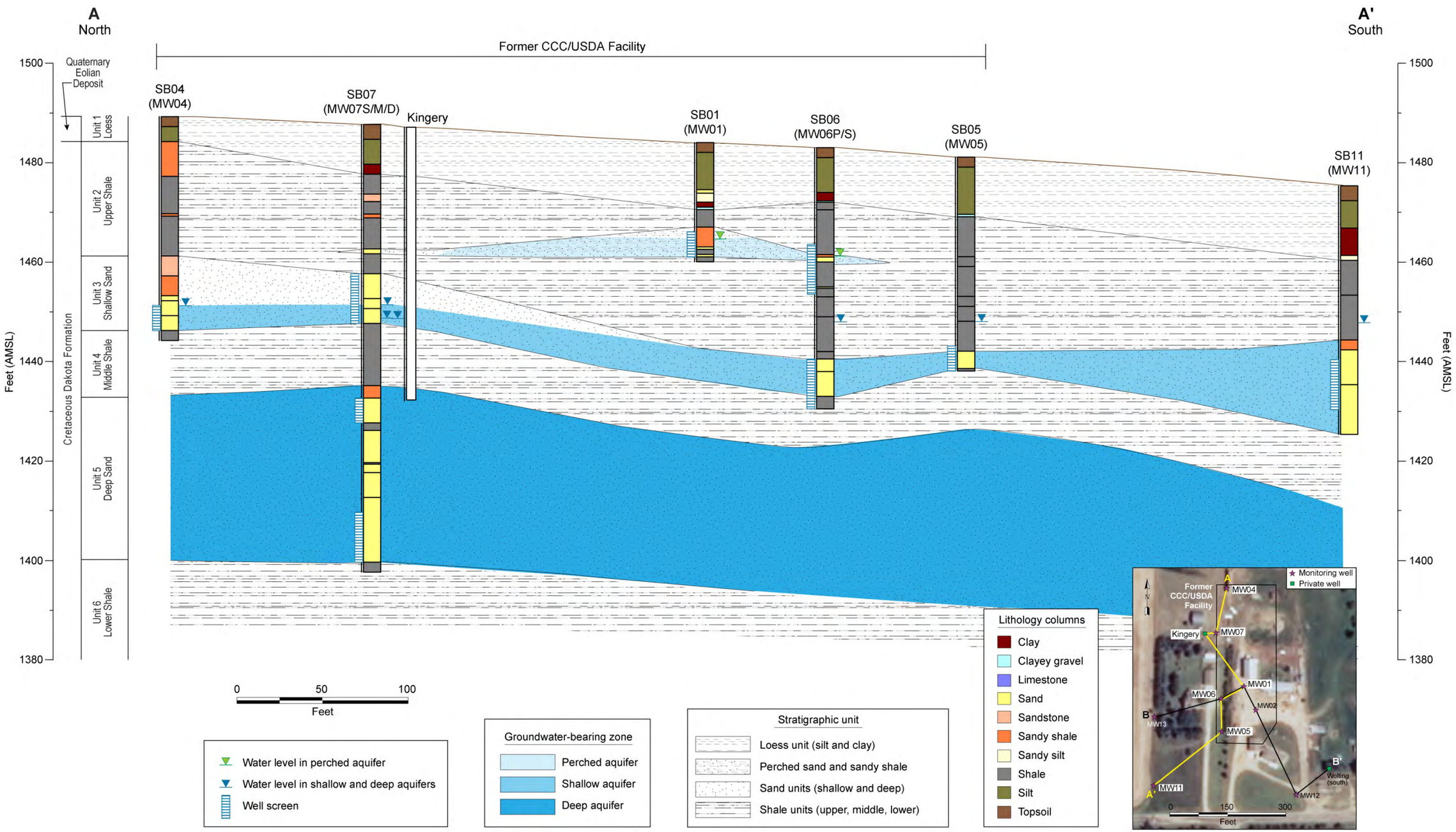


FIGURE 4.4 Interpretive north-to-south hydrogeologic cross section A-A' across the investigation area.

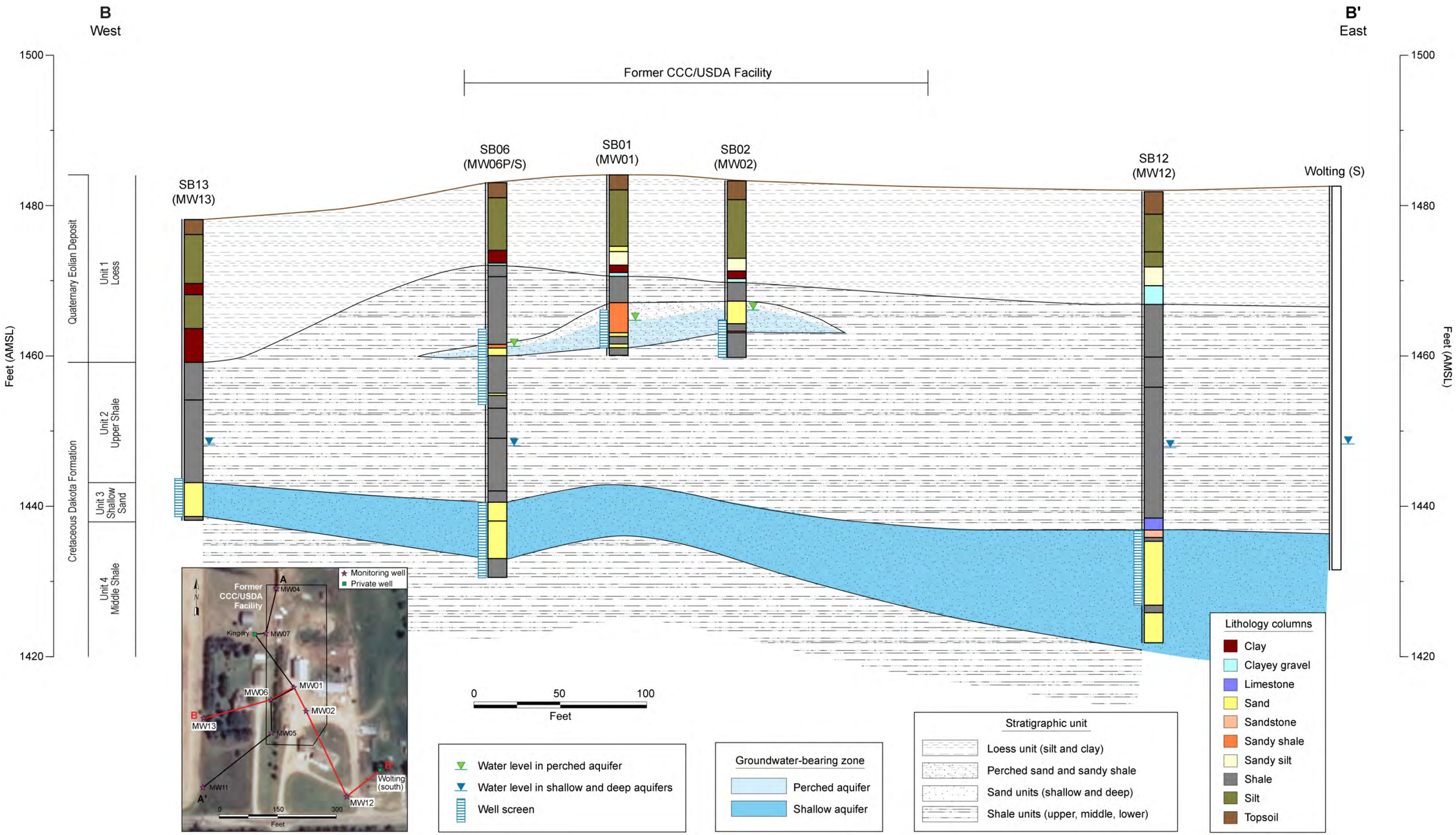


FIGURE 4.5 Interpretive west-to-east hydrogeologic cross section B-B' across the investigation area.

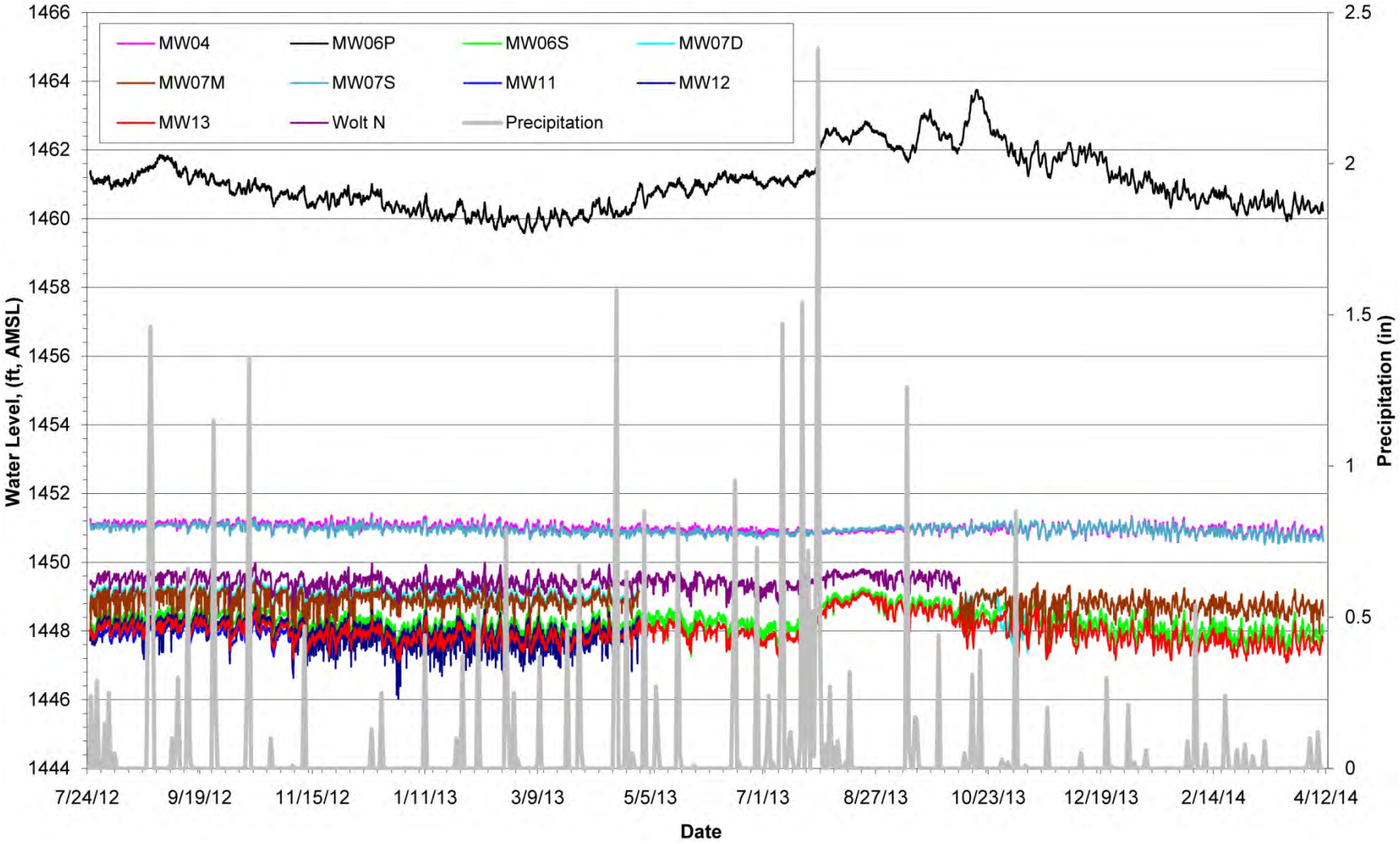


FIGURE 4.6 Hydrographs observed for the perched, shallow, and deep aquifers from July 2012 to April 2014 in selected monitoring wells at and near the former CCC/USDA facility.

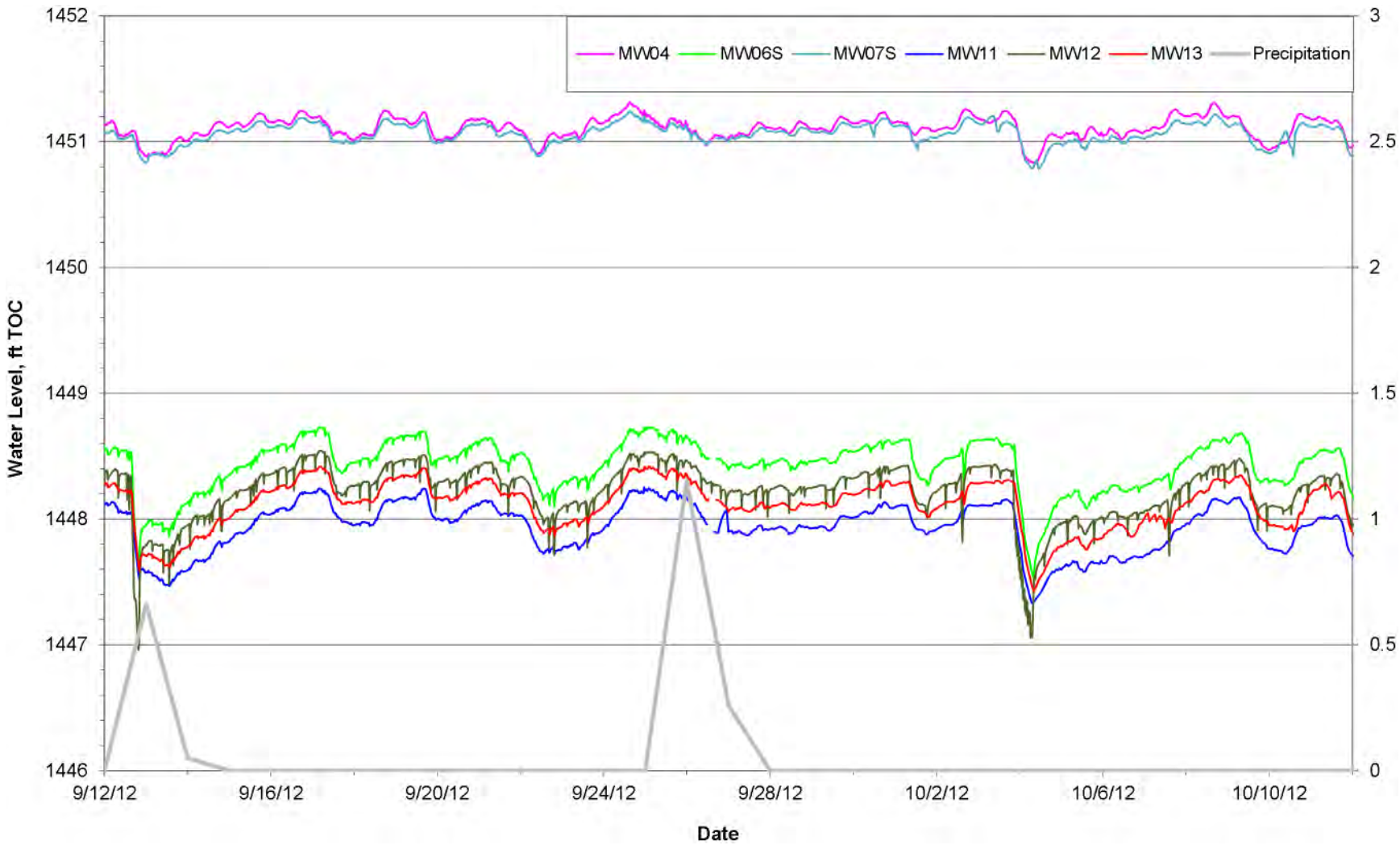


FIGURE 4.7 Detailed hydrographs observed for the shallow aquifer over a one-month period from September 12, 2012, to October 12, 2012, at and near the former CCC/USDA facility.

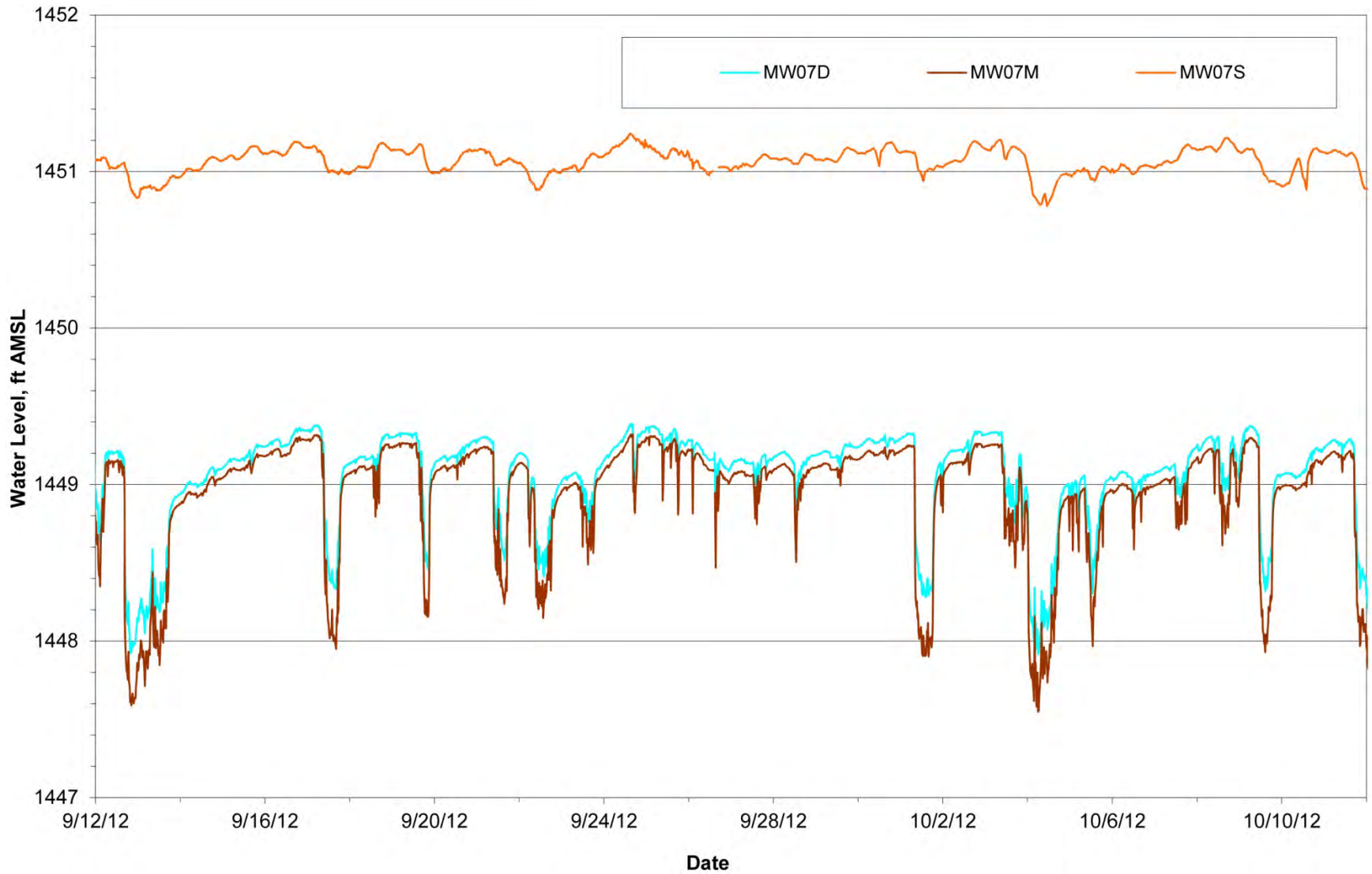


FIGURE 4.8 Detailed hydrographs observed for the shallow and deep aquifers over one-month period from September 12, 2012, to October 12, 2012, at location MW07, near the Kingery well.

FIGURE 4.9 Potentiometric surface for the perched aquifer at the former CCC/USDA facility, based on water levels measured on July 25, 2012. Source of photograph: USDA (2010).

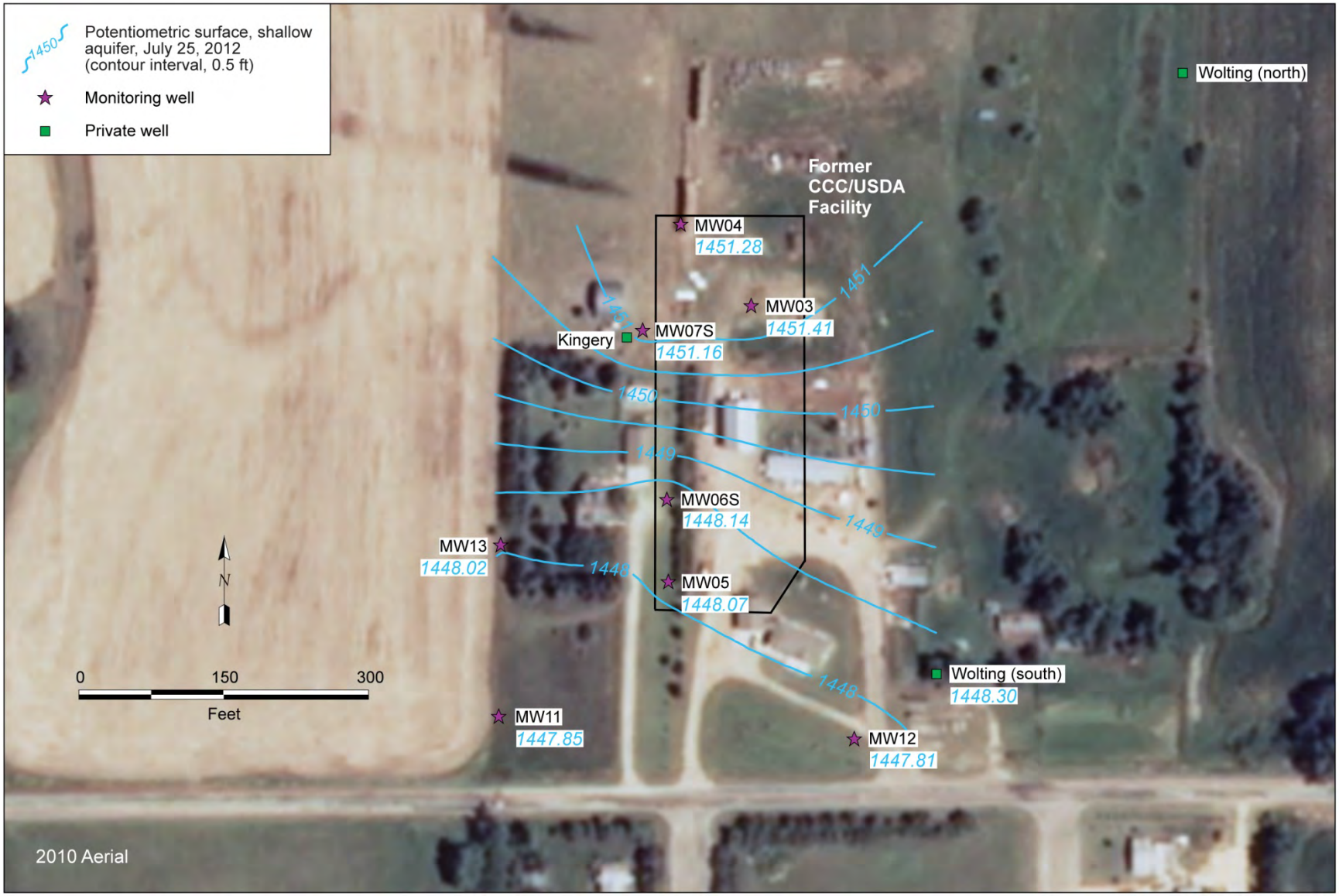
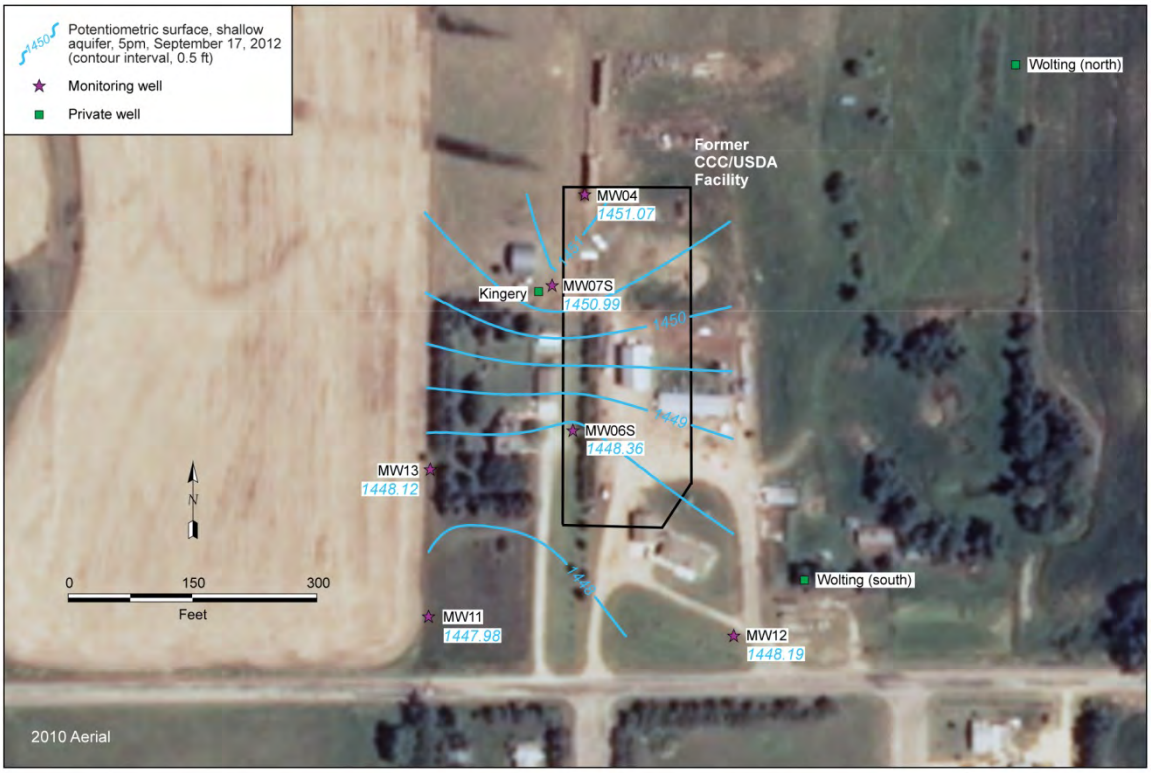


FIGURE 4.10 Potentiometric surface for the shallow aquifer at the former CCC/USDA facility, based on water levels measured on July 25, 2012. Source of photograph: USDA (2010).



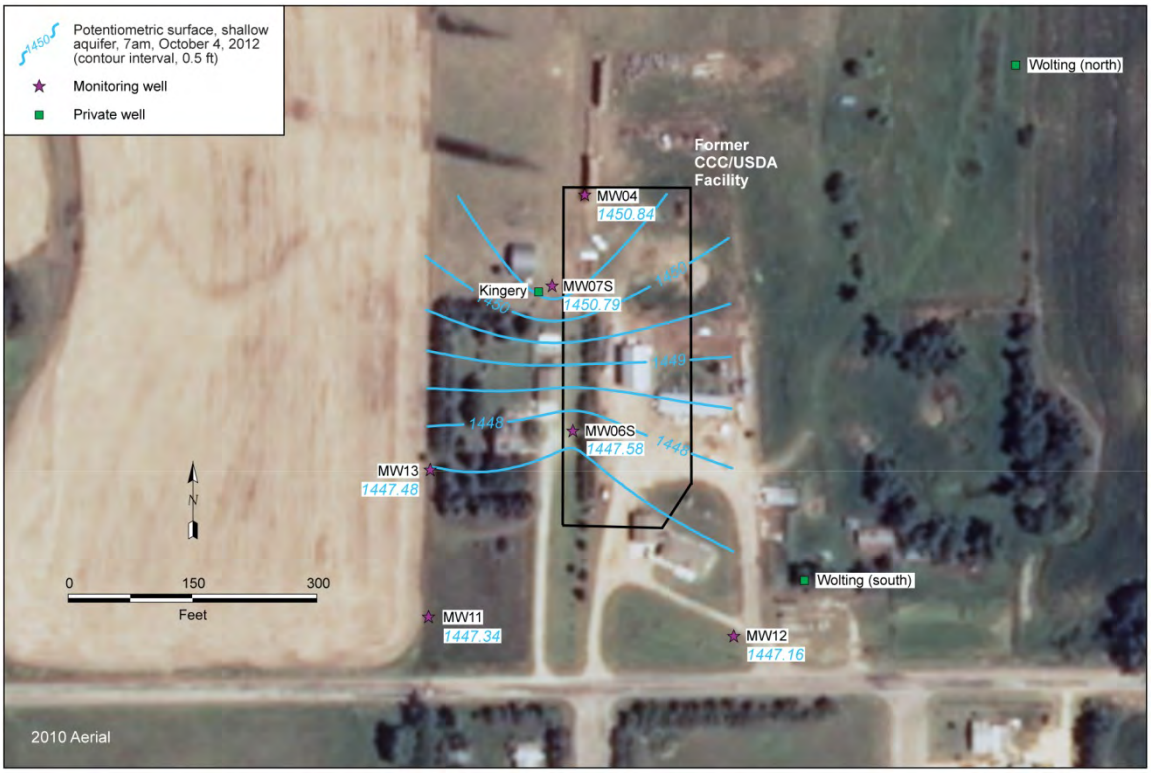


FIGURE 4.11 Potentiometric surface for the shallow aquifer during pumping at the private wells near the former CCC/USDA facility, based on water levels recorded at (top) 5 p.m. on September 17, 2012, and (bottom) 7 a.m. on October 4, 2012. Source of photograph: USDA (2010).

FIGURE 4.12 Areal distribution of carbon tetrachloride and chloroform and potentiometric surface in the perched aquifer at the former CCC/USDA facility, July 2012. Source of photograph: USDA (2010).

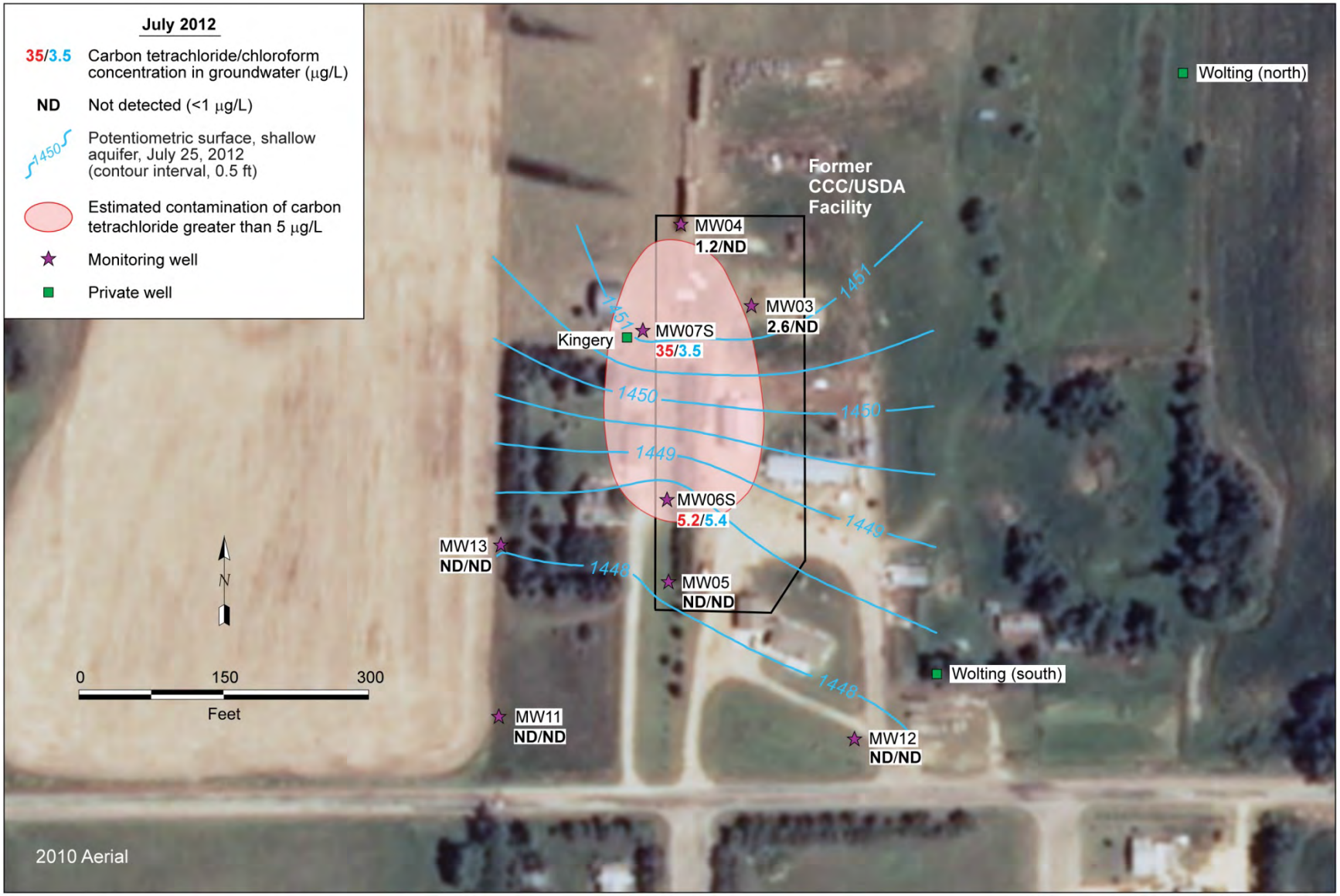


FIGURE 4.13 Areal distribution of carbon tetrachloride and chloroform and potentiometric surface in the shallow aquifer at and near the former CCC/USDA facility, July 2012. Source of photograph: USDA (2010).

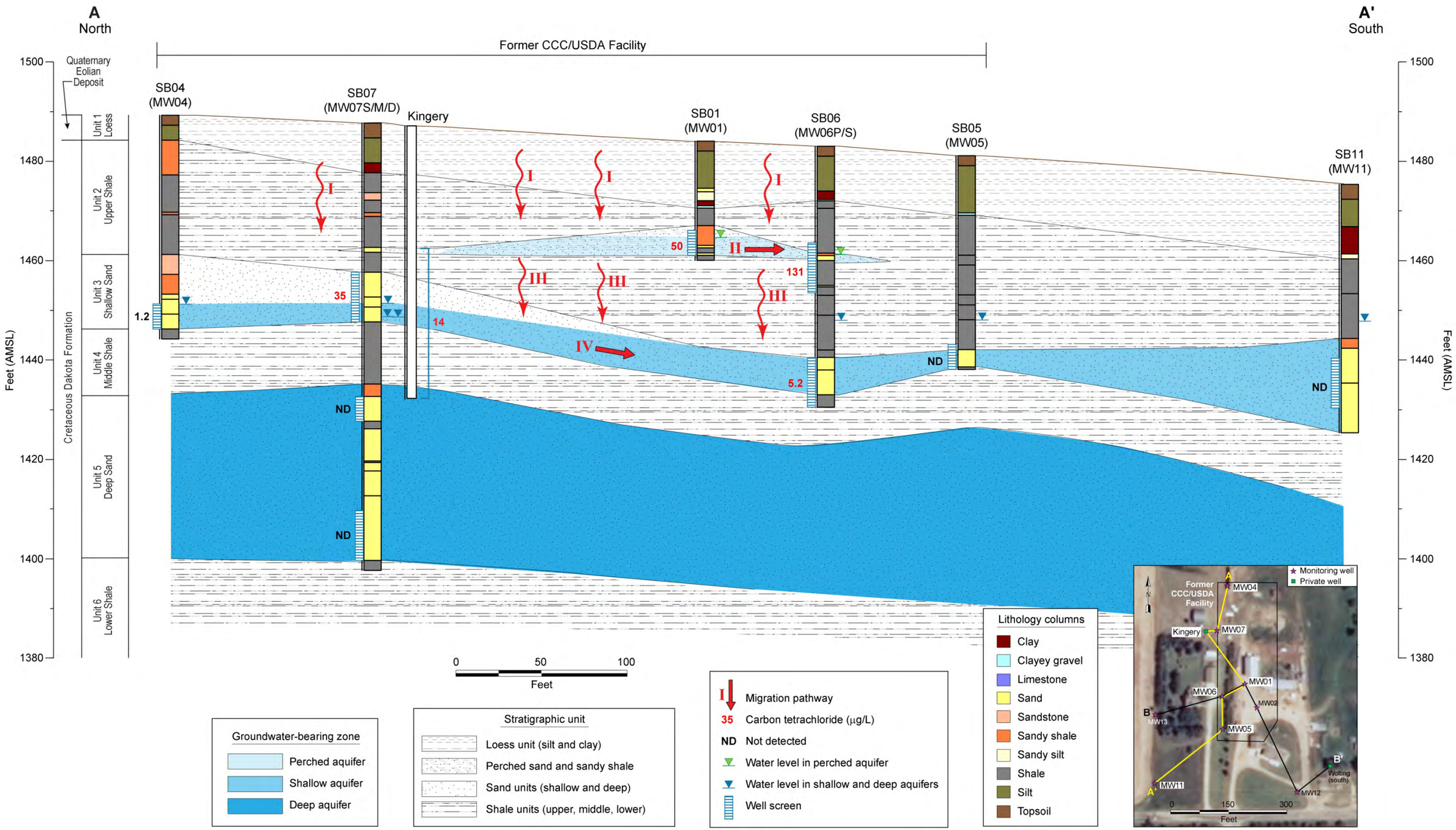


FIGURE 4.14 Vertical and lateral distribution of carbon tetrachloride in groundwater along north-to-south hydrogeologic cross section A-A', at and near the former CCC/USDA property.

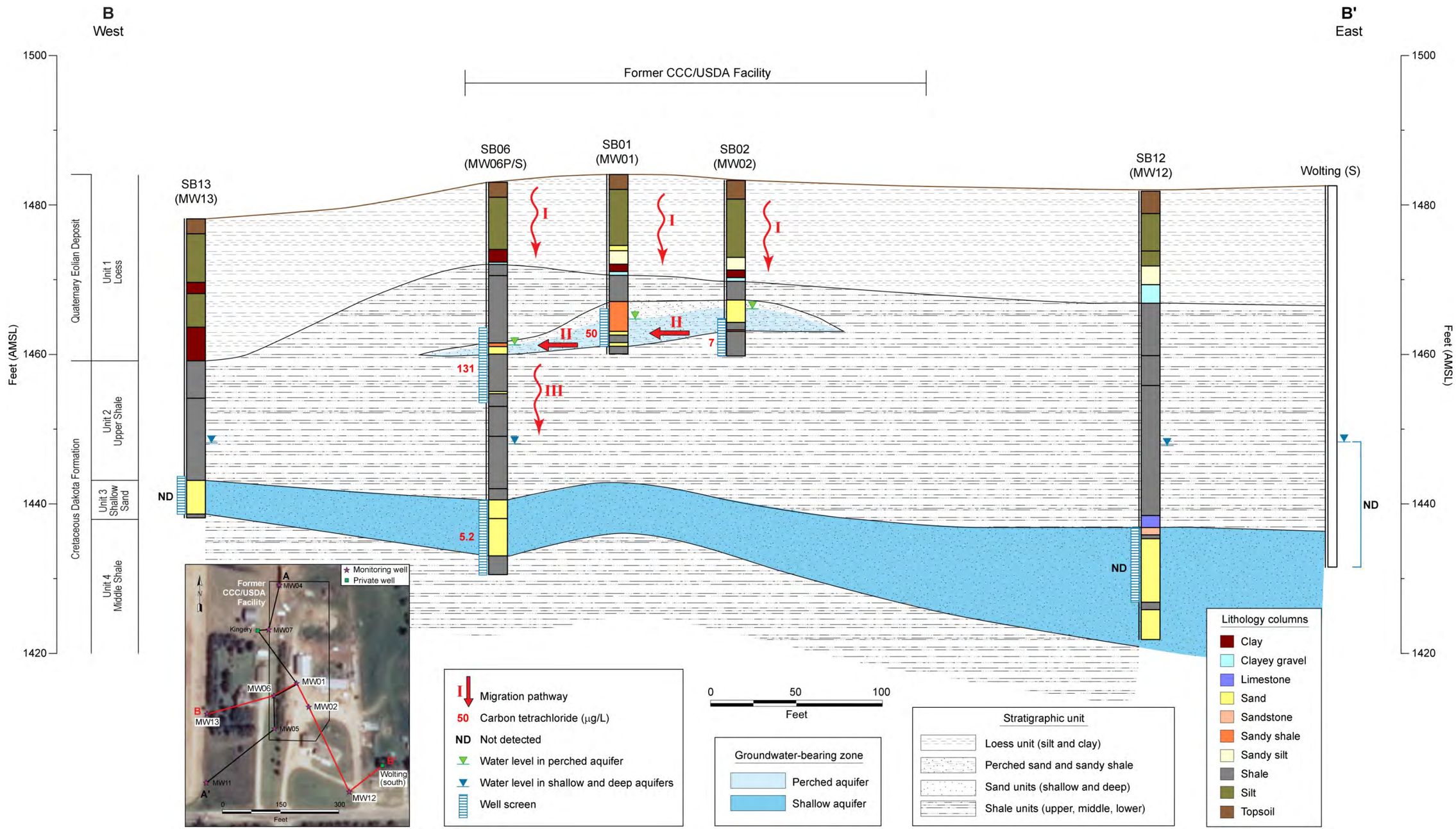


FIGURE 4.15 Vertical and lateral distribution of carbon tetrachloride in groundwater along west-to-east hydrogeologic cross section B-B', at and near the former CCC/USDA property.

FIGURE 4.16 Combined current and historical carbon tetrachloride concentrations in groundwater samples collected from private wells in the vicinity of the former CCC/USDA facility and the estimated extent of contamination in the shallow aquifer at the former facility. Source of photograph: USDA (2010).

5 Summary of Findings and Recommendations

The integrated analyses of geologic, hydrogeologic, groundwater monitoring, and contaminant distribution data in the 2012 investigation provide a technical basis for understanding the groundwater flow system and the limited contamination and migration at the former CCC/USDA facility at Sylvan Grove. The major characteristics of the hydrogeologic system and contamination in the investigation area are summarized in Sections 5.1 and 5.2. Key findings that can guide the subsequent evaluation of remedial options are presented in Section 5.3. Recommendations are discussed in Section 5.4.

5.1 Physical Setting and Characteristics

- The general local geologic sequence at the former CCC/USDA facility consists of six lithostratigraphic units to a depth of 90 ft BGL. The six units include a Quaternary loess unit (silt and clay; Unit 1) and the unconformably underlying Cretaceous Dakota Formation that consists of five units: upper shale (Unit 2), shallow sand (Unit 3), middle shale (Unit 4), deep sand (Unit 5), and lower shale (Unit 6).

- Three groundwater-bearing zones were identified in the local geologic sequence: (1) the perched aquifer hosted by a few layers of sandy shale and sand confined within the upper shale (Unit 2), with a saturated thickness of 2-3 ft; (2) the shallow aquifer hosted by the shallow sand (Unit 3), with a varying thickness from 4 ft at the northern part of the former CCC/USDA facility to more than 19 ft at the southern part of the former facility; and (3) the deep aquifer hosted by the deep sand (Unit 5), which is the thickest (35 ft) of the aquifers identified in the investigation.

- The main characteristics of the perched aquifer within Unit 2 are as follows:

  - The perched aquifer occurs at a depth of approximately 20 ft BGL (elevation of 1,460-1,466 ft AMSL) and has a limited lateral extent within the former CCC/USDA property boundaries. The aquifer exists under unconfined conditions.

- Groundwater movement in the perched aquifer is highly driven by local rainfall infiltration. However, the extremely low transmissivity of the unit results in significant water level fluctuations in response to rainfall events. The water table for the perched aquifer is more than 10 ft higher than the potentiometric surface of the underlying shallow aquifer.

- The groundwater in the perched aquifer flows from east to west with a very high hydraulic gradient (0.5), which is consistent with the aquifer's poor transmissivity.

- The main characteristics of the shallow aquifer (Unit 3) are as follows:

  - The shallow aquifer occurred at the every investigation location; its top is at a depth of 33-45 ft BGL. The aquifer exists under unconfined conditions in the northern part of the former CCC/USDA facility and under confined conditions in the southern part of the former facility.

  - The shallow aquifer is intercepted by the contaminated, hand-dug Kingery livestock/lawn and garden well, although this well withdraws less water from the shallow aquifer than from the deep aquifer (Unit 5). The Wolting (south) lawn and garden well near the former facility withdraws groundwater solely from the shallow aquifer.

  - The apparent groundwater flow direction in the shallow aquifer is toward the south-southwest under ambient conditions and shifts toward the south during pumping episodes lasting 10 hr or longer at the Wolting (south) well. The hydraulic gradient under ambient conditions varies from 0.01 on the former CCC/USDA facility to 0.001 in the area downgradient from the former facility. During pumping at the Kingery well, the groundwater flow direction remains the same, but the hydraulic gradient is reduced on the former CCC/USDA property.

- The main characteristics of the deep aquifer (Unit 5) are as follows:

  - The deep aquifer is present below an elevation of 1,435 ft AMSL (53 ft BGL) and is inferred to extend across the entire upland area at Sylvan Grove. The deep aquifer exists under confined conditions.

  - The Kingery livestock and lawn well, located at the west edge of the former CCC/USDA facility, withdraws more the water from the deep aquifer than the shallow aquifer.

  - The groundwater flow in the deep aquifer is expected to mimic the topographic change from the upland to the Saline River floodplain (south of the former CCC/USDA facility). Within the aquifer, an upward hydraulic gradient was observed at the former CCC/USDA facility.

5.2 Extent of Contamination and Migration Pathways

- Carbon tetrachloride was identified in subsurface soil at a low concentration (34 µg/kg) at one location (SB02) and at trace levels (3.4-4.2 µg/kg) at two locations (SB01 and SB06/SB10). No chloroform or methylene chloride was detected in soil at any sampling point throughout the vadose zone. The trace levels of contaminants in plant tissues (0.4 µg/kg for carbon tetrachloride and ≤ 3.6 µg/kg for chloroform) further support the observation that no significant contamination is present in the shallow subsurface soil and water. These lines of evidence suggest that the contamination in soil does not provide a source of contamination for groundwater via the soil-to-groundwater pathway.

- Carbon tetrachloride and chloroform detections in the perched aquifer were limited to a small area in the central and southern parts of the former CCC/USDA facility, with a maximum carbon tetrachloride concentration of 131 µg/L at MW06P. The perched aquifer is confined within the low-permeability upper shale (Unit 2). However, rainfall infiltration can provide a driving force, by raising the water table as much as 4 ft, for slow downward contaminant migration to the shallow aquifer through the confining shale unit.

- The extent of carbon tetrachloride contamination above the MCL in the shallow aquifer is estimated to encompass an area 160 ft wide and 290 ft long under the footprint of the former CCC/USDA facility. The highest concentration of carbon tetrachloride identified, 35 µg/L, was detected at MW07S. The limited migration of contaminants in the shallow aquifer over the 46 yr between termination of grain storage activities and the 2012 investigation indicates a degree of hydraulic containment possibly associated with controlling factors such as a slow leakage rate from the overlying perched aquifer through the confining layer of the low-permeability shale unit, the low lateral hydraulic conductivity of the shallow aquifer, the effects of intermittent pumping at the Kingery well, and/or a combination of these factors.

- The results of all groundwater sampling events for the Kingery well suggest a steadily decreasing trend of carbon tetrachloride concentrations, from 26.2-33.6 µg/L in 1998 to 18.2 µg/L in 2006 and 14 µg/L in 2012, reducing the concentration of carbon tetrachloride by more than 50%. Groundwater collected from the Kingery hand-dug, livestock/lawn and garden well is probably a mixture of groundwater from both the shallow and deep aquifers.

- No contamination was found in the deep aquifer at the former CCC/USDA facility, indicating that no vertical migration pathway is present from the shallow aquifer to the deep aquifer.

- No contamination was found in groundwater collected from the accessible private wells and the two public water supply wells sampled in the vicinity of Sylvan Grove. The public water supply wells and private wells located within the Saline River floodplain at Sylvan Grove are using groundwater from the fluvial deposits overlying the bedrock, which are separate from the aquifers identified in the Cretaceous bedrock.

- No carbon tetrachloride was detected in the indoor air samples collected from the Kingery and Wolting homes, which are both in close proximity to the groundwater contamination in the perched and shallow aquifers. This finding

indicates an incomplete pathway for upward vapor migration of carbon tetrachloride from contaminated groundwater to the residential structures.

5.3 Key Findings

The following key findings are summarized as a basis for future evaluation of remedial options for the groundwater contamination at the former CCC/USDA facility:

- Carbon tetrachloride contamination in the perched aquifer at concentrations up to 131 µg/L is largely confined within the extremely low-permeability upper shale (Unit 2). Therefore, slow downward leakage is interpreted to be the source of contamination to the underlying shallow aquifer.

- Carbon tetrachloride contamination in the shallow aquifer at concentrations up to 35 µg/L has been contained within the footprint of the former CCC/USDA facility for at least 46 yr, in an area estimated at 160 ft wide and 290 ft long.

- Contaminant levels in the Kingery well have shown a steadily decreasing trend that resulted in a concentration decrease of more than 50% in 14 yr.

- No carbon tetrachloride was found in the deep aquifer.

- No unacceptable health risks are associated with potential exposure to indoor air contaminated with carbon tetrachloride from groundwater in the perched and shallow aquifers.

- The public water supply wells and many private wells located within the Saline River floodplain at Sylvan Grove are using uncontaminated groundwater from the fluvial deposits overlying the Cretaceous Dakota Formation bedrock, which are separate from the bedrock aquifers identified in this investigation.

5.4 Recommendations

The CCC/USDA recommends implementation of an interim remedial measure to address the groundwater contaminated with carbon tetrachloride. The CCC/USDA proposes to evaluate remedial options for the Sylvan Grove site and submit a work plan for an interim remedial measure to the KDHE for review.

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Appendix A:

Work Plan for Indoor and Ambient Air Sampling, January 2013

Work Plan: Indoor Air and Ambient Air Sampling near the Former CCC/USDA Grain Storage Facility at Sylvan Grove, Kansas

The Commodity Credit Corporation of the U.S. Department of Agriculture (CCC/USDA) operated a grain storage facility at the northwestern edge of Sylvan Grove, Kansas, from 1954 to 1966. Sampling by the Kansas Department of Health and Environment (KDHE) in 1998 resulted in the detection of carbon tetrachloride in one private livestock well (the Kingery well), which is less than 50 ft west of the former facility. Subsequent Pre-CERLIS site reconnaissance and evaluation in August 1998 and private well sampling in 2006 by the KDHE confirmed the presence of carbon tetrachloride (KDHE 1998; Argonne 2012), at concentrations ranging from 33.6 µg/L in 1998 to 18.2 µg/L in 2006.

On behalf of the CCC/USDA, Argonne National Laboratory subsequently conducted an investigation in July 2012 to characterize the carbon tetrachloride contamination. As a result of the 2012 investigation, the lateral and vertical extents of carbon tetrachloride contamination were identified at and near the former CCC/USDA facility. This document presents a plan for the collection of indoor air samples in two homes located along and adjacent to the defined extent of the carbon tetrachloride contamination, within the parameters defined by the KDHE (2007) as posing a potential health risk due to inhalation. The plan was developed at the request of the KDHE (2013), with the approval of the CCC/USDA. Ambient air samples representing the background conditions during the proposed sampling event will also be taken as required.

Project Objective

The purpose of the proposed work plan is to satisfy KDHE requirements and to collect additional data for assessing the risk to human health due to the potential for upward migration of carbon tetrachloride and its primary degradation product (chloroform) into homes located in close proximity to the former grain storage facility. As defined in the KDHE (2007) guidance document, this includes sampling and the assessment of potential risk posed by identified contamination located within 100 ft laterally and 40 ft BGL (below ground level) vertically from the currently defined extent of contamination in the perched (20-30 ft BGL) and shallow (35-55 ft BGL) groundwater zones at the Sylvan Grove site. The extent of contamination was determined by the Argonne 2012 investigation.

Proposed Work: Collection of Indoor Air and Ambient Air Samples

Sampling Procedure. Indoor air samples will be collected at the designated homes by experienced air sampling technicians provided by Argonne. In addition, representative ambient air samples will also be collected to confirm outdoor background conditions near these homes. All collection protocols will be in compliance with the KDHE (2007) vapor intrusion guidance and KDHE standard operating procedure (SOP) BER-33.[1]

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[1] SOP BER-33 is online at this location: http://www.kdheks.gov/remedial/download/SOP-BER-33.pdf

During the Argonne 2012 investigation, carbon tetrachloride contamination was found in the perched groundwater zone (20-30 ft BGL) and the underlying shallow groundwater zone (35-55 ft BGL), at and near the former CCC/USDA facility. Figure 1 illustrates the interpreted extent of the contaminated perched groundwater zone and the 100-ft lateral offset from the edge of the perched zone. Figure 2 shows the interpreted configuration of the carbon tetrachloride contamination in the shallow groundwater zone, as well as the 100-ft lateral offset from the currently defined limit of the contamination. On the basis of the results of the investigation, two homes were identified within the 100-ft lateral offset from the limits of the contaminated perched zone (Figure 1). These two homes will be sampled in the proposed sampling event. The Kingery home was also identified as lying within the contaminated area of the shallow groundwater zone. The Wolting home is located at the south-southeastern limit of the 100-ft lateral offset of the shallow groundwater zone.

Sample Location. Sample canisters will be placed in the basement and on the first floor of each residence, in a location of common occupancy (as allowed by the residents). Samples will be collected as close to the center of the room as possible, away from heating system registers, and at a height of 3-7 ft above the floor (in the breathing zone). Samples for analysis for volatile organic compounds (VOCs) will be collected in Summa canisters, individually certified clean, for a period of 24 hr. Meteorological conditions will be noted and recorded. Page 1 of the KDHE Field Data Air Sampling Form (in SOP BER-33) will be completed.

Ambient Air Samples. To be representative of background condition at the site, ambient air samples will be collected outdoors in an upwind location, away from obvious sources of VOCs, and over the same collection period as the indoor air samples.

Sample Analysis. Air samples will be shipped to a laboratory certified for method TO-15 analysis and analyzed for carbon tetrachloride and chloroform, at a detection level at or below the allowable risk-based indoor air levels for each compound.

As potential indirect evidence of upward vapor migration from the subsurface, indoor air will also be monitored for radon. The radon kits used, as approved for sampling in Hanover, Kansas (KDHE 2010), will be obtained from the county office. The kits (charcoal canisters or pouches) will be used as directed and will be left in place for 3-4 days, then returned (after exposure) to National Radon Program Services at Kansas State University (133 Ward Hall, Manhattan, KS 66506-2508). The results will be reported to the KDHE when available.

Report Deliverable

A report containing all of the data, all relevant quality assurance/quality control information, and an interpretation of the vapor intrusion risk will be prepared following completion of the fieldwork and analytical reviews.

Schedule of Fieldwork

Argonne will make contact with the two affected residents, through its community relations staff, to coordinate the sampling effort with the aim of minimizing any disruption.

The work is tentatively scheduled for February 5-6, 2013. The KDHE was notified about these dates and indicated that a KDHE representative will be present at the site for the sampling event. The KDHE intends to place duplicate sampling canisters to verify results of the indoor air investigation. The KDHE will be informed as to the finalized dates when residences are available for testing, to allow the agency to arrange oversight, placement, and retrieval of the duplicate samples.

References

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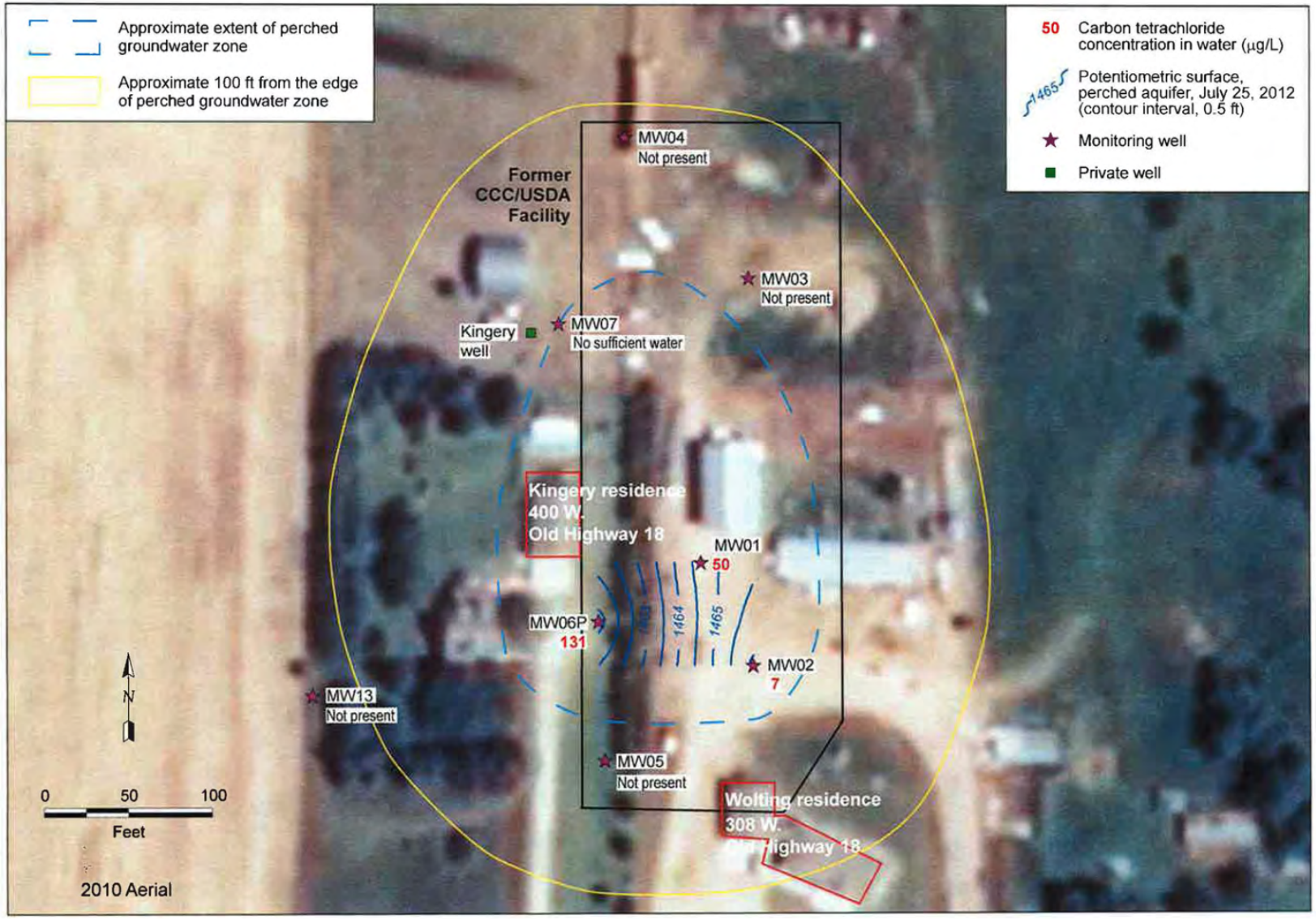


Figure 1 Extent of perched groundwater zone (20-30 ft BGL), its potentiometric surface, and CT results.

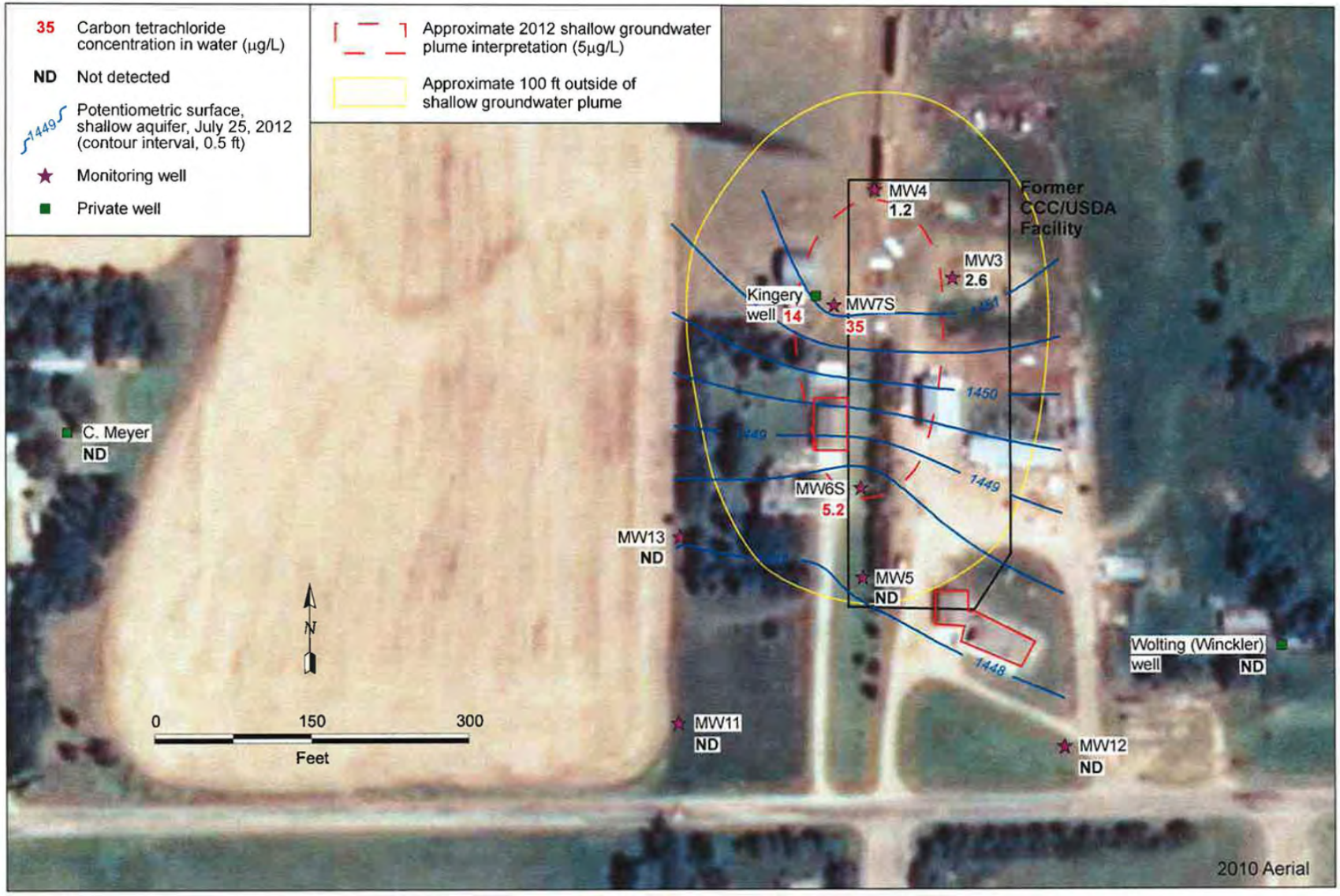


Figure 2 Extent of contamination in shallow groundwater zone (35-55 ft BGL), its potentiometric surface, and CT results.

Appendix B:

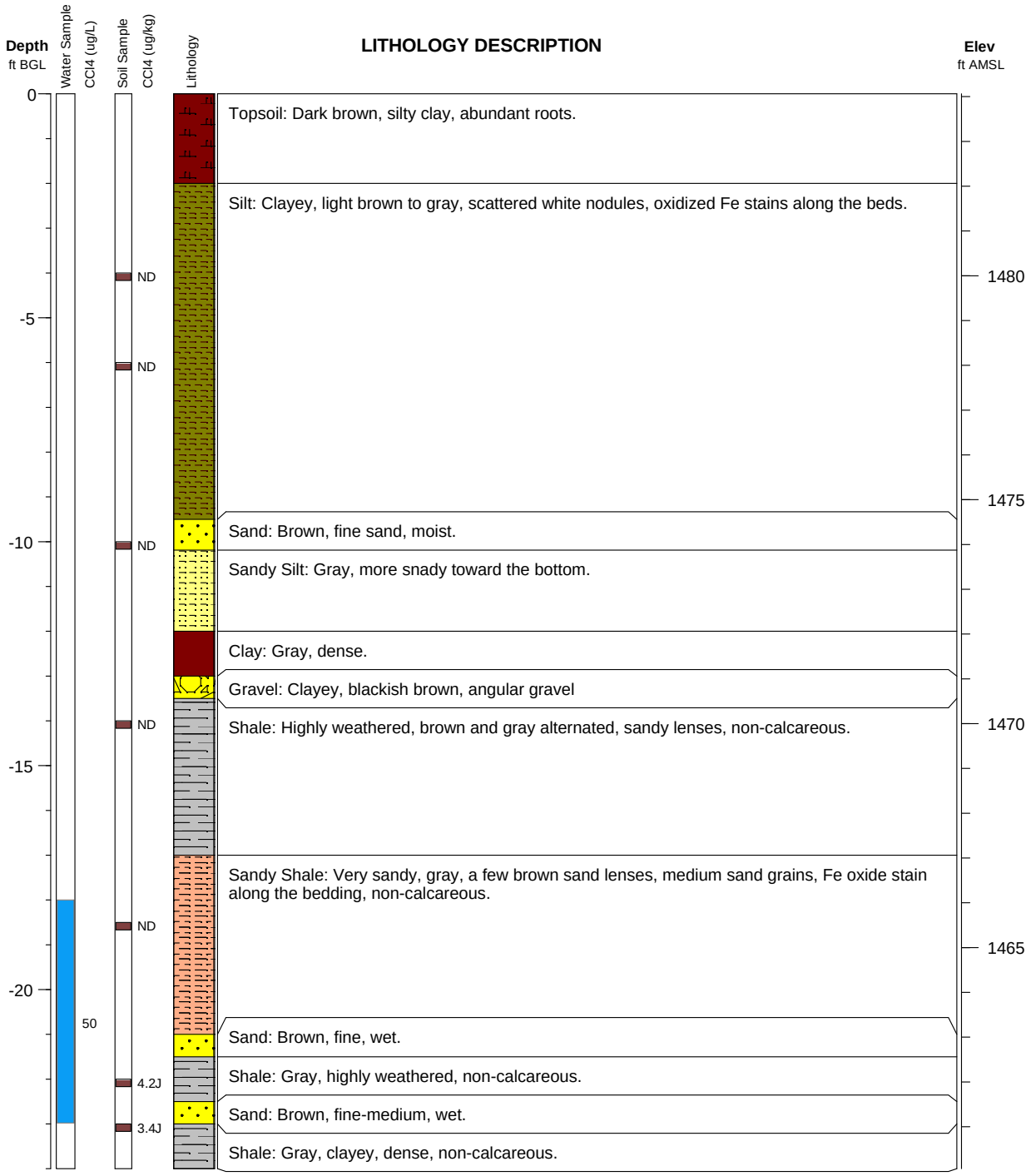
Lithology Logs

Argonne National Laboratory

Well ID: SB01 (MW01)

Project: Sylvan Grove **Elevation:** 1484.08 ft **Log Date:** 7-10-2012

Geologist: Eugene Yan **Depth:** 24 ft

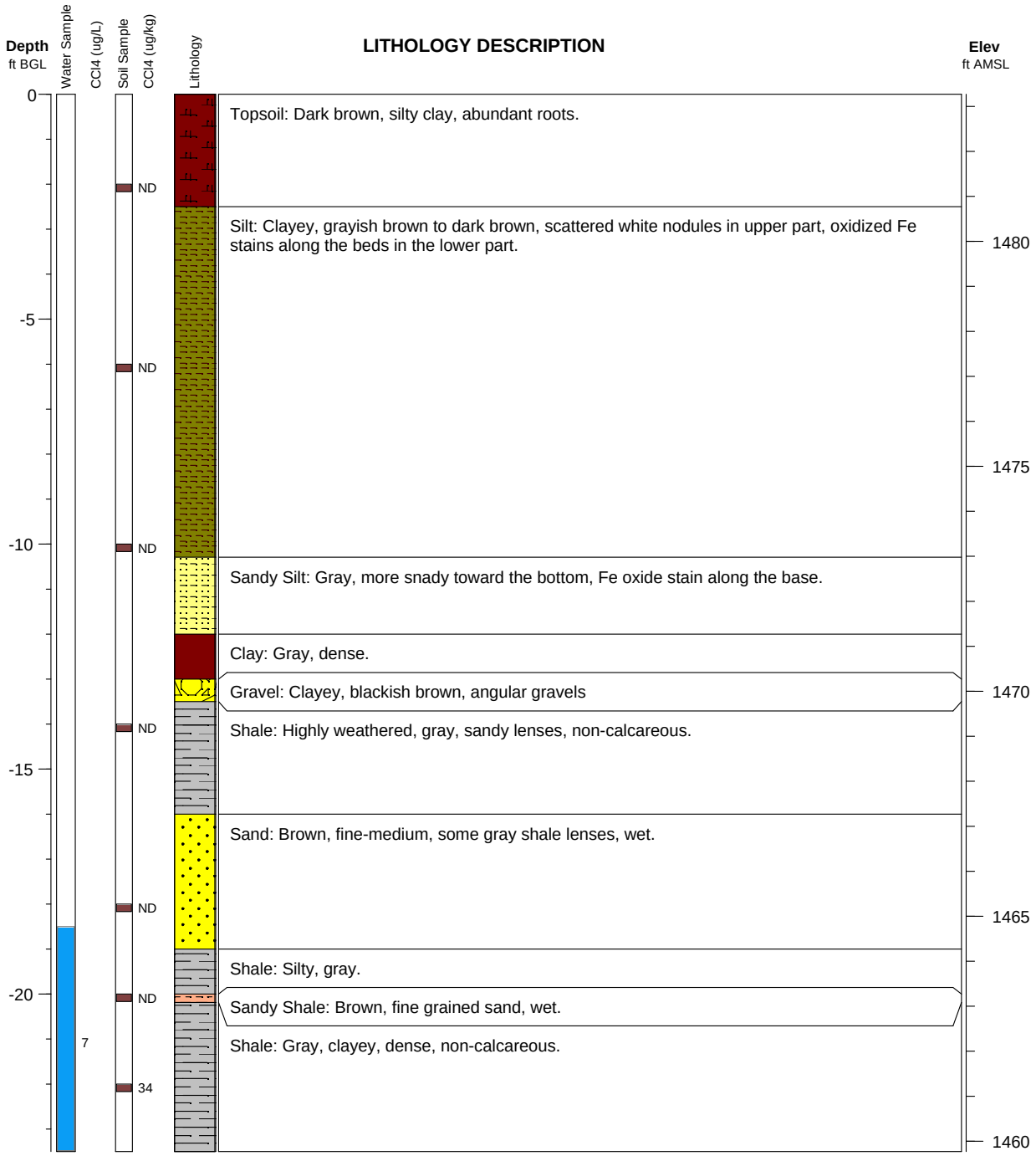


Argonne National Laboratory

Well ID: SB02 (MW02)

Project: Sylvan Grove **Elevation:** 1483.28 ft **Log Date:** 7-10-2012

Geologist: Eugene Yan **Depth:** 23.5 ft

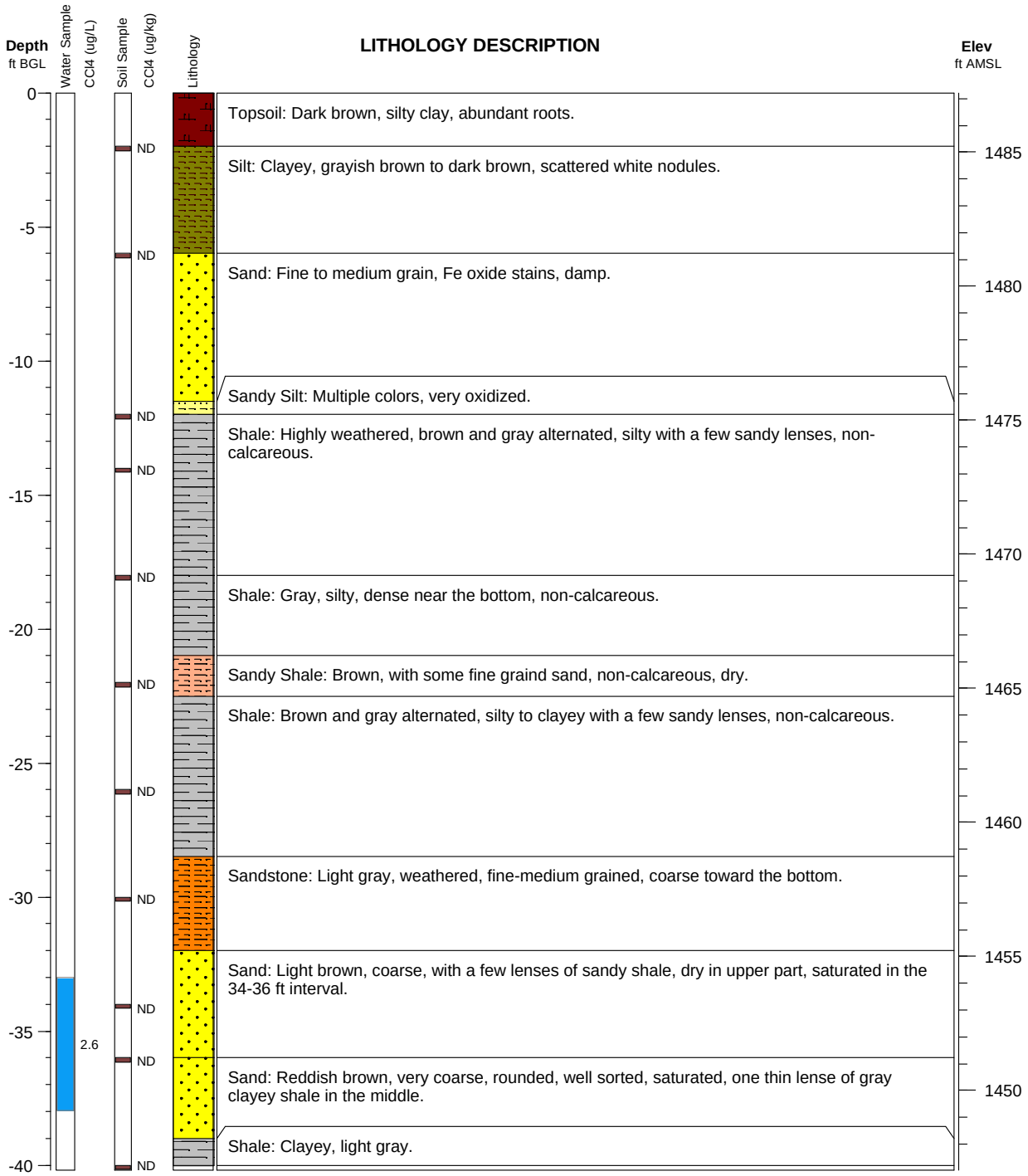


Argonne National Laboratory

Well ID: SB03 (MW03)

Project: Sylvan Grove **Elevation:** 1487.22 ft **Log Date:** 7-10-2012

Geologist: Eugene Yan **Depth:** 40 ft

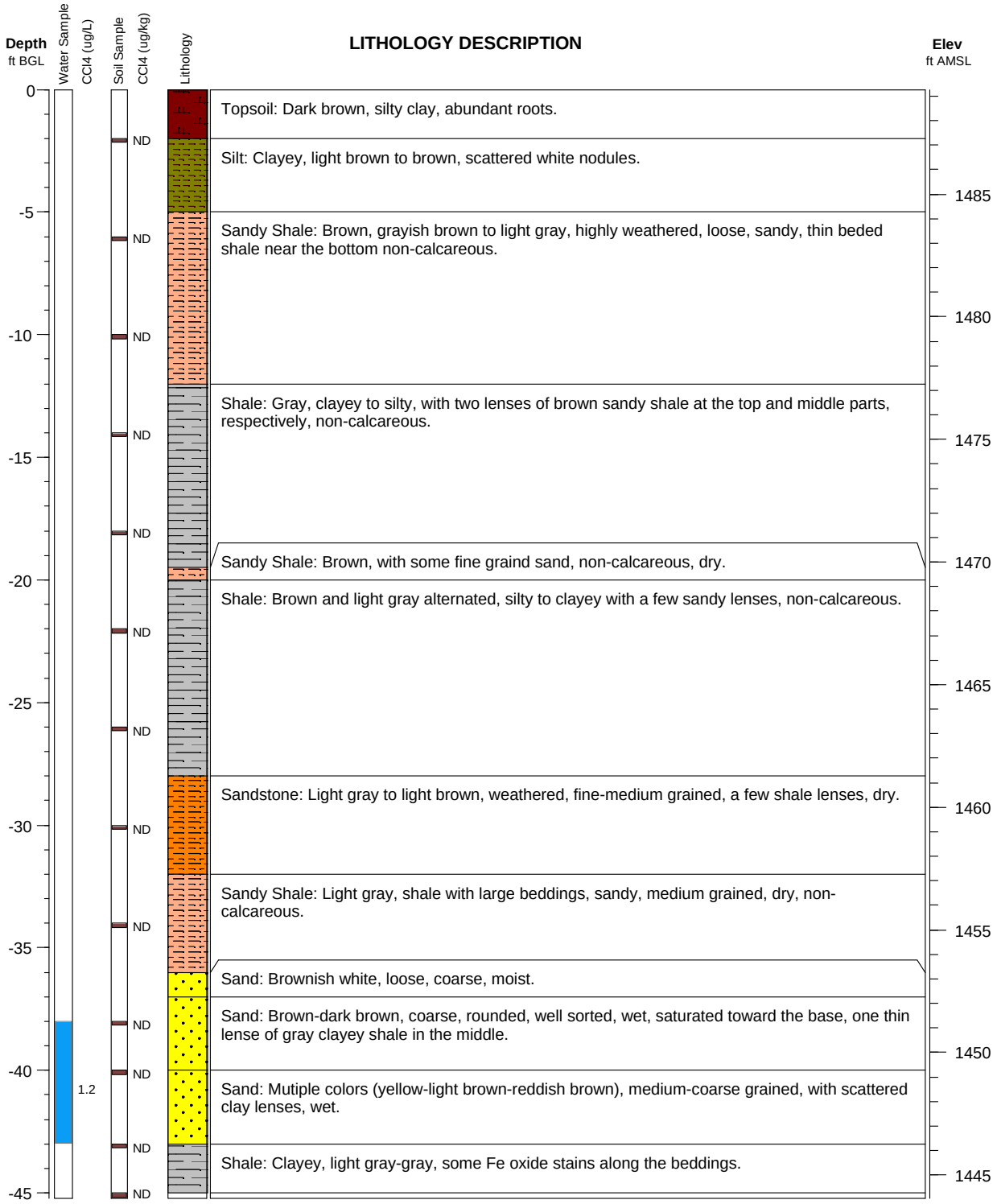


Argonne National Laboratory

Well ID: SB04 (MW04)

Project: Sylvan Grove **Elevation:** 1489.27 ft **Log Date:** 7-11-2012

Geologist: Eugene Yan **Depth:** 45 ft

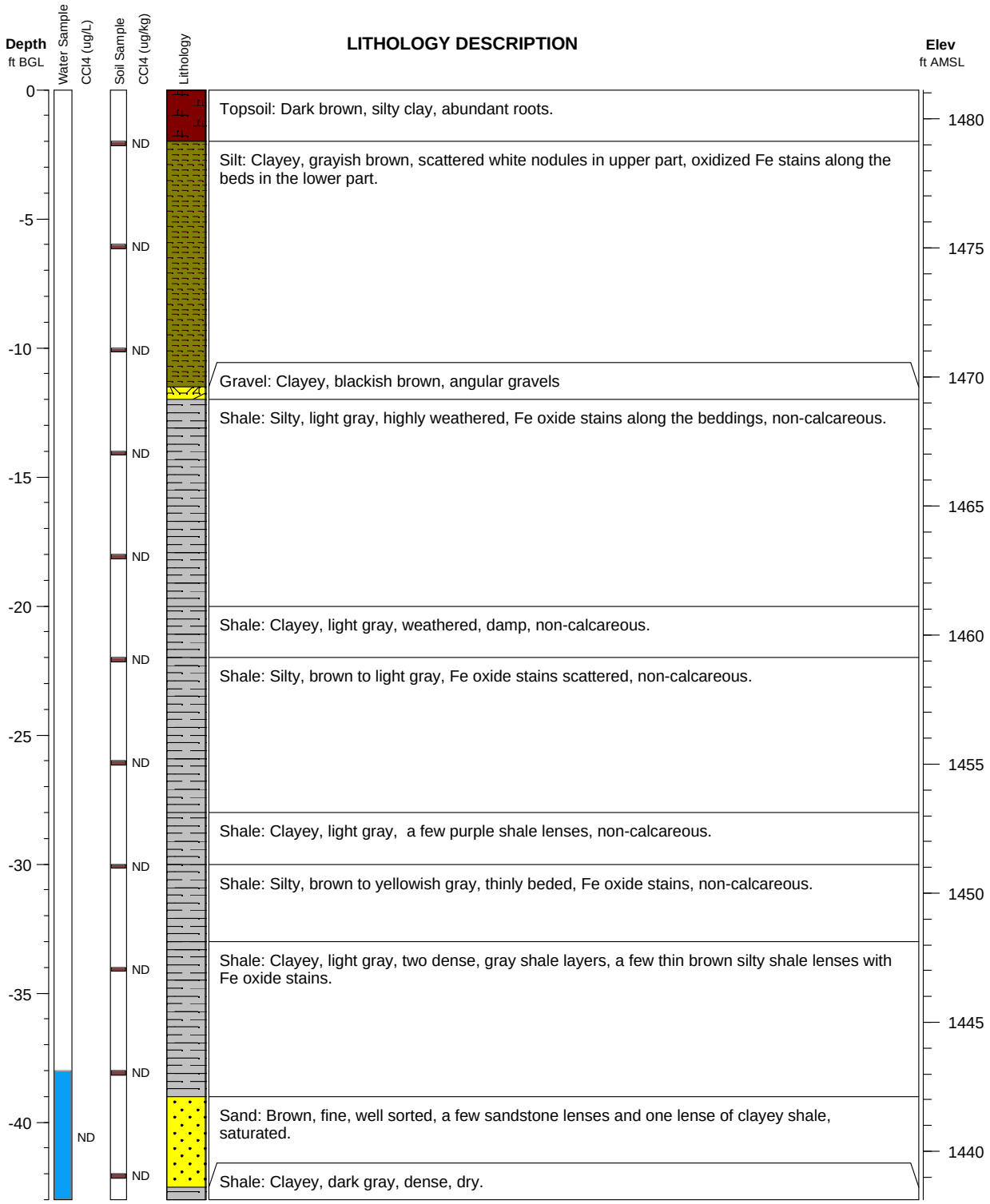


Argonne National Laboratory

Well ID: SB05 (MW05)

Project: Sylvan Grove **Elevation:** 1481.13 ft **Log Date:** 7-11-2012

Geologist: Eugene Yan **Depth:** 43 ft

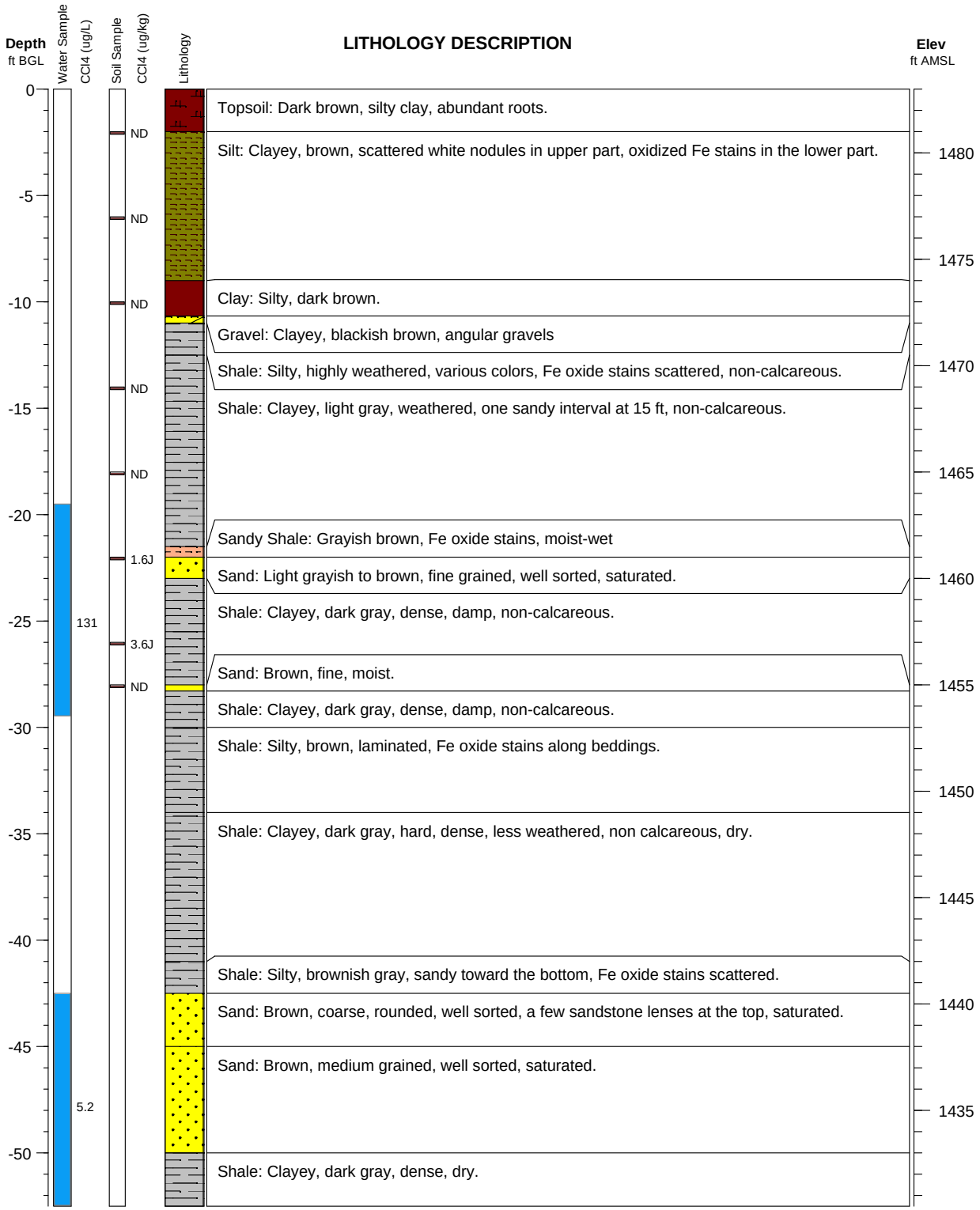


Argonne National Laboratory

Well ID: SB06 (MW06P/MW06S)

Project: Sylvan Grove **Elevation:** 1483.04 ft **Log Date:** 7-11-2012

Geologist: Eugene Yan **Depth:** 52.5 ft

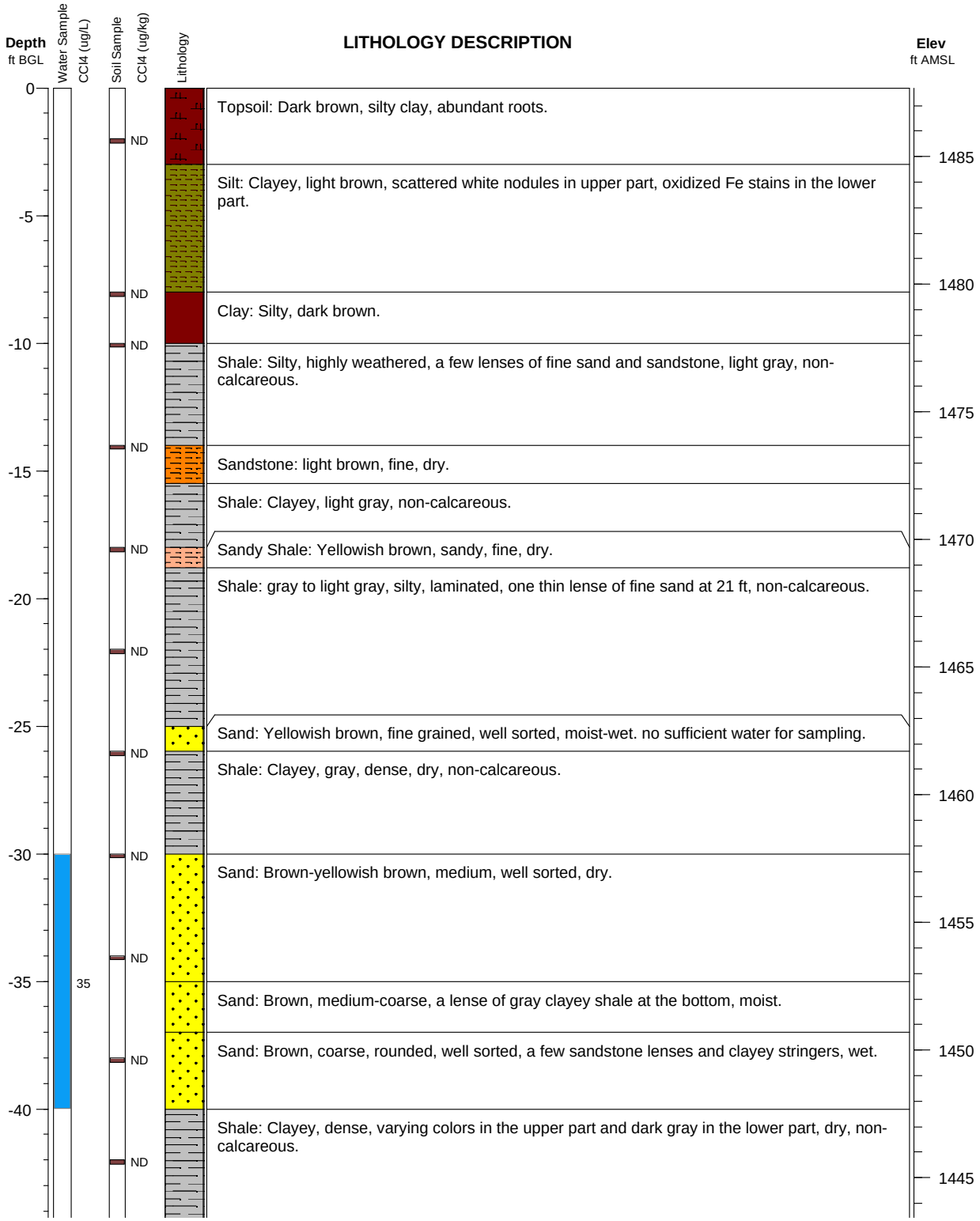


Argonne National Laboratory

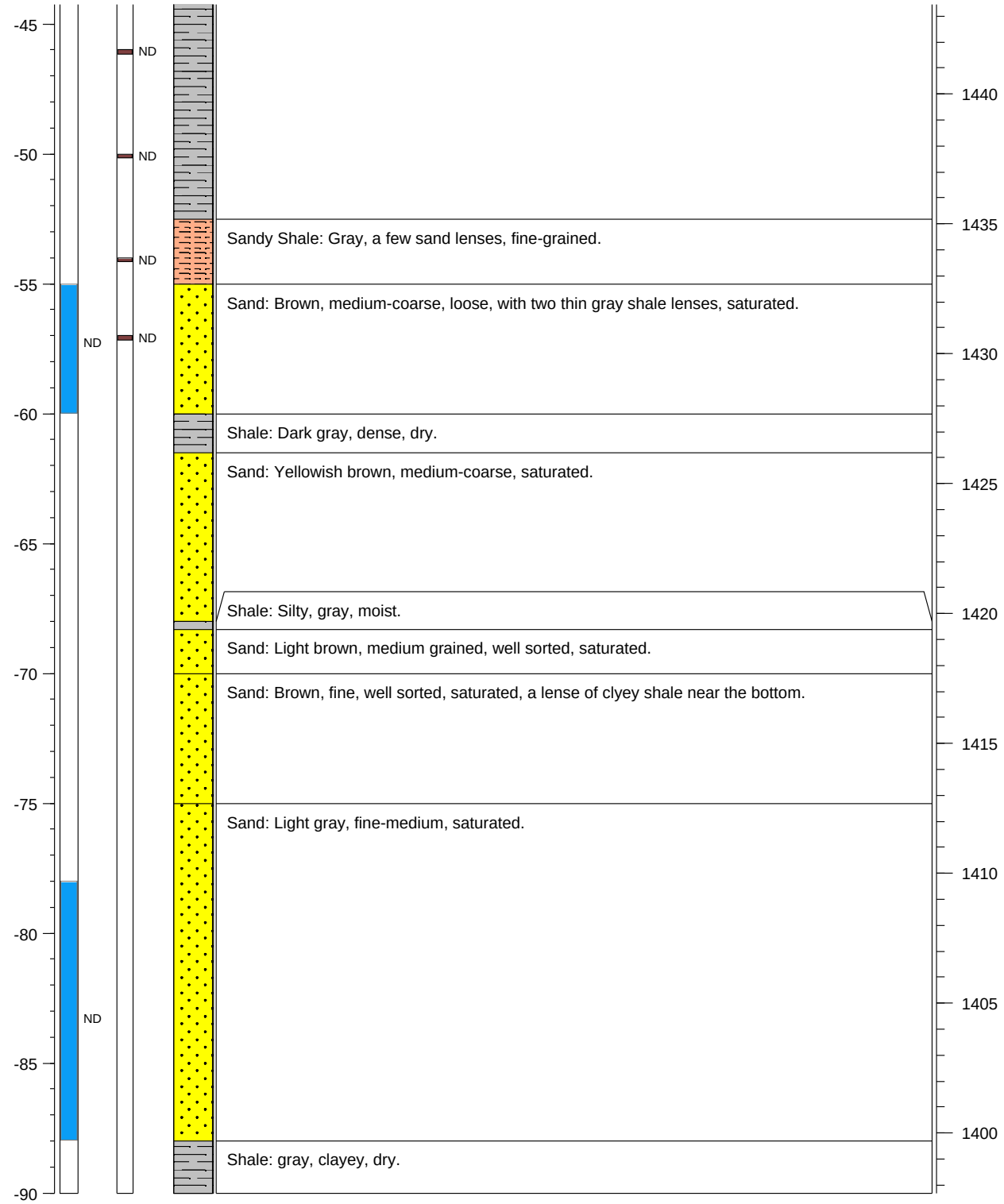
Well ID: SB07 (MW07S/M/D)

Project: Sylvan Grove **Elevation:** 1487.70 ft **Log Date:** 7-12-2012

Geologist: Eugene Yan **Depth:** 90 ft



SB07 (MW07S/M/D) Pg. 2

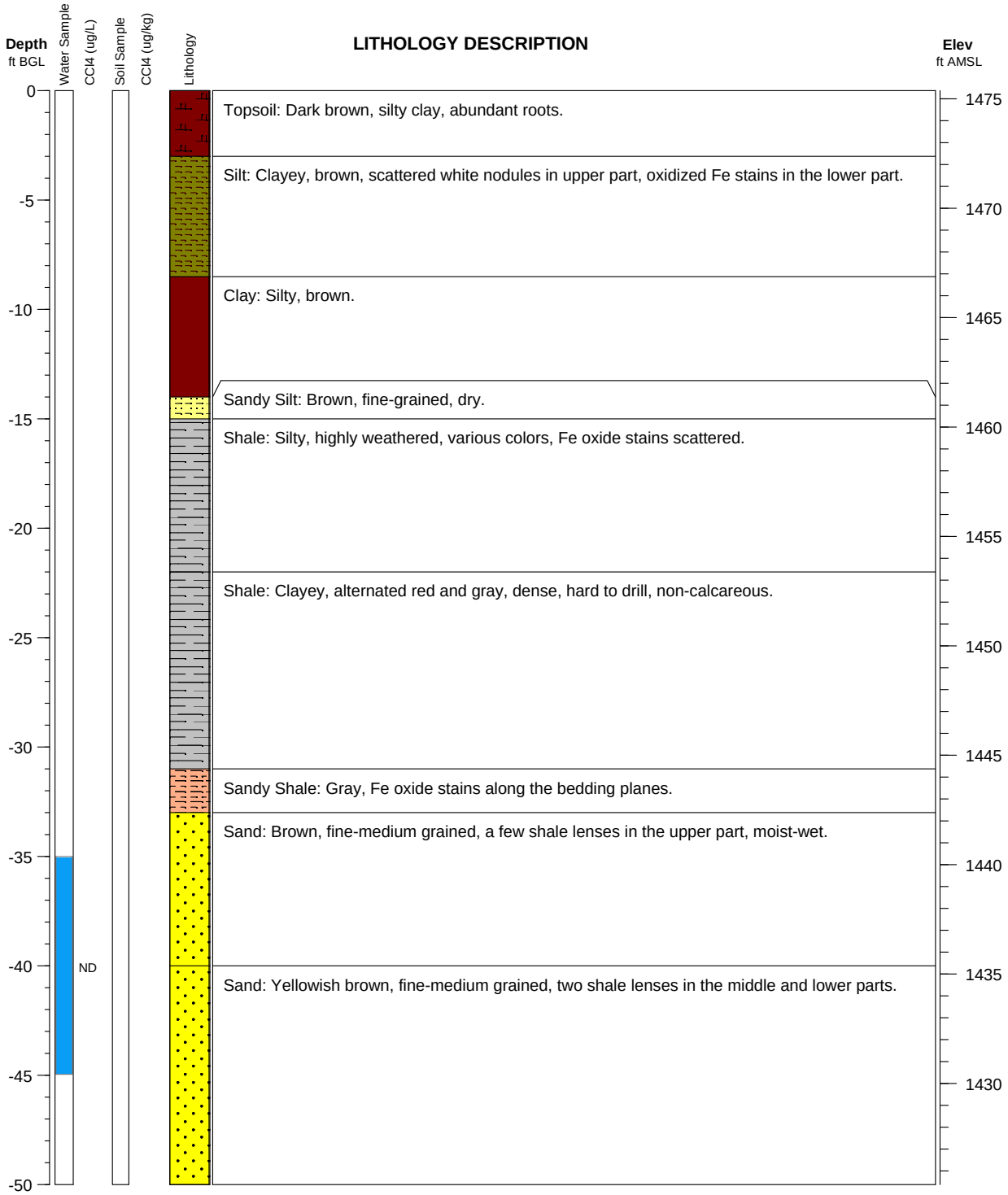


Argonne National Laboratory

Well ID: SB11 (MW11)

Project: Sylvan Grove **Elevation:** 1475.38 ft **Log Date:** 7-13-2012

Geologist: Eugene Yan **Depth:** 50 ft

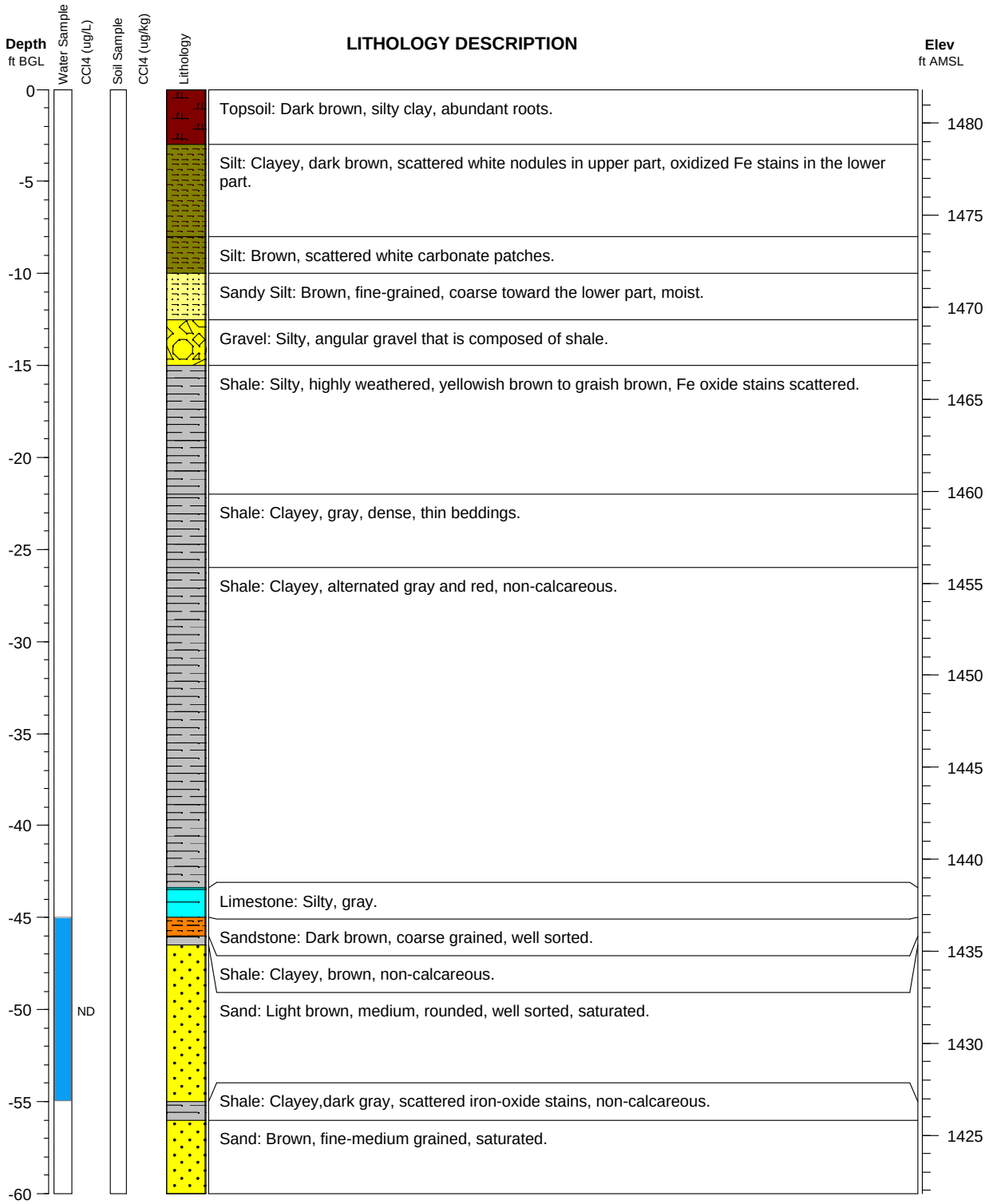


Argonne National Laboratory

Well ID: SB12 (MW12)

Project: Sylvan Grove **Elevation:** 1481.84 ft **Log Date:** 7-14-2012

Geologist: Eugene Yan **Depth:** 60 ft

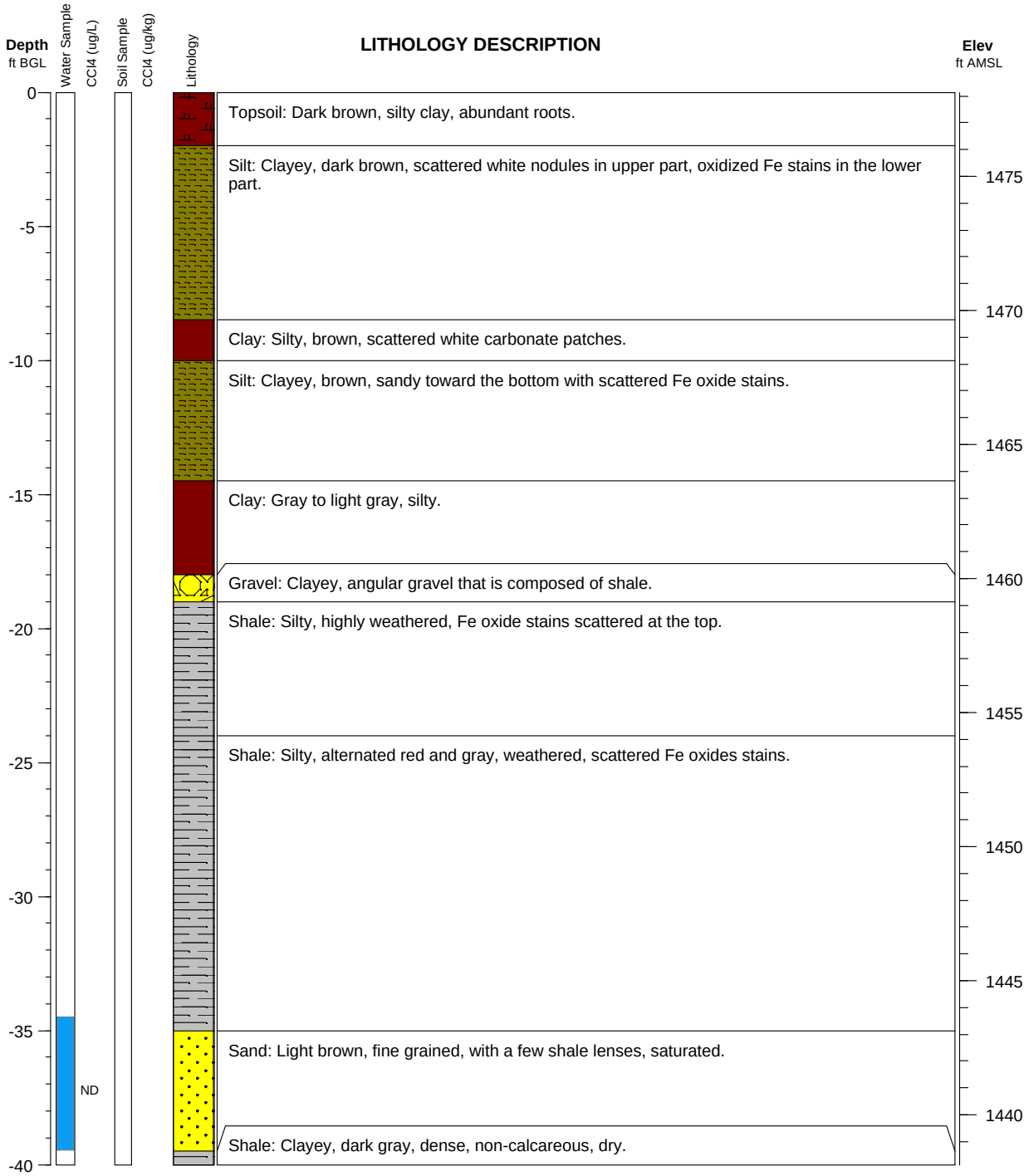


Argonne National Laboratory

Well ID: SB13 (MW13)

Project: Sylvan Grove **Elevation:** 1478.14 ft **Log Date:** 7-14-2012

Geologist: Eugene Yan **Depth:** 40 ft



Appendix C:

Sequence of Sampling Events in the Site Investigation (June-July 2012 and February 2013)

TABLE C.1 Sequence of sampling activities in 2012-2013.

Sample Date	Location	Sample	Depth (ft BGL)	Sample Type[a]	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
6/7/12	KINGERY	SYKINGERY-W-33773	–	N	WG	6690	6/11/12	Identified on Work Plan map as Otis Kingery. Well located N of the home, at windmill. Sample collected from active windmill jack pump.
6/7/12	KINGERY	SYKINGERYDUP-W-33774	–	DUP-F	WG	6690	6/11/12	Field replicate.
6/7/12	WOLTING (SOUTH)	SYWOLTING-W-33771	–	N	WG	6690	6/11/12	Identified on Work Plan map as Ryan Wolting (Winckler). Well located E of the home. Sample collected from hydrant on E side of home.
6/7/12	WOLTING (SOUTH)	SYWOLTINGDUP-W-33772	–	DUP-F	WG	6690	6/11/12	Field replicate.
6/7/12	C. MEYER	SYCMEYER-W-33776	–	N	WG	6690	6/11/12	Identified on Work Plan map as Chris Meyer. Well located S of the home. Sample collected from hydrant near well.
6/7/12	MEITLER	SYMEITLER-W-33777	–	N	WG	6690	6/11/12	Identified on Work Plan map as Kirk Meyer. Well located N of home. Sample collected from hydrant near well. Clint Meitler recently purchased home from Meyer Family Trust; has lived there only a few weeks.
6/7/12	RYSER	SYRYSER-W-33778	–	N	WG	6690	6/11/12	Identified on Work Plan map as Mark Ryser. Well located E of the home in a pit. Sample collected from a livestock water tank hydrant N of the well.
6/7/12	REEVES	SYREEVES-W-33775	–	N	WG	6690	6/11/12	North of Fischer 1 on Work Plan map. Well located N of the home, at windmill. Sample collected from active windmill jack pump.
6/7/12	TIM MEYER	SYTIMMEYER-W-33779	–	N	WG	6690	6/11/12	Identified on *Work Plan* map as Tim Meyer. Well located NE of home. Sample collected from the hydrant near well.
6/8/12	TRACY MEYER	SYTMEYER-W-33780	–	N	WG	6690	6/11/12	Identified on *Work Plan* map as Tracy Meyer. Well located SW of the home. Sample collected from hydrant near well.
6/8/12	PWS5	SYPWS5-W-33781DUP	–	DUP-L	WG	6690	6/11/12	Duplicate laboratory analysis.
6/8/12	PWS5	SYPWS5-W-33781	–	N	WG	6690	6/11/12	Identified on *Work Plan* map as PWS5. Well located near city municipal building. Sample collected from a tap inside the building.
6/8/12	PWS6	SYPWS6-W-33782	–	N	WG	6690	6/11/12	Identified on *Work Plan* map as PWS5. Well located near city municipal building. Sample collected from a tap inside the building.
6/8/12	PAHLS	SYPAHLS-W-33783	–	N	WG	6690	6/11/12	Identified on *Work Plan* map as Brent Pahls. Well located SW of the home. Sample collected from a hydrant next to the well.
6/8/12	QC	SYQCTB-W-33784	–	TB	WQC	6690	6/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on chain-of-custody form (COC) 6690.
7/10/12	SB02	SYSB02-W-33809	16-23	N	WG	2918	7/10/12	

TABLE C.1 (Cont.)

Sample Date	Location	Sample	Depth (ft BGL)	Sample Type[a]	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
7/10/12	QC	SYQCTB-S-33830	–	TB	SOIL	2917	7/10/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COCs 2916 and 2917.
7/10/12	SB01	SYSB01-S-33785	4	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB01	SYSB01-S-33786	6	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB01	SYSB01-S-33786VER	6	VER	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/10/12	SB01	SYSB01-S-33787	10	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB01	SYSB01-S-33788	14	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB01	SYSB01-S-33789	18.5	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB01	SYSB01-S-33790	22	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB01	SYSB01-S-33791	23	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB01	SYSB01SDUP-S-33792	23	DUP-F	SOIL	2916	7/10/12	Field replicate.
7/10/12	SB01	SYSB01-W-33795	21-23	N	WG	2918	7/10/12	Grab sample of water encountered at depth during drilling. Depth and time confirmed in field notes.
7/10/12	SB02	SYSB02-S-33798	2	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB02	SYSB02-S-33799	6	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB02	SYSB02-S-33800	10	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB02	SYSB02-S-33801	14	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB02	SYSB02-S-33802	18	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB02	SYSB02-S-33803DUP	22	DUP-L	SOIL	2916	7/10/12	Duplicate laboratory analysis.
7/10/12	SB02	SYSB02-S-33803	22	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB02	SYSB02-S-33804	20	N	SOIL	2916	7/10/12	Time and depth of sample confirmed on COC 2916.
7/10/12	SB02	SYSB02-S-33804VER	20	VER	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/10/12	QC	SYQAQC1-W-33808	–	TB	WQC	2918	7/10/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 2918.
7/10/12	SB03	SYSB03-S-33810	2	N	SOIL	2917	7/10/12	SB03. Vertical soil sample profile begins 2-40 ft BGL.
7/10/12	SB03	SYSB03-S-33811	6	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33812	12	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33813	14	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33814	18	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33815	22	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33816	26	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33817	30	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33818	34	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33819	36	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-S-33805	40	N	SOIL	2917	7/10/12	Time and depth of sample confirmed on COC 2917.
7/10/12	SB03	SYSB03-W-33796	34-37	N	WG	2918	7/10/12	Time and depth confirmed in field notes.
7/10/12	SB03	SYSB03DUP-W-33797	34-37	DUP-F	WG	2918	7/10/12	Field replicate.
7/10/12	SB03	SYSB03DUP-W-33797VER	34-37	VER	WG	6723	7/12/12	Verification sample sent to TestAmerica.
7/10/12	SB04	SYSB04-S-33820	2	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33820VER	2	VER	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/10/12	SB04	SYSB04-S-33821	6	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.

TABLE C.1 (Cont.)

Sample Date	Location	Sample	Depth (ft BGL)	Sample Type[a]	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
7/10/12	SB04	SYSB04-S-33822	10	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33823	14	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33824	18	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33825	22	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33826	26	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33827	30	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33828DUP	34	DUP-L	SOIL	6702	7/11/12	Duplicate laboratory analysis.
7/10/12	SB04	SYSB04-S-33828	34	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33793	40	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/10/12	SB04	SYSB04-S-33829	38	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/11/12	QC	SYTANK1-W-33864	–	FB	WQC	6704	7/11/12	Field blank.
7/11/12	QC	SYTANK2-W-33865	–	FB	WQC	6704	7/11/12	Field blank.
7/11/12	QC	SYTRUCK-W-33863	–	FB	WQC	6704	7/11/12	Field blank.
7/11/12	QC	SYQCTB-S-33882	–	TB	SOIL	6703	7/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6703.
7/11/12	QC	SYQCTB-S-33883	–	TB	SOIL	6722	7/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6722.
7/11/12	QC	SYQCQA-W-33870	–	TB	WQC	6704	7/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6704.
7/11/12	SB04	SYSB04-S-33794DUP	45	DUP-L	SOIL	6702	7/11/12	Duplicate laboratory analysis.
7/11/12	SB04	SYSB04-S-33794	45	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/11/12	SB04	SYSB04-S-33795	43	N	SOIL	6702	7/11/12	Time and depth of sample confirmed on COC 6702.
7/11/12	SB05	SYSB05-S-33841	2	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33842	6	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33843	10	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33844	14	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33845	18	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33846	22	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33847	26	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33848	30	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33849	34	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33850	38	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB05	SYSB05-S-33850VER	38	VER	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB05	SYSB05-W-33809DUP	39-43	DUP-L	WG	6704	7/11/12	Duplicate laboratory analysis.
7/11/12	SB05	SYSB05-W-33809	39-43	N	WG	6704	7/11/12	Bailed sample during drilling. Duplicate of same number sent to Test America for analysis.
7/11/12	SB05	SYSB05-S-33871	42	N	SOIL	6703	7/11/12	Time and depth of sample confirmed on COC 6703.
7/11/12	SB06	SYSB06-S-33851	2	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB06	SYSB06-S-33852	6	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB06	SYSB06-S-33853	10	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB06	SYSB06-S-33854	14	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB06	SYSB06-S-33854VER	14	VER	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB06	SYSB06-S-33855	18	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.

TABLE C.1 (Cont.)

Sample Date	Location	Sample	Depth (ft BGL)	Sample Type[a]	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
7/11/12	SB06	SYSB06-S-33856	22	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB06	SYSB06-S-33857	26	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB06	SYSB06-S-33859	28	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB06	SYSB06-S-33859VER	28	VER	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB06	SYSB06DUP-S-33858	26	DUP-F	SOIL	6722	7/11/12	Field replicate.
7/11/12	SB06	SYSB06-W-33831	22-29.5	N	WG	6704	7/11/12	Time and depth confirmed in LaFreniere notes, p 25
7/11/12	SB07	SYSB07-S-33871	2	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB07	SYSB07-S-33872	8	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB07	SYSB07-S-33873	10	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB07	SYSB07-S-33874	14	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB07	SYSB07-S-33875	18	N	SOIL	6722	7/11/12	Time and depth of sample confirmed on COC 6722.
7/11/12	SB07	SYSB07-S-33876	22	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-S-33877	26	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-S-33878	30	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-S-33879DUP	34	DUP-L	SOIL	6733	7/12/12	Duplicate laboratory analysis.
7/11/12	SB07	SYSB07-S-33879	34	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-S-33880	38	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-S-33880VER	38	VER	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB07	SYSB07-S-33886	42	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-W-33832	35-40	N	WG	6724	7/12/12	Time and depth of sample confirmed on COC 6724.
7/11/12	SB07	SYSB07DUP-W-33833	35-40	DUP-F	WG	6724	7/12/12	Field replicate.
7/11/12	SB07	SYSB07-S-33887	46	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-S-33887VER	46	VER	SOIL	6723	7/12/12	Verification sample sent to TestAmerica.
7/11/12	SB07	SYSB07-S-33888	50	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-S-33884	54	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-S-33885	57	N	SOIL	6733	7/12/12	Time and depth of sample confirmed on COC 6733.
7/11/12	SB07	SYSB07-W-33834	55-60	N	WG	6724	7/12/12	Time and depth of sample confirmed on COC 6724.
7/11/12	QC	SYQCTB-S-33881	–	TB	SOIL	6702	7/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6702.
7/11/12	QC	SYQCTB-S-33906	–	TB	SOIL	6733	7/12/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6733.
7/12/12	SB06	SYSB06-W-33912DUP	19.5-29.5	DUP-L	WG	6724	7/12/12	Duplicate laboratory analysis.
7/12/12	QC	SYQCQA-W-33913	–	TB	WQC	6724	7/12/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6724.
7/12/12	SB04	SYSB04-W-33910VER	38-43	VER	WG	6723	7/12/12	Verification sample sent to TestAmerica.
7/12/12	QC	SYQCQA-W-33913VER	–	VER	WQC	6723	7/12/12	Verification sample sent to TestAmerica.
7/12/12	SB01	SYSB01-W-33907	18-23	N	WG	6724	7/12/12	
7/12/12	SB02	SYSB02-W-33908	18.5-23.5	N	WG	6724	7/12/12	
7/12/12	SB03	SYSB03-W-33909	33-38	N	WG	6724	7/12/12	
7/12/12	SB04	SYSB04-W-33910	38-43	N	WG	6724	7/12/12	
7/12/12	SB05	SYSB05-W-33911	38-43	N	WG	6724	7/12/12	
7/12/12	SB06	SYSB06-W-33912	19.5-29.5	N	WG	6724	7/12/12	

TABLE C.1 (Cont.)

Sample Date	Location	Sample	Depth (ft BGL)	Sample Type[a]	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
7/13/12	QC	SYQCQA-W-33930	–	TB	WQC	6732	7/13/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6732.
7/13/12	SY01	SY01-B-34273	–	N	VB	6736	7/13/12	Poplar along W side of driveway of 308 North St. Largest, southernmost poplar. Wolting property.
7/13/12	SY02	SY02-B-34274	–	N	VB	6736	7/13/12	Poplar along W side of driveway. Largest to the N (then cedars begin).
7/13/12	SY03	SY03-B-34275	–	N	VB	6736	7/13/12	Cedar in double row along W side of Wolting property, on former USDA property. Southernmost cedar of W row.
7/13/12	SY04	SY04-B-34276	–	N	VB	6736	7/13/12	Cedar; sixth tree N in W row.
7/13/12	SY05	SY05-B-34277	–	N	VB	6736	7/13/12	Cedar; 12th tree N in W row.
7/13/12	SY06	SY06-B-34278	–	N	VB	6736	7/13/12	Cedar; 18th tree N (second to last to N) in W row.
7/13/12	SY07	SY07-B-34279	–	N	VB	6736	7/13/12	Cedar W of Kingery private well, along barbed wire fence. Second cedar W in row N of house.
7/13/12	SY08	SY08-B-34280	–	N	VB	6736	7/13/12	Cedar farther W along fence row, in corner from 07.
7/13/12	SY09	SY09-B-34281	–	N	VB	6736	7/13/12	Maple W of Quonset hut N of Kingery well.
7/13/12	SY10	SY10-B-34282	–	N	VB	6736	7/13/12	Hackberry NW of Kingery house, in back yard.
7/13/12	SY11	SY11-B-34283	–	N	VB	6736	7/13/12	Honey locust SW corner of Kingery house, in front yard.
7/13/12	SY12	SY12-B-34284	–	N	VB	6736	7/13/12	Scotch pine NW side of Kingery driveway. Largest of group of pines in cluster.
7/13/12	SY13	SY13-B-34285	–	N	VB	6736	7/13/12	Walnut tree alone in field S of Kingery front yard.
7/13/12	SY14	SY14-B-34286	–	N	VB	6736	7/13/12	Cedar; northernmost, pruned up, just S of shed in E row of cedars. Has new suckers low.
7/13/12	SB07	SYSB07-W-33839	78-88	N	WG	6732	7/13/12	
7/13/12	SY15	SY15-B-34287	–	N	VB	6736	7/13/12	Cedar; SE corner of North St. and Ohio Ave., second cedar E of the corner. Coordinates estimated from sampling description noted in electronic mail message.
7/13/12	SB10[c]	SYSB06-S-33914	34	N	SOIL	6731	7/16/12	Time and depth of sample confirmed on COC 6731.
7/13/12	SB10[c]	SYSB06-S-33915	38	N	SOIL	6731	7/16/12	Time and depth of sample confirmed on COC 6731.
7/13/12	SB10[c]	SYSB06-S-33916DUP	42	DUP-L	SOIL	6731	7/16/12	Duplicate laboratory analysis.
7/13/12	SB10[c]	SYSB06-S-33916	42	N	SOIL	6731	7/16/12	Time and depth of sample confirmed on COC 6731.
7/13/12	SB10[c]	SYSB06-S-33917	45	N	SOIL	6731	7/16/12	Time and depth of sample confirmed on COC 6731.
7/13/12	SB10[c]	SYSB06-W-33924	42.5-45	N	WG	6732	7/13/12	Bailed sample during drillling. Time and depth of sample confirmed on COC 6732.
7/13/12	SB10[c]	SYSB06-S-33918DUP	50	DUP-L	SOIL	6731	7/16/12	Duplicate laboratory analysis.
7/13/12	SB10[c]	SYSB06-S-33918	50	N	SOIL	6731	7/16/12	Time and depth of sample confirmed on COC 6731.
7/13/12	SB10[c]	SYSB06-S-33919	52	N	SOIL	6731	7/16/12	Time and depth of sample confirmed on COC 6731.
7/13/12	SB11	SYSB11-W-33929	32-40	N	WG	6732	7/13/12	Bailed sample during drilling.
7/13/12	SB11	SYSB11-W-33928	32-40	VER	WG	6730	7/18/12	Verification sample sent to TestAmerica. Time and depth of sample confirmed on COC 6732.

TABLE C.1 (Cont.)

Sample Date	Location	Sample	Depth (ft BGL)	Sample Type[a]	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
7/14/12	SB11	SYSB11-W-33937DUP	35-45	DUP-L	WG	6726	7/14/12	Duplicate laboratory analysis.
7/14/12	SB11	SYSB11-W-33937	35-45	N	WG	6726	7/14/12	Grab sample at bottom of borehole.
7/14/12	QC	SYQCTB-S-33941	–	TB	SOIL	6731	7/16/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6731.
7/14/12	QC	SYQCQA-W-33940	–	TB	WQC	6726	7/14/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6726.
7/14/12	SB12	SYSB12-W-33931	45-46.5	N	WG	6726	7/14/12	Bailed sample during drilling. Depth confirmed on COC 6726.
7/14/12	SB12	SYSB12-W-33931VER	45-46.5	VER	WG	6730	7/18/12	Verification sample sent to TestAmerica.
7/14/12	SB12	SYSB12-W-33932	45-60	N	WG	6726	7/14/12	Bailed sample during drilling. Depth confirmed on COC 6726.
7/14/12	QC	SYQCIR-W-33938	–	RI	WQC	6726	7/14/12	Rinsate.
7/14/12	SB10	SYSB10-W-33936DUP	42.5-52.5	DUP-L	WG	6726	7/14/12	Duplicate laboratory analysis.
7/14/12	SB10	SYSB10-W-33936	42.5-52.5	N	WG	6726	7/14/12	Grab sample at bottom of borehole.
7/14/12	QC	SYQCIR-W-33939	–	RI	WQC	6726	7/14/12	Rinsate.
7/14/12	SB07	SYSB07S-W-33934	30-40	N	WG	6726	7/14/12	Bailed sample after well installation and before development.
7/14/12	SB07	SYSB07M-W-33935	55-60	N	WG	6726	7/14/12	Bailed sample after well installation and before development.
7/14/12	SB13	SYSB13-W-33841	35-40	N	WG	6727	7/18/12	Bailed sample after well installation and before development.
7/15/12	MW02	SYMW2-W-33940	18.5-23.5	N	WG	6727	7/18/12	Depth to water = 18.94 ft BGL. Depth of well = 25 ft BGL. Sample collected after purging of 8 gal.
7/16/12	MW01	SYMW1-W-33939	18-23	N	WG	6727	7/18/12	Depth to water = 19.4 ft BGL. Depth of well = 23 ft. Sample collected after purging of 8 gal.
7/16/12	MW03	SYMW3-W-33941	33-38	N	WG	6727	7/18/12	Depth to water = 35.7 ft BGL. Depth of well = 37.7 ft BGL. No purge volume recorded.
7/17/12	MW04	SYMW4-W-33942	38-43	N	WG	6727	7/18/12	Depth to water = 38.14 ft BGL. Depth of well = 42.94 ft BGL. Sample collected after purging of 55 gal.
7/17/12	MW05	SYMW5-W-33943	38-43	N	WG	6727	7/18/12	Depth to water = 33.05 ft BGL. Depth of well = 42.84 ft BGL. Sample collected after purging of 20 gal.
7/17/12	MW06S	SYMW6S-W-33945	42.5-52.5	N	WG	6727	7/18/12	Depth to water = 35.1 ft BGL. Depth of well = 52.45 ft BGL. Sample collected after purging of 35 gal.
7/17/12	MW06P	SYMW6P-W-33944	19.5-29.5	N	WG	6727	7/18/12	Depth to water = 20.7 ft BGL. Depth of well = 29.2 ft BGL. Sample collected after purging of 25 gal.
7/17/12	MW07D	SYMW7D-W-33948	78-88	N	WG	6727	7/18/12	Depth to water = 38.75 ft BGL. Depth of well = 87.38 ft BGL. Sample collected after purging of 50 gal.

TABLE C.1 (Cont.)

Sample Date	Location	Sample	Depth (ft BGL)	Sample Type[a]	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
7/17/12	MW07M	SYMW7M-W-33947	55-60	N	WG	6727	7/18/12	Depth to water = 38.82 ft BGL. Depth of well = 59.1 ft BGL. Sample collected after purging of 30 gal.
7/18/12	MW12	SYMW12-W-33950DUP	45-55	DUP-L	WG	6727	7/18/12	Duplicate laboratory analysis.
7/18/12	QC	SYMEOHBLANK-18JUL12	–	TB	MEOH	4909	7/18/12	Verification sample sent to TestAmerica.
7/18/12	QC	SYQCQA-W-33952	–	TB	WQC	6727	7/18/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6727.
7/18/12	MW11	SYMW11-W-33949VER	35-45	VER	WG	6730	7/18/12	Verification sample sent to TestAmerica.
7/18/12	MW12	SYMW12-W-33950VER	45-55	VER	WG	6730	7/18/12	Verification sample sent to TestAmerica.
7/18/12	QC	SYQCQA-W-33952VER	–	VER	WQC	6730	7/18/12	Verification sample sent to TestAmerica.
7/18/12	MW07S	SYMW7S-W-33946	30-40	N	WG	6727	7/18/12	Depth to water = 36.25 ft BGL. Depth of well = 39.6 ft BGL. Sample collected after purging of 10 gal.
7/18/12	MW13	SYMW13-W-33951	34.5-39.5	N	WG	6727	7/18/12	Depth to water = 30.08 ft BGL. Depth of well = 39.48 ft. Sample collected after purging of 45 gal.
7/18/12	MW11	SYMW11-W-33949	35-45	N	WG	6727	7/18/12	Depth to water = 27.67 ft BGL. Depth of well = 46.3 ft BGL. Sample collected after purging of 40 gal.
7/18/12	MW12	SYMW12-W-33950	45-55	N	WG	6727	7/18/12	Depth to water = 33.8 ft BGL. Depth of well = 55.1 ft BGL. Sample collected after purging of 40 gal.
7/26/12	WOLTING (NORTH)	SYWNORTH-W-33953	–	N	WG	6737	7/26/12	
7/26/12	WOLTING (NORTH)	SYWNORTH-W-33953DUP	–	DUP-L	WG	6737	7/26/12	Duplicate laboratory analysis.
7/26/12	QC	SYQCTB-W-33955	–	TB	WQC	6737	7/26/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6737.
7/26/12	QC	SYQIDW-W-33954	–	WASTE	WG	6737	7/26/12	
7/26/12	QC	SYIDW1-S-33956	–	WASTE	SOIL	Pace-26Jul12	7/26/12	Composite soil sample of monitoring well cuttings from drill rig, stored on-site in 55-gal drum.
7/26/12	QC	SYIDW2-S-33957	–	WASTE	SOIL	Pace-26Jul12	7/26/12	Composite soil sample of monitoring well cuttings from drill rig, stored on-site in 55-gal drum.
2/6/13	WOLTING	WOLTING-MAIN	–	N	INDOOR AIR	TA-6Feb13	2/6/13	Sample collected over 24 hr; KDHE sampling form used. Beginning pressure -30 in. Hg at 2/5/13 13:11. Ending pressure -6 in. Hg at 2/6/13 13:12.
2/6/13	WOLTING	WOLTING-BASEMENT	–	N	INDOOR AIR	TA-6Feb13	2/6/13	Sample collected over 24 hr; KDHE sampling form used. Beginning pressure -30 in. Hg at 2/5/13 13:13. Ending pressure -7 in. Hg at 2/6/13 13:13.
2/6/13	WOLTING	WOLTING-AMBIENT	–	N	AMBIENT AIR	TA-6Feb13	2/6/13	Background sample collected outside house over 24 hr. KDHE sampling form used. Beginning pressure -26 in. Hg at 2/5/13 13:24. Ending pressure -3 in. Hg at 2/6/13 13:21.
2/6/13	KINGERY	KINGERY-BASEMENT	–	N	INDOOR AIR	TA-6Feb13	2/6/13	Sample collected over 24 hr. KDHE sampling form used. Beginning pressure -29 in. Hg at 2/5/13 13:34. Ending pressure -6 in. Hg at 2/6/13 13:30.

TABLE C.1 (Cont.)

Sample Date	Location	Sample	Depth (ft BGL)	Sample Type[a]	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
2/6/13	KINGERY	KINGERY-MAIN	–	N	INDOOR AIR	TA-6Feb13	2/6/13	Sample collected over 24 hr. KDHE sampling form used. Beginning pressure -28 in. Hg at 2/5/13 13:47. Ending pressure -4 in. Hg at 2/6/13 13:33.
2/6/13	KINGERY	KINGERY-AMBIENT	–	N	AMBIENT AIR	TA-6Feb13	2/6/13	Background sample collected outside house over 24 hr. KDHE sampling form used. Beginning pressure -28 in. Hg at 2/5/13 13:53. Ending pressure -4 in. Hg at 2/6/13 13:39.

[a] Sample type codes: DUP-F, field replicate; DUP-L, laboratory duplicate; FB, field blank; N, primary sample; RI, rinsate; TB, trip blank; VER, verification sample; WASTE, waste sample.

[b] Matrix type codes: MEOH, methanol; SOIL, soil; SOIL GAS, soil gas; VB, vegetation-branch; WG, groundwater; WQC, quality control water sample (e.g., trip blank).

[c] SB10 is a deeper soil boring approximately 5 ft from shallower soil boring SB06. Some samples from SB10 were incorrectly marked with the SB06 identifier in the field. The original sample identifiers (including “SB06”) are retained here, but the location is given correctly as SB10.

Appendix D:

Indoor and Ambient Air Sampling Records

KINGERY 1

Kansas Department of Health and Environment

Bureau of Environmental Remediation
Indoor Air Sampling Form

Project Name: SYLVAN GROVE, KS	Sample Date: 2/05/2013
Property ID: KINGERY	Sampler: TRAVIS KAMLER

Sample Information

	Sample Location:	Sample ID:	Canister Number:
(1)	BASEMENT		4458
(2)	MAIN FLOOR		2511
(3)	AMBIENT		2739
(4)	(outside of house)		

Environmental Conditions

2/05/2013

Outdoor Temperature: 57°F	Barometric Pressure: 30.05 in	Relative Humidity: 35%
Wind Speed: 7 mph	Wind Direction: FROM NNE	

Preliminary Screening

Instrumentation:	Calibration Date:	Calibration Time:

Location 1:	Reading 1:
Location 2:	Reading 2:
Location 3:	Reading 3:
Location 4:	Reading 4:

Air Sample Detail

	Start Time:	Initial Vacuum:	End Time:	Final Vacuum:	Flow Controller Number:
(1)	2-05-13 13:34	-29 in	2-06-13 13:30	-6 in	4199
(2)	13:47	-28 in	13:33	-4 in	2826
(3)	13:53	-28 in	13:39	-4 in	3773
(4)					

Note: This form is to be completed for each residence involved in indoor air sampling activities. Page 3 of the form provides space for additional notes or comments.

KINGERY2

Indoor Air Sampling Form – Page 2

Resident/Owner Information

	Occupant Name:	Age:	Length of Occupancy:
(1)	BARB KINGERY	60+	30+
(2)			
(3)			
(4)			
(5)			

Mailing Address: 400 W. Old Highway 18, Sylvan Grove | Phone Number: 785-526-7241

Smokers: ☐ Yes ☑ No | If yes, type and frequency:

Do occupants use dry cleaning service? ☐ Weekly ☐ Monthly ☐ Not at All

Property Owner (if different):

Owner's Mailing Address: | Owner's Phone Number:

Chemicals Used or Stored In the Residence

Chemical Type:	Used or Stored:	If yes, What type, when and where:
Paint, Paint Thinners, or Varnishes	☐ Yes ☑ No	
Gas-Powered Equipment	☐ Yes ☑ No	
Gasoline	☐ Yes ☑ No	
Pesticides	☐ Yes ☑ No	
Cleaning Solvents	☐ Yes ☑ No	
Cleaning Products	☐ Yes ☑ No	
Carpet/Upholstery Cleaners	☐ Yes ☑ No	
Moth Balls	☐ Yes ☑ No	
Air Fresheners	☑ Yes ☐ No	Bathroom
Hobby Supplies	☐ Yes ☐ No	
Cosmetic Products	☑ Yes ☐ No	Bathroom
Other: _____		

Note: To the extent possible, the products listed above should not be used in the residence for at least 48 hours before sampling to avoid background interferences.

KINGERY

Indoor Air Sampling Form – Page 3

Building Information Basement 1976

Building Type:	Year Constructed: 1960	Foundation Type: Concrete
Foundation Walls: Concrete	Foundation Cracks:	Basement Moisture:
Basement Flooring: Concrete	Floor Drains:	Basement (% Finished): 50%
Basement Occupancy: ☐ Full-time	☒ Occasionally ☑ Seldom	☐ Almost Never
Private Well: ☑ Yes ☐ No	Well Use: Livestock	Sump: ☑ Yes ☐ No
Cistern: ☐ Yes ☐ No	Attached Garage: ☐ Yes ☑ No	
Radon Mitigation System Installed: ☐ Yes ☑ No	If yes, what type:	
Recent Remodeling: ☐ Yes ☑ No	If yes, what activities:	

Primary Water Supply:	☑ Public Water ☐ Private Well	☐ Other:_____
Sewage Disposal:	☑ Public Sewer ☐ Septic Tank	☐ Leach Field ☐ Other:_____
Type of Heating System(s): (check all that apply)	☑ Hot Air Circulation ☐ Heat Pump ☐ Hot Air Radiation ☐ Steam Radiation	☐ Wood Stove/Fireplace ☐ Gas Fireplace ☐ Kerosene Space Heater ☐ Electric Baseboard Heat
Fuel Type(s): (Check all that apply)	☑ Natural Gas ☐ Propane ☐ Electric ☐ Fuel Oil	☐ Solar ☐ Coal ☐ Other: _____
Type of Cooling and Ventilation System(s): (Check all that apply)	☑ Central Air Conditioning ☐ Window Air Conditioning ☐ Mechanical Fans ☐ Bathroom Exhaust Fan ☐ Kitchen Exhaust Fan	☐ Air to Air Exchanger ☐ Attic Fan ☐ Whole House Fan ☐ Open Windows ☐ Other: _____

Other Comments

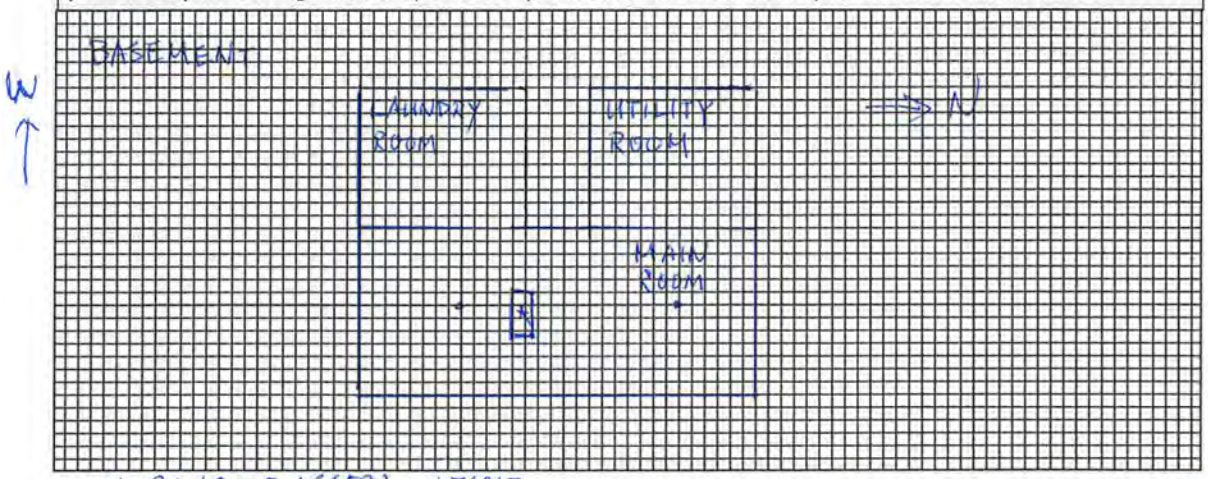
Basement is mainly for storage. In basement, the main room is finished with wood wall and concrete floor. Laundry room and utility room are not finished.

KINGERY 4

Indoor Air Sampling Form – Page 4

Floor Plans

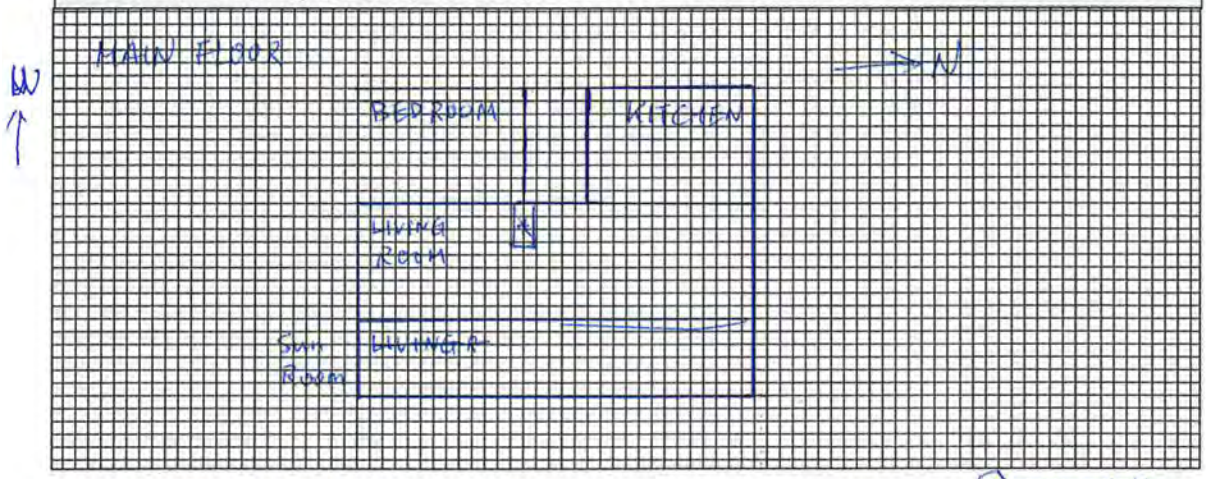
Basement Layout: Identify furnace and water heater, chemical storage, indoor air pollution sources, preliminary screening locations, and sample locations. Also identify which direction is north.



* CANISTER (4458) ON TABLE

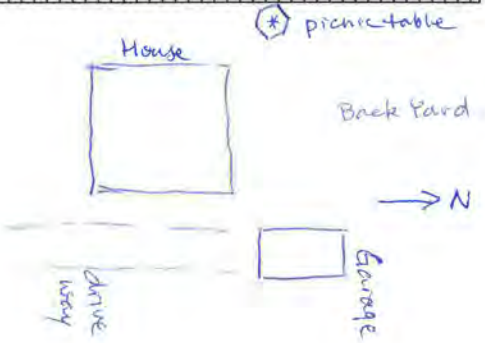
• TWO RADON KITS. IDS: 4493647, 4493648 HUNG FROM CEILING

First Floor Layout: Identify furnace and water heater, chemical storage, indoor air pollution sources, preliminary screening locations, and sample locations. Also identify which direction is north.



* CANISTER (2511) in Main Floor

* CANISTER (2739) on picnic table For Ambient Air



WOLTING 1

Kansas Department of Health and Environment

Bureau of Environmental Remediation
Indoor Air Sampling Form

Project Name:	SYLVAN GROVE, KS	Sample Date:	2/05/2013
Property ID:	WOLTING	Sampler:	TRAVIS KAMLER

Sample Information

	Sample Location:	Sample ID:	Canister Number:
(1)	MAIN FLOOR		5177
(2)	BASEMENT		3122
(3)	AMBIENT		3219
(4)	(outside of house)		

Environmental Conditions

2/05/13 13:00

Outdoor Temperature:	57°F	Barometric Pressure:	30.05 in 1018 hPa	Relative Humidity:	35%
Wind Speed:	7mph	Wind Direction:	FROM NNE		

Preliminary Screening

Instrumentation:	Calibration Date:	Calibration Time:

Location 1:	Reading 1:
Location 2:	Reading 2:
Location 3:	Reading 3:
Location 4:	Reading 4:

Air Sample Detail

Start Date 2-05-13

End Date 2-06-13

	Start Time:	Initial Vacuum:	End Time:	Final Vacuum:	Flow Controller Number:
(1)	2-05-13 13:11	-30 in	2-06-13 13:12	-6 in	4163
(2)	13:13	-30 in	13:13	-7 in	2662
(3)	13:24	-26 in	13:21	-3 in	4989
(4)					

Note: This form is to be completed for each residence involved in indoor air sampling activities. Page 3 of the form provides space for additional notes or comments.

WOLTING 2

Indoor Air Sampling Form – Page 2

Resident/Owner Information

	Occupant Name:	Age:	Length of Occupancy:
(1)	RYAN WOLTING and WIFE	30-40	SINCE 2004
(2)	Two Kids	9 – 10	"
(3)			
(4)			
(5)			

Mailing Address: 308 W. Old Highway 18, Sylvan Grove | Phone Number: 785-526-7731

Smokers: ☐ Yes ☑ No | If yes, type and frequency:

Do occupants use dry cleaning service? ☐ Weekly ☐ Monthly ☑ Not at All

Property Owner (if different):

Owner's Mailing Address: | Owner's Phone Number:

Chemicals Used or Stored In the Residence

Chemical Type:	Used or Stored:	If yes, What type, when and where:
Paint, Paint Thinners, or Varnishes	☐ Yes ☑ No	
Gas-Powered Equipment	☐ Yes ☑ No	
Gasoline	☐ Yes ☑ No	
Pesticides	☐ Yes ☑ No	
Cleaning Solvents	☐ Yes ☑ No	
Cleaning Products	☐ Yes ☑ No	
Carpet/Upholstery Cleaners	☐ Yes ☑ No	
Moth Balls	☐ Yes ☑ No	
Air Fresheners	☐ Yes ☑ No	
Hobby Supplies	☐ Yes ☑ No	
Cosmetic Products	☑ Yes ☐ No	Nail polisher, etc. in basement and main floor.
Other: _____		

Note: To the extent possible, the products listed above should not be used in the residence for at least 48 hours before sampling to avoid background interferences.

WOLTING 3

Indoor Air Sampling Form – Page 3

Building Information

Building Type:	Year Constructed: 2004	Foundation Type: CONCRETE
Foundation Walls: CONCRETE	Foundation Cracks:	Basement Moisture:
Basement Flooring: CARPET - TV Room WOOD - Two bedroom	Floor Drains: to SEWER	Basement (% Finished): 98%
Basement Occupancy: ☑ Full-time ☐ Occasionally ☐ Seldom ☐ Almost Never		
Private Well: ☑ Yes ☐ No	Well Use: LAWN & GARDEN	Sump: ☑ Yes ☐ No
Cistern: ☐ Yes ☐ No	Attached Garage: ☐ Yes ☐ No	
Radon Mitigation System Installed: ☐ Yes ☑ No	If yes, what type:	
Recent Remodeling: ☐ Yes ☐ No	If yes, what activities:	

Primary Water Supply:	☑ Public Water ☐ Private Well	☐ Other:_____
Sewage Disposal:	☑ Public Sewer ☐ Septic Tank	☐ Leach Field ☐ Other:_____
Type of Heating System(s): (check all that apply)	☑ Hot Air Circulation ☐ Heat Pump ☐ Hot Air Radiation ☐ Steam Radiation	☐ Wood Stove/Fireplace ☐ Gas Fireplace ☐ Kerosene Space Heater ☐ Electric Baseboard Heat
Fuel Type(s): (Check all that apply)	☑ Natural Gas ☐ Propane ☐ Electric ☐ Fuel Oil	☐ Solar ☐ Coal ☐ Other: _____
Type of Cooling and Ventilation System(s): (Check all that apply)	☑ Central Air Conditioning ☐ Window Air Conditioning ☐ Mechanical Fans ☐ Bathroom Exhaust Fan ☐ Kitchen Exhaust Fan	☐ Air to Air Exchanger ☐ Attic Fan ☐ Whole House Fan ☐ Open Windows ☐ Other: _____

Other Comments

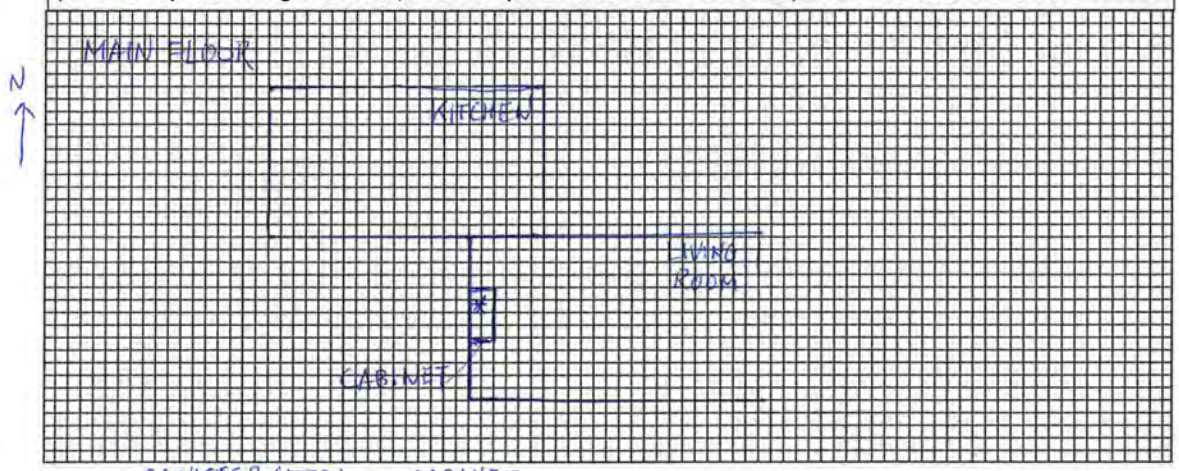
TWO BEDROOMS IN BASEMENT

WOLTING4

Indoor Air Sampling Form – Page 4

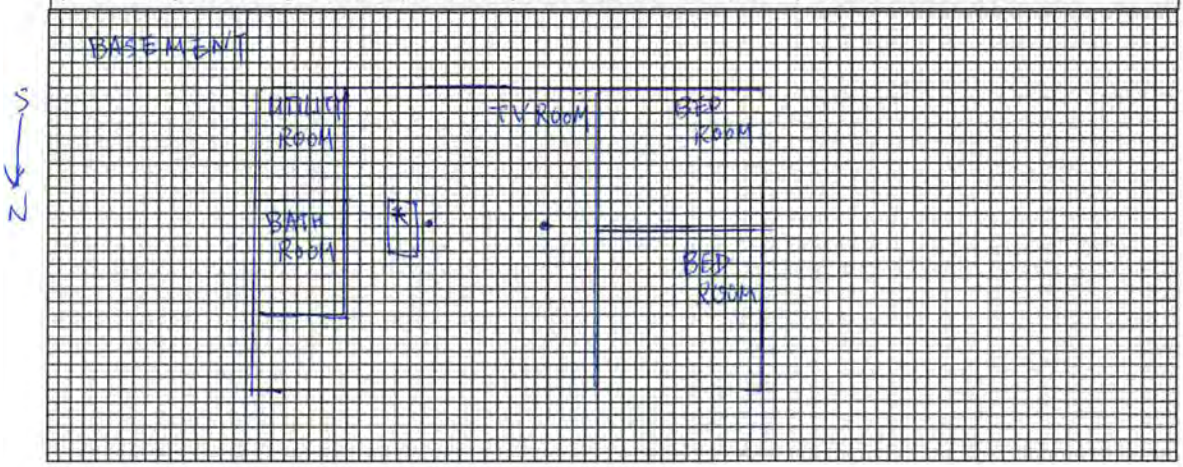
Floor Plans

Basement Layout: Identify furnace and water heater, chemical storage, indoor air pollution sources, preliminary screening locations, and sample locations. Also identify which direction is north.



* CANISTER (5177) on CABINET

First Floor Layout: Identify furnace and water heater, chemical storage, indoor air pollution sources, preliminary screening locations, and sample locations. Also identify which direction is north.



* CANISTER (3122) on TABLE

• TWO RADON KITS HUNG ON THE POST. RADON KIT ID: #4493645
#4493646

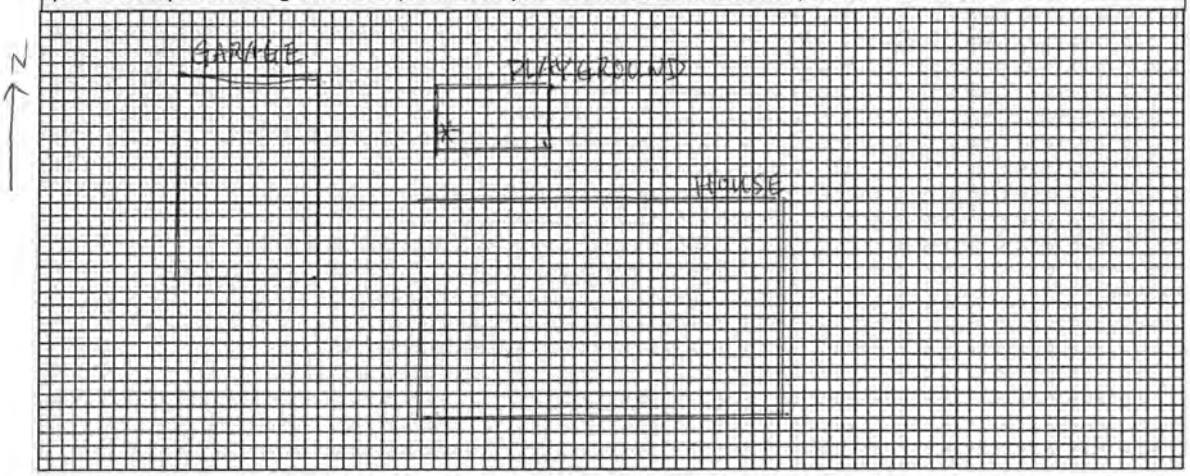
BEDROOM: TWO KIDS in Bedrooms

WOLTING5

Indoor Air Sampling Form – Page 4

Floor Plans

Basement Layout: Identify furnace and water heater, chemical storage, indoor air pollution sources, preliminary screening locations, and sample locations. Also identify which direction is north.



* CANISTER (3219) HUNG ON THE POST IN PLAYGROUND.

First Floor Layout: Identify furnace and water heater, chemical storage, indoor air pollution sources, preliminary screening locations, and sample locations. Also identify which direction is north.

Appendix E:

Hand-Measured Groundwater Level Data

TABLE E.1 Hand-measured groundwater levels, July 25, 2012, to April 10, 2014.

			July 25, 2012			September 26, 2012			October 8, 2013			April 10, 2014		
Well	Top of Casing Elevation (ft AMSL)	Ground Surface Elevation (ft AMSL)	Time	Depth to Water (ft TOC)	Water Level Elevation (ft AMSL)	Time	Depth to Water (ft TOC)	Water Level Elevation (ft AMSL)	Time	Depth to Water (ft TOC)	Water Level Elevation (ft AMSL)	Time	Depth to Water (ft TOC)	Water Level Elevation (ft AMSL)
MW01	1483.74	1484.08	12:38	19.01	1464.73	15:58	19.28	1464.46	17:38	16.71	1467.03	13:08	20.23	1463.51
MW02[a]	1483.00	1483.28	12:46	16.90	1466.10	–	–	–	15:24	15.33	1467.67	13:02	18.51	1464.49
MW03	1486.95	1487.22	12:27	35.54	1451.41	15:45	35.63	1451.32	15:51	35.68	1451.27	13:16	35.96	1450.99
MW04	1488.99	1489.27	14:05	37.71	1451.28	15:27	37.89	1451.10	16.45	37.85	1451.14	13:26	38.27	1450.72
MW05	1480.85	1481.13	11:44	32.78	1448.07	13:16	32.50	1448.35	11:38	32.35	1448.50	11:38	32.35	1448.50
MW06P	1482.78	1483.04	11:52	21.47	1461.31	13:44	21.68	1461.10	11:55	20.64	1462.14	12:36	22.45	1460.33
MW06S	1482.87	1483.15	12:00	34.73	1448.14	13:25	34.40	1448.47	11:45	34.34	1448.53	12:38	34.93	1447.94
MW07S	1487.10	1487.40	13:02	35.94	1451.16	14:01	36.05	1451.05	13:23	36.07	1451.03	12:22	36.48	1450.62
MW07M	1487.23	1487.47	13:26	38.75	1448.48	14:06	38.12	1449.11	13:03	39.20	1448.03	11:55	38.63	1448.60
MW07D	1487.43	1487.70	13:31	38.65	1448.78	14:10	38.26	1449.17	12:40	39.11	1448.32	11:53	38.76	1448.67
MW11	1475.17	1475.38	10:42	27.32	1447.85	11:58	27.19	1447.98	14:02	26.80	1448.37	11:05	27.76	1447.41
MW12[b]	1481.57	1481.84	14:21	33.76	1447.81	12:52	33.23	1448.34	14:25	33.12	1448.45	–	–	–
MW13	1477.89	1478.14	11:18	29.87	1448.02	12:17	29.69	1448.20	13:45	29.41	1448.48	11:40	30.26	1447.63
Wolting (north)[c]	1486.16	1484.02	16:25	36.71	1449.45	15:02	36.52	1449.64	17:02	36.78	1449.38	–	–	–
Wolting (south)[d]	1484.72	1482.59	14:43	36.42	1448.30	–	–	–	–	–	–	–	–	–

[a] MW02 was covered and was not accessible on September 26, 2012; no hand measurement was made.

[b] MW12 was covered and was not accessible on April 10, 2012; no hand measurement was made.

[c] Wolting (north) in use for livestock and was not accessible on April 10, 2012; no hand measurement was made.

[d] Wolting (south) was not accessible after the measurement on July 25, 2012, because of a change in wiring for the pump.

Appendix F:

Land Survey Data

TABLE F.1 Survey data for 2012 environmental site investigation at Sylvan Grove.[a]

Location	Easting (ft)	Northing (ft)	Ground Surface Elevation (ft AMSL)	Top of Casing Elevation (ft AMSL)	Type of Data
Monitoring well (soil boring) locations in the perched aquifer					
MW01 (SB01)	1199435.919	249267.823	1484.08	1483.74	Surveyed
MW02 (SB02)	1199466.265	249206.459	1483.28	1483.00	Surveyed
MW06P (SB06)	1199374.571	249233.500	1483.04	1482.78	Surveyed
Monitoring well (soil boring) locations in the shallow aquifer					
MW03 (SB03)	1199466.401	249437.445	1487.22	1486.95	Surveyed
MW04 (SB04)	1199393.720	249521.835	1489.27	1488.99	Surveyed
MW05 (SB05	1199377.079	249151.156	1481.13	1480.85	Surveyed
MW06S (SB10)	1199376.734	249236.625	1483.15	1482.87	Surveyed
MW07S (SB07)	1199353.257	249411.334	1487.40	1487.10	Surveyed
MW11 (SB11)	1199199.883	249013.931	1475.38	1475.17	Surveyed
MW12 (SB12)	1199567.925	248987.182	1481.84	1481.57	Surveyed
MW13 (SB13)	1199203.589	249191.699	1478.14	1477.89	Surveyed
Monitoring well (soil boring) locations in the deep aquifer					
MW07M (SB07)	1199357.475	249408.201	1487.47	1487.23	Surveyed
MW07D (SB07)	1199362.019	249407.824	1487.70	1487.43	Surveyed
Private well locations					
Kingery	1199337.024	249405.768	1487.15	–	Surveyed
Wolting (north)	1199916.033	249672.992	1484.02	1486.16	Surveyed
Wolting (south)	1199653.938	249053.653	1482.59	1484.72	Surveyed
Vegetation sampling locations					
SY01	1199380.858	249042.950	1479.49	–	Surveyed
SY02	1199385.256	249126.253	1480.58	–	Surveyed
SY03	1199378.908	249157.816	1481.28	–	Surveyed
SY04	1199379.836	249208.368	1482.15	–	Surveyed
SY05	1199381.682	249280.912	1484.07	–	Surveyed
SY06	1199384.823	249354.925	1485.65	–	Surveyed
SY07	1199286.561	249394.579	1485.02	–	Surveyed
SY08	1199225.054	249407.092	1484.70	–	Surveyed
SY09	1199288.191	249427.608	1486.17	–	Surveyed
SY10	1199274.793	249292.020	1482.26	–	Surveyed
SY11	1199276.630	249206.258	1481.31	–	Surveyed
SY12	1199331.907	249162.958	1481.61	–	Surveyed
SY13	1199300.335	249102.198	1478.20	–	Surveyed
SY14	1199398.016	249376.894	1486.60	–	Surveyed
SY15	1199449.33	248905.49	–	–	Estimated

[a] Coordinates are State Plane Kansas northern zone; horizontal datum = NAD83; vertical datum = NAVD29.

Supplement 1:

TestAmerica and Air Chek Data

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TestAmerica Water SDG 200-11730 ..... Page 121 of 295

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TestAmerica Soil SDG 200-11842 ..... Page 212 of 295

ANALYTICAL REPORT

Job Number: 200-14993-1

SDG Number: Sylvan Grove (200-14993)

Job Description: Sylvan Grove (200-14993)

Contract Number: 1E-30401

For:
Argonne National Laboratory
9700 South Cass Avenue
Building 203
Office B-149
Argonne, IL 60439

Attention: Ms. Esther Bowen

Approved for release.
Kirk F Young
Project Manager I
2/26/2013 11:46 AM

Kirk F Young
Project Manager I
kirk.young@testamericainc.com
02/26/2013

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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CASE NARRATIVE

Client: Argonne National Laboratory

Project: Sylvan Grove (200-14993)

Report Number: 200-14993-1

Enclosed is the data set for the referenced project work. With the exceptions noted as flags or footnotes, standard analytical protocols were followed in performing the analytical work and the applied control limits were met.

Calculations were performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples.

Receipt

The samples were received on 01/17/2013. Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Shipping and Receiving section of this submittal.

USEPA Compendium Method TO-15

The summa canisters and flow regulators that were used in the collection of the samples were prepared and supplied by TestAmerica Burlington.

The analytical results for the analysis of the samples in this sample set are reported in terms of parts per billion on a volume/volume basis (ppbv), and in terms of ug/cubic meter on a weight/volume basis (ug/m3). Within this submittal there are two analytical reports for each sample.

Each sample in the sample set was analyzed without a dilution. An additional, dilution analysis was performed on samples WOLTING-MAIN and WOLTING-BASEMENT in order to provide for the quantification within the range of calibrated instrument response. Both sets of results of the analysis of samples WOLTING-MAIN and WOLTING-BASEMENT are included in this submittal.

With the exception of those for benzyl chloride, the responses for each of the target analytes met the 30.0 percent relative standard deviation criterion in the initial calibration. The relative standard deviation of the responses for benzyl chloride was 36.0 percent. The initial calibration verification was performed using a standard formulation that was independent of the standards that were used for the calibration. The recovery of each target analyte in the initial calibration verification acquisition was between 70 percent and 130 percent. With the exception of those for 1,4-dioxane and benzyl chloride in the calibration check identified as CCVIS 200-52099/2, and those for 1,2,4-trichlorobenzene and naphthalene in the calibration check identified as CCVIS 200-52165/2, the response for each target analyte met the 30.0 percent difference criterion in each opening/continuing calibration check acquisition. In the CCVIS 200-52099/2 acquisition the response for 1,4-dioxane was low relative to the average response in the initial calibration, representing a 35.3 percent difference, and the response for benzyl chloride was high, representing a 38.6 percent difference. In the CCVIS 200-52165/2 acquisition the responses for 1,2,4-trichlorobenzene and naphthalene were low, representing a 30.7 percent difference for

1,2,4-trichlorobenzene, and a 33.8 percent difference for naphthalene. Each of the analyses associated with the analytical work exhibited an acceptable internal standard performance. A laboratory control sample was prepared and analyzed with the samples in each analytical sequence. The recovery of each target analyte in each laboratory control sample analysis was between 70 percent and 130 percent. The analysis of each method blank associated with the analytical work was free of analyte contamination.

Manual integration was employed in deriving certain of the analytical results. The values that have been derived from manual integration are qualified on the quantitation reports. Extracted ion current profiles for each manual integration are included in the data package, and further documented at the end of this submittal.

DATA REPORTING QUALIFIERS

Client: Argonne National Laboratory

Job Number: 200-14993-1
Sdg Number: Sylvan Grove (200-14993)

Lab Section	Qualifier	Description
Air - GC/MS VOA		
	U	Indicates the analyte was analyzed for but not detected.
	E	Result exceeded calibration range.
	D	Sample results are obtained from a dilution; the surrogate or matrix spike recoveries reported are calculated from diluted samples.

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i Analysis Batch Number: 51182

Lab Sample ID: IC 200-51182/3 Client Sample ID:

Date Analyzed: 01/25/13 10:40 Lab File ID: ggz003.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Vinyl chloride	3.71	Peak not found by the data system	wrd	01/25/13 15:50

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i Analysis Batch Number: 52099

Lab Sample ID: 200-14993-1 Client Sample ID: WOLTING-MAIN

Date Analyzed: 02/19/13 21:45 Lab File ID: ggzt016.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	21.34	Baseline event	mtp	02/26/13 09:41

Lab Sample ID: 200-14993-2 Client Sample ID: WOLTING-BASEMENT

Date Analyzed: 02/19/13 22:35 Lab File ID: ggzt017.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
4-Ethyltoluene	21.31	Baseline event	mtp	02/26/13 09:43

Lab Sample ID: 200-14993-4 Client Sample ID: KINGERY-MAIN

Date Analyzed: 02/20/13 00:17 Lab File ID: ggzt019.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.28	Baseline event	mtp	02/20/13 10:57

Lab Sample ID: 200-14993-6 Client Sample ID: KINGERY-AMBIENT

Date Analyzed: 02/20/13 02:00 Lab File ID: ggzt021.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	6.28	Baseline event	mtp	02/20/13 11:02

AIR - GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i Analysis Batch Number: 52165

Lab Sample ID: 200-14993-1 DL Client Sample ID: WOLTING-MAIN DL

Date Analyzed: 02/21/13 06:35 Lab File ID: ggzu025.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Xylene, o-	19.73	Wrong peak identified by the data system	mtp	02/21/13 11:19

Lab Sample ID: 200-14993-2 DL Client Sample ID: WOLTING-BASEMENT DL

Date Analyzed: 02/21/13 07:25 Lab File ID: ggzu026.d GC Column: RTX-624 ID: 0.32(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Xylene, o-	19.71	Not specified	mtp	02/21/13 11:23

SAMPLE SUMMARY

Client: Argonne National Laboratory

Job Number: 200-14993-1
Sdg Number: Sylvan Grove (200-14993)

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-14993-1	WOLTING-MAIN	Air	02/06/2013 1311	02/07/2013 1015
200-14993-2	WOLTING-BASEMENT	Air	02/06/2013 1314	02/07/2013 1015
200-14993-3	WOLTING-AMBIENT	Air	02/06/2013 1321	02/07/2013 1015
200-14993-4	KINGERY-MAIN	Air	02/06/2013 1333	02/07/2013 1015
200-14993-5	KINGERY-BASEMENT	Air	02/06/2013 1330	02/07/2013 1015
200-14993-6	KINGERY-AMBIENT	Air	02/06/2013 1339	02/07/2013 1015

METHOD SUMMARY

Client: Argonne National Laboratory

Job Number: 200-14993-1
Sdg Number: Sylvan Grove (200-14993)

Description	Lab Location	Method	Preparation Method
Matrix: Air			
Volatile Organic Compounds in Ambient Air	TAL BUR	EPA TO-15	
Collection via Summa Canister	TAL BUR		Summa Canister

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

EPA = US Environmental Protection Agency

METHOD / ANALYST SUMMARY

Client: Argonne National Laboratory

Job Number: 200-14993-1
Sdg Number: Sylvan Grove (200-14993)

Method	Analyst	Analyst ID
EPA TO-15	Phillips, Mark T	MTP

Client: Argonne National Laboratory

Job Number: 200-14993-1
Sdg Number: Sylvan Grove (200-14993)

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
Air - GC/MS VOA					
Analysis Batch:200-52099					
LCS 200-52099/3	Lab Control Sample	T	Air	TO-15	
MB 200-52099/4	Method Blank	T	Air	TO-15	
200-14993-1	WOLTING-MAIN	T	Air	TO-15	
200-14993-2	WOLTING-BASEMENT	T	Air	TO-15	
200-14993-3	WOLTING-AMBIENT	T	Air	TO-15	
200-14993-4	KINGERY-MAIN	T	Air	TO-15	
200-14993-5	KINGERY-BASEMENT	T	Air	TO-15	
200-14993-6	KINGERY-AMBIENT	T	Air	TO-15	
Analysis Batch:200-52165					
LCS 200-52165/3	Lab Control Sample	T	Air	TO-15	
MB 200-52165/4	Method Blank	T	Air	TO-15	
200-14993-1DL	WOLTING-MAIN	T	Air	TO-15	
200-14993-2DL	WOLTING-BASEMENT	T	Air	TO-15	

Report Basis
T = Total

Method TO15

Volatile Organic Compounds (GC/MS) by Method TO15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Matrix: Air Level: Low Lab File ID: ggzt003.d

Lab ID: LCS 200-52099/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	12.9	130	70-130	
Freon 22	10.0	12.7	127	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.7	127	70-130	
Chloromethane	10.0	11.8	118	70-130	
n-Butane	10.0	11.7	117	70-130	
Vinyl chloride	10.0	11.8	118	70-130	
1,3-Butadiene	10.0	12.1	121	70-130	
Bromomethane	10.0	11.8	118	70-130	
Chloroethane	10.0	11.7	117	70-130	
Bromoethene(Vinyl Bromide)	10.0	12.2	122	70-130	
Trichlorofluoromethane	10.0	12.3	123	70-130	
Freon TF	10.0	13.0	130	70-130	
1,1-Dichloroethene	10.0	12.8	128	70-130	
Acetone	10.0	11.5	115	70-130	
Isopropyl alcohol	10.0	11.9	119	70-130	
Carbon disulfide	10.0	11.7	117	70-130	
3-Chloropropene	10.0	11.0	110	70-130	
Methylene Chloride	10.0	12.4	125	70-130	
tert-Butyl alcohol	10.0	11.7	117	70-130	
Methyl tert-butyl ether	10.0	12.1	121	70-130	
trans-1,2-Dichloroethene	10.0	11.8	118	70-130	
n-Hexane	10.0	11.7	117	70-130	
1,1-Dichloroethane	10.0	11.5	115	70-130	
Methyl Ethyl Ketone	10.0	10.8	108	70-130	
cis-1,2-Dichloroethene	10.0	11.1	111	70-130	
Chloroform	10.0	11.3	113	70-130	
Tetrahydrofuran	10.0	11.1	111	70-130	
1,1,1-Trichloroethane	10.0	11.5	115	70-130	
Cyclohexane	10.0	10.9	109	70-130	
Carbon tetrachloride	10.0	11.5	115	70-130	
2,2,4-Trimethylpentane	10.0	11.5	115	70-130	
Benzene	10.0	10.8	108	70-130	
1,2-Dichloroethane	10.0	11.4	114	70-130	
n-Heptane	10.0	11.1	111	70-130	
Trichloroethene	10.0	10.8	108	70-130	
Methyl methacrylate	10.0	10.6	106	70-130	
1,2-Dichloropropane	10.0	10.3	103	70-130	
1,4-Dioxane	10.0	11.0	110	70-130	
Bromodichloromethane	10.0	10.8	108	70-130	
cis-1,3-Dichloropropene	10.0	10.0	100	70-130	
methyl isobutyl ketone	10.0	11.0	110	70-130	
Toluene	10.0	10.3	103	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Matrix: Air Level: Low Lab File ID: ggzt003.d

Lab ID: LCS 200-52099/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	11.1	111	70-130	
1,1,2-Trichloroethane	10.0	9.37	94	70-130	
Tetrachloroethene	10.0	9.46	95	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	9.88	99	70-130	
Dibromochloromethane	10.0	11.0	110	70-130	
1,2-Dibromoethane	10.0	9.86	99	70-130	
Chlorobenzene	10.0	10.1	101	70-130	
Ethylbenzene	10.0	10.9	109	70-130	
m,p-Xylene	20.0	22.3	111	70-130	
Xylene, o-	10.0	11.0	110	70-130	
Styrene	10.0	11.1	111	70-130	
Bromoform	10.0	11.8	118	70-130	
Cumene	10.0	11.6	116	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.2	102	70-130	
n-Propylbenzene	10.0	11.1	111	70-130	
4-Ethyltoluene	10.0	12.3	123	70-130	
1,3,5-Trimethylbenzene	10.0	11.5	116	70-130	
2-Chlorotoluene	10.0	11.7	117	70-130	
tert-Butylbenzene	10.0	11.8	118	70-130	
1,2,4-Trimethylbenzene	10.0	11.6	116	70-130	
sec-Butylbenzene	10.0	12.0	120	70-130	
4-Isopropyltoluene	10.0	12.5	125	70-130	
1,3-Dichlorobenzene	10.0	11.7	117	70-130	
1,4-Dichlorobenzene	10.0	11.1	111	70-130	
Benzyl chloride	10.0	11.9	119	70-130	
n-Butylbenzene	10.0	12.1	121	70-130	
1,2-Dichlorobenzene	10.0	11.4	114	70-130	
1,2,4-Trichlorobenzene	10.0	9.33	93	70-130	
Hexachlorobutadiene	10.0	9.86	99	70-130	
Naphthalene	10.0	9.71	97	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Matrix: Air Level: Low Lab File ID: ggzu003.d

Lab ID: LCS 200-52165/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	10.0	12.4	124	70-130	
Freon 22	10.0	12.1	121	70-130	
1,2-Dichlorotetrafluoroethane	10.0	12.2	122	70-130	
Chloromethane	10.0	11.7	117	70-130	
n-Butane	10.0	11.3	113	70-130	
Vinyl chloride	10.0	11.2	112	70-130	
1,3-Butadiene	10.0	11.7	117	70-130	
Bromomethane	10.0	11.4	114	70-130	
Chloroethane	10.0	11.2	112	70-130	
Bromoethene(Vinyl Bromide)	10.0	11.7	117	70-130	
Trichlorofluoromethane	10.0	11.5	115	70-130	
Freon TF	10.0	12.3	123	70-130	
1,1-Dichloroethene	10.0	12.3	123	70-130	
Acetone	10.0	9.99	100	70-130	
Isopropyl alcohol	10.0	10.7	107	70-130	
Carbon disulfide	10.0	11.2	112	70-130	
3-Chloropropene	10.0	10.6	106	70-130	
Methylene Chloride	10.0	11.8	118	70-130	
tert-Butyl alcohol	10.0	10.4	104	70-130	
Methyl tert-butyl ether	10.0	10.6	106	70-130	
trans-1,2-Dichloroethene	10.0	11.2	113	70-130	
n-Hexane	10.0	11.1	111	70-130	
1,1-Dichloroethane	10.0	11.3	113	70-130	
Methyl Ethyl Ketone	10.0	9.93	99	70-130	
cis-1,2-Dichloroethene	10.0	11.1	111	70-130	
Chloroform	10.0	11.4	114	70-130	
Tetrahydrofuran	10.0	10.7	107	70-130	
1,1,1-Trichloroethane	10.0	11.7	117	70-130	
Cyclohexane	10.0	11.5	115	70-130	
Carbon tetrachloride	10.0	11.6	116	70-130	
2,2,4-Trimethylpentane	10.0	12.4	124	70-130	
Benzene	10.0	12.2	122	70-130	
1,2-Dichloroethane	10.0	12.7	127	70-130	
n-Heptane	10.0	12.4	124	70-130	
Trichloroethene	10.0	11.8	118	70-130	
Methyl methacrylate	10.0	10.4	104	70-130	
1,2-Dichloropropane	10.0	10.8	108	70-130	
1,4-Dioxane	10.0	11.2	112	70-130	
Bromodichloromethane	10.0	11.8	118	70-130	
cis-1,3-Dichloropropene	10.0	11.2	112	70-130	
methyl isobutyl ketone	10.0	11.0	110	70-130	
Toluene	10.0	10.2	102	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM III
AIR - GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Matrix: Air Level: Low Lab File ID: ggzu003.d

Lab ID: LCS 200-52165/3 Client ID:

COMPOUND	SPIKE ADDED (ppb v/v)	LCS CONCENTRATION (ppb v/v)	LCS % REC	QC LIMITS REC	#
trans-1,3-Dichloropropene	10.0	11.6	116	70-130	
1,1,2-Trichloroethane	10.0	9.77	98	70-130	
Tetrachloroethene	10.0	10.1	101	70-130	
Methyl Butyl Ketone (2-Hexanone)	10.0	10.1	101	70-130	
Dibromochloromethane	10.0	11.3	113	70-130	
1,2-Dibromoethane	10.0	10.6	106	70-130	
Chlorobenzene	10.0	10.3	103	70-130	
Ethylbenzene	10.0	10.4	104	70-130	
m,p-Xylene	20.0	21.1	105	70-130	
Xylene, o-	10.0	10.3	103	70-130	
Styrene	10.0	10.7	107	70-130	
Bromoform	10.0	11.4	114	70-130	
Cumene	10.0	10.7	107	70-130	
1,1,2,2-Tetrachloroethane	10.0	10.1	101	70-130	
n-Propylbenzene	10.0	10.8	108	70-130	
4-Ethyltoluene	10.0	11.7	117	70-130	
1,3,5-Trimethylbenzene	10.0	10.6	106	70-130	
2-Chlorotoluene	10.0	11.2	112	70-130	
tert-Butylbenzene	10.0	10.7	107	70-130	
1,2,4-Trimethylbenzene	10.0	10.7	107	70-130	
sec-Butylbenzene	10.0	11.1	111	70-130	
4-Isopropyltoluene	10.0	11.7	117	70-130	
1,3-Dichlorobenzene	10.0	11.3	113	70-130	
1,4-Dichlorobenzene	10.0	10.9	109	70-130	
Benzyl chloride	10.0	12.0	120	70-130	
n-Butylbenzene	10.0	11.7	117	70-130	
1,2-Dichlorobenzene	10.0	10.7	107	70-130	
1,2,4-Trichlorobenzene	10.0	9.93	99	70-130	
Hexachlorobutadiene	10.0	9.35	94	70-130	
Naphthalene	10.0	10.8	108	70-130	

Column to be used to flag recovery and RPD values

FORM III TO-15

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab File ID: ggzt004.d Lab Sample ID: MB 200-52099/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/19/2013 11:10

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-52099/3	ggzt003.d	02/19/2013 10:19
WOLTING-MAIN	200-14993-1	ggzt016.d	02/19/2013 21:45
WOLTING-BASEMENT	200-14993-2	ggzt017.d	02/19/2013 22:35
WOLTING-AMBIENT	200-14993-3	ggzt018.d	02/19/2013 23:26
KINGERY-MAIN	200-14993-4	ggzt019.d	02/20/2013 00:17
KINGERY-BASEMENT	200-14993-5	ggzt020.d	02/20/2013 01:08
KINGERY-AMBIENT	200-14993-6	ggzt021.d	02/20/2013 02:00

FORM IV
AIR - GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab File ID: ggzu004.d Lab Sample ID: MB 200-52165/4

Matrix: Air Heated Purge:(Y/N) N

Instrument ID: G.i Date Analyzed: 02/20/2013 12:42

GC Column: RTX-624 ID: 0.32(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-52165/3	ggzu003.d	02/20/2013 11:51
WOLTING-MAIN DL	200-14993-1 DL	ggzu025.d	02/21/2013 06:35
WOLTING-BASEMENT DL	200-14993-2 DL	ggzu026.d	02/21/2013 07:25

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab File ID: ggz001.d BFB Injection Date: 01/25/2013

Instrument ID: G.i BFB Injection Time: 08:52

Analysis Batch No.: 51182

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	10.5	
75	30.0 - 66.0% of mass 95	37.0	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.6)1
174	50.0 - 120.0% of mass 95	94.7	
175	4.0 - 9.0 % of mass 174	6.5	(6.9)1
176	93.0 - 101.0% of mass 174	91.7	(96.9)1
177	5.0 - 9.0% of mass 176	6.0	(6.6)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-51182/3	ggz003.d	01/25/2013	10:40
	IC 200-51182/4	ggz004.d	01/25/2013	11:31
	IC 200-51182/5	ggz005.d	01/25/2013	12:21
	IC 200-51182/6	ggz006.d	01/25/2013	13:11
	ICIS 200-51182/7	ggz007.d	01/25/2013	14:01
	IC 200-51182/8	ggz008.d	01/25/2013	14:51
	IC 200-51182/9	ggz009.d	01/25/2013	15:42
	IC 200-51182/10	ggz010.d	01/25/2013	16:32
	ICV 200-51182/12	ggz012.d	01/25/2013	18:13

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab File ID: ggzt001.d BFB Injection Date: 02/19/2013

Instrument ID: G.i BFB Injection Time: 08:36

Analysis Batch No.: 52099

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	11.3	
75	30.0 - 66.0% of mass 95	38.8	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.1	
173	Less than 2.0% of mass 174	0.4	(0.4)1
174	50.0 - 120.0% of mass 95	97.0	
175	4.0 - 9.0 % of mass 174	6.7	(6.9)1
176	93.0 - 101.0% of mass 174	92.6	(95.4)1
177	5.0 - 9.0% of mass 176	6.0	(6.5)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-52099/2	ggzt002.d	02/19/2013	09:28
	LCS 200-52099/3	ggzt003.d	02/19/2013	10:19
	MB 200-52099/4	ggzt004.d	02/19/2013	11:10
WOLTING-MAIN	200-14993-1	ggzt016.d	02/19/2013	21:45
WOLTING-BASEMENT	200-14993-2	ggzt017.d	02/19/2013	22:35
WOLTING-AMBIENT	200-14993-3	ggzt018.d	02/19/2013	23:26
KINGERY-MAIN	200-14993-4	ggzt019.d	02/20/2013	00:17
KINGERY-BASEMENT	200-14993-5	ggzt020.d	02/20/2013	01:08
KINGERY-AMBIENT	200-14993-6	ggzt021.d	02/20/2013	02:00

FORM V
AIR - GC/MS VOA INSTRUMENT PERFORMANCE CHECK

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab File ID: ggzu001.d BFB Injection Date: 02/20/2013

Instrument ID: G.i BFB Injection Time: 10:04

Analysis Batch No.: 52165

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	8.0 - 40.0% of mass 95	11.2	
75	30.0 - 66.0% of mass 95	38.5	
95	Base peak, 100% relative abundance	100.0	
96	5.0 - 9.0% of mass 95	7.0	
173	Less than 2.0% of mass 174	0.5	(0.5)1
174	50.0 - 120.0% of mass 95	96.8	
175	4.0 - 9.0 % of mass 174	6.7	(6.9)1
176	93.0 - 101.0% of mass 174	93.7	(96.8)1
177	5.0 - 9.0% of mass 176	6.0	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-52165/2	ggzu002.d	02/20/2013	11:00
	LCS 200-52165/3	ggzu003.d	02/20/2013	11:51
	MB 200-52165/4	ggzu004.d	02/20/2013	12:42
WOLTING-MAIN DL	200-14993-1 DL	ggzu025.d	02/21/2013	06:35
WOLTING-BASEMENT DL	200-14993-2 DL	ggzu026.d	02/21/2013	07:25

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Sample No.: ICIS 200-51182/7 Date Analyzed: 01/25/2013 14:01

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggz007.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		669123	10.24	3960652	12.27	4446167	18.41
UPPER LIMIT		936772	10.57	5544913	12.60	6224634	18.74
LOWER LIMIT		401474	9.91	2376391	11.94	2667700	18.08
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-51182/12		633664	10.24	3286600	12.27	3793804	18.41

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Sample No.: CCVIS 200-52099/2 Date Analyzed: 02/19/2013 09:28

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzt002.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		673466	10.23	3951902	12.26	4535949	18.39
UPPER LIMIT		942852	10.56	5532663	12.59	6350329	18.72
LOWER LIMIT		404080	9.90	2371141	11.93	2721569	18.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-52099/3		671242	10.23	4001224	12.26	4596903	18.39
MB 200-52099/4		545480	10.22	3914078	12.25	3718958	18.39
200-14993-1	WOLTING-MAIN	689650	10.22	4182443	12.25	4463527	18.39
200-14993-2	WOLTING-BASEMENT	694877	10.22	4255139	12.25	4570994	18.39
200-14993-3	WOLTING-AMBIENT	708007	10.22	4311887	12.25	4600877	18.39
200-14993-4	KINGERY-MAIN	709442	10.22	4186079	12.25	4319800	18.39
200-14993-5	KINGERY-BASEMENT	714742	10.22	4270029	12.25	4488796	18.39
200-14993-6	KINGERY-AMBIENT	727428	10.22	4306155	12.25	4432364	18.39

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM VIII
AIR - GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Sample No.: CCVIS 200-52165/2 Date Analyzed: 02/20/2013 11:00

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm)

Lab File ID (Standard): ggzu002.d Heated Purge: (Y/N) N

Calibration ID: 20149

		BCM		DFB		CBZ	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		752002	10.23	4588640	12.25	4988604	18.39
UPPER LIMIT		1052803	10.56	6424096	12.58	6984046	18.72
LOWER LIMIT		451201	9.90	2753184	11.92	2993162	18.06
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-52165/3		715874	10.22	3974722	12.25	4611362	18.39
MB 200-52165/4		583683	10.22	4112333	12.25	3690539	18.39
200-14993-1 DL	WOLTING-MAIN DL	766734	10.22	4865768	12.25	4970588	18.39
200-14993-2 DL	WOLTING-BASEMENT DL	737615	10.22	4603760	12.25	4651518	18.39

BCM = Bromochloromethane
DFB = 1,4-Difluorobenzene
CBZ = Chlorobenzene-d5

Area Limit = 60%-140% of internal standard area
RT Limit = ± 0.33 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII TO-15

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN | Lab Sample ID: 200-14993-1

Matrix: Air | Lab File ID: ggzt016.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:11

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 21:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.54		0.50	0.020
75-45-6	*Freon 22*	*86.47*	*220*	*E*	*0.50*	*0.023*
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.65		0.50	0.034
106-97-8	n-Butane	58.12	8.7		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.021
76-13-1	Freon TF	187.38	0.20	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	*Acetone*	*58.08*	*120*	*E*	*5.0*	*0.40*
67-63-0	*Isopropyl alcohol*	*60.10*	*98*	*E*	*5.0*	*0.076*
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.28		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	4.2		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
67-66-3	Chloroform	119.38	0.76		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.42		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.23		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.33		0.20	0.018
142-82-5	n-Heptane	100.21	2.9		0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN | Lab Sample ID: 200-14993-1

Matrix: Air | Lab File ID: ggzt016.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:11

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 21:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.034
108-88-3	Toluene	92.14	6.0		0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.44		0.20	0.015
179601-23-1	m,p-Xylene	106.17	1.1		0.50	0.022
95-47-6	Xylene, o-	106.17	0.26		0.20	0.016
100-42-5	Styrene	104.15	0.55		0.20	0.011
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
98-82-8	Cumene	120.19	0.20	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	0.20	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.35		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.018
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN Lab Sample ID: 200-14993-1

Matrix: Air Lab File ID: ggzt016.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:11

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 21:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN | Lab Sample ID: 200-14993-1

Matrix: Air | Lab File ID: ggzt016.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:11

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 21:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.099
75-45-6	*Freon 22*	*86.47*	*790*	*E*	*1.8*	*0.081*
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.3		1.0	0.070
106-97-8	n-Butane	58.12	21		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.12
76-13-1	Freon TF	187.38	1.5	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	*Acetone*	*58.08*	*280*	*E*	*12*	*0.95*
67-63-0	*Isopropyl alcohol*	*60.10*	*240*	*E*	*12*	*0.19*
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.98		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	12		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
67-66-3	Chloroform	119.38	3.7		0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	1.4		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.73		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	1.4		0.81	0.073
142-82-5	n-Heptane	100.21	12		0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN | Lab Sample ID: 200-14993-1

Matrix: Air | Lab File ID: ggzt016.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:11

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 21:45

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	18	U	18	0.25
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.14
108-88-3	Toluene	92.14	23		0.75	0.053
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	1.9		0.87	0.065
179601-23-1	m,p-Xylene	106.17	4.7		2.2	0.096
95-47-6	Xylene, o-	106.17	1.1		0.87	0.069
100-42-5	Styrene	104.15	2.3		0.85	0.047
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
98-82-8	Cumene	120.19	0.98	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	1.4	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	1.9		1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.11
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.16

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN Lab Sample ID: 200-14993-1

Matrix: Air Lab File ID: ggzt016.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:11

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 21:45

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.31
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN DL | Lab Sample ID: 200-14993-1 DL

Matrix: Air | Lab File ID: ggzu025.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:11

Sample wt/vol: 20(mL) | Date Analyzed: 02/21/2013 06:35

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	5.0	U	5.0	0.20
75-45-6	Freon 22	86.47	380	D	5.0	0.23
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.0	U	2.0	0.20
74-87-3	Chloromethane	50.49	5.0	U	5.0	0.34
106-97-8	n-Butane	58.12	11	D	5.0	0.22
75-01-4	Vinyl chloride	62.50	2.0	U	2.0	0.091
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.25
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.27
75-00-3	Chloroethane	64.52	5.0	U	5.0	0.33
593-60-2	Bromoethene(Vinyl Bromide)	106.96	2.0	U	2.0	0.19
75-69-4	Trichlorofluoromethane	137.37	2.0	U	2.0	0.21
76-13-1	Freon TF	187.38	2.0	U	2.0	0.20
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.86
67-64-1	Acetone	58.08	100	D	50	4.0
67-63-0	Isopropyl alcohol	60.10	87	D	50	0.76
75-15-0	Carbon disulfide	76.14	5.0	U	5.0	0.20
107-05-1	3-Chloropropene	76.53	5.0	U	5.0	0.47
75-09-2	Methylene Chloride	84.93	5.0	U	5.0	0.23
75-65-0	tert-Butyl alcohol	74.12	50	U	50	0.41
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.15
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.23
110-54-3	n-Hexane	86.17	2.0	U	2.0	0.20
75-34-3	1,1-Dichloroethane	98.96	2.0	U	2.0	0.23
78-93-3	Methyl Ethyl Ketone	72.11	5.0	U	5.0	0.25
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.84
67-66-3	Chloroform	119.38	2.0	U	2.0	0.24
109-99-9	Tetrahydrofuran	72.11	50	U	50	0.29
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U	2.0	0.20
110-82-7	Cyclohexane	84.16	2.0	U	2.0	0.19
56-23-5	Carbon tetrachloride	153.81	2.0	U	2.0	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	2.0	U	2.0	0.15
71-43-2	Benzene	78.11	2.0	U	2.0	0.18
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.18
142-82-5	n-Heptane	100.21	3.6	D	2.0	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN DL | Lab Sample ID: 200-14993-1 DL

Matrix: Air | Lab File ID: ggzu025.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:11

Sample wt/vol: 20(mL) | Date Analyzed: 02/21/2013 06:35

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.0	U	2.0	0.092
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	0.16
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.23
123-91-1	1,4-Dioxane	88.11	50	U	50	0.70
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.12
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.13
108-10-1	methyl isobutyl ketone	100.16	5.0	U	5.0	0.34
108-88-3	Toluene	92.14	5.3	D	2.0	0.14
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.15
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.16
127-18-4	Tetrachloroethene	165.83	2.0	U	2.0	0.15
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U	5.0	0.40
124-48-1	Dibromochloromethane	208.29	2.0	U	2.0	0.11
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.14
108-90-7	Chlorobenzene	112.30	2.0	U	2.0	0.13
100-41-4	Ethylbenzene	106.17	2.0	U	2.0	0.15
179601-23-1	m,p-Xylene	106.17	5.0	U	5.0	0.22
95-47-6	Xylene, o-	106.17	2.0	U	2.0	0.16
100-42-5	Styrene	104.15	2.0	U	2.0	0.11
75-25-2	Bromoform	252.75	2.0	U	2.0	0.072
98-82-8	Cumene	120.19	2.0	U	2.0	0.11
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.11
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.13
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.15
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.19
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.13
98-06-6	tert-Butylbenzene	134.22	2.0	U	2.0	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	2.0	U	2.0	0.21
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.15
99-87-6	4-Isopropyltoluene	134.22	2.0	U	2.0	0.20
541-73-1	1,3-Dichlorobenzene	147.00	2.0	U	2.0	0.19
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.18
100-44-7	Benzyl chloride	126.58	2.0	U	2.0	0.22
104-51-8	n-Butylbenzene	134.22	2.0	U	2.0	0.22

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN DL Lab Sample ID: 200-14993-1 DL

Matrix: Air Lab File ID: ggzu025.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:11

Sample wt/vol: 20(mL) Date Analyzed: 02/21/2013 06:35

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52165 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*2.0*	*U*	*2.0*	*0.26*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*5.0*	*U*	*5.0*	*0.30*
87-68-3	*Hexachlorobutadiene*	*260.76*	*2.0*	*U*	*2.0*	*0.29*
91-20-3	*Naphthalene*	*128.17*	*5.0*	*U*	*5.0*	*0.38*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN DL | Lab Sample ID: 200-14993-1 DL

Matrix: Air | Lab File ID: ggzu025.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:11

Sample wt/vol: 20(mL) | Date Analyzed: 02/21/2013 06:35

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	25	U	25	0.99
75-45-6	Freon 22	86.47	1400	D	18	0.81
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	14	U	14	1.4
74-87-3	Chloromethane	50.49	10	U	10	0.70
106-97-8	n-Butane	58.12	27	D	12	0.52
75-01-4	Vinyl chloride	62.50	5.1	U	5.1	0.23
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.55
74-83-9	Bromomethane	94.94	7.8	U	7.8	1.0
75-00-3	Chloroethane	64.52	13	U	13	0.87
593-60-2	Bromoethene(Vinyl Bromide)	106.96	8.7	U	8.7	0.83
75-69-4	Trichlorofluoromethane	137.37	11	U	11	1.2
76-13-1	Freon TF	187.38	15	U	15	1.5
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	3.4
67-64-1	Acetone	58.08	240	D	120	9.5
67-63-0	Isopropyl alcohol	60.10	210	D	120	1.9
75-15-0	Carbon disulfide	76.14	16	U	16	0.62
107-05-1	3-Chloropropene	76.53	16	U	16	1.5
75-09-2	Methylene Chloride	84.93	17	U	17	0.80
75-65-0	tert-Butyl alcohol	74.12	150	U	150	1.2
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	0.54
156-60-5	trans-1,2-Dichloroethene	96.94	7.9	U	7.9	0.91
110-54-3	n-Hexane	86.17	7.0	U	7.0	0.70
75-34-3	1,1-Dichloroethane	98.96	8.1	U	8.1	0.93
78-93-3	Methyl Ethyl Ketone	72.11	15	U	15	0.74
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U	7.9	3.3
67-66-3	Chloroform	119.38	9.8	U	9.8	1.2
109-99-9	Tetrahydrofuran	72.11	150	U	150	0.86
71-55-6	1,1,1-Trichloroethane	133.41	11	U	11	1.1
110-82-7	Cyclohexane	84.16	6.9	U	6.9	0.65
56-23-5	Carbon tetrachloride	153.81	13	U	13	0.82
540-84-1	2,2,4-Trimethylpentane	114.23	9.3	U	9.3	0.70
71-43-2	Benzene	78.11	6.4	U	6.4	0.58
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	0.73
142-82-5	n-Heptane	100.21	15	D	8.2	0.70

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN DL | Lab Sample ID: 200-14993-1 DL

Matrix: Air | Lab File ID: ggzu025.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:11

Sample wt/vol: 20(mL) | Date Analyzed: 02/21/2013 06:35

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	11	U	11	0.49
80-62-6	Methyl methacrylate	100.12	20	U	20	0.66
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	1.1
123-91-1	1,4-Dioxane	88.11	180	U	180	2.5
75-27-4	Bromodichloromethane	163.83	13	U	13	0.80
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	0.59
108-10-1	methyl isobutyl ketone	100.16	20	U	20	1.4
108-88-3	Toluene	92.14	20	D	7.5	0.53
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	0.68
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	0.87
127-18-4	Tetrachloroethene	165.83	14	U	14	1.0
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	1.6
124-48-1	Dibromochloromethane	208.29	17	U	17	0.94
106-93-4	1,2-Dibromoethane	187.87	15	U	15	1.1
108-90-7	Chlorobenzene	112.30	9.2	U	9.2	0.60
100-41-4	Ethylbenzene	106.17	8.7	U	8.7	0.65
179601-23-1	m,p-Xylene	106.17	22	U	22	0.96
95-47-6	Xylene, o-	106.17	8.7	U	8.7	0.69
100-42-5	Styrene	104.15	8.5	U	8.5	0.47
75-25-2	Bromoform	252.75	21	U	21	0.74
98-82-8	Cumene	120.19	9.8	U	9.8	0.54
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	0.76
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	0.64
622-96-8	4-Ethyltoluene	120.20	9.8	U	9.8	0.74
108-67-8	1,3,5-Trimethylbenzene	120.20	9.8	U	9.8	0.93
95-49-8	2-Chlorotoluene	126.59	10	U	10	0.67
98-06-6	tert-Butylbenzene	134.22	11	U	11	0.60
95-63-6	1,2,4-Trimethylbenzene	120.20	9.8	U	9.8	1.0
135-98-8	sec-Butylbenzene	134.22	11	U	11	0.82
99-87-6	4-Isopropyltoluene	134.22	11	U	11	1.1
541-73-1	1,3-Dichlorobenzene	147.00	12	U	12	1.1
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	1.1
100-44-7	Benzyl chloride	126.58	10	U	10	1.1
104-51-8	n-Butylbenzene	134.22	11	U	11	1.2

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-MAIN DL Lab Sample ID: 200-14993-1 DL

Matrix: Air Lab File ID: ggzu025.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:11

Sample wt/vol: 20(mL) Date Analyzed: 02/21/2013 06:35

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52165 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*12*	*U*	*12*	*1.6*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*37*	*U*	*37*	*2.2*
87-68-3	*Hexachlorobutadiene*	*260.76*	*21*	*U*	*21*	*3.1*
91-20-3	*Naphthalene*	*128.17*	*26*	*U*	*26*	*2.0*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT | Lab Sample ID: 200-14993-2

Matrix: Air | Lab File ID: ggzt017.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:14

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 22:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.54		0.50	0.020
75-45-6	*Freon 22*	*86.47*	*190*	*E*	*0.50*	*0.023*
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.69		0.50	0.034
106-97-8	n-Butane	58.12	10		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.021
76-13-1	Freon TF	187.38	0.20	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	*Acetone*	*58.08*	*130*	*E*	*5.0*	*0.40*
67-63-0	*Isopropyl alcohol*	*60.10*	*83*	*E*	*5.0*	*0.076*
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.32		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	5.1		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
67-66-3	Chloroform	119.38	0.63		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.63		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.22		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.40		0.20	0.018
142-82-5	n-Heptane	100.21	4.2		0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT | Lab Sample ID: 200-14993-2

Matrix: Air | Lab File ID: ggzt017.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:14

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 22:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.53		0.50	0.034
108-88-3	Toluene	92.14	6.0		0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.51		0.20	0.015
179601-23-1	m,p-Xylene	106.17	1.1		0.50	0.022
95-47-6	Xylene, o-	106.17	0.26		0.20	0.016
100-42-5	Styrene	104.15	0.20	U	0.20	0.011
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
98-82-8	Cumene	120.19	0.20	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	0.20	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.018
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT Lab Sample ID: 200-14993-2

Matrix: Air Lab File ID: ggzt017.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:14

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 22:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT | Lab Sample ID: 200-14993-2

Matrix: Air | Lab File ID: ggzt017.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:14

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 22:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.099
75-45-6	*Freon 22*	*86.47*	*680*	*E*	*1.8*	*0.081*
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.4		1.0	0.070
106-97-8	n-Butane	58.12	24		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	1.5	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	*Acetone*	*58.08*	*310*	*E*	*12*	*0.95*
67-63-0	*Isopropyl alcohol*	*60.10*	*200*	*E*	*12*	*0.19*
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	1.1		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	15		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
67-66-3	Chloroform	119.38	3.1		0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	2.2		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.71		0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	1.6		0.81	0.073
142-82-5	n-Heptane	100.21	17		0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT | Lab Sample ID: 200-14993-2

Matrix: Air | Lab File ID: ggzt017.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:14

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 22:35

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	18	U	18	0.25
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	2.2		2.0	0.14
108-88-3	Toluene	92.14	23		0.75	0.053
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	2.2		0.87	0.065
179601-23-1	m,p-Xylene	106.17	4.8		2.2	0.096
95-47-6	Xylene, o-	106.17	1.1		0.87	0.069
100-42-5	Styrene	104.15	0.85	U	0.85	0.047
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
98-82-8	Cumene	120.19	0.98	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	1.4	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.11
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.16

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT Lab Sample ID: 200-14993-2

Matrix: Air Lab File ID: ggzt017.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:14

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 22:35

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.31
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT DL | Lab Sample ID: 200-14993-2 DL

Matrix: Air | Lab File ID: ggzu026.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:14

Sample wt/vol: 20(mL) | Date Analyzed: 02/21/2013 07:25

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	5.0	U	5.0	0.20
75-45-6	Freon 22	86.47	310	D	5.0	0.23
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	2.0	U	2.0	0.20
74-87-3	Chloromethane	50.49	5.0	U	5.0	0.34
106-97-8	n-Butane	58.12	13	D	5.0	0.22
75-01-4	Vinyl chloride	62.50	2.0	U	2.0	0.091
106-99-0	1,3-Butadiene	54.09	2.0	U	2.0	0.25
74-83-9	Bromomethane	94.94	2.0	U	2.0	0.27
75-00-3	Chloroethane	64.52	5.0	U	5.0	0.33
593-60-2	Bromoethene(Vinyl Bromide)	106.96	2.0	U	2.0	0.19
75-69-4	Trichlorofluoromethane	137.37	2.0	U	2.0	0.21
76-13-1	Freon TF	187.38	2.0	U	2.0	0.20
75-35-4	1,1-Dichloroethene	96.94	2.0	U	2.0	0.86
67-64-1	Acetone	58.08	110	D	50	4.0
67-63-0	Isopropyl alcohol	60.10	73	D	50	0.76
75-15-0	Carbon disulfide	76.14	5.0	U	5.0	0.20
107-05-1	3-Chloropropene	76.53	5.0	U	5.0	0.47
75-09-2	Methylene Chloride	84.93	5.0	U	5.0	0.23
75-65-0	tert-Butyl alcohol	74.12	50	U	50	0.41
1634-04-4	Methyl tert-butyl ether	88.15	2.0	U	2.0	0.15
156-60-5	trans-1,2-Dichloroethene	96.94	2.0	U	2.0	0.23
110-54-3	n-Hexane	86.17	2.0	U	2.0	0.20
75-34-3	1,1-Dichloroethane	98.96	2.0	U	2.0	0.23
78-93-3	Methyl Ethyl Ketone	72.11	5.0	U	5.0	0.25
156-59-2	cis-1,2-Dichloroethene	96.94	2.0	U	2.0	0.84
67-66-3	Chloroform	119.38	2.0	U	2.0	0.24
109-99-9	Tetrahydrofuran	72.11	50	U	50	0.29
71-55-6	1,1,1-Trichloroethane	133.41	2.0	U	2.0	0.20
110-82-7	Cyclohexane	84.16	2.0	U	2.0	0.19
56-23-5	Carbon tetrachloride	153.81	2.0	U	2.0	0.13
540-84-1	2,2,4-Trimethylpentane	114.23	2.0	U	2.0	0.15
71-43-2	Benzene	78.11	2.0	U	2.0	0.18
107-06-2	1,2-Dichloroethane	98.96	2.0	U	2.0	0.18
142-82-5	n-Heptane	100.21	4.9	D	2.0	0.17

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT DL | Lab Sample ID: 200-14993-2 DL

Matrix: Air | Lab File ID: ggzu026.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:14

Sample wt/vol: 20(mL) | Date Analyzed: 02/21/2013 07:25

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	2.0	U	2.0	0.092
80-62-6	Methyl methacrylate	100.12	5.0	U	5.0	0.16
78-87-5	1,2-Dichloropropane	112.99	2.0	U	2.0	0.23
123-91-1	1,4-Dioxane	88.11	50	U	50	0.70
75-27-4	Bromodichloromethane	163.83	2.0	U	2.0	0.12
10061-01-5	cis-1,3-Dichloropropene	110.97	2.0	U	2.0	0.13
108-10-1	methyl isobutyl ketone	100.16	5.0	U	5.0	0.34
108-88-3	Toluene	92.14	4.5	D	2.0	0.14
10061-02-6	trans-1,3-Dichloropropene	110.97	2.0	U	2.0	0.15
79-00-5	1,1,2-Trichloroethane	133.41	2.0	U	2.0	0.16
127-18-4	Tetrachloroethene	165.83	2.0	U	2.0	0.15
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	5.0	U	5.0	0.40
124-48-1	Dibromochloromethane	208.29	2.0	U	2.0	0.11
106-93-4	1,2-Dibromoethane	187.87	2.0	U	2.0	0.14
108-90-7	Chlorobenzene	112.30	2.0	U	2.0	0.13
100-41-4	Ethylbenzene	106.17	2.0	U	2.0	0.15
179601-23-1	m,p-Xylene	106.17	5.0	U	5.0	0.22
95-47-6	Xylene, o-	106.17	2.0	U	2.0	0.16
100-42-5	Styrene	104.15	2.0	U	2.0	0.11
75-25-2	Bromoform	252.75	2.0	U	2.0	0.072
98-82-8	Cumene	120.19	2.0	U	2.0	0.11
79-34-5	1,1,2,2-Tetrachloroethane	167.85	2.0	U	2.0	0.11
103-65-1	n-Propylbenzene	120.19	2.0	U	2.0	0.13
622-96-8	4-Ethyltoluene	120.20	2.0	U	2.0	0.15
108-67-8	1,3,5-Trimethylbenzene	120.20	2.0	U	2.0	0.19
95-49-8	2-Chlorotoluene	126.59	2.0	U	2.0	0.13
98-06-6	tert-Butylbenzene	134.22	2.0	U	2.0	0.11
95-63-6	1,2,4-Trimethylbenzene	120.20	2.0	U	2.0	0.21
135-98-8	sec-Butylbenzene	134.22	2.0	U	2.0	0.15
99-87-6	4-Isopropyltoluene	134.22	2.0	U	2.0	0.20
541-73-1	1,3-Dichlorobenzene	147.00	2.0	U	2.0	0.19
106-46-7	1,4-Dichlorobenzene	147.00	2.0	U	2.0	0.18
100-44-7	Benzyl chloride	126.58	2.0	U	2.0	0.22
104-51-8	n-Butylbenzene	134.22	2.0	U	2.0	0.22

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT DL Lab Sample ID: 200-14993-2 DL

Matrix: Air Lab File ID: ggzu026.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:14

Sample wt/vol: 20(mL) Date Analyzed: 02/21/2013 07:25

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52165 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*2.0*	*U*	*2.0*	*0.26*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*5.0*	*U*	*5.0*	*0.30*
87-68-3	*Hexachlorobutadiene*	*260.76*	*2.0*	*U*	*2.0*	*0.29*
91-20-3	*Naphthalene*	*128.17*	*5.0*	*U*	*5.0*	*0.38*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT DL | Lab Sample ID: 200-14993-2 DL

Matrix: Air | Lab File ID: ggzu026.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:14

Sample wt/vol: 20(mL) | Date Analyzed: 02/21/2013 07:25

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	25	U	25	0.99
75-45-6	Freon 22	86.47	1100	D	18	0.81
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	14	U	14	1.4
74-87-3	Chloromethane	50.49	10	U	10	0.70
106-97-8	n-Butane	58.12	30	D	12	0.52
75-01-4	Vinyl chloride	62.50	5.1	U	5.1	0.23
106-99-0	1,3-Butadiene	54.09	4.4	U	4.4	0.55
74-83-9	Bromomethane	94.94	7.8	U	7.8	1.0
75-00-3	Chloroethane	64.52	13	U	13	0.87
593-60-2	Bromoethene(Vinyl Bromide)	106.96	8.7	U	8.7	0.83
75-69-4	Trichlorofluoromethane	137.37	11	U	11	1.2
76-13-1	Freon TF	187.38	15	U	15	1.5
75-35-4	1,1-Dichloroethene	96.94	7.9	U	7.9	3.4
67-64-1	Acetone	58.08	260	D	120	9.5
67-63-0	Isopropyl alcohol	60.10	180	D	120	1.9
75-15-0	Carbon disulfide	76.14	16	U	16	0.62
107-05-1	3-Chloropropene	76.53	16	U	16	1.5
75-09-2	Methylene Chloride	84.93	17	U	17	0.80
75-65-0	tert-Butyl alcohol	74.12	150	U	150	1.2
1634-04-4	Methyl tert-butyl ether	88.15	7.2	U	7.2	0.54
156-60-5	trans-1,2-Dichloroethene	96.94	7.9	U	7.9	0.91
110-54-3	n-Hexane	86.17	7.0	U	7.0	0.70
75-34-3	1,1-Dichloroethane	98.96	8.1	U	8.1	0.93
78-93-3	Methyl Ethyl Ketone	72.11	15	U	15	0.74
156-59-2	cis-1,2-Dichloroethene	96.94	7.9	U	7.9	3.3
67-66-3	Chloroform	119.38	9.8	U	9.8	1.2
109-99-9	Tetrahydrofuran	72.11	150	U	150	0.86
71-55-6	1,1,1-Trichloroethane	133.41	11	U	11	1.1
110-82-7	Cyclohexane	84.16	6.9	U	6.9	0.65
56-23-5	Carbon tetrachloride	153.81	13	U	13	0.82
540-84-1	2,2,4-Trimethylpentane	114.23	9.3	U	9.3	0.70
71-43-2	Benzene	78.11	6.4	U	6.4	0.58
107-06-2	1,2-Dichloroethane	98.96	8.1	U	8.1	0.73
142-82-5	n-Heptane	100.21	20	D	8.2	0.70

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT DL | Lab Sample ID: 200-14993-2 DL

Matrix: Air | Lab File ID: ggzu026.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:14

Sample wt/vol: 20(mL) | Date Analyzed: 02/21/2013 07:25

Soil Aliquot Vol: | Dilution Factor: 10

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
79-01-6	Trichloroethene	131.39	11	U	11	0.49
80-62-6	Methyl methacrylate	100.12	20	U	20	0.66
78-87-5	1,2-Dichloropropane	112.99	9.2	U	9.2	1.1
123-91-1	1,4-Dioxane	88.11	180	U	180	2.5
75-27-4	Bromodichloromethane	163.83	13	U	13	0.80
10061-01-5	cis-1,3-Dichloropropene	110.97	9.1	U	9.1	0.59
108-10-1	methyl isobutyl ketone	100.16	20	U	20	1.4
108-88-3	Toluene	92.14	17	D	7.5	0.53
10061-02-6	trans-1,3-Dichloropropene	110.97	9.1	U	9.1	0.68
79-00-5	1,1,2-Trichloroethane	133.41	11	U	11	0.87
127-18-4	Tetrachloroethene	165.83	14	U	14	1.0
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	20	U	20	1.6
124-48-1	Dibromochloromethane	208.29	17	U	17	0.94
106-93-4	1,2-Dibromoethane	187.87	15	U	15	1.1
108-90-7	Chlorobenzene	112.30	9.2	U	9.2	0.60
100-41-4	Ethylbenzene	106.17	8.7	U	8.7	0.65
179601-23-1	m,p-Xylene	106.17	22	U	22	0.96
95-47-6	Xylene, o-	106.17	8.7	U	8.7	0.69
100-42-5	Styrene	104.15	8.5	U	8.5	0.47
75-25-2	Bromoform	252.75	21	U	21	0.74
98-82-8	Cumene	120.19	9.8	U	9.8	0.54
79-34-5	1,1,2,2-Tetrachloroethane	167.85	14	U	14	0.76
103-65-1	n-Propylbenzene	120.19	9.8	U	9.8	0.64
622-96-8	4-Ethyltoluene	120.20	9.8	U	9.8	0.74
108-67-8	1,3,5-Trimethylbenzene	120.20	9.8	U	9.8	0.93
95-49-8	2-Chlorotoluene	126.59	10	U	10	0.67
98-06-6	tert-Butylbenzene	134.22	11	U	11	0.60
95-63-6	1,2,4-Trimethylbenzene	120.20	9.8	U	9.8	1.0
135-98-8	sec-Butylbenzene	134.22	11	U	11	0.82
99-87-6	4-Isopropyltoluene	134.22	11	U	11	1.1
541-73-1	1,3-Dichlorobenzene	147.00	12	U	12	1.1
106-46-7	1,4-Dichlorobenzene	147.00	12	U	12	1.1
100-44-7	Benzyl chloride	126.58	10	U	10	1.1
104-51-8	n-Butylbenzene	134.22	11	U	11	1.2

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-BASEMENT DL Lab Sample ID: 200-14993-2 DL

Matrix: Air Lab File ID: ggzu026.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:14

Sample wt/vol: 20(mL) Date Analyzed: 02/21/2013 07:25

Soil Aliquot Vol: Dilution Factor: 10

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52165 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
95-50-1	*1,2-Dichlorobenzene*	*147.00*	*12*	*U*	*12*	*1.6*
120-82-1	*1,2,4-Trichlorobenzene*	*181.45*	*37*	*U*	*37*	*2.2*
87-68-3	*Hexachlorobutadiene*	*260.76*	*21*	*U*	*21*	*3.1*
91-20-3	*Naphthalene*	*128.17*	*26*	*U*	*26*	*2.0*

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-AMBIENT | Lab Sample ID: 200-14993-3

Matrix: Air | Lab File ID: ggzt018.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:21

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.57		0.50	0.020
75-45-6	Freon 22	86.47	0.50	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.59		0.50	0.034
106-97-8	n-Butane	58.12	2.0		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.24		0.20	0.021
76-13-1	Freon TF	187.38	0.20	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	5.0	U	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.75		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
67-66-3	Chloroform	119.38	0.20	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.34		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	2.5		0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-AMBIENT | Lab Sample ID: 200-14993-3

Matrix: Air | Lab File ID: ggzt018.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:21

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.034
108-88-3	Toluene	92.14	0.86		0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.54		0.50	0.022
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
100-42-5	Styrene	104.15	0.20	U	0.20	0.011
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
98-82-8	Cumene	120.19	0.20	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	0.20	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.018
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-AMBIENT Lab Sample ID: 200-14993-3

Matrix: Air Lab File ID: ggzt018.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:21

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 23:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-AMBIENT | Lab Sample ID: 200-14993-3

Matrix: Air | Lab File ID: ggzt018.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:21

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.099
75-45-6	Freon 22	86.47	1.8	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.2		1.0	0.070
106-97-8	n-Butane	58.12	4.7		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	1.5	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	12	U	12	0.95
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.19
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	2.2		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	1.2		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	10		0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-AMBIENT | Lab Sample ID: 200-14993-3

Matrix: Air | Lab File ID: ggzt018.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:21

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 23:26

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	18	U	18	0.25
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.14
108-88-3	Toluene	92.14	3.3		0.75	0.053
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.4		2.2	0.096
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
100-42-5	Styrene	104.15	0.85	U	0.85	0.047
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
98-82-8	Cumene	120.19	0.98	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	1.4	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.11
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.16

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: WOLTING-AMBIENT Lab Sample ID: 200-14993-3

Matrix: Air Lab File ID: ggzt018.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:21

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 23:26

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.31
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-MAIN | Lab Sample ID: 200-14993-4

Matrix: Air | Lab File ID: ggzt019.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:33

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 00:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.57		0.50	0.020
75-45-6	Freon 22	86.47	0.50	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.60		0.50	0.034
106-97-8	n-Butane	58.12	2.2		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.25		0.20	0.021
76-13-1	Freon TF	187.38	0.20	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	13		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
67-66-3	Chloroform	119.38	0.20	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	0.99		0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-MAIN | Lab Sample ID: 200-14993-4

Matrix: Air | Lab File ID: ggzt019.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:33

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 00:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.034
108-88-3	Toluene	92.14	1.2		0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
100-42-5	Styrene	104.15	0.20	U	0.20	0.011
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
98-82-8	Cumene	120.19	0.20	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	0.20	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.018
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-MAIN Lab Sample ID: 200-14993-4

Matrix: Air Lab File ID: ggzt019.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:33

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 00:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-MAIN | Lab Sample ID: 200-14993-4

Matrix: Air | Lab File ID: ggzt019.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:33

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 00:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.099
75-45-6	Freon 22	86.47	1.8	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.2		1.0	0.070
106-97-8	n-Butane	58.12	5.2		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.4		1.1	0.12
76-13-1	Freon TF	187.38	1.5	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	32		12	0.95
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.19
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	4.1		0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-MAIN | Lab Sample ID: 200-14993-4

Matrix: Air | Lab File ID: ggzt019.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:33

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 00:17

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	18	U	18	0.25
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.14
108-88-3	Toluene	92.14	4.4		0.75	0.053
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
100-42-5	Styrene	104.15	0.85	U	0.85	0.047
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
98-82-8	Cumene	120.19	0.98	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	1.4	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.11
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.16

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-MAIN Lab Sample ID: 200-14993-4

Matrix: Air Lab File ID: ggzt019.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:33

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 00:17

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.31
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-BASEMENT | Lab Sample ID: 200-14993-5

Matrix: Air | Lab File ID: ggzt020.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:30

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.57		0.50	0.020
75-45-6	Freon 22	86.47	0.50	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.55		0.50	0.034
106-97-8	n-Butane	58.12	2.5		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.27		0.20	0.021
76-13-1	Freon TF	187.38	0.20	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	12		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.22		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.87		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
67-66-3	Chloroform	119.38	0.20	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.65		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	3.0		0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-BASEMENT | Lab Sample ID: 200-14993-5

Matrix: Air | Lab File ID: ggzt020.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:30

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.034
108-88-3	Toluene	92.14	2.3		0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.30		0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.90		0.50	0.022
95-47-6	Xylene, o-	106.17	0.23		0.20	0.016
100-42-5	Styrene	104.15	0.20	U	0.20	0.011
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
98-82-8	Cumene	120.19	0.20	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	0.20	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.018
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-BASEMENT Lab Sample ID: 200-14993-5

Matrix: Air Lab File ID: ggzt020.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:30

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 01:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-BASEMENT | Lab Sample ID: 200-14993-5

Matrix: Air | Lab File ID: ggzt020.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:30

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.8		2.5	0.099
75-45-6	Freon 22	86.47	1.8	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.1		1.0	0.070
106-97-8	n-Butane	58.12	6.0		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.5		1.1	0.12
76-13-1	Freon TF	187.38	1.5	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	28		12	0.95
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.19
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.77		0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	2.6		1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	2.2		0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	12		0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-BASEMENT | Lab Sample ID: 200-14993-5

Matrix: Air | Lab File ID: ggzt020.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:30

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 01:08

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	18	U	18	0.25
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.14
108-88-3	Toluene	92.14	8.8		0.75	0.053
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	1.3		0.87	0.065
179601-23-1	m,p-Xylene	106.17	3.9		2.2	0.096
95-47-6	Xylene, o-	106.17	1.0		0.87	0.069
100-42-5	Styrene	104.15	0.85	U	0.85	0.047
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
98-82-8	Cumene	120.19	0.98	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	1.4	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.11
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.16

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-BASEMENT Lab Sample ID: 200-14993-5

Matrix: Air Lab File ID: ggzt020.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:30

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 01:08

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.31
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-AMBIENT | Lab Sample ID: 200-14993-6

Matrix: Air | Lab File ID: ggzt021.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:39

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 02:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.56		0.50	0.020
75-45-6	Freon 22	86.47	0.50	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.58		0.50	0.034
106-97-8	n-Butane	58.12	2.9		0.50	0.022
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.23		0.20	0.021
76-13-1	Freon TF	187.38	0.20	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	5.0	U	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
67-66-3	Chloroform	119.38	0.20	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-AMBIENT | Lab Sample ID: 200-14993-6

Matrix: Air | Lab File ID: ggzt021.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:39

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 02:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.034
108-88-3	Toluene	92.14	0.20	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
100-42-5	Styrene	104.15	0.20	U	0.20	0.011
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
98-82-8	Cumene	120.19	0.20	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	0.20	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.018
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-AMBIENT Lab Sample ID: 200-14993-6

Matrix: Air Lab File ID: ggzt021.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:39

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 02:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-AMBIENT | Lab Sample ID: 200-14993-6

Matrix: Air | Lab File ID: ggzt021.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:39

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 02:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.7		2.5	0.099
75-45-6	Freon 22	86.47	1.8	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.2		1.0	0.070
106-97-8	n-Butane	58.12	7.0		1.2	0.052
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.3		1.1	0.12
76-13-1	Freon TF	187.38	1.5	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	12	U	12	0.95
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.19
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-AMBIENT | Lab Sample ID: 200-14993-6

Matrix: Air | Lab File ID: ggzt021.d

Analysis Method: TO-15 | Date Collected: 02/06/2013 13:39

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 02:00

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	18	U	18	0.25
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.14
108-88-3	Toluene	92.14	0.75	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
100-42-5	Styrene	104.15	0.85	U	0.85	0.047
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
98-82-8	Cumene	120.19	0.98	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	1.4	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.11
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.16

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: KINGERY-AMBIENT Lab Sample ID: 200-14993-6

Matrix: Air Lab File ID: ggzt021.d

Analysis Method: TO-15 Date Collected: 02/06/2013 13:39

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 02:00

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.31
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.20

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Propylene	+++++ 0.1911	+++++ 0.1969	0.2144 0.1960	0.1911	0.2057	Ave		0.1992				4.6		30.0			
Dichlorodifluoromethane	+++++ 1.4986	+++++ 1.4981	1.5041 1.4466	1.5657	1.6208	Ave		1.5223				4.0		30.0			
Freon 22	+++++ 0.6257	+++++ 0.6286	0.6517 0.6214	0.6373	0.6786	Ave		0.6406				3.4		30.0			
n-Butane	+++++ 0.4161	+++++ 0.4136	0.4355 0.4165	0.4139	0.4451	Ave		0.4234				3.2		30.0			
1,2-Dichlorotetrafluoroethane	+++++ 1.4943	1.5191 1.4790	1.4757 1.4215	1.5715	1.6309	Ave		1.5131				4.6		30.0			
Chloromethane	+++++ 0.3116	+++++ 0.3062	0.3378 0.3106	0.3132	0.3314	Ave		0.3185				4.0		30.0			
1,3-Butadiene	+++++ 0.2519	0.2615 0.2541	0.2512 0.2519	0.2473	0.2661	Ave		0.2549				2.6		30.0			
Vinyl chloride	0.5134 0.3992	0.4182 0.4043	0.3975 0.4076	0.4083	0.4317	Ave		0.4225				9.1		30.0			
Acrolein	+++++ 0.1081	+++++ 0.1073	+++++ 0.1149	0.1032	0.1031	Ave		0.1073				4.5		30.0			
Bromomethane	+++++ 0.5595	0.5772 0.5611	0.5974 0.5693	0.5771	0.6065	Ave		0.5783				3.1		30.0			
n-Pentane	+++++ 0.4913	+++++ 0.4983	0.4571 0.4850	0.4897	0.5258	Ave		0.4912				4.5		30.0			
Chloroethane	+++++ 0.1643	+++++ 0.1688	0.1736 0.1723	0.1703	0.1789	Ave		0.1714				2.9		30.0			
Isopentane	+++++ 0.3014	0.4357 0.3030	0.3154 0.3044	0.3024	0.3219	Ave		0.3263				15.0		30.0			
Bromoethene(Vinyl Bromide)	+++++ 0.6588	0.6612 0.6621	0.6589 0.6532	0.6736	0.7119	Ave		0.6685				3.0		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Trichlorofluoromethane	+++++ 1.7771	1.8522 1.7667	1.7631 1.7323	1.8342	1.9248	Ave		1.8072				3.7		30.0			
Ethanol	+++++ 0.1016	+++++ 0.0990	0.1075 0.1016	0.0983	0.1319	Ave		0.1066				12.0		30.0			
Ethyl ether	+++++ 0.2161	0.2226 0.2167	0.2033 0.2315	0.2104	0.2069	Ave		0.2154				4.5		30.0			
Freon TF	+++++ 1.1992	1.2596 1.1955	1.2075 1.1486	1.2467	1.3083	Ave		1.2236				4.3		30.0			
1,1-Dichloroethene	+++++ 0.4963	0.5695 0.4952	0.5242 0.4704	0.5168	0.5369	Ave		0.5156				6.3		30.0			
Acetone	+++++ 0.4510	+++++ 0.4377	+++++ 0.4785	0.5061	0.4331	Ave		0.4613				6.6		30.0			
tert-Butyl alcohol	+++++ 0.5913	+++++ 0.5883	+++++ 0.6095	0.5805	0.5788	Ave		0.5897				2.1		30.0			
Carbon disulfide	+++++ 1.4515	+++++ 1.4662	1.4671 1.4790	1.4648	1.5691	Ave		1.4829				2.9		30.0			
Isopropyl alcohol	+++++ 0.3207	+++++ 0.3123	+++++ 0.3238	0.3162	0.3093	Ave		0.3165				1.9		30.0			
3-Chloropropene	+++++ 0.3836	0.4756 0.3523	0.3077 0.3745	0.3515	0.4002	Ave		0.3779				13.8		30.0			
Ethyl acetate	+++++ 0.0342	+++++ 0.0325	+++++ 0.0364	0.0321	0.0305	Ave		0.0331				6.8		30.0			
Acetonitrile	+++++ 0.2046	+++++ 0.1865	+++++ 0.1792	0.1878	0.2022	Ave		0.1921				5.7		30.0			
Methylene Chloride	+++++ 0.4072	+++++ 0.4103	0.4594 0.4099	0.4152	0.4409	Ave		0.4238				5.0		30.0			
Methyl tert-butyl ether	+++++ 1.1350	1.2538 1.1091	1.1606 1.1737	1.1308	1.1099	Ave		1.1533				4.4		30.0			
trans-1,2-Dichloroethene	+++++ 0.6238	0.6798 0.6269	0.6486 0.6076	0.6552	0.6817	Ave		0.6462				4.4		30.0			
Acrylonitrile	+++++ 0.2108	+++++ 0.2104	0.2052 0.2255	0.1981	0.1955	Ave		0.2076				5.2		30.0			
n-Hexane	+++++ 0.5053	0.5091 0.5070	0.4799 0.5082	0.5055	0.5386	Ave		0.5077				3.4		30.0			
1,1-Dichloroethane	+++++ 0.8385	0.8270 0.8319	0.8343 0.8266	0.8597	0.8779	Ave		0.8423				2.3		30.0			
Vinyl acetate	+++++ 0.6459	+++++ 0.6310	+++++ 0.7289	0.6147	0.5832	Ave		0.6408				8.5		30.0			
cis-1,2-Dichloroethene	+++++ 0.7458	0.8559 0.7375	0.8068 0.6997	0.7797	0.7829	Ave		0.7726				6.6		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
Methyl Ethyl Ketone	+++++ 0.1956	+++++ 0.1873	0.2228 0.2075	0.1947	0.1794	Ave		0.1979				7.8		30.0			
Tetrahydrofuran	+++++ 0.0622	+++++ 0.0604	+++++ 0.0644	0.0566	0.0542	Ave		0.0596				6.9		30.0			
Chloroform	+++++ 1.6275	1.7573 1.6080	1.6373 1.5578	1.6881	1.6741	Ave		1.6500				3.9		30.0			
1,1,1-Trichloroethane	+++++ 0.3628	0.3386 0.3641	0.3296 0.3323	0.3509	0.3612	Ave		0.3485				4.3		30.0			
Cyclohexane	+++++ 0.1735	0.1773 0.1732	0.1499 0.1542	0.1650	0.1753	Ave		0.1669				6.5		30.0			
Benzene	+++++ 0.3956	0.4368 0.3960	0.4002 0.3712	0.4095	0.3699	Ave		0.3970				5.8		30.0			
2,2,4-Trimethylpentane	+++++ 0.4722	0.4700 0.4798	0.4434 0.4525	0.4703	0.4739	Ave		0.4660				2.8		30.0			
1,2-Dichloroethane	+++++ 0.1656	0.1785 0.1652	0.1656 0.1640	0.1729	0.1472	Ave		0.1656				5.8		30.0			
n-Heptane	+++++ 0.1470	0.1582 0.1480	0.1485 0.1432	0.1522	0.1410	Ave		0.1483				3.8		30.0			
Carbon tetrachloride	0.4789 0.4483	0.3851 0.4515	0.3711 0.4337	0.4191	0.4433	Ave		0.4289				8.4		30.0			
n-Butanol	+++++ 0.0430	+++++ 0.0436	+++++ 0.0460	0.0404	0.0383	Ave		0.0422				7.0		30.0			
1,2-Dichloropropane	+++++ 0.1653	0.1783 0.1648	0.1604 0.1658	0.1666	0.1504	Ave		0.1645				5.0		30.0			
Methyl methacrylate	+++++ 0.1314	+++++ 0.1275	0.1035 0.1415	0.1239	0.1108	Ave		0.1231				11.3		30.0			
1,4-Dioxane	+++++ 0.0706	+++++ 0.0651	+++++ 0.0616	0.0735	0.0625	Ave		0.0667				7.8		30.0			
Dibromomethane	+++++ 0.2710	0.3125 0.2606	0.3067 0.2295	0.3194	0.2461	Ave		0.2780				12.7		30.0			
Bromodichloromethane	+++++ 0.4115	0.4071 0.4029	0.3869 0.4090	0.4303	0.3639	Ave		0.4016				5.2		30.0			
Trichloroethene	0.3106 0.2542	0.2905 0.2461	0.2733 0.2295	0.2831	0.2293	Ave		0.2646				11.2		30.0			
cis-1,3-Dichloropropene	+++++ 0.2549	0.2614 0.2452	0.2402 0.2592	0.2644	0.2078	Ave		0.2476				7.9		30.0			
methyl isobutyl ketone	+++++ 0.2229	+++++ 0.2110	0.1749 0.2409	0.2123	0.1847	Ave		0.2078				11.7		30.0			
Toluene	+++++ 0.3791	0.4082 0.3452	0.3882 0.3616	0.4023	0.3215	Ave		0.3723				8.4		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
n-Octane	+++++ 0.2583	0.2976 0.2557	0.2516 0.2554	0.2553	0.2330	Ave		0.2581				7.5		30.0			
trans-1,3-Dichloropropene	+++++ 0.2334	0.2057 0.2211	0.1993 0.2480	0.2242	0.1822	Ave		0.2163				10.2		30.0			
1,1,2-Trichloroethane	+++++ 0.1725	0.1877 0.1568	0.1790 0.1668	0.1871	0.1433	Ave		0.1705				9.5		30.0			
Tetrachloroethene	+++++ 0.3915	0.4694 0.3516	0.4749 0.3357	0.4674	0.3362	Ave		0.4038				16.1		30.0			
Methyl Butyl Ketone (2-Hexanone)	+++++ 0.1746	+++++ 0.1619	0.1271 0.1856	0.1763	0.1396	Ave		0.1608				14.3		30.0			
Dibromochloromethane	+++++ 0.4466	0.3994 0.4038	0.3913 0.4303	0.4766	0.3597	Ave		0.4154				9.3		30.0			
1,2-Dibromoethane	+++++ 0.3368	0.3403 0.3012	0.3394 0.3236	0.3801	0.2573	Ave		0.3255				11.7		30.0			
Chlorobenzene	+++++ 0.5335	0.5817 0.4793	0.5554 0.5148	0.5849	0.4257	Ave		0.5251				11.0		30.0			
Ethylbenzene	+++++ 0.7442	0.6765 0.6795	0.6714 0.7392	0.7640	0.6160	Ave		0.6987				7.5		30.0			
n-Nonane	+++++ 0.2430	0.2367 0.2234	0.2252 0.2262	0.2543	0.2078	Ave		0.2310				6.5		30.0			
m,p-Xylene	+++++ 0.3159	0.2867 0.2860	0.2958 0.2878	0.3346	0.2669	Ave		0.2963				7.5		30.0			
Xylene, o-	+++++ 0.3461	0.2970 0.3192	0.3066 0.3326	0.3550	0.2951	Ave		0.3217				7.4		30.0			
Styrene	+++++ 0.4434	0.3011 0.3997	0.3103 0.4436	0.4374	0.3479	Ave		0.3834				16.4		30.0			
n-Undecane	+++++ 0.2275	+++++ 0.2141	+++++ 0.2276	0.2431	0.1716	Ave		0.2168				12.6		30.0			
Bromoform	+++++ 0.3711	0.2755 0.3305	0.2917 0.3411	0.3892	0.2954	Ave		0.3278				13.0		30.0			
Cumene	+++++ 0.9317	0.7897 0.8628	0.8038 0.9072	0.9388	0.7838	Ave		0.8597				7.9		30.0			
1,1,2,2-Tetrachloroethane	+++++ 0.4369	0.3712 0.3987	0.3850 0.4226	0.4547	0.3630	Ave		0.4046				8.5		30.0			
1,2,3-Trichloropropane	+++++ 0.2883	+++++ 0.2633	0.2574 0.2849	0.2974	0.2354	Ave		0.2711				8.6		30.0			
n-Dodecane	+++++ 0.1586	+++++ 0.1434	+++++ 0.0896	0.1618	0.1175	Ave		0.1342				22.7		30.0			
n-Propylbenzene	+++++ 0.9346	0.6536 0.8566	0.7315 0.9007	0.9318	0.7626	Ave		0.8245				13.3		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5		B	M1	M2								
2-Chlorotoluene	+++++ 0.6382	0.5696 0.5766	0.5800 0.5624	0.6827	0.5392	Ave		0.5927				8.4		30.0			
4-Ethyltoluene	+++++ 0.7945	0.5524 0.7197	0.6199 0.7110	0.8099	0.6592	Ave		0.6952				13.3		30.0			
n-Decane	+++++ 0.2737	+++++ 0.2519	0.2130 0.2574	0.2777	0.2212	Ave		0.2492				10.7		30.0			
1,3,5-Trimethylbenzene	+++++ 0.7449	0.5395 0.6860	0.6126 0.7258	0.7453	0.6169	Ave		0.6673				11.9		30.0			
Alpha Methyl Styrene	+++++ 0.3748	0.1700 0.3488	0.1944 0.3839	0.3352	0.2885	Ave		0.2993				28.7		30.0			
tert-Butylbenzene	+++++ 0.7684	0.6417 0.7014	0.6966 0.7207	0.7998	0.6449	Ave		0.7105				8.3		30.0			
1,2,4-Trimethylbenzene	+++++ 0.7110	0.4745 0.6529	0.5071 0.6930	0.7002	0.5782	Ave		0.6167				15.8		30.0			
sec-Butylbenzene	+++++ 1.0579	0.7799 0.9658	0.8760 0.9835	1.0895	0.8813	Ave		0.9477				11.5		30.0			
4-Isopropyltoluene	+++++ 0.8484	0.5822 0.7658	0.6605 0.7402	0.8808	0.7057	Ave		0.7405				14.0		30.0			
1,3-Dichlorobenzene	+++++ 0.4167	0.3181 0.3736	0.3335 0.3638	0.4284	0.3229	Ave		0.3653				12.1		30.0			
1,4-Dichlorobenzene	+++++ 0.4129	0.2941 0.3784	0.2810 0.4313	0.3871	0.2976	Ave		0.3546				17.5		30.0			
Benzyl chloride	+++++ 0.3601	0.1576 0.3373	0.1701 0.4422	0.2929	0.2477	Ave		0.2868				36.0	*	30.0			
n-Butylbenzene	+++++ 0.6205	0.3055 0.5734	0.3633 0.6316	0.5705	0.4741	Ave		0.5055				25.4		30.0			
1,2-Dichlorobenzene	+++++ 0.4632	0.3299 0.4216	0.3419 0.4466	0.4574	0.3599	Ave		0.4029				14.2		30.0			
1,2,4-Trichlorobenzene	+++++ 0.1592	+++++ 0.1492	0.0669 0.1630	0.1267	0.1016	Ave		0.1278				29.4		30.0			
Hexachlorobutadiene	+++++ 0.2368	0.2047 0.2085	0.2299 0.1744	0.2639	0.1979	Ave		0.2166				13.6		30.0			
Naphthalene	+++++ 0.4214	+++++ 0.3923	0.1947 0.3624	0.3424	0.2706	Ave		0.3306				25.4		30.0			
1,2,3-Trichlorobenzene	+++++ 0.1737	0.0894 0.1596	0.0909 0.1524	0.1496	0.1147	Ave		0.1329				25.8		30.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-51182/3	ggz003.d
Level 2	IC 200-51182/4	ggz004.d
Level 3	IC 200-51182/5	ggz005.d
Level 4	IC 200-51182/6	ggz006.d
Level 5	ICIS 200-51182/7	ggz007.d
Level 6	IC 200-51182/8	ggz008.d
Level 7	IC 200-51182/9	ggz009.d
Level 8	IC 200-51182/10	ggz010.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Propylene	BCM	Ave	+++++ 196807	+++++ 269048	6854 529496	61052	137640	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dichlorodifluoromethane	BCM	Ave	+++++ 1542986	+++++ 2047190	48077 3908031	500271	1084512	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Freon 22	BCM	Ave	+++++ 644222	+++++ 859059	20830 1678795	203640	454065	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Butane	BCM	Ave	+++++ 428412	+++++ 565188	13919 1125164	132247	297853	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorotetrafluoroethane	BCM	Ave	+++++ 1538564	19425 2021068	47168 3840369	502134	1091292	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chloromethane	BCM	Ave	+++++ 320825	+++++ 418488	10796 839214	100065	221722	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3-Butadiene	BCM	Ave	+++++ 259344	3344 347277	8030 680571	79016	178041	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl chloride	BCM	Ave	1262 411034	5348 552530	12706 1101241	130466	288865	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrolein	BCM	Ave	+++++ 111256	+++++ 146632	+++++ 310309	32988	68974	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromomethane	BCM	Ave	+++++ 576050	7381 766714	19095 1538110	184405	405815	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Pentane	BCM	Ave	+++++ 505824	+++++ 680966	14610 1310281	156477	351797	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Chloroethane	BCM	Ave	+++++ 169137	+++++ 230675	5550 465385	54405	119712	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopentane	BCM	Ave	+++++ 310380	5571 413991	10083 822242	96627	215374	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromoethene(Vinyl Bromide)	BCM	Ave	+++++ 678348	8455 904742	21061 1764580	215228	476381	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichlorofluoromethane	BCM	Ave	+++++ 1829754	23684 2414266	56357 4679795	586076	1287925	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Ethanol	BCM	Ave	+++++ 139496	+++++ 270501	34353 686492	62801	132405	+++++ 20.0	+++++ 40.0	5.00 100	10.0	15.0
Ethyl ether	BCM	Ave	+++++ 222510	2847 296078	6497 625450	67242	138417	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Freon TF	BCM	Ave	+++++ 1234726	16106 1633617	38595 3102939	398370	875421	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethene	BCM	Ave	+++++ 511004	7282 676726	16757 1270822	165139	359272	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acetone	BCM	Ave	+++++ 464365	+++++ 598138	+++++ 1292576	161712	289782	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
tert-Butyl alcohol	BCM	Ave	+++++ 608815	+++++ 803870	+++++ 1646605	185484	387278	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Carbon disulfide	BCM	Ave	+++++ 1494520	+++++ 2003581	46894 3995474	468037	1049934	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Isopropyl alcohol	BCM	Ave	+++++ 330207	+++++ 426821	+++++ 874784	101041	206984	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
3-Chloropropene	BCM	Ave	+++++ 394963	6082 481402	9835 1011813	112305	267780	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethyl acetate	BCM	Ave	+++++ 35178	+++++ 44432	+++++ 98285	10266	20385	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Acetonitrile	BCM	Ave	+++++ 210660	+++++ 254815	+++++ 484118	60007	135294	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Methylene Chloride	BCM	Ave	+++++ 419278	+++++ 560674	14684 1107284	132659	294999	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Methyl tert-butyl ether	BCM	Ave	+++++ 1168606	16032 1515565	37096 3170794	361327	742689	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,2-Dichloroethene	BCM	Ave	+++++ 642333	8692 856677	20732 1641544	209342	456145	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Acrylonitrile	BCM	Ave	+++++ 217013	+++++ 287572	6558 609126	63309	130838	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Hexane	BCM	Ave	+++++ 520292	6510 692886	15338 1373028	161530	360360	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1-Dichloroethane	BCM	Ave	+++++ 863402	10575 1136768	26668 2233120	274701	587440	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Vinyl acetate	BCM	Ave	+++++ 665081	+++++ 862313	+++++ 1969265	196429	390234	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
cis-1,2-Dichloroethene	BCM	Ave	+++++ 767952	10944 1007752	25788 1890266	249129	523876	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Ethyl Ketone	BCM	Ave	+++++ 201356	+++++ 255887	7123 560456	62215	120024	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Tetrahydrofuran	DFB	Ave	+++++ 352311	+++++ 450125	+++++ 971972	103976	214816	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Chloroform	BCM	Ave	+++++ 1675732	22470 2197351	52336 4208479	539383	1120182	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,1-Trichloroethane	DFB	Ave	+++++ 2055494	25269 2715168	62285 5013757	644584	1430713	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cyclohexane	DFB	Ave	+++++ 983156	13228 1291412	28326 2327109	303121	694287	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzene	DFB	Ave	+++++ 2241338	32598 2953062	75622 5600784	752209	1464931	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2,2,4-Trimethylpentane	DFB	Ave	+++++ 2675351	35076 3578163	83804 6827636	863820	1877108	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichloroethane	DFB	Ave	+++++ 938413	13321 1232325	31298 2475048	317566	583168	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Heptane	DFB	Ave	+++++ 832838	11803 1103885	28062 2161127	279630	558586	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Carbon tetrachloride	DFB	Ave	6373 2539885	28736 3367152	70127 6544433	769926	1755583	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butanol	DFB	Ave	+++++ 243410	+++++ 324843	+++++ 693695	74161	151580	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
1,2-Dichloropropane	DFB	Ave	+++++ 936301	13307 1229304	30315 2501336	306034	595831	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl methacrylate	DFB	Ave	+++++ 744365	+++++ 950683	19553 2135349	227661	438994	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,4-Dioxane	DFB	Ave	+++++ 399880	+++++ 485289	+++++ 929324	135069	247519	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Dibromomethane	DFB	Ave	+++++ 1535564	23319 1943659	57952 3463590	586646	974791	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Bromodichloromethane	DFB	Ave	+++++ 2331117	30377 3004520	73121 6171036	790387	1441130	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Trichloroethene	DFB	Ave	4134 1440153	21678 1835254	51655 3463614	519998	908076	0.0400 15.0	0.200 20.0	0.500 40.0	5.00	10.0
cis-1,3-Dichloropropene	DFB	Ave	+++++ 1443958	19507 1828927	45397 3911513	485666	822934	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
methyl isobutyl ketone	DFB	Ave	+++++ 1262643	+++++ 1573531	33045 3635272	390059	731579	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Toluene	CBZ	Ave	+++++ 2355442	33049 2984754	75206 6292863	757088	1429451	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Octane	DFB	Ave	+++++ 1463468	22207 1906606	47544 3853805	468927	922879	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
trans-1,3-Dichloropropene	DFB	Ave	+++++ 1322397	15354 1648969	37673 3742163	411798	721771	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2-Trichloroethane	CBZ	Ave	+++++ 1072039	15202 1356214	34684 2902740	352136	637200	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Tetrachloroethene	CBZ	Ave	+++++ 2432751	38011 3040346	91996 5841713	879550	1494972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Methyl Butyl Ketone (2-Hexanone)	CBZ	Ave	+++++ 1084681	+++++ 1399647	24630 3230219	331711	620645	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Dibromochloromethane	CBZ	Ave	+++++ 2774780	32339 3492039	75808 7488107	896743	1599431	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dibromoethane	CBZ	Ave	+++++ 2092763	27552 2604025	65754 5631851	715196	1144181	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Chlorobenzene	CBZ	Ave	+++++ 3315242	47103 4144116	107607 8957816	1100661	1892738	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Ethylbenzene	CBZ	Ave	+++++ 4623948	54775 5875818	130083 12862696	1437669	2738648	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Nonane	CBZ	Ave	+++++ 1509682	19165 1931964	43638 3936620	478459	924058	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
m,p-Xylene	CBZ	Ave	+++++ 3926002	46426 4945955	114600 10017533	1259292	2373700	+++++ 30.0	0.400 40.0	1.00 80.0	10.0	20.0
Xylene, o-	CBZ	Ave	+++++ 2150358	24051 2759994	59402 5788429	667951	1311990	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Styrene	CBZ	Ave	+++++ 2755451	24380 3456246	60108 7719142	823083	1546954	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Undecane	CBZ	Ave	+++++ 1413433	+++++ 1851230	+++++ 3961048	457396	762834	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
Bromoform	CBZ	Ave	+++++ 2305657	22304 2857688	56521 5935367	732331	1313279	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Cumene	CBZ	Ave	+++++ 5789185	63944 7460877	155726 15785641	1766426	3485054	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,1,2,2-Tetrachloroethane	CBZ	Ave	+++++ 2715011	30054 3447224	74583 7353016	855660	1613942	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichloropropane	CBZ	Ave	+++++ 1791136	+++++ 2276307	49877 4957525	559676	1046754	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
n-Dodecane	CBZ	Ave	+++++ 985198	+++++ 1239890	+++++ 1558555	304412	522413	+++++ 15.0	+++++ 20.0	+++++ 40.0	5.00	10.0
n-Propylbenzene	CBZ	Ave	+++++ 5807268	52919 7406882	141713 15673037	1753250	3390600	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
2-Chlorotoluene	CBZ	Ave	+++++ 3965516	46117 4986215	112362 9786044	1284655	2397241	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Ethyltoluene	CBZ	Ave	+++++ 4936991	44727 6223602	120099 12371889	1523994	2930972	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Decane	CBZ	Ave	+++++ 1700844	+++++ 2177991	41270 4478884	522624	983413	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,3,5-Trimethylbenzene	CBZ	Ave	+++++ 4628702	43685 5931961	118681 12630299	1402382	2742828	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

FORM VI
AIR - GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-14993-1 Analy Batch No.: 51182

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i GC Column: RTX-624 ID: 0.32(mm) Heated Purge: (Y/N) N

Calibration Start Date: 01/25/2013 10:40 Calibration End Date: 01/25/2013 16:32 Calibration ID: 20149

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (PPB V/V)				
			LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2 LVL 7	LVL 3 LVL 8	LVL 4	LVL 5
Alpha Methyl Styrene	CBZ	Ave	+++++ 2328816	13763 3015618	37658 6680307	630713	1282549	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
tert-Butylbenzene	CBZ	Ave	+++++ 4774447	51961 6065239	134955 12540499	1504992	2867233	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trimethylbenzene	CBZ	Ave	+++++ 4418007	38423 5645468	98238 12059152	1317522	2570728	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
sec-Butylbenzene	CBZ	Ave	+++++ 6573749	63151 8350807	169713 17113405	2050070	3918598	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
4-Isopropyltoluene	CBZ	Ave	+++++ 5271509	47144 6621975	127954 12880055	1657392	3137813	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,3-Dichlorobenzene	CBZ	Ave	+++++ 2589103	25757 3230902	64604 6329835	806031	1435688	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,4-Dichlorobenzene	CBZ	Ave	+++++ 2565417	23813 3271595	54445 7505126	728443	1323255	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Benzyl chloride	CBZ	Ave	+++++ 2237607	12762 2916346	32962 7694484	551116	1101455	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
n-Butylbenzene	CBZ	Ave	+++++ 3855324	24734 4957878	70387 10990084	1073475	2108105	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2-Dichlorobenzene	CBZ	Ave	+++++ 2877914	26709 3645746	66229 7771994	860654	1600357	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
1,2,4-Trichlorobenzene	CBZ	Ave	+++++ 989134	+++++ 1289855	12964 2836368	238453	451567	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
Hexachlorobutadiene	CBZ	Ave	+++++ 1471378	16577 1803126	44541 3033997	496657	879766	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0
Naphthalene	CBZ	Ave	+++++ 2618422	+++++ 3392052	37712 6305790	644362	1202949	+++++ 15.0	+++++ 20.0	0.500 40.0	5.00	10.0
1,2,3-Trichlorobenzene	CBZ	Ave	+++++ 1079501	7236 1379920	17602 2652144	281414	509923	+++++ 15.0	0.200 20.0	0.500 40.0	5.00	10.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2137		10.7	10.0	7.3	30.0
Dichlorodifluoromethane	Ave	1.522	1.736		11.4	10.0	14.0	30.0
Freon 22	Ave	0.6406	0.7131		11.1	10.0	11.3	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.717		11.3	10.0	13.5	30.0
Chloromethane	Ave	0.3185	0.3441		10.8	10.0	8.1	30.0
n-Butane	Ave	0.4234	0.4566		10.8	10.0	7.8	30.0
Vinyl chloride	Ave	0.4225	0.4518		10.7	10.0	6.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6227		10.8	10.0	7.7	30.0
Chloroethane	Ave	0.1714	0.1851		10.8	10.0	8.0	30.0
Isopentane	Ave	0.3263	0.3379		10.4	10.0	3.6	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7536		11.3	10.0	12.7	30.0
Trichlorofluoromethane	Ave	1.807	2.028		11.2	10.0	12.2	30.0
n-Pentane	Ave	0.4912	0.5373		10.9	10.0	9.4	30.0
Ethanol	Ave	0.1066	0.1230		17.3	15.0	15.3	30.0
Ethyl ether	Ave	0.2154	0.2050		9.52	10.0	-4.8	30.0
Acrolein	Ave	0.1073	0.0858		7.99	10.0	-20.1	30.0
Freon TF	Ave	1.224	1.484		12.1	10.0	21.3	30.0
1,1-Dichloroethene	Ave	0.5156	0.6242		12.1	10.0	21.1	30.0
Acetone	Ave	0.4613	0.5092		11.0	10.0	10.4	30.0
Carbon disulfide	Ave	1.483	1.667		11.2	10.0	12.4	30.0
Isopropyl alcohol	Ave	0.3165	0.2805		8.86	10.0	-11.4	30.0
3-Chloropropene	Ave	0.3779	0.4104		10.9	10.0	8.6	30.0
Acetonitrile	Ave	0.1921	0.2051		10.7	10.0	6.8	30.0
Methylene Chloride	Ave	0.4238	0.4981		11.8	10.0	17.5	30.0
tert-Butyl alcohol	Ave	0.5897	0.5788		9.81	10.0	-1.8	30.0
Methyl tert-butyl ether	Ave	1.153	1.158		10.0	10.0	0.4	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7247		11.2	10.0	12.1	30.0
Acrylonitrile	Ave	0.2076	0.2020		9.73	10.0	-2.7	30.0
n-Hexane	Ave	0.5077	0.5755		11.3	10.0	13.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9361		11.1	10.0	11.1	30.0
Vinyl acetate	Ave	0.6408	0.6052		9.44	10.0	-5.6	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.8268		10.7	10.0	7.0	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1911		9.65	10.0	-3.4	30.0
Ethyl acetate	Ave	0.0331	0.0320		9.67	10.0	-3.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0594		9.97	10.0	-0.3	30.0
Chloroform	Ave	1.650	1.739		10.5	10.0	5.4	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.4190		12.0	10.0	20.2	30.0
Cyclohexane	Ave	0.1669	0.2000		12.0	10.0	19.8	30.0
Carbon tetrachloride	Ave	0.4289	0.5110		11.9	10.0	19.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Benzene	Ave	0.3970	0.4511		11.4	10.0	13.6	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.5626		12.1	10.0	20.7	30.0
1,2-Dichloroethane	Ave	0.1656	0.1912		11.5	10.0	15.5	30.0
n-Heptane	Ave	0.1483	0.1756		11.8	10.0	18.4	30.0
n-Butanol	Ave	0.0422	0.0348		8.24	10.0	-17.6	30.0
Trichloroethene	Ave	0.2646	0.3097		11.7	10.0	17.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1790		10.9	10.0	8.8	30.0
Methyl methacrylate	Ave	0.1231	0.1339		10.9	10.0	8.7	30.0
1,4-Dioxane	Ave	0.0667	0.0584		8.75	10.0	-12.5	30.0
Dibromomethane	Ave	0.2780	0.3318		11.9	10.0	19.4	30.0
Bromodichloromethane	Ave	0.4016	0.4695		11.7	10.0	16.9	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2741		11.1	10.0	10.7	30.0
methyl isobutyl ketone	Ave	0.2078	0.2418		11.6	10.0	16.4	30.0
Toluene	Ave	0.3723	0.3807		10.2	10.0	2.3	30.0
n-Octane	Ave	0.2581	0.2789		10.8	10.0	8.0	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2452		11.3	10.0	13.4	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1699		9.96	10.0	-0.3	30.0
Tetrachloroethene	Ave	0.4038	0.4198		10.4	10.0	4.0	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1787		11.1	10.0	11.1	30.0
Dibromochloromethane	Ave	0.4154	0.4731		11.4	10.0	13.9	30.0
1,2-Dibromoethane	Ave	0.3255	0.3445		10.6	10.0	5.8	30.0
Chlorobenzene	Ave	0.5251	0.5377		10.2	10.0	2.4	30.0
Ethylbenzene	Ave	0.6987	0.7354		10.5	10.0	5.3	30.0
n-Nonane	Ave	0.2310	0.2432		10.5	10.0	5.3	30.0
m,p-Xylene	Ave	0.2963	0.3150		21.3	20.0	6.3	30.0
Xylene, o-	Ave	0.3217	0.3338		10.4	10.0	3.8	30.0
Styrene	Ave	0.3834	0.4263		11.1	10.0	11.2	30.0
Bromoform	Ave	0.3278	0.3817		11.6	10.0	16.4	30.0
Cumene	Ave	0.8597	0.9079		10.6	10.0	5.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4249		10.5	10.0	5.0	30.0
1,2,3-Trichloropropane	Ave	0.2711	0.2914		10.7	10.0	7.5	30.0
n-Propylbenzene	Ave	0.8245	0.9165		11.1	10.0	11.2	30.0
2-Chlorotoluene	Ave	0.5927	0.6644		11.2	10.0	12.1	30.0
4-Ethyltoluene	Ave	0.6952	0.8007		11.5	10.0	15.2	30.0
n-Decane	Ave	0.2492	0.2525		10.1	10.0	1.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7030		10.5	10.0	5.3	30.0
Alpha Methyl Styrene	Ave	0.2993	0.3435		11.5	10.0	14.8	30.0
tert-Butylbenzene	Ave	0.7105	0.7640		10.8	10.0	7.5	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6634		10.8	10.0	7.6	30.0
sec-Butylbenzene	Ave	0.9477	1.040		11.0	10.0	9.8	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab Sample ID: ICV 200-51182/12 Calibration Date: 01/25/2013 18:13

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggz012.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
4-Isopropyltoluene	Ave	0.7405	0.8468		11.4	10.0	14.3	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4158		11.4	10.0	13.8	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3936		11.1	10.0	11.0	30.0
Benzyl chloride	Ave	0.2868	0.3062		10.7	10.0	6.8	30.0
n-Butylbenzene	Ave	0.5055	0.5799		11.5	10.0	14.7	30.0
n-Undecane	Ave	0.2168	0.2111		9.73	10.0	-2.6	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4361		10.8	10.0	8.2	30.0
n-Dodecane	Ave	0.1342	0.1172		8.73	10.0	-12.6	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1420		11.1	10.0	11.1	30.0
Hexachlorobutadiene	Ave	0.2166	0.2242		10.3	10.0	3.5	30.0
Naphthalene	Ave	0.3306	0.3788		11.5	10.0	14.6	30.0
1,2,3-Trichlorobenzene	Ave	0.1329	0.1651		12.4	10.0	24.3	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab Sample ID: CCVIS 200-52099/2 Calibration Date: 02/19/2013 09:28

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzt002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2440		12.2	10.0	22.5	30.0
Dichlorodifluoromethane	Ave	1.522	1.822		12.0	10.0	19.7	30.0
Freon 22	Ave	0.6406	0.7759		12.1	10.0	21.1	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.815		12.0	10.0	19.9	30.0
Chloromethane	Ave	0.3185	0.3686		11.6	10.0	15.8	30.0
n-Butane	Ave	0.4234	0.4898		11.6	10.0	15.7	30.0
Vinyl chloride	Ave	0.4225	0.4811		11.4	10.0	13.9	30.0
1,3-Butadiene	Ave	0.2549	0.2889		11.3	10.0	13.4	30.0
Bromomethane	Ave	0.5783	0.6697		11.6	10.0	15.8	30.0
Chloroethane	Ave	0.1714	0.1978		11.5	10.0	15.4	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7668		11.5	10.0	14.7	30.0
Trichlorofluoromethane	Ave	1.807	2.091		11.6	10.0	15.7	30.0
Ethanol	Ave	0.1066	0.0664		9.33	15.0	-37.8*	30.0
Freon TF	Ave	1.224	1.386		11.3	10.0	13.2	30.0
1,1-Dichloroethene	Ave	0.5156	0.5650		11.0	10.0	9.6	30.0
Acetone	Ave	0.4613	0.5020		10.9	10.0	8.8	30.0
Carbon disulfide	Ave	1.483	1.619		10.9	10.0	9.2	30.0
Isopropyl alcohol	Ave	0.3165	0.3013		9.52	10.0	-4.8	30.0
3-Chloropropene	Ave	0.3779	0.3965		10.5	10.0	4.9	30.0
Methylene Chloride	Ave	0.4238	0.4596		10.8	10.0	8.4	30.0
tert-Butyl alcohol	Ave	0.5897	0.5925		10.0	10.0	0.5	30.0
Methyl tert-butyl ether	Ave	1.153	1.359		11.8	10.0	17.9	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.7015		10.9	10.0	8.6	30.0
n-Hexane	Ave	0.5077	0.5451		10.7	10.0	7.4	30.0
1,1-Dichloroethane	Ave	0.8423	0.9063		10.8	10.0	7.6	30.0
Vinyl acetate	Ave	0.6408	0.7637		11.9	10.0	19.2	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.7854		10.2	10.0	1.7	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.2085		10.5	10.0	5.4	30.0
Ethyl acetate	Ave	0.0331	0.0364		11.0	10.0	10.0	30.0
Tetrahydrofuran	Ave	0.0596	0.0659		11.1	10.0	10.7	30.0
Chloroform	Ave	1.650	1.741		10.5	10.0	5.5	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3723		10.7	10.0	6.8	30.0
Cyclohexane	Ave	0.1669	0.1688		10.1	10.0	1.1	30.0
Carbon tetrachloride	Ave	0.4289	0.4615		10.8	10.0	7.6	30.0
Benzene	Ave	0.3970	0.4059		10.2	10.0	2.2	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.4945		10.6	10.0	6.1	30.0
1,2-Dichloroethane	Ave	0.1656	0.1816		11.0	10.0	9.6	30.0
n-Heptane	Ave	0.1483	0.1540		10.4	10.0	3.8	30.0
Trichloroethene	Ave	0.2646	0.2728		10.3	10.0	3.1	30.0
1,2-Dichloropropane	Ave	0.1645	0.1751		10.6	10.0	6.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab Sample ID: CCVIS 200-52099/2 Calibration Date: 02/19/2013 09:28

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzt002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl methacrylate	Ave	0.1231	0.1427		11.6	10.0	15.9	30.0
1,4-Dioxane	Ave	0.0667	0.0432		6.47	10.0	-35.3*	30.0
Bromodichloromethane	Ave	0.4016	0.4283		10.7	10.0	6.6	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2735		11.0	10.0	10.5	30.0
methyl isobutyl ketone	Ave	0.2078	0.2469		11.9	10.0	18.8	30.0
Toluene	Ave	0.3723	0.3934		10.6	10.0	5.7	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2606		12.0	10.0	20.5	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1770		10.4	10.0	3.8	30.0
Tetrachloroethene	Ave	0.4038	0.3903		9.66	10.0	-3.4	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1718		10.7	10.0	6.8	30.0
Dibromochloromethane	Ave	0.4154	0.4613		11.1	10.0	11.1	30.0
1,2-Dibromoethane	Ave	0.3255	0.3516		10.8	10.0	8.0	30.0
Chlorobenzene	Ave	0.5251	0.5708		10.9	10.0	8.7	30.0
Ethylbenzene	Ave	0.6987	0.7960		11.4	10.0	13.9	30.0
m,p-Xylene	Ave	0.2963	0.3422		23.1	20.0	15.5	30.0
Xylene, o-	Ave	0.3217	0.3702		11.5	10.0	15.1	30.0
Styrene	Ave	0.3834	0.4539		11.8	10.0	18.4	30.0
Bromoform	Ave	0.3278	0.4010		12.2	10.0	22.3	30.0
Cumene	Ave	0.8597	1.007		11.7	10.0	17.1	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4477		11.1	10.0	10.7	30.0
n-Propylbenzene	Ave	0.8245	0.9546		11.6	10.0	15.8	30.0
2-Chlorotoluene	Ave	0.5927	0.6949		11.7	10.0	17.2	30.0
4-Ethyltoluene	Ave	0.6952	0.8740		12.6	10.0	25.7	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.7987		12.0	10.0	19.7	30.0
tert-Butylbenzene	Ave	0.7105	0.8455		11.9	10.0	19.0	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.7576		12.3	10.0	22.8	30.0
sec-Butylbenzene	Ave	0.9477	1.160		12.2	10.0	22.4	30.0
4-Isopropyltoluene	Ave	0.7405	0.9461		12.8	10.0	27.8	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.4602		12.6	10.0	26.0	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.4340		12.2	10.0	22.4	30.0
Benzyl chloride	Ave	0.2868	0.3976		13.9	10.0	38.6*	30.0
n-Butylbenzene	Ave	0.5055	0.6467		12.8	10.0	27.9	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4957		12.3	10.0	23.0	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.1177		9.21	10.0	-7.8	30.0
Hexachlorobutadiene	Ave	0.2166	0.2200		10.2	10.0	1.6	30.0
Naphthalene	Ave	0.3306	0.2831		8.56	10.0	-14.4	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab Sample ID: CCVIS 200-52165/2 Calibration Date: 02/20/2013 11:00

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzu002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Propylene	Ave	0.1992	0.2284		11.5	10.0	14.7	30.0
Dichlorodifluoromethane	Ave	1.522	1.728		11.4	10.0	13.5	30.0
Freon 22	Ave	0.6406	0.7283		11.4	10.0	13.7	30.0
1,2-Dichlorotetrafluoroethane	Ave	1.513	1.714		11.3	10.0	13.3	30.0
Chloromethane	Ave	0.3185	0.3517		11.0	10.0	10.4	30.0
n-Butane	Ave	0.4234	0.4609		10.9	10.0	8.8	30.0
Vinyl chloride	Ave	0.4225	0.4514		10.7	10.0	6.8	30.0
1,3-Butadiene	Ave	0.2549	0.2738		10.7	10.0	7.4	30.0
Bromomethane	Ave	0.5783	0.6315		10.9	10.0	9.2	30.0
Chloroethane	Ave	0.1714	0.1835		10.7	10.0	7.1	30.0
Bromoethene(Vinyl Bromide)	Ave	0.6685	0.7305		10.9	10.0	9.3	30.0
Trichlorofluoromethane	Ave	1.807	1.953		10.8	10.0	8.1	30.0
Ethanol	Ave	0.1066	0.0913		12.8	15.0	-14.4	30.0
Freon TF	Ave	1.224	1.305		10.7	10.0	6.6	30.0
1,1-Dichloroethene	Ave	0.5156	0.5415		10.5	10.0	5.0	30.0
Acetone	Ave	0.4613	0.4533		9.83	10.0	-1.7	30.0
Carbon disulfide	Ave	1.483	1.533		10.3	10.0	3.4	30.0
Isopropyl alcohol	Ave	0.3165	0.3245		10.3	10.0	2.5	30.0
3-Chloropropene	Ave	0.3779	0.3757		9.94	10.0	-0.6	30.0
Methylene Chloride	Ave	0.4238	0.4292		10.1	10.0	1.3	30.0
tert-Butyl alcohol	Ave	0.5897	0.5592		9.48	10.0	-5.2	30.0
Methyl tert-butyl ether	Ave	1.153	1.232		10.7	10.0	6.8	30.0
trans-1,2-Dichloroethene	Ave	0.6462	0.6667		10.3	10.0	3.2	30.0
n-Hexane	Ave	0.5077	0.5144		10.1	10.0	1.3	30.0
1,1-Dichloroethane	Ave	0.8423	0.8650		10.3	10.0	2.7	30.0
Vinyl acetate	Ave	0.6408	0.6888		10.7	10.0	7.5	30.0
cis-1,2-Dichloroethene	Ave	0.7726	0.7682		9.94	10.0	-0.6	30.0
Methyl Ethyl Ketone	Ave	0.1979	0.1933		9.77	10.0	-2.3	30.0
Ethyl acetate	Ave	0.0331	0.0339		10.2	10.0	2.3	30.0
Tetrahydrofuran	Ave	0.0596	0.0592		9.94	10.0	-0.5	30.0
Chloroform	Ave	1.650	1.724		10.4	10.0	4.5	30.0
1,1,1-Trichloroethane	Ave	0.3485	0.3428		9.84	10.0	-1.6	30.0
Cyclohexane	Ave	0.1669	0.1589		9.52	10.0	-4.8	30.0
Carbon tetrachloride	Ave	0.4289	0.4176		9.74	10.0	-2.6	30.0
Benzene	Ave	0.3970	0.4122		10.4	10.0	3.8	30.0
2,2,4-Trimethylpentane	Ave	0.4660	0.4827		10.4	10.0	3.6	30.0
1,2-Dichloroethane	Ave	0.1656	0.1767		10.7	10.0	6.7	30.0
n-Heptane	Ave	0.1483	0.1523		10.3	10.0	2.7	30.0
Trichloroethene	Ave	0.2646	0.2566		9.70	10.0	-3.0	30.0
1,2-Dichloropropane	Ave	0.1645	0.1559		9.48	10.0	-5.2	30.0

FORM VII
AIR - GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Lab Sample ID: CCVIS 200-52165/2 Calibration Date: 02/20/2013 11:00

Instrument ID: G.i Calib Start Date: 01/25/2013 10:40

GC Column: RTX-624 ID: 0.32(mm) Calib End Date: 01/25/2013 16:32

Lab File ID: ggzu002.d Conc. Units: ppb v/v Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl methacrylate	Ave	0.1231	0.1179		9.57	10.0	-4.3	30.0
1,4-Dioxane	Ave	0.0667	0.0561		8.41	10.0	-15.9	30.0
Bromodichloromethane	Ave	0.4016	0.3943		9.81	10.0	-1.8	30.0
cis-1,3-Dichloropropene	Ave	0.2476	0.2425		9.79	10.0	-2.0	30.0
methyl isobutyl ketone	Ave	0.2078	0.2074		9.98	10.0	-0.2	30.0
Toluene	Ave	0.3723	0.3706		9.95	10.0	-0.5	30.0
trans-1,3-Dichloropropene	Ave	0.2163	0.2288		10.6	10.0	5.8	30.0
1,1,2-Trichloroethane	Ave	0.1705	0.1687		9.89	10.0	-1.0	30.0
Tetrachloroethene	Ave	0.4038	0.3850		9.53	10.0	-4.7	30.0
Methyl Butyl Ketone (2-Hexanone)	Ave	0.1608	0.1507		9.37	10.0	-6.3	30.0
Dibromochloromethane	Ave	0.4154	0.4371		10.5	10.0	5.2	30.0
1,2-Dibromoethane	Ave	0.3255	0.3322		10.2	10.0	2.0	30.0
Chlorobenzene	Ave	0.5251	0.5319		10.1	10.0	1.3	30.0
Ethylbenzene	Ave	0.6987	0.7224		10.3	10.0	3.4	30.0
m,p-Xylene	Ave	0.2963	0.3113		21.0	20.0	5.1	30.0
Xylene, o-	Ave	0.3217	0.3347		10.4	10.0	4.1	30.0
Styrene	Ave	0.3834	0.4017		10.5	10.0	4.8	30.0
Bromoform	Ave	0.3278	0.3579		10.9	10.0	9.2	30.0
Cumene	Ave	0.8597	0.8988		10.5	10.0	4.6	30.0
1,1,2,2-Tetrachloroethane	Ave	0.4046	0.4134		10.2	10.0	2.2	30.0
n-Propylbenzene	Ave	0.8245	0.8625		10.5	10.0	4.6	30.0
2-Chlorotoluene	Ave	0.5927	0.6223		10.5	10.0	5.0	30.0
4-Ethyltoluene	Ave	0.6952	0.7675		11.0	10.0	10.4	30.0
1,3,5-Trimethylbenzene	Ave	0.6673	0.6969		10.4	10.0	4.4	30.0
tert-Butylbenzene	Ave	0.7105	0.7457		10.5	10.0	4.9	30.0
1,2,4-Trimethylbenzene	Ave	0.6167	0.6582		10.7	10.0	6.7	30.0
sec-Butylbenzene	Ave	0.9477	1.018		10.7	10.0	7.4	30.0
4-Isopropyltoluene	Ave	0.7405	0.8192		11.1	10.0	10.6	30.0
1,3-Dichlorobenzene	Ave	0.3653	0.3958		10.8	10.0	8.4	30.0
1,4-Dichlorobenzene	Ave	0.3546	0.3611		10.2	10.0	1.8	30.0
Benzyl chloride	Ave	0.2868	0.3225		11.2	10.0	12.4	30.0
n-Butylbenzene	Ave	0.5055	0.5480		10.8	10.0	8.4	30.0
1,2-Dichlorobenzene	Ave	0.4029	0.4210		10.4	10.0	4.5	30.0
1,2,4-Trichlorobenzene	Ave	0.1278	0.0885		6.93	10.0	-30.7*	30.0
Hexachlorobutadiene	Ave	0.2166	0.1872		8.64	10.0	-13.6	30.0
Naphthalene	Ave	0.3306	0.2188		6.62	10.0	-33.8*	30.0

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: MB 200-52099/4

Matrix: Air | Lab File ID: ggzt004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.020
75-45-6	Freon 22	86.47	0.50	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.034
106-97-8	n-Butane	58.12	0.50	U	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.021
76-13-1	Freon TF	187.38	0.20	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	5.0	U	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
67-66-3	Chloroform	119.38	0.20	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: MB 200-52099/4

Matrix: Air | Lab File ID: ggzt004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.034
108-88-3	Toluene	92.14	0.20	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
100-42-5	Styrene	104.15	0.20	U	0.20	0.011
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
98-82-8	Cumene	120.19	0.20	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	0.20	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.018
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: Lab Sample ID: MB 200-52099/4

Matrix: Air Lab File ID: ggzt004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 11:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: MB 200-52099/4

Matrix: Air | Lab File ID: ggzt004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.099
75-45-6	Freon 22	86.47	1.8	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.070
106-97-8	n-Butane	58.12	1.2	U	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.12
76-13-1	Freon TF	187.38	1.5	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	12	U	12	0.95
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.19
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: MB 200-52099/4

Matrix: Air | Lab File ID: ggzt004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 11:10

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	18	U	18	0.25
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.14
108-88-3	Toluene	92.14	0.75	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
100-42-5	Styrene	104.15	0.85	U	0.85	0.047
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
98-82-8	Cumene	120.19	0.98	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	1.4	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.11
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.16

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: Lab Sample ID: MB 200-52099/4

Matrix: Air Lab File ID: ggzt004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 11:10

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.31
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: MB 200-52165/4

Matrix: Air | Lab File ID: ggzu004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	0.50	U	0.50	0.020
75-45-6	Freon 22	86.47	0.50	U	0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	0.20	U	0.20	0.020
74-87-3	Chloromethane	50.49	0.50	U	0.50	0.034
106-97-8	n-Butane	58.12	0.50	U	0.50	0.022
75-01-4	Vinyl chloride	62.50	0.20	U	0.20	0.0091
106-99-0	1,3-Butadiene	54.09	0.20	U	0.20	0.025
74-83-9	Bromomethane	94.94	0.20	U	0.20	0.027
75-00-3	Chloroethane	64.52	0.50	U	0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.20	U	0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	0.20	U	0.20	0.021
76-13-1	Freon TF	187.38	0.20	U	0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	0.20	U	0.20	0.086
67-64-1	Acetone	58.08	5.0	U	5.0	0.40
67-63-0	Isopropyl alcohol	60.10	5.0	U	5.0	0.076
75-15-0	Carbon disulfide	76.14	0.50	U	0.50	0.020
107-05-1	3-Chloropropene	76.53	0.50	U	0.50	0.047
75-09-2	Methylene Chloride	84.93	0.50	U	0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	5.0	U	5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	0.20	U	0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	0.20	U	0.20	0.023
110-54-3	n-Hexane	86.17	0.20	U	0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	0.20	U	0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	0.50	U	0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	0.20	U	0.20	0.084
67-66-3	Chloroform	119.38	0.20	U	0.20	0.024
109-99-9	Tetrahydrofuran	72.11	5.0	U	5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	0.20	U	0.20	0.020
110-82-7	Cyclohexane	84.16	0.20	U	0.20	0.019
56-23-5	Carbon tetrachloride	153.81	0.20	U	0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	0.20	U	0.20	0.015
71-43-2	Benzene	78.11	0.20	U	0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	0.20	U	0.20	0.018
142-82-5	n-Heptane	100.21	0.20	U	0.20	0.017
79-01-6	Trichloroethene	131.39	0.20	U	0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: MB 200-52165/4

Matrix: Air | Lab File ID: ggzu004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	0.50	U	0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	0.20	U	0.20	0.023
123-91-1	1,4-Dioxane	88.11	5.0	U	5.0	0.070
75-27-4	Bromodichloromethane	163.83	0.20	U	0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	0.20	U	0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	0.50	U	0.50	0.034
108-88-3	Toluene	92.14	0.20	U	0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.20	U	0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	0.20	U	0.20	0.016
127-18-4	Tetrachloroethene	165.83	0.20	U	0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	0.50	U	0.50	0.040
124-48-1	Dibromochloromethane	208.29	0.20	U	0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	0.20	U	0.20	0.014
108-90-7	Chlorobenzene	112.30	0.20	U	0.20	0.013
100-41-4	Ethylbenzene	106.17	0.20	U	0.20	0.015
179601-23-1	m,p-Xylene	106.17	0.50	U	0.50	0.022
95-47-6	Xylene, o-	106.17	0.20	U	0.20	0.016
100-42-5	Styrene	104.15	0.20	U	0.20	0.011
75-25-2	Bromoform	252.75	0.20	U	0.20	0.0072
98-82-8	Cumene	120.19	0.20	U	0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	0.20	U	0.20	0.011
103-65-1	n-Propylbenzene	120.19	0.20	U	0.20	0.013
622-96-8	4-Ethyltoluene	120.20	0.20	U	0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	0.20	U	0.20	0.019
95-49-8	2-Chlorotoluene	126.59	0.20	U	0.20	0.013
98-06-6	tert-Butylbenzene	134.22	0.20	U	0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	0.20	U	0.20	0.021
135-98-8	sec-Butylbenzene	134.22	0.20	U	0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	0.20	U	0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	0.20	U	0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	0.20	U	0.20	0.018
100-44-7	Benzyl chloride	126.58	0.20	U	0.20	0.022
104-51-8	n-Butylbenzene	134.22	0.20	U	0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	0.20	U	0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: Lab Sample ID: MB 200-52165/4

Matrix: Air Lab File ID: ggzu004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 12:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52165 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	0.50	U	0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	0.20	U	0.20	0.029
91-20-3	Naphthalene	128.17	0.50	U	0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: MB 200-52165/4

Matrix: Air | Lab File ID: ggzu004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	2.5	U	2.5	0.099
75-45-6	Freon 22	86.47	1.8	U	1.8	0.081
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	1.4	U	1.4	0.14
74-87-3	Chloromethane	50.49	1.0	U	1.0	0.070
106-97-8	n-Butane	58.12	1.2	U	1.2	0.052
75-01-4	Vinyl chloride	62.50	0.51	U	0.51	0.023
106-99-0	1,3-Butadiene	54.09	0.44	U	0.44	0.055
74-83-9	Bromomethane	94.94	0.78	U	0.78	0.10
75-00-3	Chloroethane	64.52	1.3	U	1.3	0.087
593-60-2	Bromoethene(Vinyl Bromide)	106.96	0.87	U	0.87	0.083
75-69-4	Trichlorofluoromethane	137.37	1.1	U	1.1	0.12
76-13-1	Freon TF	187.38	1.5	U	1.5	0.15
75-35-4	1,1-Dichloroethene	96.94	0.79	U	0.79	0.34
67-64-1	Acetone	58.08	12	U	12	0.95
67-63-0	Isopropyl alcohol	60.10	12	U	12	0.19
75-15-0	Carbon disulfide	76.14	1.6	U	1.6	0.062
107-05-1	3-Chloropropene	76.53	1.6	U	1.6	0.15
75-09-2	Methylene Chloride	84.93	1.7	U	1.7	0.080
75-65-0	tert-Butyl alcohol	74.12	15	U	15	0.12
1634-04-4	Methyl tert-butyl ether	88.15	0.72	U	0.72	0.054
156-60-5	trans-1,2-Dichloroethene	96.94	0.79	U	0.79	0.091
110-54-3	n-Hexane	86.17	0.70	U	0.70	0.070
75-34-3	1,1-Dichloroethane	98.96	0.81	U	0.81	0.093
78-93-3	Methyl Ethyl Ketone	72.11	1.5	U	1.5	0.074
156-59-2	cis-1,2-Dichloroethene	96.94	0.79	U	0.79	0.33
67-66-3	Chloroform	119.38	0.98	U	0.98	0.12
109-99-9	Tetrahydrofuran	72.11	15	U	15	0.086
71-55-6	1,1,1-Trichloroethane	133.41	1.1	U	1.1	0.11
110-82-7	Cyclohexane	84.16	0.69	U	0.69	0.065
56-23-5	Carbon tetrachloride	153.81	1.3	U	1.3	0.082
540-84-1	2,2,4-Trimethylpentane	114.23	0.93	U	0.93	0.070
71-43-2	Benzene	78.11	0.64	U	0.64	0.058
107-06-2	1,2-Dichloroethane	98.96	0.81	U	0.81	0.073
142-82-5	n-Heptane	100.21	0.82	U	0.82	0.070
79-01-6	Trichloroethene	131.39	1.1	U	1.1	0.049

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: MB 200-52165/4

Matrix: Air | Lab File ID: ggzu004.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 12:42

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	2.0	U	2.0	0.066
78-87-5	1,2-Dichloropropane	112.99	0.92	U	0.92	0.11
123-91-1	1,4-Dioxane	88.11	18	U	18	0.25
75-27-4	Bromodichloromethane	163.83	1.3	U	1.3	0.080
10061-01-5	cis-1,3-Dichloropropene	110.97	0.91	U	0.91	0.059
108-10-1	methyl isobutyl ketone	100.16	2.0	U	2.0	0.14
108-88-3	Toluene	92.14	0.75	U	0.75	0.053
10061-02-6	trans-1,3-Dichloropropen e	110.97	0.91	U	0.91	0.068
79-00-5	1,1,2-Trichloroethane	133.41	1.1	U	1.1	0.087
127-18-4	Tetrachloroethene	165.83	1.4	U	1.4	0.10
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	2.0	U	2.0	0.16
124-48-1	Dibromochloromethane	208.29	1.7	U	1.7	0.094
106-93-4	1,2-Dibromoethane	187.87	1.5	U	1.5	0.11
108-90-7	Chlorobenzene	112.30	0.92	U	0.92	0.060
100-41-4	Ethylbenzene	106.17	0.87	U	0.87	0.065
179601-23-1	m,p-Xylene	106.17	2.2	U	2.2	0.096
95-47-6	Xylene, o-	106.17	0.87	U	0.87	0.069
100-42-5	Styrene	104.15	0.85	U	0.85	0.047
75-25-2	Bromoform	252.75	2.1	U	2.1	0.074
98-82-8	Cumene	120.19	0.98	U	0.98	0.054
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	1.4	U	1.4	0.076
103-65-1	n-Propylbenzene	120.19	0.98	U	0.98	0.064
622-96-8	4-Ethyltoluene	120.20	0.98	U	0.98	0.074
108-67-8	1,3,5-Trimethylbenzene	120.20	0.98	U	0.98	0.093
95-49-8	2-Chlorotoluene	126.59	1.0	U	1.0	0.067
98-06-6	tert-Butylbenzene	134.22	1.1	U	1.1	0.060
95-63-6	1,2,4-Trimethylbenzene	120.20	0.98	U	0.98	0.10
135-98-8	sec-Butylbenzene	134.22	1.1	U	1.1	0.082
99-87-6	4-Isopropyltoluene	134.22	1.1	U	1.1	0.11
541-73-1	1,3-Dichlorobenzene	147.00	1.2	U	1.2	0.11
106-46-7	1,4-Dichlorobenzene	147.00	1.2	U	1.2	0.11
100-44-7	Benzyl chloride	126.58	1.0	U	1.0	0.11
104-51-8	n-Butylbenzene	134.22	1.1	U	1.1	0.12
95-50-1	1,2-Dichlorobenzene	147.00	1.2	U	1.2	0.16

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: Lab Sample ID: MB 200-52165/4

Matrix: Air Lab File ID: ggzu004.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 12:42

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52165 Units: ug/m3

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	3.7	U	3.7	0.22
87-68-3	Hexachlorobutadiene	260.76	2.1	U	2.1	0.31
91-20-3	Naphthalene	128.17	2.6	U	2.6	0.20

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: LCS 200-52099/3

Matrix: Air | Lab File ID: ggzt003.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 10:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12.9		0.50	0.020
75-45-6	Freon 22	86.47	12.7		0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	12.7		0.20	0.020
74-87-3	Chloromethane	50.49	11.8		0.50	0.034
106-97-8	n-Butane	58.12	11.7		0.50	0.022
75-01-4	Vinyl chloride	62.50	11.8		0.20	0.0091
106-99-0	1,3-Butadiene	54.09	12.1		0.20	0.025
74-83-9	Bromomethane	94.94	11.8		0.20	0.027
75-00-3	Chloroethane	64.52	11.7		0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	12.2		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	12.3		0.20	0.021
76-13-1	Freon TF	187.38	13.0		0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	12.8		0.20	0.086
67-64-1	Acetone	58.08	11.5		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	11.9		5.0	0.076
75-15-0	Carbon disulfide	76.14	11.7		0.50	0.020
107-05-1	3-Chloropropene	76.53	11.0		0.50	0.047
75-09-2	Methylene Chloride	84.93	12.4		0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	11.7		5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	12.1		0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	11.8		0.20	0.023
110-54-3	n-Hexane	86.17	11.7		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	11.5		0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	10.8		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	11.1		0.20	0.084
67-66-3	Chloroform	119.38	11.3		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	11.1		5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	11.5		0.20	0.020
110-82-7	Cyclohexane	84.16	10.9		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	11.5		0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	11.5		0.20	0.015
71-43-2	Benzene	78.11	10.8		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	11.4		0.20	0.018
142-82-5	n-Heptane	100.21	11.1		0.20	0.017
79-01-6	Trichloroethene	131.39	10.8		0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: LCS 200-52099/3

Matrix: Air | Lab File ID: ggzt003.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/19/2013 10:19

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52099 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	10.6		0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	10.3		0.20	0.023
123-91-1	1,4-Dioxane	88.11	11.0		5.0	0.070
75-27-4	Bromodichloromethane	163.83	10.8		0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	10.0		0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	11.0		0.50	0.034
108-88-3	Toluene	92.14	10.3		0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	11.1		0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	9.37		0.20	0.016
127-18-4	Tetrachloroethene	165.83	9.46		0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	9.88		0.50	0.040
124-48-1	Dibromochloromethane	208.29	11.0		0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	9.86		0.20	0.014
108-90-7	Chlorobenzene	112.30	10.1		0.20	0.013
100-41-4	Ethylbenzene	106.17	10.9		0.20	0.015
179601-23-1	m,p-Xylene	106.17	22.3		0.50	0.022
95-47-6	Xylene, o-	106.17	11.0		0.20	0.016
100-42-5	Styrene	104.15	11.1		0.20	0.011
75-25-2	Bromoform	252.75	11.8		0.20	0.0072
98-82-8	Cumene	120.19	11.6		0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	10.2		0.20	0.011
103-65-1	n-Propylbenzene	120.19	11.1		0.20	0.013
622-96-8	4-Ethyltoluene	120.20	12.3		0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	11.5		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	11.7		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	11.8		0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	11.6		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	12.0		0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	12.5		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	11.7		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	11.1		0.20	0.018
100-44-7	Benzyl chloride	126.58	11.9		0.20	0.022
104-51-8	n-Butylbenzene	134.22	12.1		0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	11.4		0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: Lab Sample ID: LCS 200-52099/3

Matrix: Air Lab File ID: ggzt003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/19/2013 10:19

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52099 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	9.33		0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	9.86		0.20	0.029
91-20-3	Naphthalene	128.17	9.71		0.50	0.038

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: LCS 200-52165/3

Matrix: Air | Lab File ID: ggzu003.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 11:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	120.91	12.4		0.50	0.020
75-45-6	Freon 22	86.47	12.1		0.50	0.023
76-14-2	1,2-Dichlorotetrafluoroethane	170.92	12.2		0.20	0.020
74-87-3	Chloromethane	50.49	11.7		0.50	0.034
106-97-8	n-Butane	58.12	11.3		0.50	0.022
75-01-4	Vinyl chloride	62.50	11.2		0.20	0.0091
106-99-0	1,3-Butadiene	54.09	11.7		0.20	0.025
74-83-9	Bromomethane	94.94	11.4		0.20	0.027
75-00-3	Chloroethane	64.52	11.2		0.50	0.033
593-60-2	Bromoethene(Vinyl Bromide)	106.96	11.7		0.20	0.019
75-69-4	Trichlorofluoromethane	137.37	11.5		0.20	0.021
76-13-1	Freon TF	187.38	12.3		0.20	0.020
75-35-4	1,1-Dichloroethene	96.94	12.3		0.20	0.086
67-64-1	Acetone	58.08	9.99		5.0	0.40
67-63-0	Isopropyl alcohol	60.10	10.7		5.0	0.076
75-15-0	Carbon disulfide	76.14	11.2		0.50	0.020
107-05-1	3-Chloropropene	76.53	10.6		0.50	0.047
75-09-2	Methylene Chloride	84.93	11.8		0.50	0.023
75-65-0	tert-Butyl alcohol	74.12	10.4		5.0	0.041
1634-04-4	Methyl tert-butyl ether	88.15	10.6		0.20	0.015
156-60-5	trans-1,2-Dichloroethene	96.94	11.2		0.20	0.023
110-54-3	n-Hexane	86.17	11.1		0.20	0.020
75-34-3	1,1-Dichloroethane	98.96	11.3		0.20	0.023
78-93-3	Methyl Ethyl Ketone	72.11	9.93		0.50	0.025
156-59-2	cis-1,2-Dichloroethene	96.94	11.1		0.20	0.084
67-66-3	Chloroform	119.38	11.4		0.20	0.024
109-99-9	Tetrahydrofuran	72.11	10.7		5.0	0.029
71-55-6	1,1,1-Trichloroethane	133.41	11.7		0.20	0.020
110-82-7	Cyclohexane	84.16	11.5		0.20	0.019
56-23-5	Carbon tetrachloride	153.81	11.6		0.20	0.013
540-84-1	2,2,4-Trimethylpentane	114.23	12.4		0.20	0.015
71-43-2	Benzene	78.11	12.2		0.20	0.018
107-06-2	1,2-Dichloroethane	98.96	12.7		0.20	0.018
142-82-5	n-Heptane	100.21	12.4		0.20	0.017
79-01-6	Trichloroethene	131.39	11.8		0.20	0.0092

FORM I
AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: | Lab Sample ID: LCS 200-52165/3

Matrix: Air | Lab File ID: ggzu003.d

Analysis Method: TO-15 | Date Collected:

Sample wt/vol: 200(mL) | Date Analyzed: 02/20/2013 11:51

Soil Aliquot Vol: | Dilution Factor: 1

Soil Extract Vol.: | GC Column: RTX-624 ID: 0.32(mm)

% Moisture: | Level: (low/med) Low

Analysis Batch No.: 52165 | Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
80-62-6	Methyl methacrylate	100.12	10.4		0.50	0.016
78-87-5	1,2-Dichloropropane	112.99	10.8		0.20	0.023
123-91-1	1,4-Dioxane	88.11	11.2		5.0	0.070
75-27-4	Bromodichloromethane	163.83	11.8		0.20	0.012
10061-01-5	cis-1,3-Dichloropropene	110.97	11.2		0.20	0.013
108-10-1	methyl isobutyl ketone	100.16	11.0		0.50	0.034
108-88-3	Toluene	92.14	10.2		0.20	0.014
10061-02-6	trans-1,3-Dichloropropen e	110.97	11.6		0.20	0.015
79-00-5	1,1,2-Trichloroethane	133.41	9.77		0.20	0.016
127-18-4	Tetrachloroethene	165.83	10.1		0.20	0.015
591-78-6	Methyl Butyl Ketone (2-Hexanone)	100.20	10.1		0.50	0.040
124-48-1	Dibromochloromethane	208.29	11.3		0.20	0.011
106-93-4	1,2-Dibromoethane	187.87	10.6		0.20	0.014
108-90-7	Chlorobenzene	112.30	10.3		0.20	0.013
100-41-4	Ethylbenzene	106.17	10.4		0.20	0.015
179601-23-1	m,p-Xylene	106.17	21.1		0.50	0.022
95-47-6	Xylene, o-	106.17	10.3		0.20	0.016
100-42-5	Styrene	104.15	10.7		0.20	0.011
75-25-2	Bromoform	252.75	11.4		0.20	0.0072
98-82-8	Cumene	120.19	10.7		0.20	0.011
79-34-5	1,1,2,2-Tetrachloroethan e	167.85	10.1		0.20	0.011
103-65-1	n-Propylbenzene	120.19	10.8		0.20	0.013
622-96-8	4-Ethyltoluene	120.20	11.7		0.20	0.015
108-67-8	1,3,5-Trimethylbenzene	120.20	10.6		0.20	0.019
95-49-8	2-Chlorotoluene	126.59	11.2		0.20	0.013
98-06-6	tert-Butylbenzene	134.22	10.7		0.20	0.011
95-63-6	1,2,4-Trimethylbenzene	120.20	10.7		0.20	0.021
135-98-8	sec-Butylbenzene	134.22	11.1		0.20	0.015
99-87-6	4-Isopropyltoluene	134.22	11.7		0.20	0.020
541-73-1	1,3-Dichlorobenzene	147.00	11.3		0.20	0.019
106-46-7	1,4-Dichlorobenzene	147.00	10.9		0.20	0.018
100-44-7	Benzyl chloride	126.58	12.0		0.20	0.022
104-51-8	n-Butylbenzene	134.22	11.7		0.20	0.022
95-50-1	1,2-Dichlorobenzene	147.00	10.7		0.20	0.026

FORM I

AIR - GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Client Sample ID: Lab Sample ID: LCS 200-52165/3

Matrix: Air Lab File ID: ggzu003.d

Analysis Method: TO-15 Date Collected:

Sample wt/vol: 200(mL) Date Analyzed: 02/20/2013 11:51

Soil Aliquot Vol: Dilution Factor: 1

Soil Extract Vol.: GC Column: RTX-624 ID: 0.32(mm)

% Moisture: Level: (low/med) Low

Analysis Batch No.: 52165 Units: ppb v/v

CAS NO.	COMPOUND NAME	MOLECULAR WEIGHT	RESULT	Q	RL	MDL
120-82-1	1,2,4-Trichlorobenzene	181.45	9.93		0.50	0.030
87-68-3	Hexachlorobutadiene	260.76	9.35		0.20	0.029
91-20-3	Naphthalene	128.17	10.8		0.50	0.038

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i Start Date: 01/25/2013 08:52

Analysis Batch Number: 51182 End Date: 01/26/2013 08:19

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-51182/1		01/25/2013 08:52	1	ggz001.d	RTX-624 0.32(mm)
VIBLK 200-51182/2		01/25/2013 09:50	1		RTX-624 0.32(mm)
IC 200-51182/3		01/25/2013 10:40	1	ggz003.d	RTX-624 0.32(mm)
IC 200-51182/4		01/25/2013 11:31	1	ggz004.d	RTX-624 0.32(mm)
IC 200-51182/5		01/25/2013 12:21	1	ggz005.d	RTX-624 0.32(mm)
IC 200-51182/6		01/25/2013 13:11	1	ggz006.d	RTX-624 0.32(mm)
ICIS 200-51182/7		01/25/2013 14:01	1	ggz007.d	RTX-624 0.32(mm)
IC 200-51182/8		01/25/2013 14:51	1	ggz008.d	RTX-624 0.32(mm)
IC 200-51182/9		01/25/2013 15:42	1	ggz009.d	RTX-624 0.32(mm)
IC 200-51182/10		01/25/2013 16:32	1	ggz010.d	RTX-624 0.32(mm)
VIBLK 200-51182/11		01/25/2013 17:23	1		RTX-624 0.32(mm)
ICV 200-51182/12		01/25/2013 18:13	1	ggz012.d	RTX-624 0.32(mm)
VIBLK 200-51182/13		01/25/2013 19:04	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 19:55	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 20:46	1		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 22:15	13.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:05	14.3		RTX-624 0.32(mm)
ZZZZZ		01/25/2013 23:56	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 00:46	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 01:36	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 02:26	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 03:17	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:08	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 04:58	10		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 05:48	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 06:38	2		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 07:29	1		RTX-624 0.32(mm)
ZZZZZ		01/26/2013 08:19	1		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i Start Date: 02/19/2013 08:36

Analysis Batch Number: 52099 End Date: 02/20/2013 07:53

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52099/1		02/19/2013 08:36	1	ggzt001.d	RTX-624 0.32(mm)
CCVIS 200-52099/2		02/19/2013 09:28	1	ggzt002.d	RTX-624 0.32(mm)
LCS 200-52099/3		02/19/2013 10:19	1	ggzt003.d	RTX-624 0.32(mm)
MB 200-52099/4		02/19/2013 11:10	1	ggzt004.d	RTX-624 0.32(mm)
ZZZZZ		02/19/2013 12:06	0.2		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 13:03	0.2		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 14:00	0.2		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 14:56	0.2		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 15:51	0.2		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 16:41	4		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 17:31	382.5		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 18:22	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 19:12	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 20:03	1		RTX-624 0.32(mm)
ZZZZZ		02/19/2013 20:53	10		RTX-624 0.32(mm)
200-14993-1	WOLTING-MAIN	02/19/2013 21:45	1	ggzt016.d	RTX-624 0.32(mm)
200-14993-2	WOLTING-BASEMENT	02/19/2013 22:35	1	ggzt017.d	RTX-624 0.32(mm)
200-14993-3	WOLTING-AMBIENT	02/19/2013 23:26	1	ggzt018.d	RTX-624 0.32(mm)
200-14993-4	KINGERY-MAIN	02/20/2013 00:17	1	ggzt019.d	RTX-624 0.32(mm)
200-14993-5	KINGERY-BASEMENT	02/20/2013 01:08	1	ggzt020.d	RTX-624 0.32(mm)
200-14993-6	KINGERY-AMBIENT	02/20/2013 02:00	1	ggzt021.d	RTX-624 0.32(mm)
ZZZZZ		02/20/2013 02:51	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 03:41	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 04:31	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 05:21	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 06:12	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 07:02	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 07:53	604		RTX-624 0.32(mm)

AIR - GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-14993-1

SDG No.: Sylvan Grove (200-14993)

Instrument ID: G.i Start Date: 02/20/2013 10:04

Analysis Batch Number: 52165 End Date: 02/21/2013 08:50

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-52165/1		02/20/2013 10:04	1	ggzu001.d	RTX-624 0.32(mm)
CCVIS 200-52165/2		02/20/2013 11:00	1	ggzu002.d	RTX-624 0.32(mm)
LCS 200-52165/3		02/20/2013 11:51	1	ggzu003.d	RTX-624 0.32(mm)
MB 200-52165/4		02/20/2013 12:42	1	ggzu004.d	RTX-624 0.32(mm)
ZZZZZ		02/20/2013 13:37	0.2		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 14:32	0.2		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 15:27	0.2		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 16:18	7		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 17:08	7		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 17:59	13.8		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 18:49	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 19:39	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 20:29	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 21:20	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 22:10	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 23:01	1		RTX-624 0.32(mm)
ZZZZZ		02/20/2013 23:51	1		RTX-624 0.32(mm)
ZZZZZ		02/21/2013 00:43	1		RTX-624 0.32(mm)
ZZZZZ		02/21/2013 01:33	1		RTX-624 0.32(mm)
ZZZZZ		02/21/2013 02:23	1		RTX-624 0.32(mm)
ZZZZZ		02/21/2013 03:14	1		RTX-624 0.32(mm)
ZZZZZ		02/21/2013 04:04	1		RTX-624 0.32(mm)
ZZZZZ		02/21/2013 04:54	1		RTX-624 0.32(mm)
ZZZZZ		02/21/2013 05:45	1		RTX-624 0.32(mm)
200-14993-1 DL	WOLTING-MAIN DL	02/21/2013 06:35	10	ggzu025.d	RTX-624 0.32(mm)
200-14993-2 DL	WOLTING-BASEMENT DL	02/21/2013 07:25	10	ggzu026.d	RTX-624 0.32(mm)
ZZZZZ		02/21/2013 08:50	0.2		RTX-624 0.32(mm)

TO-15

Post-Sampling Air Canister Pressure Check Record

Client ID	TALS Job	Date	Time (Military)	Lab BP ("Hg)	Lab Temp (°C)	Pressure Gague ID	Analyst
Argonne	14993	2/7/13	1225	30.2	22	G-5	EA

Sampling Information and Return Equipment Check	Yes	No	Comments
(1) Is a Field Test Data Sheet (FTDS) or similar sampling documentation present?	✓		
(2) Is the flow controller ID used for each canister recorded?	✓		
(3) MA MCP: Check return flow rate for flow controllers		✓	
(4) Is visible sign of damage to canister and/or flow controller (FC) present?		✓	

If damage observed, list equipment IDs and describe condition:

Post-Sampling Return Pressure Check

Lab ID	Canister ID	Pressure[1] ("Hg)	Anomaly[2] (Y/N)	FC ID[3]	FC Return (Y/N)	Can Cert Batch ID	Comments
1	2662	-6.5	N	3177	Y	3539 GG2D	24h
2	4163	-8.0	N	3122	↓	3370 GG2D	↓
3	3219	-4.8	N	4489	↓	↓	↓
4	2511	-6.3	N	2526	↓	3539 GG2D	↓
5	4458	-5.8	N	4199	↓	↓	↓
6	2739	-4.5	N	3773	↓	↓	↓

NA 2/7/13

[1] Criteria: Return Pressure should be between -1 and -10 ("Hg)

[2] If return pressure is not within criteria, initiate anomaly report.

[3] Record the ID of the FC used for sampling if information is provided, otherwise leave blank.

Internal Use Only: Flow Controller Date and Page # 52/68

Shipping and Receiving Documents

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Lorraine Lafreniere	Samples Collected By: TJK	1 of 2 COCs
Company: Argonne National Lab	Phone: (630) 252-7969		
Address: 9700 S Cass Ave	Email: lafreniere@anl.gov		
City/State/Zip Lemont IL, 60439			
Phone:	Site Contact:		
FAX:	TA Contact: Kirk Young		
Project Name: VI Sampling	Analysis Turnaround Time		
Site: Sylvan Grove KS	Standard (Specify)		
PO #	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
Wolting - Main	2013	13:11	13:11	-30"	-06"	5177	2662	X							X				
Wolting - Basement	2-5	13:13	13:14	-30"	-07"	3122	4163	X							X				
Wolting - Ambient	2-6	13:24	13:21	-26"	-03"	4989	3219	X								X			
Radon Kit # 4493645	2/5	13:00																	
# 4493646	2/5	13:00																	

Temperature (Fahrenheit)	Interior	Ambient
Start	74°F	55°F
Stop	65°F	45°F

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Travis Kamler	Date/Time: Feb 6, 2013 14:00	Samples Received by: 2/7/13 1015 Steve Rauhn TABUR
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only Shipper Name: Opened by: Condition:

TestAmerica Burlington
30 Community Drive
Suite 11
South Burlington, VT 05403
phone 802-660-1990 fax 802-660-1919

Canister Samples Chain of Custody Record

TestAmerica Analytical Testing Corp. assumes no liability with respect to the collection and shipment of these samples.

Client Contact Information	Project Manager: Lorraine LaFreniere	Samples Collected By: TJK	2 of 2 COCs
Company: Argonne National Lab	Phone: (630) 252-7969		
Address: 9700 S Cass Ave	Email: lafreniere@anl.gov		
City/State/Zip Lemont IL 60439			
Phone:	Site Contact:		
FAX:	TA Contact: Kirk Young		
Project Name: VI Sampling	Analysis Turnaround Time		
Site: Sylvan Grove, KS	Standard (Specify)		
PO# SA727-NB-167	Rush (Specify)		

Sample Identification	Sample Date(s)	Time Start	Time Stop	Canister Vacuum in Field, "Hg (Start)	Canister Vacuum in Field, "Hg (Stop)	Flow Controller ID	Canister ID	TO-15	MA-APH	EPA 3C	EPA 25C	ASTM D-1946	Other (Please specify in notes section)	Sample Type	Indoor Air	Ambient Air	Soil Gas	Landfill Gas	Other (Please specify in notes section)
Kingery - Main	2013	13:47	13:33	-28"	-04	2826	2511	X							X				
Kingery - Basement	2-5	13:34	13:30	-29"	-06"	4199	4458	X							X				
Kingery - Ambient	2-6	13:53	13:39	-28"	-04"	3773	2739	X								X			
Radon Kit # 4493647	2/5	14:00																	
# 4493648	2/5	14:00																	

Temperature (Fahrenheit)	Interior	Ambient
Start	65° F	55° F
Stop	60 °F	45° F

Pressure (inches of Hg)	Interior	Ambient
Start		
Stop		

Special Instructions/QC Requirements & Comments:

Samples Shipped by: Travis Kanler	Date/Time: Feb 6, 2013 14:00	Samples Received by: 2/7/13 10:15 Aleph Pauline [illegible]
Samples Relinquished by:	Date/Time:	Received by:
Relinquished by:	Date/Time:	Received by:

Lab Use Only Shipper Name: Opened by: Condition:

Login Sample Receipt Checklist

Client: Argonne National Laboratory

Job Number: 200-14993-1
SDG Number: Sylvan Grove (200-14993)

Login Number: 14993
List Number: 1
Creator: Marion, Greg T

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	720275,277,278,276
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	N/A	Thermal preservation not required.
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	AMBIENT
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ORIGIN ID:SLNA (630) 854-0882
US DOE/ARGONNE NATIONAL LAB

SEE C5
9700 S CASS AVE
LEMONT, IL 604394803
UNITED STATES US

SHIP DATE: 06FEB13
ACTWGT: 36.1 LB
CAD: /POS1322
DIMS: 21x21x18 IN

BILL SENDER

TO KIRK YOUNG
TEST AMERICA
30 COMMUNITY DRIVE

SOUTH BURLINGTON VT 05403
(802) 660-1990 REF:
INV: DEPT:
PO:

FedEx Express

1 of 2

TRK# 0200 8015 6093 6389

MASTER

XH BTVA

THU - 07 FEB A4
PRIORITY OVERNIGHT

05403
VT-US BTV

ORIGIN ID:SLNA (630) 854-0882
US DOE/ARGONNE NATIONAL LAB

SEE C5
9700 S CASS AVE
LEMONT, IL 604394803
UNITED STATES US

SHIP DATE: 06FEB13
ACTWGT: 16.4 LB
CAD: /POS1322
DIMS: 21x10x21 IN

BILL SENDER

TO KIRK YOUNG
TEST AMERICA
30 COMMUNITY DRIVE

SOUTH BURLINGTON VT 05403
(802) 660-1990 REF:
INV: DEPT:
PO:

FedEx Express

2 of 2

MPS# 0681 7955 5050 8322 0200

Mstr# 8015 6093 6389

XH BTVA

THU - 07 FEB A4
PRIORITY OVERNIGHT

05403
VT-US BTV

** LABORATORY ANALYSIS REPORT **

Attention: P6579 / TRAVIS KAMLER

Kit #: 4493645 Result: 7.2 ± 0.5 pCi/l
Location: Basement
Esther Bowen
9700 S Cass Ave
Lemont, IL 60439

Analysis Note :
Analyzed : 2013−02−11 at 10:00 am
Started : 2013−02−05 at 1:00 pm
Ended : 2013−02−07 at 8:00 pm
Hours/MST% : 55 hours 4.9% 70°F

Kit #: 4493646 Result: 7.1 ± 0.4 pCi/l
Location: Basement
Ryan Wolting
308 W Old Hwy 18
Sylvan Grove, KS 67481

Analysis Note :
Analyzed : 2013−02−11 at 10:00 am
Started : 2013−02−05 at 1:00 pm
Ended : 2013−02−07 at 8:00 pm
Hours/MST% : 55 hours 5.5% 70°F

Kit #: 4493647 Result: 20.4 ± 0.6 pCi/l
Location: Basement
Esther Bowen
9700 S Cass Ave
Lemont, IL 60439

Analysis Note :
Analyzed : 2013−02−11 at 10:00 am
Started : 2013−02−05 at 2:00 pm
Ended : 2013−02−07 at 9:00 pm
Hours/MST% : 55 hours 4.8% 60°F

Kit #: 4493648 Result: 19.3 ± 0.6 pCi/l
Location: Basement
Barb Kingery
400 West Old Hwy 18
Sylvan Grove, KS 67481

Analysis Note :
Analyzed : 2013−02−11 at 10:00 am
Started : 2013−02−05 at 2:00 pm
Ended : 2013−02−07 at 9:00 pm
Hours/MST% : 55 hours 4.8% 60°F

Air Chek, Inc. 1936 Butler Bridge Rd, Mills River, NC 28759−3892 Phone: (828) 684−0893 Fax: (828) 684−8498

ANALYTICAL REPORT

Job Number: 200-11730-1

SDG Number: 200-11730

Job Description: Sylvan Grove (200-11730)

Contract Number: 1E-30401

For:
Argonne National Laboratory
9700 South Cass Avenue
Building 203
Office B-149
Argonne, IL 60439

Attention: Mr. Clyde Dennis

Approved for release.
Kirk F Young
Project Manager I
8/6/2012 10:40 AM

Kirk F Young
Project Manager I
kirk.young@testamericainc.com
08/06/2012

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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CASE NARRATIVE

Client: Argonne National Laboratory

Project: Sylvan Grove (200-11730)

Report Number: 200-11730-1

Enclosed is the data set for the referenced project work. With the exceptions noted as flags or footnotes, standard analytical protocols were followed in performing the analytical work and the applied control limits were met.

Calculations were performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Receipt

The samples were received on 07/13/2012. Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Shipping Documentation section of this submittal. The samples, as received, were not acid preserved. On that basis, the laboratory did provide for the analysis of the samples within seven days of sample collection.

SOM01.2 Volatile Organics (Trace Level Water)

A storage blank was prepared for volatile organics analysis, and stored in association with the storage of the samples. That storage blank, identified as VHBLK01, was carried through the holding period with the samples, and analyzed.

The samples in this sample set were analyzed at a 1.1-fold dilution due to constraints in sample volume. Each of the analyses associated with the sample set exhibited an acceptable internal standard performance. There was an acceptable recovery of each deuterated monitoring compound (DMC) in the analysis of the method blank associated with the analytical work. The analysis of the storage blank associated with the sample set did yield a high recovery of vinyl chloride-d_3, as did the analysis of each of the field samples. Matrix spike and matrix spike duplicate analyses were not performed on samples in this sample set. Trace concentrations of bromomethane, carbon disulfide, methylene chloride, trans-1,2-dichloroethene, cis-1,2-dichloroethene, carbon tetrachloride, toluene, ethylbenzene, and m,p-xylene were identified in the analysis of the method blank associated with the analytical work. The concentration of each target analyte in that analysis was below the established reporting limit, and the analysis did meet the technical acceptance criteria for a compliant method blank analysis. Trace concentrations of chloromethane, bromomethane, acetone, carbon disulfide, methylene chloride, carbon tetrachloride, toluene, and m,p-xylene were identified in the analysis of the storage blank associated with the sample set. The concentration of each target analyte in that analysis was below the established reporting limit, and the analysis did meet the technical acceptance criteria for a compliant storage blank analysis. Present in the method blank and storage blank analyses was a non-target constituent that represents a compound that is related to the DMC formulation. The fact that the presence of this compound is not within the laboratory's control is at issue. The derived results for that compound have been qualified with an "X" qualifier to reflect the source of the contamination.

The responses for each of the target analytes met the relative standard deviation criterion in the initial calibration. The samples in this sample set were analyzed in an analytical sequence that included the initial calibration. The response for each target analyte met the 50.0 percent difference criterion in the closing calibration check acquisition.

The primary quantitation mass for methylcyclohexane that is specified in the Statement of Work is mass 83. The laboratory did identify a contribution to mass 83 from 1,2-dichloropropane-d_6, one of the deuterated monitoring compounds (DMCs). The laboratory did change the primary quantitation mass assignment to mass 55 for the quantification of methylcyclohexane.

Manual integration was employed in deriving certain of the analytical results. The values that have been derived from manual integration are qualified on the quantitation reports. Extracted ion current profiles for each manual integration are included in the data package, and further documented at the end of this submittal.

DATA REPORTING QUALIFIERS

Client: Argonne National Laboratory

Job Number: 200-11730-1
Sdg Number: 200-11730

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an Estimated Value for TICs
	J	Indicates an estimated value.
	X	See case narrative notes for explanation of the 'X' flag
	*	Surrogate exceeds the control limit
	B	The analyte was found in an associated blank, as well as in the sample.
	N	This flag indicates the presumptive evidence of a compound.

Argonne NATIONAL LABORATORY

6723

MATRIX: WATER

RECEIVING LAB: TEST AMERICA

PROJECT/SITE: SYLVAN GROVE, KS

SAMPLER(S) (Signature)

ARGONNE NATIONAL LABORATORY CHAIN OF CUSTODY RECORD*

Shipping Container:

Shipping Info:

Field Contact (Name & Temporary Phone):

DATE OF COLLECTION	SAMPLE ID NUMBER(S)	Number of containers	ANALYSIS: VOCs										REMARKS
7 - 10 - 12	SYSB03 - W - 33797	2	2										2 - 40 mL for VOCs to ANL
7 - 11 - 12	SYSB07 - W - 33882	2	2										2 - 40 mL for VOCs to ANL
7 - 12 - 12	SYSB04 - W - 33910	2	2										2 - 40 mL for VOCs to ANL
7 - 12 - 12	SYQCQA - W - 33913	2	2										2 - 40 mL for VOCs to ANL

Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received by (Signature)
	7/12/12	13:00	1025 7/13/12 TA One				

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time	Remarks

Y	N	FOR LAB USE ONLY
		Custody seal was intact when shipment received.
		Sample containers were intact when received.
		Shipment was at required temperature when received.
		Sample labels, Tags and COC agree.

*A sample is under custody if:

1. It is in your possession; or,
2. It is in your view, after having been in your possession; or,
3. It was in your possession and you locked it up; or,
4. It is in a designated secure area.

Argonne National Laboratory, Applied Geosciences & Environmental Mgt. Group, Environmental Science Division, 9700 S. Cass Avenue, Argonne, IL 60439

EVS-160 (6-07)

TestAmerica Burlington

INTERNAL CHAIN OF CUSTODY LOG (ICOC)

Project Information:

Log In #: 200-11730	**Method:** SOM01.2_VOL_TR
Client: ARG LAB	**LAB IDs:** 200-11730-1 TO 200-11730-5

Samples associated with this log-in were placed into storage on 7/13/2012 (Date) 14:08 (Time[2]) **by:** *Sample Custodian Signature*

Storage Location: VOA FRIDGE A SHELF 8 *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: ☑ Refrigeration ☐ Frozen ☐ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer	Transfer	Purpose of Transfer			Relinquished	Received	Storage Location
Original	Prepared[1]		Date	Time[2]	Prep	Analysis	Storage	By:	By:	Prepared Sample[1]
✓		200-11730-1-4	7/16/12	1417		✓				screen
✓		" "	7/16/12	1437			✓			Storage
✓		11730-1-5	7/17/12	1300		✓				Analysis
✓		" "	7/17/12	1400			✓			Storage
✓		11730-1-5	7/18/12	1545		✓				Analysis
✓		" "	7/18/12	~~1600~~ 1635			✓			Storage

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

Shipping and Receiving Documents

FedEx Express US Airbill

8632 1411 5574

0200 Form In No.

FedEx Retrieval Copy

1 From

Date

Sender's FedEx Account Number

Sender's Name

Phone

Company

Address

Dept/Floor/Suite/Room

City

State

ZIP

2 Your Internal Billing Reference

3 To

Recipient's Name

Phone

Company

Recipient's Address

Dept/Floor/Suite/Room

Address

If requested a package be held at a specific FedEx location, print FedEx address here.

City

State

ZIP

8632 1411 5574

4a Express Package Service — Packages up to 150 lbs.

1 [ ] FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

5 [ ] FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

6 [ ] FedEx First Overnight — Earliest next business morning delivery to select locations.* Saturday Delivery NOT available.

3 [ ] FedEx 2Day — Second business day.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 [ ] FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

FedEx Envelope rate not available. Minimum charge: One-pound rate.

* To most locations.

4b Express Freight Service — Packages over 150 lbs.

7 [ ] FedEx 1Day Freight* — Next business day.** Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

8 [ ] FedEx 2Day Freight — Second business day.** Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

33 [ ] FedEx 3Day Freight — Third business day.** Saturday Delivery NOT available.

* Call for Confirmation.

** To most locations.

5 Packaging

6 [ ] FedEx Envelope*

2 [ ] FedEx Pak* — Includes FedEx Small Pak, FedEx Large Pak, and FedEx Sturdy Pak.

3 [ ] FedEx Box

4 [ ] FedEx Tube

1 [ ] Other

* Declared value limit $500.

6 Special Handling — Include FedEx address in Section 3.

3 [ ] SATURDAY Delivery — Not available for FedEx Standard Overnight, FedEx First Overnight, FedEx Express Saver, or FedEx 3Day Freight.

1 [ ] HOLD Weekday at FedEx Location — Not available for FedEx First Overnight.

31 [ ] HOLD Saturday at FedEx Location — Available ONLY for FedEx Priority Overnight and FedEx 2Day in select locations.

Does this shipment contain dangerous goods? One box must be checked.

[ ] No

4 [ ] Yes — As per attached Shipper's Declaration.

[ ] Yes — Shipper's Declaration not required.

6 [ ] Dry Ice — Dry ice, 9, UN 1845 — kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging.

[ ] Cargo Aircraft Only

7 Payment — Bill to: Enter FedEx Acct. No. or Credit Card No. below.

Obtain Recip. Acct. No. [ ]

1 [ ] Sender — Acct. No. in Section 1 will be billed.

2 [ ] Recipient

3 [ ] Third Party

4 [ ] Credit Card

5 [ ] Cash/Check

Total Packages

Total Weight

Credit Card Auth.

Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

8 Residential Delivery Signature Options — If you require a signature, check Direct or Indirect.

[ ] No Signature Required — Package may be left without obtaining a signature for delivery.

30 [ ] Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

34 [ ] Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. Fee applies.

520

Rev. Date 10/09 Part #158280-©1994-2009 FedEx-PRINTED IN U.S.A. SRF

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fedex.com 1800.GoFedEx 1800.463.3339

08/06/2012

Login Sample Receipt Checklist

Client: Argonne National Laboratory

Job Number: 200-11730-1
SDG Number: 200-11730

Login Number: 11730
List Number: 1
Creator: Marion, Greg T

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	NO SEAL NUMBERS
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.2ºC IR GUN ID 154/CF=-0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	Refer to Job Narrative for details.
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	Refer to Job Narrative for details.
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	True	

Sample Login Acknowledgement

Job 200-11730-1

Client Job Description: Sylvan Grove (200-11730)
Purchase Order #: 1E-30401
Work Order #: 1E-30401
Project Manager: Kirk F Young
Job Due Date: 7/27/2012
Job TAT: 14 Days
Max Deliverable Level: IV
Earliest Deliverable Due: 7/27/2012

Report To: Argonne National Laboratory
Jorge Alvarado
9700 South Cass Avenue
Building 203
Office B-149
Argonne, IL 60439

Bill To: Argonne National Laboratory
Accounts Payable
Chief Financial Offices
9700 S. Cass Ave.
Building 201
Argonne, IL 60439

Login 200-11730

Sample Receipt: 7/13/2012 10:25:00 AM
Method of Delivery: FedEx Priority Overnight
Number of Coolers: 1
Cooler Temperature(s) (C°): 4.2;

Lab Sample #	Client Sample ID	Date Sampled	Matrix		
Method	**Method Description / Work Location**			**Rpt Basis**	**Dry / Wet ****
200-11730-1	**SYSB03-W-33797**	**7/10/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11730-2	**SYSB07-W-33882**	**7/11/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11730-3	**SYSB04-W-33910**	**7/12/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11730-4	**SYQCQA-W-33913**	**7/12/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11730-5	**VHBLK01**	**7/13/2012 1:45:00 PM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content and based on sample Wet weight or Dry weight.

METHODOLOGY SUMMARY

Laboratory:	TestAmerica Laboratories	Project No:	
Location:	South Burlington, Vermont	SDG No:	200-11730

VOA

Volatile Organics Trace - USEPA CLP SOM01.2

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: _____ SDG No.: 200-11730

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLKDK	131	118	90	98	97	103	107
02	SYSB03-W-33797	133 *	120	91	122	102	111	108
03	SYSB07-W-33882	136 *	122	90	113	115	111	110
04	SYSB04-W-33910	134 *	120	87	107	98	105	110
05	SYQCQA-W-33913	135 *	121	91	100	100	105	109
06	VHBLK01	141 *	126	94	103	105	111	115

			QC LIMITS
VDMC1	(VCL)	= Vinyl Chloride-d3	(65-131)
VDMC2	(CLA)	= Chloroethane-d5	(71-131)
VDMC3	(DCE)	= 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT)	= 2-Butanone-d5	(49-155)
VDMC5	(CLF)	= Chloroform-d	(78-121)
VDMC6	(DCA)	= 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN)	= Benzene-d6	(77-124)

Column to be used to flag recovery values
* Values outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (TCA) #	VDMC13 (DCZ) #	OTHER	TOT OUT
01	VBLKDK	109	104	100	102	97	101		0
02	SYSB03-W-33797	112	104	105	130	106	106		1
03	SYSB07-W-33882	112	106	113	122	104	104		1
04	SYSB04-W-33910	111	106	103	114	99	103		1
05	SYQCQA-W-33913	110	106	101	104	100	103		1
06	VHBLK01	115	111	106	107	104	110		1

			QC LIMITS
VDMC8	(DPA)	= 1,2-Dichloropropane-d6	(79-124)
VDMC9	(TOL)	= Toluene-d8	(77-121)
VDMC10	(TDP)	= trans-1,3-Dichloropropene-d4	(73-121)
VDMC11	(HEX)	= 2-Hexanone-d5	(28-135)
VDMC12	(TCA)	= 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC13	(DCZ)	= 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKDK

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Lab File ID: DIX11.D Lab Sample ID: MB 200-42073/10

Instrument ID: D.i

Matrix: (SOIL/SED/WATER) Water Date Analyzed: 07/18/2012

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 1745

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SYSB03-W-337 97	200-11730-1	DIX12.D	1809
02	SYSB07-W-338 82	200-11730-2	DIX13.D	1834
03	SYSB04-W-339 10	200-11730-3	DIX14.D	1858
04	SYQCQA-W-339 13	200-11730-4	DIX15.D	1922
05	VHBLK01	200-11730-5	DIX16.D	1946

COMMENTS:

5A - FORM V VOA
VOLATILE ORGANICS INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.

BFBDK

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Lab File Id: DIX01.D BFB Injection Date: 07/18/2012

Instrument Id: D.i BFB Injection Time: 1355

GC Column: DB-624 ID: 0.20 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.5
75	30.0 - 80.0% of mass 95	51.4
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.9)1
174	50.0 - 120% of mass 95	65.3
175	5.0 - 9.0% of mass 174	4.6 (7.1)1
176	95.0 - 101% of mass 174	63.3 (97.0)1
177	5.0 - 9.0% of mass 176	4.2 (6.6)2

1 - Value is %mass 174 2 - Value is %mass 176

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0.5DK	IC 200-42073/3	DIX04.D	07/18/2012	1456
02	VSTD001DK	IC 200-42073/4	DIX05.D	07/18/2012	1520
03	VSTD005DK	ICIS 200-42073/5	DIX06.D	07/18/2012	1544
04	VSTD010DK	IC 200-42073/6	DIX07.D	07/18/2012	1608
05	VSTD020DK	IC 200-42073/7	DIX08.D	07/18/2012	1632
06	VBLKDK	MB 200-42073/10	DIX11.D	07/18/2012	1745
07	SYSB03-W-3 3797	200-11730-1	DIX12.D	07/18/2012	1809
08	SYSB07-W-3 3882	200-11730-2	DIX13.D	07/18/2012	1834
09	SYSB04-W-3 3910	200-11730-3	DIX14.D	07/18/2012	1858
10	SYQCQA-W-3 3913	200-11730-4	DIX15.D	07/18/2012	1922
11	VHBLK01	200-11730-5	DIX16.D	07/18/2012	1946
12	VSTD005KD	CCVC 200-42073/16	DIX17.D	07/18/2012	2010

8A - FORM VIII VOA
VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

GC Column: DB-624 ID: 0.20 (mm) Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD#####): VSTD005DK Date Analyzed: 07/18/2012

Lab File ID (Standard): DIX06.D Time Analyzed: 1544

Instrument ID: D.i Heated Purge: (Y/N) N

		IS1 (CBZ) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	854195	9.68	1107467	6.31	341327	12.48
	UPPER LIMIT	1195873	10.01	1550454	6.64	477858	12.81
	LOWER LIMIT	512517	9.35	664480	5.98	204796	12.15
	EPA SAMPLE NO.						
01	VBLKDK	951058	9.67	1267783	6.31	362620	12.48
02	SYSB03-W-33797	952074	9.67	1253253	6.31	371602	12.47
03	SYSB07-W-33882	941365	9.67	1238947	6.31	370989	12.47
04	SYSB04-W-33910	937831	9.67	1273298	6.31	358775	12.48
05	SYQCQA-W-33913	900551	9.67	1202947	6.31	339757	12.47
06	VHBLK01	884029	9.67	1169328	6.31	327117	12.47

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = + 0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = - 0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYQCQA-W-33913

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-4

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX15.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.55	U
74-87-3	Chloromethane	0.55	U
75-01-4	Vinyl chloride	0.55	U
74-83-9	Bromomethane	0.063	J B
75-00-3	Chloroethane	0.55	U
75-69-4	Trichlorofluoromethane	0.55	U
75-35-4	1,1-Dichloroethene	0.55	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.55	U
67-64-1	Acetone	7.0	
75-15-0	Carbon disulfide	0.098	J B
79-20-9	Methyl acetate	0.55	U
75-09-2	Methylene Chloride	0.16	J B
156-60-5	trans-1,2-Dichloroethene	0.55	U
1634-04-4	Methyl tert-butyl ether	0.55	U
75-34-3	1,1-Dichloroethane	0.55	U
156-59-2	cis-1,2-Dichloroethene	0.55	U
78-93-3	2-Butanone	5.5	U
74-97-5	Bromochloromethane	0.55	U
67-66-3	Chloroform	0.55	U
71-55-6	1,1,1-Trichloroethane	0.55	U
110-82-7	Cyclohexane	0.55	U
56-23-5	Carbon tetrachloride	0.019	J B
71-43-2	Benzene	0.074	J
107-06-2	1,2-Dichloroethane	0.55	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYQCQA-W-33913

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302
Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730
Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-4
Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX15.D
Level: (TRACE/LOW/MED) TRACE Date Received: 07/13/2012
% Moisture: not dec. Date Analyzed: 07/18/2012
GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.55	U
108-87-2	Methylcyclohexane	0.55	U
78-87-5	1,2-Dichloropropane	0.55	U
75-27-4	Bromodichloromethane	0.55	U
10061-01-5	cis-1,3-Dichloropropene	0.55	U
108-10-1	4-Methyl-2-pentanone	5.5	U
108-88-3	Toluene	1.1	B
10061-02-6	trans-1,3-Dichloropropene	0.55	U
79-00-5	1,1,2-Trichloroethane	0.55	U
127-18-4	Tetrachloroethene	0.047	J
591-78-6	2-Hexanone	5.5	U
124-48-1	Dibromochloromethane	0.55	U
106-93-4	1,2-Dibromoethane	0.55	U
108-90-7	Chlorobenzene	0.55	U
100-41-4	Ethylbenzene	0.16	J B
95-47-6	o-Xylene	0.22	J
179601-23-1	m,p-Xylene	0.62	B
100-42-5	Styrene	1.7	
75-25-2	Bromoform	0.55	U
98-82-8	Isopropylbenzene	0.020	J
79-34-5	1,1,2,2-Tetrachloroethane	0.55	U
541-73-1	1,3-Dichlorobenzene	0.55	U
106-46-7	1,4-Dichlorobenzene	0.55	U
95-50-1	1,2-Dichlorobenzene	0.55	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U
120-82-1	1,2,4-Trichlorobenzene	0.55	U
87-61-6	1,2,3-Trichlorobenzene	0.55	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYQCQA-W-33913

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-4

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX15.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	7.63	3.0	B X J
02	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB03-W-33797

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX12.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.55	U
74-87-3	Chloromethane	0.84	
75-01-4	Vinyl chloride	0.55	U
74-83-9	Bromomethane	0.054	J B
75-00-3	Chloroethane	0.55	U
75-69-4	Trichlorofluoromethane	0.55	U
75-35-4	1,1-Dichloroethene	0.55	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.55	U
67-64-1	Acetone	5.1	J
75-15-0	Carbon disulfide	0.12	J B
79-20-9	Methyl acetate	0.55	U
75-09-2	Methylene Chloride	0.16	J B
156-60-5	trans-1,2-Dichloroethene	0.024	J B
1634-04-4	Methyl tert-butyl ether	0.55	U
75-34-3	1,1-Dichloroethane	0.55	U
156-59-2	cis-1,2-Dichloroethene	0.55	U
78-93-3	2-Butanone	1.3	J
74-97-5	Bromochloromethane	0.55	U
67-66-3	Chloroform	1.4	
71-55-6	1,1,1-Trichloroethane	0.55	U
110-82-7	Cyclohexane	0.55	U
56-23-5	Carbon tetrachloride	0.15	J B
71-43-2	Benzene	0.090	J
107-06-2	1,2-Dichloroethane	0.55	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB03-W-33797

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX12.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.55	U
108-87-2	Methylcyclohexane	0.55	U
78-87-5	1,2-Dichloropropane	0.55	U
75-27-4	Bromodichloromethane	0.55	U
10061-01-5	cis-1,3-Dichloropropene	0.55	U
108-10-1	4-Methyl-2-pentanone	5.5	U
108-88-3	Toluene	0.11	J B
10061-02-6	trans-1,3-Dichloropropene	0.55	U
79-00-5	1,1,2-Trichloroethane	0.55	U
127-18-4	Tetrachloroethene	0.55	U
591-78-6	2-Hexanone	5.5	U
124-48-1	Dibromochloromethane	0.55	U
106-93-4	1,2-Dibromoethane	0.55	U
108-90-7	Chlorobenzene	0.55	U
100-41-4	Ethylbenzene	0.025	J B
95-47-6	o-Xylene	0.017	J
179601-23-1	m,p-Xylene	0.040	J B
100-42-5	Styrene	0.016	J
75-25-2	Bromoform	0.55	U
98-82-8	Isopropylbenzene	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.55	U
541-73-1	1,3-Dichlorobenzene	0.55	U
106-46-7	1,4-Dichlorobenzene	0.55	U
95-50-1	1,2-Dichlorobenzene	0.55	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U
120-82-1	1,2,4-Trichlorobenzene	0.55	U
87-61-6	1,2,3-Trichlorobenzene	0.55	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYSB03-W-33797

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX12.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	115-07-1	Propene	1.67	6.2	J N
02	627-20-3	2-Pentene, (Z)-	2.67	1.1	J N
03		Unknown	7.63	3.1	B X J
04		Unknown	12.73	1.5	J
05	E966796 [1]	Total Alkanes	N/A	0.67	J

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB04-W-33910

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302
Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730
Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-3
Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX14.D
Level: (TRACE/LOW/MED) TRACE Date Received: 07/13/2012
% Moisture: not dec. Date Analyzed: 07/18/2012
GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.55	U
74-87-3	Chloromethane	0.55	U
75-01-4	Vinyl chloride	0.55	U
74-83-9	Bromomethane	0.094	J B
75-00-3	Chloroethane	0.55	U
75-69-4	Trichlorofluoromethane	0.55	U
75-35-4	1,1-Dichloroethene	0.55	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.55	U
67-64-1	Acetone	9.9	
75-15-0	Carbon disulfide	0.15	J B
79-20-9	Methyl acetate	0.55	U
75-09-2	Methylene Chloride	0.14	J B
156-60-5	trans-1,2-Dichloroethene	0.55	U
1634-04-4	Methyl tert-butyl ether	0.55	U
75-34-3	1,1-Dichloroethane	0.55	U
156-59-2	cis-1,2-Dichloroethene	0.55	U
78-93-3	2-Butanone	2.3	J
74-97-5	Bromochloromethane	0.55	U
67-66-3	Chloroform	0.29	J
71-55-6	1,1,1-Trichloroethane	0.55	U
110-82-7	Cyclohexane	0.55	U
56-23-5	Carbon tetrachloride	0.42	J B
71-43-2	Benzene	0.084	J
107-06-2	1,2-Dichloroethane	0.55	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB04-W-33910

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-3

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX14.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.55	U
108-87-2	Methylcyclohexane	0.55	U
78-87-5	1,2-Dichloropropane	0.55	U
75-27-4	Bromodichloromethane	0.55	U
10061-01-5	cis-1,3-Dichloropropene	0.55	U
108-10-1	4-Methyl-2-pentanone	0.58	J
108-88-3	Toluene	0.091	J B
10061-02-6	trans-1,3-Dichloropropene	0.55	U
79-00-5	1,1,2-Trichloroethane	0.55	U
127-18-4	Tetrachloroethene	0.55	U
591-78-6	2-Hexanone	0.89	J
124-48-1	Dibromochloromethane	0.55	U
106-93-4	1,2-Dibromoethane	0.55	U
108-90-7	Chlorobenzene	0.55	U
100-41-4	Ethylbenzene	0.024	J B
95-47-6	o-Xylene	0.020	J
179601-23-1	m,p-Xylene	0.046	J B
100-42-5	Styrene	0.024	J
75-25-2	Bromoform	0.55	U
98-82-8	Isopropylbenzene	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.55	U
541-73-1	1,3-Dichlorobenzene	0.55	U
106-46-7	1,4-Dichlorobenzene	0.55	U
95-50-1	1,2-Dichlorobenzene	0.55	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U
120-82-1	1,2,4-Trichlorobenzene	0.55	U
87-61-6	1,2,3-Trichlorobenzene	0.55	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYSB04-W-33910

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-3

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX14.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	115-07-1	Propene	1.67	2.9	J N
02		Unknown	7.63	3.0	B X J
03		Unknown	12.73	0.72	J
04	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB07-W-33882

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-2

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX13.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.55	U
74-87-3	Chloromethane	0.55	U
75-01-4	Vinyl chloride	0.55	U
74-83-9	Bromomethane	0.078	J B
75-00-3	Chloroethane	0.55	U
75-69-4	Trichlorofluoromethane	0.55	U
75-35-4	1,1-Dichloroethene	0.55	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.55	U
67-64-1	Acetone	4.4	J
75-15-0	Carbon disulfide	0.11	J B
79-20-9	Methyl acetate	0.55	U
75-09-2	Methylene Chloride	0.19	J B
156-60-5	trans-1,2-Dichloroethene	0.55	U
1634-04-4	Methyl tert-butyl ether	0.55	U
75-34-3	1,1-Dichloroethane	0.55	U
156-59-2	cis-1,2-Dichloroethene	0.55	U
78-93-3	2-Butanone	1.8	J
74-97-5	Bromochloromethane	0.55	U
67-66-3	Chloroform	17	
71-55-6	1,1,1-Trichloroethane	0.55	U
110-82-7	Cyclohexane	0.55	U
56-23-5	Carbon tetrachloride	9.2	B
71-43-2	Benzene	0.51	J
107-06-2	1,2-Dichloroethane	0.55	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB07-W-33882

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-2

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX13.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.55	U
108-87-2	Methylcyclohexane	0.55	U
78-87-5	1,2-Dichloropropane	0.55	U
75-27-4	Bromodichloromethane	0.55	U
10061-01-5	cis-1,3-Dichloropropene	0.55	U
108-10-1	4-Methyl-2-pentanone	5.5	U
108-88-3	Toluene	0.36	J B
10061-02-6	trans-1,3-Dichloropropene	0.55	U
79-00-5	1,1,2-Trichloroethane	0.55	U
127-18-4	Tetrachloroethene	0.55	U
591-78-6	2-Hexanone	0.82	J
124-48-1	Dibromochloromethane	0.55	U
106-93-4	1,2-Dibromoethane	0.55	U
108-90-7	Chlorobenzene	0.55	U
100-41-4	Ethylbenzene	0.072	J B
95-47-6	o-Xylene	0.062	J
179601-23-1	m,p-Xylene	0.080	J B
100-42-5	Styrene	0.057	J
75-25-2	Bromoform	0.55	U
98-82-8	Isopropylbenzene	0.021	J
79-34-5	1,1,2,2-Tetrachloroethane	0.55	U
541-73-1	1,3-Dichlorobenzene	0.55	U
106-46-7	1,4-Dichlorobenzene	0.55	U
95-50-1	1,2-Dichlorobenzene	0.55	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U
120-82-1	1,2,4-Trichlorobenzene	0.55	U
87-61-6	1,2,3-Trichlorobenzene	0.55	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYSB07-W-33882

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-2

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX13.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/13/2012

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	115-07-1	Propene	1.67	4.5	J N
02		Unknown	2.67	1.1	J
03		Unknown	7.63	3.2	B X J
04	3404-75-9	2-Heptene, 3-methyl-	8.46	1.2	J N
05	111-71-7	Heptanal	10.73	0.95	J N
06	123-05-7	Hexanal, 2-ethyl-	11.57	1.3	J N
07	111-13-7	2-Octanone	12.20	0.61	J N
08		Unknown	12.73	1.1	J
09	E966796 [1]	Total Alkanes	N/A	4.2	J

[1] EPA-designated Registry Number.

6A - FORM VI VOA-1
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Instrument ID: D.i Calibration Date(s): 07/18/2012 07/18/2012

Heated Purge: (Y/N) N Calibration Time(s): 1456 1632

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

LAB FILE ID: RRF0.5 = DIX04.D RRF1.0 = DIX05.D

RRF5.0 = DIX06.D RRF10 = DIX07.D RRF20 = DIX08.D

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
Dichlorodifluoromethane	0.103	0.101	0.107	0.107	0.100	0.103	2.9
Chloromethane	0.194	0.181	0.180	0.182	0.168	0.181	5.1
Vinyl chloride	0.229	0.229	0.235	0.235	0.221	0.230	2.4
Bromomethane	0.207	0.191	0.194	0.182	0.176	0.190	6.2
Chloroethane	0.212	0.198	0.195	0.193	0.180	0.196	5.9
Trichlorofluoromethane	0.478	0.478	0.505	0.506	0.477	0.489	3.1
1,1-Dichloroethene	0.283	0.259	0.262	0.300	0.294	0.280	6.6
1,1,2-Trichloro-1,2,2-trifluoroethane	0.332	0.296	0.302	0.338	0.329	0.319	6.0
Acetone	0.021	0.018	0.017	0.018	0.017	0.018	8.6
Carbon disulfide	0.744	0.634	0.609	0.613	0.592	0.638	9.5
Methyl acetate	0.040	0.040	0.038	0.040	0.038	0.039	2.6
Methylene Chloride	0.249	0.230	0.225	0.228	0.217	0.230	5.3
trans-1,2-Dichloroethene	0.286	0.279	0.296	0.304	0.294	0.292	3.3
Methyl tert-butyl ether	0.251	0.260	0.291	0.313	0.311	0.285	10.0
1,1-Dichloroethane	0.467	0.468	0.502	0.509	0.491	0.487	3.9
cis-1,2-Dichloroethene	0.286	0.277	0.301	0.308	0.299	0.294	4.2
2-Butanone	0.023	0.023	0.025	0.027	0.026	0.025	6.7
Bromochloromethane	0.078	0.077	0.081	0.085	0.082	0.081	4.2
Chloroform	0.476	0.481	0.508	0.523	0.507	0.499	3.9
1,1,1-Trichloroethane	0.516	0.541	0.609	0.624	0.604	0.579	8.1
Cyclohexane	0.589	0.612	0.674	0.670	0.634	0.636	5.8
Carbon tetrachloride	0.417	0.439	0.509	0.528	0.515	0.482	10.4
Benzene	1.595	1.602	1.694	1.708	1.645	1.649	3.1
1,2-Dichloroethane	0.228	0.225	0.240	0.249	0.242	0.237	4.3
Trichloroethene	0.422	0.415	0.439	0.443	0.424	0.429	2.8
Methylcyclohexane	0.547	0.556	0.610	0.602	0.579	0.579	4.7

Report 1,4-Dioxane for Low-Medium VOA analysis only

6B - FORM VI VOA-2
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Instrument ID: D.i Calibration Date(s): 07/18/2012 07/18/2012

Heated Purge: (Y/N) N Calibration Time(s): 1456 1632

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

LAB FILE ID: RRF0.5 = DIX04.D RRF1.0 = DIX05.D

RRF5.0 = DIX06.D RRF10 = DIX07.D RRF20 = DIX08.D

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
1,2-Dichloropropane	0.302	0.307	0.324	0.335	0.320	0.318	4.2
Bromodichloromethane	0.295	0.305	0.348	0.365	0.354	0.334	9.4
cis-1,3-Dichloropropene	0.336	0.363	0.438	0.462	0.449	0.410	13.7
4-Methyl-2-pentanone	0.061	0.067	0.077	0.080	0.076	0.072	10.9
Toluene	1.766	1.834	1.943	1.995	1.920	1.891	4.8
trans-1,3-Dichloropropene	0.212	0.232	0.301	0.328	0.324	0.279	19.3
1,1,2-Trichloroethane	0.145	0.150	0.155	0.161	0.153	0.153	3.8
Tetrachloroethene	0.293	0.295	0.321	0.323	0.317	0.310	4.7
2-Hexanone	0.042	0.045	0.052	0.055	0.052	0.049	10.8
Dibromochloromethane	0.123	0.129	0.155	0.171	0.170	0.150	15.1
1,2-Dibromoethane	0.123	0.121	0.132	0.140	0.134	0.130	6.2
Chlorobenzene	1.027	1.004	1.045	1.069	1.043	1.038	2.3
Ethylbenzene	1.992	2.036	2.237	2.286	2.244	2.159	6.2
o-Xylene	0.658	0.684	0.771	0.803	0.812	0.745	9.5
m,p-Xylene	0.737	0.763	0.844	0.874	0.863	0.816	7.6
Styrene	0.918	0.985	1.159	1.233	1.249	1.109	13.5
Bromoform	0.097	0.107	0.129	0.147	0.150	0.126	18.8
Isopropylbenzene	1.866	1.952	2.231	2.290	2.291	2.126	9.5
1,1,2,2-Tetrachloroethane	0.119	0.123	0.134	0.140	0.134	0.130	6.6
1,3-Dichlorobenzene	1.586	1.584	1.676	1.728	1.690	1.653	3.9
1,4-Dichlorobenzene	1.637	1.600	1.632	1.680	1.619	1.634	1.8
1,2-Dichlorobenzene	1.215	1.220	1.299	1.352	1.314	1.280	4.7
1,2-Dibromo-3-Chloropropane	0.033	0.035	0.038	0.042	0.041	0.038	9.5
1,2,4-Trichlorobenzene	0.620	0.623	0.684	0.731	0.716	0.675	7.6
1,2,3-Trichlorobenzene	0.416	0.415	0.447	0.487	0.458	0.444	6.8

6C - FORM VI VOA-3
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Instrument ID: D.i Calibration Date(s): 07/18/2012 07/18/2012

Heated Purge: (Y/N) N Calibration Time(s): 1456 1632

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

LAB FILE ID: RRF0.5 = DIX04.D RRF1.0 = DIX05.D

RRF5.0 = DIX06.D RRF10 = DIX07.D RRF20 = DIX08.D

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
Vinyl Chloride-d3	0.173	0.170	0.174	0.173	0.163	0.171	2.6
Chloroethane-d5	0.213	0.211	0.216	0.213	0.198	0.210	3.4
1,1-Dichloroethene-d2	0.560	0.543	0.545	0.584	0.553	0.557	3.0
2-Butanone-d5	0.021	0.022	0.024	0.025	0.023	0.023	6.7
Chloroform-d	0.485	0.492	0.528	0.541	0.525	0.514	4.8
1,2-Dichloroethane-d4	0.175	0.172	0.185	0.192	0.183	0.181	4.4
Benzene-d6	1.517	1.541	1.618	1.632	1.573	1.576	3.1
1,2-Dichloropropane-d6	0.335	0.339	0.362	0.368	0.348	0.351	4.1
Toluene-d8	1.497	1.554	1.652	1.692	1.646	1.608	5.0
trans-1,3-Dichloropropene-d4	0.200	0.205	0.261	0.288	0.287	0.248	17.3
2-Hexanone-d5	0.021	0.023	0.029	0.031	0.031	0.027	17.9
1,1,2,2-Tetrachloroethane-d2	0.124	0.124	0.135	0.140	0.137	0.132	5.8
1,2-Dichlorobenzene-d4	0.761	0.753	0.787	0.819	0.793	0.783	3.4

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Instrument ID: D.i Calibration Date: 07/18/2012 Time: 2010

Lab File Id: DIX17.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005KD Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.103	0.107	0.010	3.5	50.0
Chloromethane	0.181	0.190	0.010	5.0	50.0
Vinyl chloride	0.230	0.240	0.100	4.5	50.0
Bromomethane	0.190	0.192	0.100	1.2	50.0
Chloroethane	0.196	0.202	0.010	3.2	50.0
Trichlorofluoromethane	0.489	0.510	0.010	4.3	50.0
1,1-Dichloroethene	0.280	0.271	0.100	-3.3	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.319	0.298	0.010	-6.7	50.0
Acetone	0.018	0.017	0.010	-5.2	50.0
Carbon disulfide	0.638	0.600	0.010	-6.1	50.0
Methyl acetate	0.039	0.038	0.010	-2.8	50.0
Methylene Chloride	0.230	0.232	0.010	1.0	50.0
trans-1,2-Dichloroethene	0.292	0.305	0.010	4.5	50.0
Methyl tert-butyl ether	0.285	0.303	0.010	6.2	50.0
1,1-Dichloroethane	0.487	0.521	0.200	6.9	50.0
cis-1,2-Dichloroethene	0.294	0.309	0.010	5.1	50.0
2-Butanone	0.025	0.026	0.010	4.5	50.0
Bromochloromethane	0.081	0.084	0.050	4.1	50.0
Chloroform	0.499	0.529	0.200	6.1	50.0
1,1,1-Trichloroethane	0.579	0.639	0.100	10.4	50.0
Cyclohexane	0.636	0.687	0.010	8.0	50.0
Carbon tetrachloride	0.482	0.532	0.100	10.5	50.0
Benzene	1.649	1.768	0.400	7.2	50.0
1,2-Dichloroethane	0.237	0.247	0.100	4.3	50.0
Trichloroethene	0.429	0.458	0.300	6.9	50.0
Methylcyclohexane	0.579	0.597	0.010	3.2	50.0

Report 1,4-Dioxane for Low/Medium VOA analysis only

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Instrument ID: D.i Calibration Date: 07/18/2012 Time: 2010

Lab File Id: DIX17.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005KD Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.318	0.341	0.010	7.4	50.0
Bromodichloromethane	0.334	0.360	0.200	7.8	50.0
cis-1,3-Dichloropropene	0.410	0.452	0.200	10.2	50.0
4-Methyl-2-pentanone	0.072	0.080	0.010	10.0	50.0
Toluene	1.891	2.029	0.400	7.3	50.0
trans-1,3-Dichloropropene	0.279	0.310	0.100	11.1	50.0
1,1,2-Trichloroethane	0.153	0.162	0.100	5.8	50.0
Tetrachloroethene	0.310	0.319	0.100	3.0	50.0
2-Hexanone	0.049	0.054	0.010	10.1	50.0
Dibromochloromethane	0.150	0.162	0.100	8.5	50.0
1,2-Dibromoethane	0.130	0.137	0.010	5.7	50.0
Chlorobenzene	1.038	1.078	0.500	3.9	50.0
Ethylbenzene	2.159	2.304	0.100	6.7	50.0
o-Xylene	0.745	0.797	0.300	6.9	50.0
m,p-Xylene	0.816	0.869	0.300	6.5	50.0
Styrene	1.109	1.193	0.300	7.6	50.0
Bromoform	0.126	0.136	0.050	8.2	50.0
Isopropylbenzene	2.126	2.282	0.010	7.3	50.0
1,1,2,2-Tetrachloroethane	0.130	0.138	0.100	6.1	50.0
1,3-Dichlorobenzene	1.653	1.715	0.400	3.8	50.0
1,4-Dichlorobenzene	1.634	1.664	0.400	1.9	50.0
1,2-Dichlorobenzene	1.280	1.340	0.400	4.7	50.0
1,2-Dibromo-3-Chloropropane	0.038	0.041	0.010	8.7	50.0
1,2,4-Trichlorobenzene	0.675	0.660	0.200	-2.2	50.0
1,2,3-Trichlorobenzene	0.444	0.436	0.200	-1.9	50.0

7C - FORM VII VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Instrument ID: D.i Calibration Date: 07/18/2012 Time: 2010

Lab File Id: DIX17.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005KD Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.171	0.179	0.010	4.4	50.0
Chloroethane-d5	0.210	0.222	0.010	5.6	50.0
1,1-Dichloroethene-d2	0.557	0.565	0.010	1.4	50.0
2-Butanone-d5	0.023	0.025	0.010	8.5	50.0
Chloroform-d	0.514	0.548	0.010	6.5	50.0
1,2-Dichloroethane-d4	0.181	0.192	0.010	5.9	50.0
Benzene-d6	1.576	1.703	0.010	8.0	50.0
1,2-Dichloropropane-d6	0.351	0.381	0.010	8.6	50.0
Toluene-d8	1.608	1.722	0.010	7.1	50.0
trans-1,3-Dichloropropene-d4	0.248	0.272	0.010	9.6	50.0
2-Hexanone-d5	0.027	0.030	0.010	12.2	50.0
1,1,2,2-Tetrachloroethane-d2	0.132	0.141	0.010	6.6	50.0
1,2-Dichlorobenzene-d4	0.783	0.821	0.010	5.0	50.0

Report 1,4-Dioxane-d8 for Low/Medium VOA analysis only

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKDK

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: MB 200-42073/10

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX11.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.060	J
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.12	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene Chloride	0.12	J
156-60-5	trans-1,2-Dichloroethene	0.027	J
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.018	J
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.018	J
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKDK

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: MB 200-42073/10

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX11.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.0059	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.0043	J
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.0077	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKDK

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: MB 200-42073/10

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX11.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	7.63	2.7	J X
02	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-5

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX16.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.55	U
74-87-3	Chloromethane	0.11	J
75-01-4	Vinyl chloride	0.55	U
74-83-9	Bromomethane	0.038	J B
75-00-3	Chloroethane	0.55	U
75-69-4	Trichlorofluoromethane	0.55	U
75-35-4	1,1-Dichloroethene	0.55	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.55	U
67-64-1	Acetone	1.2	J
75-15-0	Carbon disulfide	0.082	J B
79-20-9	Methyl acetate	0.55	U
75-09-2	Methylene Chloride	0.12	J B
156-60-5	trans-1,2-Dichloroethene	0.55	U
1634-04-4	Methyl tert-butyl ether	0.55	U
75-34-3	1,1-Dichloroethane	0.55	U
156-59-2	cis-1,2-Dichloroethene	0.55	U
78-93-3	2-Butanone	5.5	U
74-97-5	Bromochloromethane	0.55	U
67-66-3	Chloroform	0.55	U
71-55-6	1,1,1-Trichloroethane	0.55	U
110-82-7	Cyclohexane	0.55	U
56-23-5	Carbon tetrachloride	0.019	J B
71-43-2	Benzene	0.55	U
107-06-2	1,2-Dichloroethane	0.55	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK01

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-5

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX16.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.55	U
108-87-2	Methylcyclohexane	0.55	U
78-87-5	1,2-Dichloropropane	0.55	U
75-27-4	Bromodichloromethane	0.55	U
10061-01-5	cis-1,3-Dichloropropene	0.55	U
108-10-1	4-Methyl-2-pentanone	5.5	U
108-88-3	Toluene	0.0095	J B
10061-02-6	trans-1,3-Dichloropropene	0.55	U
79-00-5	1,1,2-Trichloroethane	0.55	U
127-18-4	Tetrachloroethene	0.55	U
591-78-6	2-Hexanone	5.5	U
124-48-1	Dibromochloromethane	0.55	U
106-93-4	1,2-Dibromoethane	0.55	U
108-90-7	Chlorobenzene	0.55	U
100-41-4	Ethylbenzene	0.55	U
95-47-6	o-Xylene	0.55	U
179601-23-1	m,p-Xylene	0.011	J B
100-42-5	Styrene	0.55	U
75-25-2	Bromoform	0.55	U
98-82-8	Isopropylbenzene	0.55	U
79-34-5	1,1,2,2-Tetrachloroethane	0.55	U
541-73-1	1,3-Dichlorobenzene	0.55	U
106-46-7	1,4-Dichlorobenzene	0.55	U
95-50-1	1,2-Dichlorobenzene	0.55	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.55	U
120-82-1	1,2,4-Trichlorobenzene	0.55	U
87-61-6	1,2,3-Trichlorobenzene	0.55	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLK01

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11730

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11730-5

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIX16.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/18/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.1

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	7.63	3.1	B X J
02	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

ANALYTICAL REPORT

Job Number: 200-11830-1

SDG Number: 200-11830

Job Description: Sylvan Grove (200-11830)

Contract Number: 1E-30401

For:
Argonne National Laboratory
9700 South Cass Avenue
Building 203
Office B-149
Argonne, IL 60439

Attention: Mr. Clyde Dennis

Approved for release.
Kirk F Young
Project Manager I
8/6/2012 10:52 AM

Kirk F Young
Project Manager I
kirk.young@testamericainc.com
08/06/2012

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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CASE NARRATIVE

Client: Argonne National Laboratory

Project: Sylvan Grove (200-11830)

Report Number: 200-11830-1

Enclosed is the data set for the referenced project work. With the exceptions noted as flags or footnotes, standard analytical protocols were followed in performing the analytical work and the applied control limits were met.

Calculations were performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

Receipt

The samples were received on 07/19/2012. Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Shipping Documentation section of this submittal. The samples, as received, were not acid preserved. On that basis, the laboratory did provide for the analysis of the samples within seven days of sample collection.

SOM01.2 Volatile Organics (Trace Level Water)

A storage blank was prepared for volatile organics analysis, and stored in association with the storage of the samples. That storage blank, identified as VHBLK1, was carried through the holding period with the samples, and analyzed.

Samples SYSB11-W-33928 and SYSB12-W-33931 were analyzed at a 1.5-fold dilution due to constraints in sample volume. Each of the analyses associated with the sample set exhibited an acceptable internal standard performance. There was an acceptable recovery of each deuterated monitoring compound (DMC) in the analysis of the method blank associated with the analytical work, and in the analysis of the storage blank associated with the sample set. The analysis of the samples in this sample set did meet the technical acceptance criteria specific to DMC recoveries, although not all DMC recoveries were within the control range in each analysis. The technical acceptance criteria does provide for the recovery of up to three DMCs to fall outside of the control range in the analysis of field samples. Matrix spike and matrix spike duplicate analyses were not performed on samples in this sample set. Trace concentrations of carbon disulfide, methylene chloride, and carbon tetrachloride were identified in the analysis of the method blank associated with the analytical work. The concentration of each target analyte in that analysis was below the established reporting limit, and the analysis did meet the technical acceptance criteria for a compliant method blank analysis. Trace concentrations of chloromethane, acetone, methylene chloride, and carbon tetrachloride were identified in the analysis of the storage blank associated with the sample set. The concentration of each target analyte in that analysis was below the established reporting limit, and the analysis did meet the technical acceptance criteria for a compliant storage blank analysis. Present in the method blank and storage blank analyses was a non-target constituent that represents a compound that is related to the DMC formulation. The fact that the presence of this compound is not within the laboratory's control is at issue. The

derived results for that compound have been qualified with an "X" qualifier to reflect the source of the contamination.

The responses for each of the target analytes met the relative standard deviation criterion in the initial calibration. The response for each target analyte met the percent difference criterion in the opening/continuing calibration check acquisition. The response for each target analyte met the 50.0 percent difference criterion in the closing calibration check acquisition.

The primary quantitation mass for methylcyclohexane that is specified in the Statement of Work is mass 83. The laboratory did identify a contribution to mass 83 from 1,2-dichloropropane-d_6, one of the deuterated monitoring compounds (DMCs). The laboratory did change the primary quantitation mass assignment to mass 55 for the quantification of methylcyclohexane.

Manual integration was employed in deriving certain of the analytical results. The values that have been derived from manual integration are qualified on the quantitation reports. Extracted ion current profiles for each manual integration are included in the data package, and further documented at the end of this submittal.

DATA REPORTING QUALIFIERS

Client: Argonne National Laboratory

Job Number: 200-11830-1
Sdg Number: 200-11830

Lab Section	Qualifier	Description
GC/MS VOA		
	U	Analyzed for but not detected.
	J	Indicates an Estimated Value for TICs
	J	Indicates an estimated value.
	X	See case narrative notes for explanation of the 'X' flag
	*	Surrogate exceeds the control limit
	B	The analyte was found in an associated blank, as well as in the sample.
	N	This flag indicates the presumptive evidence of a compound.

Argonne NATIONAL LABORATORY

6730

MATRIX: WATER

RECEIVING LAB: TEST AMERICA

PROJECT/SITE: SYLVAN GROVE, KS

SAMPLER(S) (Signature)

ARGONNE NATIONAL LABORATORY CHAIN OF CUSTODY RECORD*

Shipping Container:

Shipping Info:

Field Contact (Name & Temporary Phone):

DATE OF COLLECTION	SAMPLE ID NUMBER(S)	Number of containers	ANALYSIS: VOCs									REMARKS
7 - 13 - 12	SYSB11-W-33928	2	2									2-40mL for VOCs to TA
7 - 14 - 12	SYSB12-W-33931	2	2									2-40mL for VOCs to TA
7 - 18 - 12	SYMW11-W-33949	2	2									2-40mL for VOCs to TA
7 - 18 - 12	SYMW12-W-33950	2	2									2-40mL for VOCs to TA
7 - 18 - 12	SYQCQA-W-33952	2	2									2-40mL for VOCs to TA

Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received by (Signature)
	7/18/12	18:00	THOMAS 1025 7/19/12				

Relinquished by (Signature)	Date	Time	Received by (Signature)	Date	Time	Remarks

Y	N	FOR LAB USE ONLY
		Custody seal was intact when shipment received.
		Sample containers were intact when received.
		Shipment was at required temperature when received.
		Sample labels, Tags and COC agree.

*A sample is under custody if:

1. It is in your possession; or,
2. It is in your view, after having been in your possession; or,
3. It was in your possession and you locked it up; or,
4. It is in a designated secure area.

Argonne National Laboratory, Applied Geosciences & Environmental Mgt. Group, Environmental Science Division, 9700 S. Cass Avenue, Argonne, IL 60439

EVS-160 (6-07)

TestAmerica Burlington

INTERNAL CHAIN OF CUSTODY LOG (ICOC)

Project Information:

Log In #: 200-11830	**Method:** SOM01.2_VOL_TR
Client: ARGONNE	**LAB IDs:** 200-11830-1 THROUGH 6

Samples associated with this log-in were placed into storage on 7/19/2012 (Date) 12:27 (Time[2]) **by:** [signature] *Sample Custodian Signature*

Storage Location: VA11 *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: ☒ Refrigeration ☐ Frozen Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer	Transfer	Purpose of Transfer			Relinquished	Received	Storage Location
Original	Prepared[1]		Date	Time[2]	Prep	Analysis	Storage	By:	By:	Prepared Sample[1]
✓		200-11830-1-5	7/19/12	1331		✓		[signature]	[signature]	screen
✓		" "	7/19/12	1345			✓	[signature]	[signature]	Storage
✓		11830-1-6	7/20/12	0900		✓		[signature]	[signature]	Analysis
✓		" "	7/20/12	1000			✓	[signature]	[signature]	Storage

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

Shipping and Receiving Documents

FedEx Express **NEW Package US Airbill**

FedEx Tracking Number 8758 1534 0382

0200 Form ID No.

FedEx Retrieval Copy

1 From

Date 7.16.2012 Sender's FedEx Account Number 060403520

Sender's Name [illegible] Phone 401 416-7205

Company [illegible]

Address [illegible] Dept./Floor/Suite/Room

City [illegible] State IL ZIP 60439

2 Your Internal Billing Reference 8A727-N3-167

3 To

Recipient's Name Kirk Young Phone 202 660-1990

Company Test America

Address 30 Community Dr. Ste. 11 Dept./Floor/Suite/Room

We cannot deliver to P.O. boxes or P.O. ZIP codes.

Address

Use this line for the HOLD location address or for continuation of your shipping address.

City South Burlington State VT ZIP 05403

01 ☐ HOLD Weekday — FedEx location address REQUIRED. NOT available for FedEx First Overnight.

31 ☐ HOLD Saturday — FedEx location address REQUIRED. Available ONLY for FedEx Priority Overnight and FedEx 2Day to select locations.

8758 1534 0382

4 Express Package Service * To most locations.

NOTE: Service order has changed. Please select carefully.

Packages up to 150 lbs. For packages over 150 lbs., use the new FedEx Express Freight US Airbill.

Next Business Day

06 ☐ FedEx First Overnight — Earliest next business morning delivery to select locations. Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

01 ☒ FedEx Priority Overnight — Next business morning.* Friday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

05 ☐ FedEx Standard Overnight — Next business afternoon.* Saturday Delivery NOT available.

2 or 3 Business Days

49 ☐ NEW FedEx 2Day A.M. — Second business morning.* Saturday Delivery NOT available.

03 ☐ FedEx 2Day — Second business afternoon.* Thursday shipments will be delivered on Monday unless SATURDAY Delivery is selected.

20 ☐ FedEx Express Saver — Third business day.* Saturday Delivery NOT available.

5 Packaging * Declared value limit $500.

06 ☐ FedEx Envelope* 02 ☐ FedEx Pak* 03 ☐ FedEx Box 04 ☐ FedEx Tube 01 ☒ Other

6 Special Handling and Delivery Signature Options

03 ☐ **SATURDAY DELIVERY**

☐ No Signature Required — Package may be left without obtaining a signature for delivery.

10 ☐ Direct Signature — Someone at recipient's address may sign for delivery. Fee applies.

34 ☐ Indirect Signature — If no one is available at recipient's address, someone at a neighboring address may sign for delivery. For residential deliveries only. Fee applies.

Does this shipment contain dangerous goods? One box must be checked.

☒ No 04 ☐ Yes As per attached Shipper's Declaration. ☐ Yes Shipper's Declaration not required. 06 ☐ Dry Ice — Dry Ice, 9, UN 1845 ____ x ____ kg

Dangerous goods (including dry ice) cannot be shipped in FedEx packaging or placed in a FedEx Express Drop Box.

☐ Cargo Aircraft Only

7 Payment *Bill to:*

Enter FedEx Acct. No. or Credit Card No. below.

1 ☒ Sender Acct. No. in Section 1 will be billed. 2 ☐ Recipient 3 ☐ Third Party 4 ☐ Credit Card 5 ☐ Cash/Check

Obtain recip. Acct. No. ☐

Total Packages ____ Total Weight ____ lbs. Credit Card Auth. ____

*Our liability is limited to $100 unless you declare a higher value. See the current FedEx Service Guide for details.

612

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Login Sample Receipt Checklist

Client: Argonne National Laboratory

Job Number: 200-11830-1
SDG Number: 200-11830

Login Number: 11830
List Number: 1
Creator: Poucher, Stephanie A

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	NO NUMBERS
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	4.8ºC IR GUN ID 154. CF -0.2
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	Sample times not listed on C-O-C
Samples are received within Holding Time.	True	Two samples were received with greater than 50% of holding time expired.
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	Sample volumes were received unpreserved.
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	False	Sample SYSB12-W-33931, one vial with air void larger than 1/4" .
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	Check done at department level as required.

Sample Login Acknowledgement

Job 200-11830-1

Client Job Description: Sylvan Grove (200-11830)
Purchase Order #: 1E-30401
Work Order #: 1E-30401
Project Manager: Kirk F Young
Job Due Date: 8/2/2012
Job TAT: 14 Days
Max Deliverable Level: IV
Earliest Deliverable Due: 8/2/2012

Report To: Argonne National Laboratory
Jorge Alvarado
9700 South Cass Avenue
Building 203
Office B-149
Argonne, IL 60439

Bill To: Argonne National Laboratory
Accounts Payable
Chief Financial Offices
9700 S. Cass Ave.
Building 201
Argonne, IL 60439

Login 200-11830

Sample Receipt: 7/19/2012 10:25:00 AM
Method of Delivery: FedEx Priority Overnight
Number of Coolers: 1
Cooler Temperature(s) (C°): 4.8;

Lab Sample #	Client Sample ID	Date Sampled	Matrix		
Method	**Method Description / Work Location**			**Rpt Basis**	**Dry / Wet ****
200-11830-1	**SYSB11-W-33928**	**7/13/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11830-2	**SYSB12-W-33931**	**7/14/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11830-3	**SYMW11-W-33949**	**7/18/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11830-4	**SYMW12-W-33950**	**7/18/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11830-5	**SYQCQA-W-33952**	**7/18/2012 12:00:00 AM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet
200-11830-6	**VHBLK1**	**7/19/2012 12:30:00 PM**	**Water**		
SOM01.2_Vol_Tr	SOM01.2 Trace Volatile Organics / In-Lab			Total	Wet

* Method on-hold

** Wet/Dry indicates whether the reported results will be corrected for moisture content and based on sample Wet weight or Dry

METHODOLOGY SUMMARY

Laboratory:	TestAmerica Laboratories	Project No:	
Location:	South Burlington, Vermont	SDG No:	200-11830

VOA

Volatile Organics Trace - USEPA CLP SOM01.2

2A - FORM II VOA-1
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: _____ SDG No.: 200-11830

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC1 (VCL) #	VDMC2 (CLA) #	VDMC3 (DCE) #	VDMC4 (BUT) #	VDMC5 (CLF) #	VDMC6 (DCA) #	VDMC7 (BEN) #
01	VBLKDL	98	99	75	98	92	97	98
02	SYSB11-W-33928	102	101	78	131	91	99	97
03	SYSB12-W-33931	102	102	73	131	91	98	99
04	SYMW11-W-33949	107	108	84	134	99	105	106
05	SYM112-W-33950	104	105	81	133	97	103	104
06	SYQCQA-W-33952	101	103	75	119	95	100	103
07	VHBLK1	100	101	78	101	94	98	102

			QC LIMITS
VDMC1	(VCL)	= Vinyl Chloride-d3	(65-131)
VDMC2	(CLA)	= Chloroethane-d5	(71-131)
VDMC3	(DCE)	= 1,1-Dichloroethene-d2	(55-104)
VDMC4	(BUT)	= 2-Butanone-d5	(49-155)
VDMC5	(CLF)	= Chloroform-d	(78-121)
VDMC6	(DCA)	= 1,2-Dichloroethane-d4	(78-129)
VDMC7	(BEN)	= Benzene-d6	(77-124)

Column to be used to flag recovery values
* Values outside of contract required QC limits

2B - FORM II VOA-2
WATER VOLATILE DEUTERATED MONITORING COMPOUND RECOVERY

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: _____ SDG No.: 200-11830

Level: (TRACE or LOW) TRACE

	EPA SAMPLE NO.	VDMC8 (DPA) #	VDMC9 (TOL) #	VDMC10 (TDP) #	VDMC11 (HEX) #	VDMC12 (TCA) #	VDMC13 (DCZ) #	OTHER	TOT OUT
01	VBLKDL	100	96	92	96	91	96		0
02	SYSB11-W-33928	101	96	97	137 *	92	95		1
03	SYSB12-W-33931	104	98	97	136 *	95	100		1
04	SYMW11-W-33949	110	104	103	134	99	103		0
05	SYM112-W-33950	108	102	100	131	98	102		0
06	SYQCQA-W-33952	106	101	97	115	97	100		0
07	VHBLK1	104	100	94	99	93	98		0

			QC LIMITS
VDMC8	(DPA)	= 1,2-Dichloropropane-d6	(79-124)
VDMC9	(TOL)	= Toluene-d8	(77-121)
VDMC10	(TDP)	= trans-1,3-Dichloropropene-d4	(73-121)
VDMC11	(HEX)	= 2-Hexanone-d5	(28-135)
VDMC12	(TCA)	= 1,1,2,2-Tetrachloroethane-d2	(73-125)
VDMC13	(DCZ)	= 1,2-Dichlorobenzene-d4	(80-131)

Column to be used to flag recovery values
* Values outside of contract required QC limits

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

4A - FORM IV VOA
VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VBLKDL

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Lab File ID: DIXA04.D Lab Sample ID: MB 200-42153/4

Instrument ID: D.i

Matrix: (SOIL/SED/WATER) Water Date Analyzed: 07/20/2012

Level: (TRACE or LOW/MED) TRACE Time Analyzed: 0944

GC Column: DB-624 ID: 0.20 (mm) Heated Purge: (Y/N) N

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
01	SYSB11-W-339 28	200-11830-1	DIXA05.D	1046
02	SYSB12-W-339 31	200-11830-2	DIXA06.D	1109
03	SYMW11-W-339 49	200-11830-3	DIXA07.D	1134
04	SYM112-W-339 50	200-11830-4	DIXA08.D	1158
05	SYQCQA-W-339 52	200-11830-5	DIXA09.D	1222
06	VHBLK1	200-11830-6	DIXA10.D	1246

COMMENTS:

5A - FORM V VOA
VOLATILE ORGANICS INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.

BFBDK

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Lab File Id: DIX01.D BFB Injection Date: 07/18/2012

Instrument Id: D.i BFB Injection Time: 1355

GC Column: DB-624 ID: 0.20 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.5
75	30.0 - 80.0% of mass 95	51.4
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.6 (0.9)1
174	50.0 - 120% of mass 95	65.3
175	5.0 - 9.0% of mass 174	4.6 (7.1)1
176	95.0 - 101% of mass 174	63.3 (97.0)1
177	5.0 - 9.0% of mass 176	4.2 (6.6)2

1 - Value is %mass 174 2 - Value is %mass 176

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD0.5DK	IC 200-42073/3	DIX04.D	07/18/2012	1456
02	VSTD001DK	IC 200-42073/4	DIX05.D	07/18/2012	1520
03	VSTD005DK	ICIS 200-42073/5	DIX06.D	07/18/2012	1544
04	VSTD010DK	IC 200-42073/6	DIX07.D	07/18/2012	1608
05	VSTD020DK	IC 200-42073/7	DIX08.D	07/18/2012	1632

5A - FORM V VOA
VOLATILE ORGANICS INSTRUMENT
PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

EPA SAMPLE NO.

BFBDL

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Lab File Id: DIXA01.D BFB Injection Date: 07/20/2012

Instrument Id: D.i BFB Injection Time: 0843

GC Column: DB-624 ID: 0.20 (mm)

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	17.9
75	30.0 - 80.0% of mass 95	51.5
95	Base peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.7
173	Less than 2.0% of mass 174	0.5 (0.8)1
174	50.0 - 120% of mass 95	63.9
175	5.0 - 9.0% of mass 174	4.5 (7.0)1
176	95.0 - 101% of mass 174	61.5 (96.3)1
177	5.0 - 9.0% of mass 176	3.9 (6.4)2

1 - Value is %mass 174 2 - Value is %mass 176

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
01	VSTD005DL	CCVIS 200-42153/2	DIXA02.D	07/20/2012	0857
02	VBLKDL	MB 200-42153/4	DIXA04.D	07/20/2012	0944
03	SYSB11-W-3 3928	200-11830-1	DIXA05.D	07/20/2012	1046
04	SYSB12-W-3 3931	200-11830-2	DIXA06.D	07/20/2012	1109
05	SYMW11-W-3 3949	200-11830-3	DIXA07.D	07/20/2012	1134
06	SYM112-W-3 3950	200-11830-4	DIXA08.D	07/20/2012	1158
07	SYQCQA-W-3 3952	200-11830-5	DIXA09.D	07/20/2012	1222
08	VHBLK1	200-11830-6	DIXA10.D	07/20/2012	1246
09	VSTD005LD	CCVC 200-42153/11	DIXA11.D	07/20/2012	1310

8A - FORM VIII VOA
VOLATILE INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

GC Column: DB-624 ID: 0.20 (mm) Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD#####): VSTD005DL Date Analyzed: 07/20/2012

Lab File ID (Standard): DIXA02.D Time Analyzed: 0857

Instrument ID: D.i Heated Purge: (Y/N) N

		IS1 (CBZ) AREA #	RT #	IS2 (DFB) AREA #	RT #	IS3 (DCB) AREA #	RT #
	12 HOUR STD	803928	9.67	1041838	6.31	316598	12.48
	UPPER LIMIT	1125499	10.00	1458573	6.64	443237	12.81
	LOWER LIMIT	482357	9.34	625103	5.98	189959	12.15
	EPA SAMPLE NO.						
01	VBLKDL	800292	9.67	1053189	6.31	306762	12.47
02	SYSB11-W-33928	969886	9.67	1282270	6.31	373547	12.47
03	SYSB12-W-33931	889440	9.67	1190849	6.31	337993	12.47
04	SYMW11-W-33949	906165	9.67	1201109	6.31	345097	12.48
05	SYM112-W-33950	902711	9.67	1198954	6.31	344644	12.48
06	SYQCQA-W-33952	899060	9.67	1207234	6.31	342184	12.48
07	VHBLK1	872628	9.67	1167820	6.31	322487	12.48

IS1 (CBZ) = Chlorobenzene-d5
IS2 (DFB) = 1,4-Difluorobenzene
IS3 (DCB) = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = 140% (Trace Volatiles) of internal standard area
AREA LOWER LIMIT = 60% (Trace Volatiles) of internal standard area
RT UPPER LIMIT = + 0.33 (Trace Volatiles) minutes of internal standard RT
RT LOWER LIMIT = - 0.33 (Trace Volatiles) minutes of internal standard RT

Column used to flag values outside contract required QC limits with an asterisk.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYMW11-W-33949

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-3

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA07.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.3	J
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene Chloride	0.073	J B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.018	J B
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

SYMW11-W-33949

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-3

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA07.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.079	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.020	J
95-47-6	o-Xylene	0.020	J
179601-23-1	m,p-Xylene	0.067	J
100-42-5	Styrene	0.0075	J
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYMW11-W-33949

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-3

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA07.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	7.63	2.8	B X J
02	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYM112-W-33950

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-4

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA08.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.4	J
75-15-0	Carbon disulfide	0.092	J B
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene Chloride	0.071	J B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.50	U
71-43-2	Benzene	0.022	J
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYM112-W-33950

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302
Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830
Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-4
Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA08.D
Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012
% Moisture: not dec. Date Analyzed: 07/20/2012
GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.10	J
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.017	J
95-47-6	o-Xylene	0.020	J
179601-23-1	m,p-Xylene	0.064	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYM112-W-33950

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-4

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA08.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	115-07-1	Propene	1.67	1.5	J N
02		Unknown	7.63	2.7	B X J
03	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYQCQA-W-33952

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-5

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA09.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	2.2	J
75-15-0	Carbon disulfide	0.045	J B
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene Chloride	0.064	J B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	0.51	J
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.018	J B
71-43-2	Benzene	0.074	J
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYQCQA-W-33952

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-5

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA09.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.73	
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.065	J
95-47-6	o-Xylene	0.097	J
179601-23-1	m,p-Xylene	0.24	J
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYQCQA-W-33952

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-5

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA09.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	7.63	2.6	B X J
02	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB11-W-33928

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA05.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.75	U
74-87-3	Chloromethane	0.75	U
75-01-4	Vinyl chloride	0.75	U
74-83-9	Bromomethane	0.75	U
75-00-3	Chloroethane	0.75	U
75-69-4	Trichlorofluoromethane	0.75	U
75-35-4	1,1-Dichloroethene	0.75	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.75	U
67-64-1	Acetone	5.5	J
75-15-0	Carbon disulfide	0.15	J B
79-20-9	Methyl acetate	0.75	U
75-09-2	Methylene Chloride	0.20	J B
156-60-5	trans-1,2-Dichloroethene	0.75	U
1634-04-4	Methyl tert-butyl ether	0.75	U
75-34-3	1,1-Dichloroethane	0.75	U
156-59-2	cis-1,2-Dichloroethene	0.75	U
78-93-3	2-Butanone	2.2	J
74-97-5	Bromochloromethane	0.75	U
67-66-3	Chloroform	0.75	U
71-55-6	1,1,1-Trichloroethane	0.75	U
110-82-7	Cyclohexane	0.75	U
56-23-5	Carbon tetrachloride	0.026	J B
71-43-2	Benzene	0.11	J
107-06-2	1,2-Dichloroethane	0.75	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB11-W-33928

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302
Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830
Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-1
Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA05.D
Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012
% Moisture: not dec. Date Analyzed: 07/20/2012
GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.75	U
108-87-2	Methylcyclohexane	0.75	U
78-87-5	1,2-Dichloropropane	0.75	U
75-27-4	Bromodichloromethane	0.75	U
10061-01-5	cis-1,3-Dichloropropene	0.75	U
108-10-1	4-Methyl-2-pentanone	7.5	U
108-88-3	Toluene	0.13	J
10061-02-6	trans-1,3-Dichloropropene	0.75	U
79-00-5	1,1,2-Trichloroethane	0.75	U
127-18-4	Tetrachloroethene	0.75	U
591-78-6	2-Hexanone	7.5	U
124-48-1	Dibromochloromethane	0.75	U
106-93-4	1,2-Dibromoethane	0.75	U
108-90-7	Chlorobenzene	0.026	J
100-41-4	Ethylbenzene	0.040	J
95-47-6	o-Xylene	0.020	J
179601-23-1	m,p-Xylene	0.047	J
100-42-5	Styrene	0.026	J
75-25-2	Bromoform	0.75	U
98-82-8	Isopropylbenzene	0.75	U
79-34-5	1,1,2,2-Tetrachloroethane	0.75	U
541-73-1	1,3-Dichlorobenzene	0.75	U
106-46-7	1,4-Dichlorobenzene	0.75	U
95-50-1	1,2-Dichlorobenzene	0.75	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U
120-82-1	1,2,4-Trichlorobenzene	0.75	U
87-61-6	1,2,3-Trichlorobenzene	0.75	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYSB11-W-33928

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-1

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA05.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	115-07-1	Propene	1.67	9.4	J N
02		Unknown	2.61	1.4	J
03	763-29-1	1-Pentene, 2-methyl-	4.04	0.81	J N
04		Unknown	7.62	3.8	B X J
05	E966796 [1]	Total Alkanes	N/A	3.0	J

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB12-W-33931

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-2

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA06.D

Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.75	U
74-87-3	Chloromethane	0.75	U
75-01-4	Vinyl chloride	0.75	U
74-83-9	Bromomethane	0.75	U
75-00-3	Chloroethane	0.75	U
75-69-4	Trichlorofluoromethane	0.75	U
75-35-4	1,1-Dichloroethene	0.75	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.75	U
67-64-1	Acetone	6.1	J
75-15-0	Carbon disulfide	0.12	J B
79-20-9	Methyl acetate	0.75	U
75-09-2	Methylene Chloride	0.16	J B
156-60-5	trans-1,2-Dichloroethene	0.75	U
1634-04-4	Methyl tert-butyl ether	0.75	U
75-34-3	1,1-Dichloroethane	0.75	U
156-59-2	cis-1,2-Dichloroethene	0.75	U
78-93-3	2-Butanone	2.4	J
74-97-5	Bromochloromethane	0.75	U
67-66-3	Chloroform	0.75	U
71-55-6	1,1,1-Trichloroethane	0.75	U
110-82-7	Cyclohexane	0.75	U
56-23-5	Carbon tetrachloride	0.029	J B
71-43-2	Benzene	0.17	J
107-06-2	1,2-Dichloroethane	0.75	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.
SYSB12-W-33931

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302
Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830
Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-2
Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA06.D
Level: (TRACE/LOW/MED) TRACE Date Received: 07/19/2012
% Moisture: not dec. Date Analyzed: 07/20/2012
GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5
Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)
Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.75	U
108-87-2	Methylcyclohexane	0.75	U
78-87-5	1,2-Dichloropropane	0.75	U
75-27-4	Bromodichloromethane	0.75	U
10061-01-5	cis-1,3-Dichloropropene	0.75	U
108-10-1	4-Methyl-2-pentanone	7.5	U
108-88-3	Toluene	0.64	J
10061-02-6	trans-1,3-Dichloropropene	0.75	U
79-00-5	1,1,2-Trichloroethane	0.75	U
127-18-4	Tetrachloroethene	0.75	U
591-78-6	2-Hexanone	7.5	U
124-48-1	Dibromochloromethane	0.75	U
106-93-4	1,2-Dibromoethane	0.75	U
108-90-7	Chlorobenzene	0.75	U
100-41-4	Ethylbenzene	0.060	J
95-47-6	o-Xylene	0.076	J
179601-23-1	m,p-Xylene	0.19	J
100-42-5	Styrene	0.026	J
75-25-2	Bromoform	0.75	U
98-82-8	Isopropylbenzene	0.75	U
79-34-5	1,1,2,2-Tetrachloroethane	0.75	U
541-73-1	1,3-Dichlorobenzene	0.75	U
106-46-7	1,4-Dichlorobenzene	0.75	U
95-50-1	1,2-Dichlorobenzene	0.75	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.75	U
120-82-1	1,2,4-Trichlorobenzene	0.75	U
87-61-6	1,2,3-Trichlorobenzene	0.75	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.
SYSB12-W-33931

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-2

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA06.D

Level: (TRACE or LOW/MED) TRACE Date Received: 07/19/2012

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.5

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	115-07-1	Propene	1.68	10	J N
02		Unknown	2.03	0.80	J
03	590-18-1	2-Butene, (Z)-	2.12	0.87	J N
04		Unknown	2.68	2.3	J
05	763-29-1	1-Pentene, 2-methyl-	4.05	1.0	J N
06		Unknown	7.63	3.8	B X J
07	E966796 [1]	Total Alkanes	N/A	3.4	J

[1] EPA-designated Registry Number.

6A - FORM VI VOA-1
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date(s): 07/18/2012 07/18/2012

Heated Purge: (Y/N) N Calibration Time(s): 1456 1632

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

LAB FILE ID: RRF0.5 = DIX04.D RRF1.0 = DIX05.D

RRF5.0 = DIX06.D RRF10 = DIX07.D RRF20 = DIX08.D

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
Dichlorodifluoromethane	0.103	0.101	0.107	0.107	0.100	0.103	2.9
Chloromethane	0.194	0.181	0.180	0.182	0.168	0.181	5.1
Vinyl chloride	0.229	0.229	0.235	0.235	0.221	0.230	2.4
Bromomethane	0.207	0.191	0.194	0.182	0.176	0.190	6.2
Chloroethane	0.212	0.198	0.195	0.193	0.180	0.196	5.9
Trichlorofluoromethane	0.478	0.478	0.505	0.506	0.477	0.489	3.1
1,1-Dichloroethene	0.283	0.259	0.262	0.300	0.294	0.280	6.6
1,1,2-Trichloro-1,2,2-trifluoroethane	0.332	0.296	0.302	0.338	0.329	0.319	6.0
Acetone	0.021	0.018	0.017	0.018	0.017	0.018	8.6
Carbon disulfide	0.744	0.634	0.609	0.613	0.592	0.638	9.5
Methyl acetate	0.040	0.040	0.038	0.040	0.038	0.039	2.6
Methylene Chloride	0.249	0.230	0.225	0.228	0.217	0.230	5.3
trans-1,2-Dichloroethene	0.286	0.279	0.296	0.304	0.294	0.292	3.3
Methyl tert-butyl ether	0.251	0.260	0.291	0.313	0.311	0.285	10.0
1,1-Dichloroethane	0.467	0.468	0.502	0.509	0.491	0.487	3.9
cis-1,2-Dichloroethene	0.286	0.277	0.301	0.308	0.299	0.294	4.2
2-Butanone	0.023	0.023	0.025	0.027	0.026	0.025	6.7
Bromochloromethane	0.078	0.077	0.081	0.085	0.082	0.081	4.2
Chloroform	0.476	0.481	0.508	0.523	0.507	0.499	3.9
1,1,1-Trichloroethane	0.516	0.541	0.609	0.624	0.604	0.579	8.1
Cyclohexane	0.589	0.612	0.674	0.670	0.634	0.636	5.8
Carbon tetrachloride	0.417	0.439	0.509	0.528	0.515	0.482	10.4
Benzene	1.595	1.602	1.694	1.708	1.645	1.649	3.1
1,2-Dichloroethane	0.228	0.225	0.240	0.249	0.242	0.237	4.3
Trichloroethene	0.422	0.415	0.439	0.443	0.424	0.429	2.8
Methylcyclohexane	0.547	0.556	0.610	0.602	0.579	0.579	4.7

Report 1,4-Dioxane for Low-Medium VOA analysis only

6B - FORM VI VOA-2
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date(s): 07/18/2012 07/18/2012

Heated Purge: (Y/N) N Calibration Time(s): 1456 1632

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

LAB FILE ID: RRF0.5 = DIX04.D RRF1.0 = DIX05.D

RRF5.0 = DIX06.D RRF10 = DIX07.D RRF20 = DIX08.D

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
1,2-Dichloropropane	0.302	0.307	0.324	0.335	0.320	0.318	4.2
Bromodichloromethane	0.295	0.305	0.348	0.365	0.354	0.334	9.4
cis-1,3-Dichloropropene	0.336	0.363	0.438	0.462	0.449	0.410	13.7
4-Methyl-2-pentanone	0.061	0.067	0.077	0.080	0.076	0.072	10.9
Toluene	1.766	1.834	1.943	1.995	1.920	1.891	4.8
trans-1,3-Dichloropropene	0.212	0.232	0.301	0.328	0.324	0.279	19.3
1,1,2-Trichloroethane	0.145	0.150	0.155	0.161	0.153	0.153	3.8
Tetrachloroethene	0.293	0.295	0.321	0.323	0.317	0.310	4.7
2-Hexanone	0.042	0.045	0.052	0.055	0.052	0.049	10.8
Dibromochloromethane	0.123	0.129	0.155	0.171	0.170	0.150	15.1
1,2-Dibromoethane	0.123	0.121	0.132	0.140	0.134	0.130	6.2
Chlorobenzene	1.027	1.004	1.045	1.069	1.043	1.038	2.3
Ethylbenzene	1.992	2.036	2.237	2.286	2.244	2.159	6.2
o-Xylene	0.658	0.684	0.771	0.803	0.812	0.745	9.5
m,p-Xylene	0.737	0.763	0.844	0.874	0.863	0.816	7.6
Styrene	0.918	0.985	1.159	1.233	1.249	1.109	13.5
Bromoform	0.097	0.107	0.129	0.147	0.150	0.126	18.8
Isopropylbenzene	1.866	1.952	2.231	2.290	2.291	2.126	9.5
1,1,2,2-Tetrachloroethane	0.119	0.123	0.134	0.140	0.134	0.130	6.6
1,3-Dichlorobenzene	1.586	1.584	1.676	1.728	1.690	1.653	3.9
1,4-Dichlorobenzene	1.637	1.600	1.632	1.680	1.619	1.634	1.8
1,2-Dichlorobenzene	1.215	1.220	1.299	1.352	1.314	1.280	4.7
1,2-Dibromo-3-Chloropropane	0.033	0.035	0.038	0.042	0.041	0.038	9.5
1,2,4-Trichlorobenzene	0.620	0.623	0.684	0.731	0.716	0.675	7.6
1,2,3-Trichlorobenzene	0.416	0.415	0.447	0.487	0.458	0.444	6.8

6C - FORM VI VOA-3
VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date(s): 07/18/2012 07/18/2012

Heated Purge: (Y/N) N Calibration Time(s): 1456 1632

Purge Volume: 25.0 (mL)

GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

LAB FILE ID: RRF0.5 = DIX04.D RRF1.0 = DIX05.D

RRF5.0 = DIX06.D RRF10 = DIX07.D RRF20 = DIX08.D

COMPOUND	RRF0.5	RRF1.0	RRF5.0	RRF10	RRF20	$\overline{RRF}$	%RSD
Vinyl Chloride-d3	0.173	0.170	0.174	0.173	0.163	0.171	2.6
Chloroethane-d5	0.213	0.211	0.216	0.213	0.198	0.210	3.4
1,1-Dichloroethene-d2	0.560	0.543	0.545	0.584	0.553	0.557	3.0
2-Butanone-d5	0.021	0.022	0.024	0.025	0.023	0.023	6.7
Chloroform-d	0.485	0.492	0.528	0.541	0.525	0.514	4.8
1,2-Dichloroethane-d4	0.175	0.172	0.185	0.192	0.183	0.181	4.4
Benzene-d6	1.517	1.541	1.618	1.632	1.573	1.576	3.1
1,2-Dichloropropane-d6	0.335	0.339	0.362	0.368	0.348	0.351	4.1
Toluene-d8	1.497	1.554	1.652	1.692	1.646	1.608	5.0
trans-1,3-Dichloropropene-d4	0.200	0.205	0.261	0.288	0.287	0.248	17.3
2-Hexanone-d5	0.021	0.023	0.029	0.031	0.031	0.027	17.9
1,1,2,2-Tetrachloroethane-d2	0.124	0.124	0.135	0.140	0.137	0.132	5.8
1,2-Dichlorobenzene-d4	0.761	0.753	0.787	0.819	0.793	0.783	3.4

Report 1,4-Dioxane-d8 for Low-Medium VOA analysis only

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date: 07/20/2012 Time: 0857

Lab File Id: DIXA02.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005DL Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.103	0.104	0.010	0.7	40.0
Chloromethane	0.181	0.184	0.010	1.5	40.0
Vinyl chloride	0.230	0.232	0.010	0.9	30.0
Bromomethane	0.190	0.186	0.010	-2.1	30.0
Chloroethane	0.196	0.193	0.010	-1.2	40.0
Trichlorofluoromethane	0.489	0.502	0.010	2.6	40.0
1,1-Dichloroethene	0.280	0.273	0.010	-2.4	30.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.319	0.318	0.010	-0.5	40.0
Acetone	0.018	0.017	0.010	-5.8	40.0
Carbon disulfide	0.638	0.601	0.010	-5.8	40.0
Methyl acetate	0.039	0.040	0.010	2.3	40.0
Methylene Chloride	0.230	0.223	0.010	-3.0	40.0
trans-1,2-Dichloroethene	0.292	0.290	0.010	-0.8	40.0
Methyl tert-butyl ether	0.285	0.290	0.010	1.5	40.0
1,1-Dichloroethane	0.487	0.498	0.010	2.2	30.0
cis-1,2-Dichloroethene	0.294	0.293	0.010	-0.3	40.0
2-Butanone	0.025	0.026	0.010	1.9	40.0
Bromochloromethane	0.081	0.079	0.010	-2.7	30.0
Chloroform	0.499	0.501	0.010	0.5	30.0
1,1,1-Trichloroethane	0.579	0.594	0.010	2.6	30.0
Cyclohexane	0.636	0.660	0.010	3.8	40.0
Carbon tetrachloride	0.482	0.505	0.010	4.9	30.0
Benzene	1.649	1.663	0.010	0.9	30.0
1,2-Dichloroethane	0.237	0.236	0.010	-0.2	30.0
Trichloroethene	0.429	0.432	0.010	0.8	30.0
Methylcyclohexane	0.579	0.599	0.010	3.5	40.0

Report 1,4-Dioxane for Low/Medium VOA analysis only

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date: 07/20/2012 Time: 0857

Lab File Id: DIXA02.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005DL Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.318	0.323	0.010	1.7	40.0
Bromodichloromethane	0.334	0.343	0.010	3.0	30.0
cis-1,3-Dichloropropene	0.410	0.435	0.010	6.3	30.0
4-Methyl-2-pentanone	0.072	0.075	0.010	3.6	40.0
Toluene	1.891	1.916	0.010	1.3	30.0
trans-1,3-Dichloropropene	0.279	0.300	0.010	7.3	30.0
1,1,2-Trichloroethane	0.153	0.151	0.010	-0.8	30.0
Tetrachloroethene	0.310	0.309	0.010	-0.1	30.0
2-Hexanone	0.049	0.051	0.010	3.4	40.0
Dibromochloromethane	0.150	0.154	0.010	2.8	30.0
1,2-Dibromoethane	0.130	0.128	0.010	-1.8	40.0
Chlorobenzene	1.038	1.025	0.010	-1.2	30.0
Ethylbenzene	2.159	2.184	0.010	1.2	30.0
o-Xylene	0.745	0.753	0.010	1.0	30.0
m,p-Xylene	0.816	0.829	0.010	1.6	30.0
Styrene	1.109	1.128	0.010	1.7	30.0
Bromoform	0.126	0.129	0.010	2.5	30.0
Isopropylbenzene	2.126	2.179	0.010	2.5	40.0
1,1,2,2-Tetrachloroethane	0.130	0.130	0.010	-0.2	30.0
1,3-Dichlorobenzene	1.653	1.644	0.010	-0.5	30.0
1,4-Dichlorobenzene	1.634	1.608	0.010	-1.6	30.0
1,2-Dichlorobenzene	1.280	1.272	0.010	-0.6	30.0
1,2-Dibromo-3-Chloropropane	0.038	0.037	0.010	-2.3	40.0
1,2,4-Trichlorobenzene	0.675	0.676	0.010	0.1	30.0
1,2,3-Trichlorobenzene	0.444	0.433	0.010	-2.6	30.0

7C - FORM VII VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date: 07/20/2012 Time: 0857

Lab File Id: DIXA02.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005DL Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.171	0.173	0.010	1.0	30.0
Chloroethane-d5	0.210	0.217	0.010	3.2	40.0
1,1-Dichloroethene-d2	0.557	0.562	0.010	0.9	30.0
2-Butanone-d5	0.023	0.024	0.010	3.9	40.0
Chloroform-d	0.514	0.520	0.010	1.0	30.0
1,2-Dichloroethane-d4	0.181	0.182	0.010	0.6	30.0
Benzene-d6	1.576	1.581	0.010	0.3	30.0
1,2-Dichloropropane-d6	0.351	0.358	0.010	2.1	40.0
Toluene-d8	1.608	1.625	0.010	1.1	30.0
trans-1,3-Dichloropropene-d4	0.248	0.261	0.010	5.3	30.0
2-Hexanone-d5	0.027	0.028	0.010	4.8	40.0
1,1,2,2-Tetrachloroethane-d2	0.132	0.131	0.010	-0.8	30.0
1,2-Dichlorobenzene-d4	0.783	0.769	0.010	-1.7	30.0

Report 1,4-Dioxane-d8 for Low/Medium VOA analysis only

7A - FORM VII VOA-1
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date: 07/20/2012 Time: 1310

Lab File Id: DIXA11.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005LD Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
Dichlorodifluoromethane	0.103	0.106	0.010	2.3	50.0
Chloromethane	0.181	0.187	0.010	3.1	50.0
Vinyl chloride	0.230	0.235	0.100	2.1	50.0
Bromomethane	0.190	0.190	0.100	-0.1	50.0
Chloroethane	0.196	0.195	0.010	-0.2	50.0
Trichlorofluoromethane	0.489	0.496	0.010	1.5	50.0
1,1-Dichloroethene	0.280	0.296	0.100	5.9	50.0
1,1,2-Trichloro-1,2,2-trifluoroethane	0.319	0.341	0.010	6.7	50.0
Acetone	0.018	0.017	0.010	-3.4	50.0
Carbon disulfide	0.638	0.566	0.010	-11.3	50.0
Methyl acetate	0.039	0.039	0.010	0.0	50.0
Methylene Chloride	0.230	0.223	0.010	-3.0	50.0
trans-1,2-Dichloroethene	0.292	0.290	0.010	-0.8	50.0
Methyl tert-butyl ether	0.285	0.280	0.010	-1.7	50.0
1,1-Dichloroethane	0.487	0.498	0.200	2.1	50.0
cis-1,2-Dichloroethene	0.294	0.294	0.010	-0.1	50.0
2-Butanone	0.025	0.025	0.010	-0.8	50.0
Bromochloromethane	0.081	0.079	0.050	-1.9	50.0
Chloroform	0.499	0.503	0.200	0.8	50.0
1,1,1-Trichloroethane	0.579	0.593	0.100	2.5	50.0
Cyclohexane	0.636	0.664	0.010	4.4	50.0
Carbon tetrachloride	0.482	0.497	0.100	3.3	50.0
Benzene	1.649	1.677	0.400	1.7	50.0
1,2-Dichloroethane	0.237	0.235	0.100	-0.9	50.0
Trichloroethene	0.429	0.436	0.300	1.7	50.0
Methylcyclohexane	0.579	0.601	0.010	3.8	50.0

Report 1,4-Dioxane for Low/Medium VOA analysis only

7B - FORM VII VOA-2
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date: 07/20/2012 Time: 1310

Lab File Id: DIXA11.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005LD Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
1,2-Dichloropropane	0.318	0.324	0.010	1.9	50.0
Bromodichloromethane	0.334	0.341	0.200	2.1	50.0
cis-1,3-Dichloropropene	0.410	0.429	0.200	4.8	50.0
4-Methyl-2-pentanone	0.072	0.075	0.010	3.1	50.0
Toluene	1.891	1.937	0.400	2.4	50.0
trans-1,3-Dichloropropene	0.279	0.294	0.100	5.4	50.0
1,1,2-Trichloroethane	0.153	0.153	0.100	0.2	50.0
Tetrachloroethene	0.310	0.308	0.100	-0.5	50.0
2-Hexanone	0.049	0.051	0.010	3.4	50.0
Dibromochloromethane	0.150	0.150	0.100	0.5	50.0
1,2-Dibromoethane	0.130	0.130	0.010	0.1	50.0
Chlorobenzene	1.038	1.036	0.500	-0.2	50.0
Ethylbenzene	2.159	2.221	0.100	2.9	50.0
o-Xylene	0.745	0.769	0.300	3.1	50.0
m,p-Xylene	0.816	0.839	0.300	2.8	50.0
Styrene	1.109	1.148	0.300	3.5	50.0
Bromoform	0.126	0.120	0.050	-5.0	50.0
Isopropylbenzene	2.126	2.211	0.010	4.0	50.0
1,1,2,2-Tetrachloroethane	0.130	0.132	0.100	1.3	50.0
1,3-Dichlorobenzene	1.653	1.635	0.400	-1.1	50.0
1,4-Dichlorobenzene	1.634	1.612	0.400	-1.3	50.0
1,2-Dichlorobenzene	1.280	1.271	0.400	-0.7	50.0
1,2-Dibromo-3-Chloropropane	0.038	0.035	0.010	-6.7	50.0
1,2,4-Trichlorobenzene	0.675	0.640	0.200	-5.1	50.0
1,2,3-Trichlorobenzene	0.444	0.412	0.200	-7.3	50.0

7C - FORM VII VOA-3
VOLATILE CONTINUING CALIBRATION DATA

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Instrument ID: D.i Calibration Date: 07/20/2012 Time: 1310

Lab File Id: DIXA11.D Init. Calib. Date(s): 07/18/2012 07/18/2012

EPA Sample No.(VSTD####): VSTD005LD Init. Calib. Time(s): 1456 1632

Heated Purge: (Y/N) N GC Column: DB-624 ID: 0.20 (mm) Length: 25 (m)

Purge Volume: 25.0 (mL)

COMPOUND	$\overline{RRF}$	RRF5.0	MIN RRF	%D	MAX %D
Vinyl Chloride-d3	0.171	0.175	0.010	2.3	50.0
Chloroethane-d5	0.210	0.215	0.010	2.4	50.0
1,1-Dichloroethene-d2	0.557	0.579	0.010	3.9	50.0
2-Butanone-d5	0.023	0.023	0.010	1.1	50.0
Chloroform-d	0.514	0.524	0.010	2.0	50.0
1,2-Dichloroethane-d4	0.181	0.183	0.010	0.9	50.0
Benzene-d6	1.576	1.601	0.010	1.6	50.0
1,2-Dichloropropane-d6	0.351	0.359	0.010	2.4	50.0
Toluene-d8	1.608	1.647	0.010	2.4	50.0
trans-1,3-Dichloropropene-d4	0.248	0.253	0.010	2.1	50.0
2-Hexanone-d5	0.027	0.028	0.010	3.6	50.0
1,1,2,2-Tetrachloroethane-d2	0.132	0.135	0.010	1.8	50.0
1,2-Dichlorobenzene-d4	0.783	0.776	0.010	-0.8	50.0

Report 1,4-Dioxane-d8 for Low/Medium VOA analysis only

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKDL

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: MB 200-42153/4

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA04.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.50	U
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	5.0	U
75-15-0	Carbon disulfide	0.082	J
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene Chloride	0.081	J
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.018	J
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VBLKDL

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: MB 200-42153/4

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA04.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VBLKDL

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: MB 200-42153/4

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA04.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	7.63	2.5	X J
02	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

1A - FORM I VOA-1
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK1

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-6

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA10.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
75-71-8	Dichlorodifluoromethane	0.50	U
74-87-3	Chloromethane	0.16	J
75-01-4	Vinyl chloride	0.50	U
74-83-9	Bromomethane	0.50	U
75-00-3	Chloroethane	0.50	U
75-69-4	Trichlorofluoromethane	0.50	U
75-35-4	1,1-Dichloroethene	0.50	U
76-13-1	1,1,2-Trichloro-1,2,2-trifluoroethane	0.50	U
67-64-1	Acetone	1.1	J
75-15-0	Carbon disulfide	0.50	U
79-20-9	Methyl acetate	0.50	U
75-09-2	Methylene Chloride	0.10	J B
156-60-5	trans-1,2-Dichloroethene	0.50	U
1634-04-4	Methyl tert-butyl ether	0.50	U
75-34-3	1,1-Dichloroethane	0.50	U
156-59-2	cis-1,2-Dichloroethene	0.50	U
78-93-3	2-Butanone	5.0	U
74-97-5	Bromochloromethane	0.50	U
67-66-3	Chloroform	0.50	U
71-55-6	1,1,1-Trichloroethane	0.50	U
110-82-7	Cyclohexane	0.50	U
56-23-5	Carbon tetrachloride	0.018	J B
71-43-2	Benzene	0.50	U
107-06-2	1,2-Dichloroethane	0.50	U

Report 1,4-Dioxane for Low-Medium VOA analysis only

1B - FORM I VOA-2
VOLATILE ORGANICS ANALYSIS DATA SHEET

EPA SAMPLE NO.

VHBLK1

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-6

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA10.D

Level: (TRACE/LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

Purge Volume: 25.0 (mL)

CAS NO.	COMPOUND	CONCENTRATION UNITS: (ug/L or ug/kg) ug/L	Q
79-01-6	Trichloroethene	0.50	U
108-87-2	Methylcyclohexane	0.50	U
78-87-5	1,2-Dichloropropane	0.50	U
75-27-4	Bromodichloromethane	0.50	U
10061-01-5	cis-1,3-Dichloropropene	0.50	U
108-10-1	4-Methyl-2-pentanone	5.0	U
108-88-3	Toluene	0.50	U
10061-02-6	trans-1,3-Dichloropropene	0.50	U
79-00-5	1,1,2-Trichloroethane	0.50	U
127-18-4	Tetrachloroethene	0.50	U
591-78-6	2-Hexanone	5.0	U
124-48-1	Dibromochloromethane	0.50	U
106-93-4	1,2-Dibromoethane	0.50	U
108-90-7	Chlorobenzene	0.50	U
100-41-4	Ethylbenzene	0.50	U
95-47-6	o-Xylene	0.50	U
179601-23-1	m,p-Xylene	0.50	U
100-42-5	Styrene	0.50	U
75-25-2	Bromoform	0.50	U
98-82-8	Isopropylbenzene	0.50	U
79-34-5	1,1,2,2-Tetrachloroethane	0.50	U
541-73-1	1,3-Dichlorobenzene	0.50	U
106-46-7	1,4-Dichlorobenzene	0.50	U
95-50-1	1,2-Dichlorobenzene	0.50	U
96-12-8	1,2-Dibromo-3-Chloropropane	0.50	U
120-82-1	1,2,4-Trichlorobenzene	0.50	U
87-61-6	1,2,3-Trichlorobenzene	0.50	U

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

VHBLK1

Lab Name: TESTAMERICA BURLINGTON Contract: 8E-00302

Lab Code: STLV Case No.: SYLVAN Mod. Ref No.: SDG No.: 200-11830

Matrix: (SOIL/SED/WATER) Water Lab Sample ID: 200-11830-6

Sample wt/vol: 25.0 (g/mL) mL Lab File ID: DIXA10.D

Level: (TRACE or LOW/MED) TRACE Date Received:

% Moisture: not dec. Date Analyzed: 07/20/2012

GC Column: DB-624 ID: 0.20 (mm) Dilution Factor: 1.0

Soil Extract Volume: (uL) Soil Aliquot Volume: (uL)

CONCENTRATION UNITS:(ug/L or ug/kg) ug/L Purge Volume: 25.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	7.63	2.5	B X J
02	E966796 [1]	Total Alkanes	N/A		

[1] EPA-designated Registry Number.

ANALYTICAL REPORT

Job Number: 200-11842-1

SDG Number: Sylvan Grove (200-11842)

Job Description: Sylvan Grove (200-11842)

Contract Number: 1E-30401

For:
Argonne National Laboratory
9700 South Cass Avenue
Building 203
Office B-149
Argonne, IL 60439

Attention: Mr. Clyde Dennis

Approved for release.
Kirk F Young
Project Manager I
8/7/2012 3:34 PM

Kirk F Young
Project Manager I
kirk.young@testamericainc.com
08/07/2012

The test results in this report relate only to sample(s) as received by the laboratory. These test results were derived under a quality system that adheres to the requirements of NELAC. Pursuant to NELAC, this report may not be produced in full without written approval from the laboratory

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CASE NARRATIVE

Client: Argonne National Laboratory

Project: Sylvan Grove (200-11842)

Report Number: 200-11842-1

Enclosed is the data set for the referenced project work. With the exceptions noted as flags or footnotes, standard analytical protocols were followed in performing the analytical work and the applied control limits were met.

Calculations were performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods of analysis, unless otherwise detailed in the individual sections below.

Manual integration was employed in deriving certain of the analytical results. The values that have been derived from manual integration are qualified on the quantitation reports, and further documented with chromatographic profiles. An itemized listing of the manual integrations that were performed follows this narrative discussion, referencing the specific acquisition file names and the compounds for which manual integration was applied.

Included in this submittal is an itemized listing of the standards that were used in performing the analytical work.

Receipt

The samples were received on 07/19/2012. Documentation of the condition of the samples at the time of their receipt and any exception to the laboratory's Sample Acceptance Policy is documented in the Sample Handling section of this submittal.

SW846 Method(s) 5035/8260B Volatile Organics (Medium Level Soil)

The samples were analyzed by the referenced method(s), using a low-level calibration. In performing the analytical work, 500 microliters of the methanol extract were added to the 5 milliliter purge volume. The results are reported on an as received basis, without an adjustment for moisture content. Each analysis associated with the samples in this sample set did exhibit an acceptable internal standard performance, and there was an acceptable recovery of the surrogate controls in each analysis. Two types of laboratory control sample analyses were performed in the analytical sequence. One was performed to evaluate method performance, and one was performed with 500 microliters of methanol added to the purge volume in order to characterize the affect on the analytical process. There was an acceptable recovery of each target analyte in the laboratory control sample analysis that defined method performance. In the laboratory control sample analysis with methanol, several of the earlier eluting compounds did exhibit a lower recovery performance. Most significantly affected was the recovery performance of bromomethane, chloroethane and methyl iodide, for which the recovery was at or below 50 percent. Additionally, isobutyl alcohol also exhibited a particularly low recovery performance. Matrix spike and matrix spike duplicate analyses were not performed on samples in this sample set. Trace concentrations of chloromethane, bromomethane, and methylene chloride were identified in the analysis of sample S4-MEOH BLANK. The derived concentration of each target analyte in that analysis was below the established reporting limit. Trace concentrations of

chloromethane, 1,2,4-trichlorobenzene, hexachlorobutadiene, naphthalene, and 1,2,3-trichlorobenzene, and a relatively high concentration of bromomethane were identified in the analysis of the methanol instrument blank associated with the analytical work. In that analysis the derived concentration of bromomethane (10.4 ug/Kg) was above the established reporting limit of 10 ug/Kg.

The initial calibration was established using five concentration levels. With the exception of that for methyl iodide, the relative standard deviation of the responses for each target analyte in the initial calibration was below 15.0 percent. The relative standard deviation of the responses for methyl iodide was 33.5 percent. The initial calibration was verified with an analytical standard from a source different than was used for calibration. There was an acceptable performance of each target analyte in the initial calibration verification as measured against a ± 25.0 percent tolerance. With the exception of those for methyl iodide and vinyl acetate, there was an acceptable performance of each target analyte in the continuing calibration check acquisition as measured against a ± 15.0 percent tolerance. The responses for methyl iodide and vinyl acetate were high in that acquisition, relative to the average response in the initial calibration, representing a 24.0 percent difference for methyl iodide, and a 22.0 percent difference for vinyl acetate.

DATA REPORTING QUALIFIERS

Client: Argonne National Laboratory

Job Number: 200-11842-1
Sdg Number: Sylvan Grove (200-11842)

Lab Section	Qualifier	Description
GC/MS VOA		
	B	Compound was found in the blank and sample.
	U	Indicates the analyte was analyzed for but not detected.
	*	Recovery or RPD exceeds control limits
	J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i Analysis Batch Number: 41981

Lab Sample ID: IC 200-41981/3 Client Sample ID:

Date Analyzed: 07/17/12 16:24 Lab File ID: lhm03.d GC Column: DB-624 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Freon TF	4.83	Baseline event	mtp	07/18/12 08:16
Acetone	4.90	Baseline event	mtp	07/18/12 08:16
Methyl acetate	5.46	Baseline event	mtp	07/18/12 08:16
Acrylonitrile	6.03	Baseline event	mtp	07/18/12 08:16
2-Butanone	7.81	Baseline event	mtp	07/18/12 08:16
Propionitrile	7.92	Baseline event	mtp	07/18/12 08:17
Methacrylonitrile	8.15	Baseline event	mtp	07/18/12 08:17
Dibromomethane	11.01	Baseline event	mtp	07/18/12 08:17
1,4-Dioxane	11.07	Baseline event	mtp	07/18/12 08:17
1,1,2-Trichloroethane	13.51	Baseline event	mtp	07/18/12 08:17

Lab Sample ID: IC 200-41981/4 Client Sample ID:

Date Analyzed: 07/17/12 16:56 Lab File ID: lhm04.d GC Column: DB-624 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Acrylonitrile	6.00	Baseline event	mtp	07/18/12 08:18

GC/MS VOA MANUAL INTEGRATION SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i Analysis Batch Number: 42334

Lab Sample ID: LCS 200-42282/5-A Client Sample ID:

Date Analyzed: 07/24/12 10:55 Lab File ID: lhme04.d GC Column: DB-624 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Dichlorodifluoromethane	2.57	Baseline event	mtp	07/24/12 11:41
1,4-Dioxane	11.31	Baseline event	mtp	07/24/12 11:42

Lab Sample ID: 200-11842-2 Client Sample ID: S4-S-33786 (20A)B

Date Analyzed: 07/24/12 17:56 Lab File ID: lhme17.d GC Column: DB-624 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	5.45	Baseline event	mtp	07/25/12 09:02

Lab Sample ID: 200-11842-6 Client Sample ID: S4-S-33854 (30A)R

Date Analyzed: 07/24/12 20:05 Lab File ID: lhme21.d GC Column: DB-624 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	5.41	Baseline event	mtp	07/25/12 09:05

Lab Sample ID: 200-11842-7 Client Sample ID: S4-S-33880 (10A)BLK

Date Analyzed: 07/24/12 20:37 Lab File ID: lhme22.d GC Column: DB-624 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	5.43	Baseline event	mtp	07/25/12 09:07

Lab Sample ID: 200-11842-8 Client Sample ID: S4-MEOH BLANK

Date Analyzed: 07/24/12 21:09 Lab File ID: lhme23.d GC Column: DB-624 ID: 0.53(mm)

COMPOUND NAME	RETENTION TIME	MANUAL INTEGRATION		
		REASON	ANALYST	DATE
Methylene Chloride	5.38	Baseline event	mtp	07/25/12 09:08

8260B

SAMPLE SUMMARY

Client: Argonne National Laboratory

Job Number: 200-11842-1
Sdg Number: Sylvan Grove (200-11842)

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-11842-1	S4-S-33804 (10A)B	Solid	07/16/2012 0000	07/19/2012 1025
200-11842-2	S4-S-33786 (20A)B	Solid	07/16/2012 0000	07/19/2012 1025
200-11842-3	S4-S-33820 (30A)B	Solid	07/16/2012 0000	07/19/2012 1025
200-11842-4	S4-S-33850 (10A)R	Solid	07/16/2012 0000	07/19/2012 1025
200-11842-5	S4-S-33859 (20A)R	Solid	07/16/2012 0000	07/19/2012 1025
200-11842-6	S4-S-33854 (30A)R	Solid	07/16/2012 0000	07/19/2012 1025
200-11842-7	S4-S-33880 (10A)BLK	Solid	07/16/2012 0000	07/19/2012 1025
200-11842-8TB	S4-MEOH BLANK	Solid	07/16/2012 0000	07/19/2012 1025

METHOD SUMMARY

Client: Argonne National Laboratory

Job Number: 200-11842-1
Sdg Number: Sylvan Grove (200-11842)

Description	Lab Location	Method	Preparation Method
Matrix Solid			
Volatile Organic Compounds (GC/MS)	TAL BUR	SW846 8260B	
Purge and Trap	TAL BUR		SW846 5035

Lab References:

TAL BUR = TestAmerica Burlington

Method References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

METHOD / ANALYST SUMMARY

Client: Argonne National Laboratory

Job Number: 200-11842-1
Sdg Number: Sylvan Grove (200-11842)

Method	Analyst	Analyst ID
SW846 8260B	Phillips, Mark T	MTP

Client: Argonne National Laboratory

Job Number: 200-11842-1
Sdg Number: Sylvan Grove (200-11842)

QC Association Summary

Lab Sample ID	Client Sample ID	Report Basis	Client Matrix	Method	Prep Batch
GC/MS VOA					
Prep Batch: 200-42171					
200-11842-1	S4-S-33804 (10A)B	T	Solid	5035	
200-11842-2	S4-S-33786 (20A)B	T	Solid	5035	
200-11842-3	S4-S-33820 (30A)B	T	Solid	5035	
200-11842-4	S4-S-33850 (10A)R	T	Solid	5035	
200-11842-5	S4-S-33859 (20A)R	T	Solid	5035	
200-11842-6	S4-S-33854 (30A)R	T	Solid	5035	
200-11842-7	S4-S-33880 (10A)BLK	T	Solid	5035	
200-11842-8TB	S4-MEOH BLANK	T	Solid	5035	
Prep Batch: 200-42282					
LCS 200-42282/5-A	Lab Control Sample	T	Solid	5035	
MB 200-42282/1-A	Method Blank	T	Solid	5035	
Analysis Batch:200-42334					
LCS 200-42334/3	Lab Control Sample	T	Solid	8260B	
MB 200-42334/8	Method Blank	T	Solid	8260B	
LCS 200-42282/5-A	Lab Control Sample	T	Solid	8260B	200-42282
MB 200-42282/1-A	Method Blank	T	Solid	8260B	200-42282
200-11842-1	S4-S-33804 (10A)B	T	Solid	8260B	200-42171
200-11842-2	S4-S-33786 (20A)B	T	Solid	8260B	200-42171
200-11842-3	S4-S-33820 (30A)B	T	Solid	8260B	200-42171
200-11842-4	S4-S-33850 (10A)R	T	Solid	8260B	200-42171
200-11842-5	S4-S-33859 (20A)R	T	Solid	8260B	200-42171
200-11842-6	S4-S-33854 (30A)R	T	Solid	8260B	200-42171
200-11842-7	S4-S-33880 (10A)BLK	T	Solid	8260B	200-42171
200-11842-8TB	S4-MEOH BLANK	T	Solid	8260B	200-42171

Report Basis

T = Total

Method 8260B

Volatile Organic Compounds (GC/MS) by Method 8260B

FORM II
GC/MS VOA SURROGATE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Matrix: Solid Level: Medium

GC Column (1): DB-624 ID: 0.53 (mm)

Client Sample ID	Lab Sample ID	DCA #	TOL #	BFB #	DCZ #
S4-S-33804 (10A)B	200-11842-1	97	105	102	96
S4-S-33786 (20A)B	200-11842-2	100	109	107	101
S4-S-33820 (30A)B	200-11842-3	97	107	104	98
S4-S-33850 (10A)R	200-11842-4	94	103	99	94
S4-S-33859 (20A)R	200-11842-5	95	106	101	95
S4-S-33854 (30A)R	200-11842-6	96	104	101	95
S4-S-33880 (10A)BLK	200-11842-7	92	102	97	93
S4-MEOH BLANK	200-11842-8	96	106	102	96
	MB 200-42282/1-A	91	103	100	96
	MB 200-42334/8	96	103	104	98
	LCS 200-42282/5-A	100	105	101	96
	LCS 200-42334/3	95	103	100	96

	QC LIMITS
DCA = 1,2-Dichloroethane-d4	65-155
TOL = Toluene-d8	80-115
BFB = Bromofluorobenzene	80-115
DCZ = 1,2-Dichlorobenzene-d4	45-145

Column to be used to flag recovery values

FORM II 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Matrix: Solid Level: Medium Lab File ID: lhme04.d

Lab ID: LCS 200-42282/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	250	190	76	30-180	
Chloromethane	250	229	92	55-150	
Vinyl chloride	250	255	102	65-145	
Bromomethane	250	104	42	65-145	*
Chloroethane	250	94.2	38	70-135	*
Trichlorofluoromethane	250	156	62	70-140	*
1,1-Dichloroethene	250	135	54	75-135	*
Freon TF	250	125	50	75-140	*
Acetone	1250	1160	93	50-130	
Methyl iodide	250	132	53	70-150	*
Carbon disulfide	250	217	87	80-135	
Methyl acetate	250	247	99	60-140	
Methylene Chloride	250	251	100	75-140	
trans-1,2-Dichloroethene	250	270	108	80-130	
Methyl t-butyl ether	250	240	96	85-130	
1,1-Dichloroethane	250	248	99	85-120	
Vinyl acetate	250	268	107	70-135	
2,2-Dichloropropane	250	268	107	85-120	
cis-1,2-Dichloroethene	250	265	106	80-120	
2-Butanone	1250	1270	102	70-135	
Bromochloromethane	250	229	91	75-125	
Tetrahydrofuran	3500	3660	104	75-125	
Chloroform	250	248	99	85-120	
1,1,1-Trichloroethane	250	258	103	80-115	
Cyclohexane	250	264	105	60-140	
1,1-Dichloropropene	250	267	107	85-120	
Carbon tetrachloride	250	251	100	80-115	
Isobutyl alcohol	12500	3640	29	70-135	*
Benzene	250	266	106	85-120	
1,2-Dichloroethane	250	248	99	75-120	
Trichloroethene	250	260	104	85-120	
Methylcyclohexane	250	263	105	60-140	
1,2-Dichloropropane	250	257	103	85-120	
Dibromomethane	250	241	96	80-120	
1,4-Dioxane	12500	12800	103	50-160	
Bromodichloromethane	250	241	96	80-115	
2-Chloroethyl vinyl ether	250	237	95	65-145	
cis-1,3-Dichloropropene	250	268	107	85-120	
4-Methyl-2-pentanone	1250	1270	101	65-135	
Toluene	250	267	107	75-125	
trans-1,3-Dichloropropene	250	262	105	85-120	
1,1,2-Trichloroethane	250	251	101	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Matrix: Solid Level: Medium Lab File ID: lhme04.d

Lab ID: LCS 200-42282/5-A Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Tetrachloroethene	250	269	108	85-120	
1,3-Dichloropropane	250	263	105	85-120	
2-Hexanone	1250	1340	107	70-135	
Dibromochloromethane	250	256	102	80-120	
1,2-Dibromoethane	250	261	104	80-120	
Chlorobenzene	250	264	105	80-120	
1,1,1,2-Tetrachloroethane	250	257	103	80-115	
Ethylbenzene	250	266	106	80-120	
m&p-Xylene	500	541	108	80-120	
o-Xylene	250	263	105	85-120	
Styrene	250	266	106	80-125	
Bromoform	250	249	99	75-130	
Isopropylbenzene	250	261	104	85-120	
Bromobenzene	250	258	103	85-120	
1,1,2,2-Tetrachloroethane	250	248	99	75-125	
1,2,3-Trichloropropane	250	244	98	70-125	
n-Propylbenzene	250	264	106	85-120	
2-Chlorotoluene	250	259	103	85-120	
4-Chlorotoluene	250	262	105	85-120	
1,3,5-Trimethylbenzene	250	259	104	85-120	
tert-Butylbenzene	250	262	105	85-120	
1,2,4-Trimethylbenzene	250	260	104	85-120	
sec-Butylbenzene	250	270	108	85-120	
1,3-Dichlorobenzene	250	263	105	80-120	
4-Isopropyltoluene	250	259	104	85-120	
1,4-Dichlorobenzene	250	262	105	85-120	
1,2-Dichlorobenzene	250	263	105	85-120	
n-Butylbenzene	250	277	111	85-125	
1,2-Dibromo-3-Chloropropane	250	232	93	65-130	
1,2,4-Trichlorobenzene	250	271	109	80-125	
Hexachlorobutadiene	250	301	120	65-150	
Naphthalene	250	246	98	80-125	
1,2,3-Trichlorobenzene	250	264	105	70-125	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Matrix: Solid Level: Medium Lab File ID: lhme03.d

Lab ID: LCS 200-42334/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Dichlorodifluoromethane	25.0	19.2	77	30-180	
Chloromethane	25.0	20.5	82	55-150	
Vinyl chloride	25.0	26.1	104	65-145	
Bromomethane	25.0	22.1	89	65-145	
Chloroethane	25.0	23.7	95	70-135	
Trichlorofluoromethane	25.0	23.3	93	70-140	
1,1-Dichloroethene	25.0	27.3	109	75-135	
Freon TF	25.0	23.6	94	75-140	
Acetone	125	133	107	50-130	
Methyl iodide	25.0	32.3	129	70-150	
Carbon disulfide	25.0	23.7	95	80-135	
Methyl acetate	25.0	24.1	96	60-140	
Methylene Chloride	25.0	25.7	103	75-140	
trans-1,2-Dichloroethene	25.0	26.7	107	80-130	
Methyl t-butyl ether	25.0	24.6	99	85-130	
1,1-Dichloroethane	25.0	25.2	101	85-120	
Vinyl acetate	25.0	31.8	127	70-135	
2,2-Dichloropropane	25.0	26.6	106	85-120	
cis-1,2-Dichloroethene	25.0	26.4	105	80-120	
2-Butanone	125	137	109	70-135	
Bromochloromethane	25.0	27.1	108	75-125	
Tetrahydrofuran	350	373	107	75-125	
Chloroform	25.0	24.9	100	85-120	
1,1,1-Trichloroethane	25.0	25.2	101	80-115	
Cyclohexane	25.0	25.8	103	60-140	
1,1-Dichloropropene	25.0	25.5	102	85-120	
Carbon tetrachloride	25.0	25.1	100	80-115	
Isobutyl alcohol	1250	1340	107	70-135	
Benzene	25.0	26.3	105	85-120	
1,2-Dichloroethane	25.0	25.2	101	75-120	
Trichloroethene	25.0	25.4	102	85-120	
Methylcyclohexane	25.0	25.1	100	60-140	
1,2-Dichloropropane	25.0	25.7	103	85-120	
Dibromomethane	25.0	24.8	99	80-120	
1,4-Dioxane	1250	1300	104	50-160	
Bromodichloromethane	25.0	24.7	99	80-115	
2-Chloroethyl vinyl ether	25.0	24.9	100	65-145	
cis-1,3-Dichloropropene	25.0	27.2	109	85-120	
4-Methyl-2-pentanone	125	139	111	65-135	
Toluene	25.0	26.2	105	75-125	
trans-1,3-Dichloropropene	25.0	26.0	104	85-120	
1,1,2-Trichloroethane	25.0	25.5	102	75-125	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM III
GC/MS VOA LAB CONTROL SAMPLE RECOVERY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Matrix: Solid Level: Medium Lab File ID: lhme03.d

Lab ID: LCS 200-42334/3 Client ID:

COMPOUND	SPIKE ADDED (ug/Kg)	LCS CONCENTRATION (ug/Kg)	LCS % REC	QC LIMITS REC	#
Tetrachloroethene	25.0	26.1	104	85-120	
1,3-Dichloropropane	25.0	26.3	105	85-120	
2-Hexanone	125	146	117	70-135	
Dibromochloromethane	25.0	26.1	104	80-120	
1,2-Dibromoethane	25.0	26.1	104	80-120	
Chlorobenzene	25.0	26.1	104	80-120	
1,1,1,2-Tetrachloroethane	25.0	25.7	103	80-115	
Ethylbenzene	25.0	25.9	104	80-120	
m&p-Xylene	50.0	52.5	105	80-120	
o-Xylene	25.0	25.9	104	85-120	
Styrene	25.0	26.1	104	80-125	
Bromoform	25.0	26.1	104	75-130	
Isopropylbenzene	25.0	25.6	102	85-120	
Bromobenzene	25.0	25.7	103	85-120	
1,1,2,2-Tetrachloroethane	25.0	26.2	105	75-125	
1,2,3-Trichloropropane	25.0	25.5	102	70-125	
n-Propylbenzene	25.0	25.6	102	85-120	
2-Chlorotoluene	25.0	25.5	102	85-120	
4-Chlorotoluene	25.0	25.8	103	85-120	
1,3,5-Trimethylbenzene	25.0	25.4	102	85-120	
tert-Butylbenzene	25.0	25.4	101	85-120	
1,2,4-Trimethylbenzene	25.0	25.7	103	85-120	
sec-Butylbenzene	25.0	25.9	103	85-120	
1,3-Dichlorobenzene	25.0	25.6	102	80-120	
4-Isopropyltoluene	25.0	24.8	99	85-120	
1,4-Dichlorobenzene	25.0	26.0	104	85-120	
1,2-Dichlorobenzene	25.0	26.0	104	85-120	
n-Butylbenzene	25.0	25.7	103	85-125	
1,2-Dibromo-3-Chloropropane	25.0	24.9	100	65-130	
1,2,4-Trichlorobenzene	25.0	25.7	103	80-125	
Hexachlorobutadiene	25.0	26.5	106	65-150	
Naphthalene	25.0	25.6	102	80-125	
1,2,3-Trichlorobenzene	25.0	25.9	104	70-125	

Column to be used to flag recovery and RPD values

FORM III 8260B

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab File ID: lhme08.d Lab Sample ID: MB 200-42334/8

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: L.i Date Analyzed: 07/24/2012 13:05

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-42334/3	lhme03.d	07/24/2012 10:23

FORM IV
GC/MS VOA METHOD BLANK SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab File ID: lhme06.d Lab Sample ID: MB 200-42282/1-A

Matrix: Solid Heated Purge:(Y/N) N

Instrument ID: L.i Date Analyzed: 07/24/2012 12:00

GC Column: DB-624 ID: 0.53(mm)

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
	LCS 200-42282/5-A	lhme04.d	07/24/2012 10:55
S4-S-33804 (10A)B	200-11842-1	lhme16.d	07/24/2012 17:23
S4-S-33786 (20A)B	200-11842-2	lhme17.d	07/24/2012 17:56
S4-S-33820 (30A)B	200-11842-3	lhme18.d	07/24/2012 18:28
S4-S-33850 (10A)R	200-11842-4	lhme19.d	07/24/2012 19:00
S4-S-33859 (20A)R	200-11842-5	lhme20.d	07/24/2012 19:33
S4-S-33854 (30A)R	200-11842-6	lhme21.d	07/24/2012 20:05
S4-S-33880 (10A)BLK	200-11842-7	lhme22.d	07/24/2012 20:37
S4-MEOH BLANK	200-11842-8	lhme23.d	07/24/2012 21:09

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab File ID: lhm01.d BFB Injection Date: 07/17/2012

Instrument ID: L.i BFB Injection Time: 15:32

Analysis Batch No.: 41981

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	18.9	
75	30.0 - 60.0 % of mass 95	45.0	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	6.6	
173	Less than 2.0 % of mass 174	0.0	(0.0)1
174	50.0 - 120.00 % of mass 95	75.8	
175	5.0 - 9.0 % of mass 174	5.5	(7.2)1
176	95.0 - 101.0 % of mass 174	73.9	(97.5)1
177	5.0 - 9.0 % of mass 176	4.8	(6.4)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	IC 200-41981/3	lhm03.d	07/17/2012	16:24
	IC 200-41981/4	lhm04.d	07/17/2012	16:56
	IC 200-41981/5	lhm05.d	07/17/2012	17:29
	ICIS 200-41981/6	lhm06.d	07/17/2012	18:01
	IC 200-41981/7	lhm07.d	07/17/2012	18:34
	IC 200-41981/8	lhm08.d	07/17/2012	19:06
	ICV 200-41981/11	lhm11.d	07/17/2012	20:43

FORM V
GC/MS VOA INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab File ID: lhme01.d BFB Injection Date: 07/24/2012

Instrument ID: L.i BFB Injection Time: 09:36

Analysis Batch No.: 42334

M/E	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE	
50	15.0 - 40.0 % of mass 95	20.1	
75	30.0 - 60.0 % of mass 95	46.1	
95	Base Peak, 100% relative abundance	100.0	
96	5.0 - 9.0 % of mass 95	7.2	
173	Less than 2.0 % of mass 174	0.3	(0.4)1
174	50.0 - 120.00 % of mass 95	74.7	
175	5.0 - 9.0 % of mass 174	5.2	(6.9)1
176	95.0 - 101.0 % of mass 174	75.3	(100.7)1
177	5.0 - 9.0 % of mass 176	4.8	(6.3)2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS AND STANDARDS:

CLIENT SAMPLE ID	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
	CCVIS 200-42334/2	lhme02.d	07/24/2012	09:51
	LCS 200-42334/3	lhme03.d	07/24/2012	10:23
	LCS 200-42282/5-A	lhme04.d	07/24/2012	10:55
	MB 200-42282/1-A	lhme06.d	07/24/2012	12:00
	MB 200-42334/8	lhme08.d	07/24/2012	13:05
S4-S-33804 (10A)B	200-11842-1	lhme16.d	07/24/2012	17:23
S4-S-33786 (20A)B	200-11842-2	lhme17.d	07/24/2012	17:56
S4-S-33820 (30A)B	200-11842-3	lhme18.d	07/24/2012	18:28
S4-S-33850 (10A)R	200-11842-4	lhme19.d	07/24/2012	19:00
S4-S-33859 (20A)R	200-11842-5	lhme20.d	07/24/2012	19:33
S4-S-33854 (30A)R	200-11842-6	lhme21.d	07/24/2012	20:05
S4-S-33880 (10A)BLK	200-11842-7	lhme22.d	07/24/2012	20:37
S4-MEOH BLANK	200-11842-8	lhme23.d	07/24/2012	21:09

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Sample No.: ICIS 200-41981/6 Date Analyzed: 07/17/2012 18:01

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): lhm06.d Heated Purge: (Y/N) N

Calibration ID: 16702

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
INITIAL CALIBRATION MID-POINT		3041618	9.76	2361402	15.53	1301775	19.99
UPPER LIMIT		6083236	10.26	4722804	16.03	2603550	20.49
LOWER LIMIT		1520809	9.26	1180701	15.03	650888	19.49
LAB SAMPLE ID	CLIENT SAMPLE ID						
ICV 200-41981/11		3026724	9.75	2327753	15.52	1287599	19.99

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM VIII
GC/MS VOA INTERNAL STANDARD AREA AND RETENTION TIME SUMMARY

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Sample No.: CCVIS 200-42334/2 Date Analyzed: 07/24/2012 09:51

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm)

Lab File ID (Standard): lhme02.d Heated Purge: (Y/N) N

Calibration ID: 16702

		FB		CBZ		DCB	
		AREA #	RT #	AREA #	RT #	AREA #	RT #
12/24 HOUR STD		3120960	9.76	2446596	15.54	1370115	20.00
UPPER LIMIT		6241920	10.26	4893192	16.04	2740230	20.50
LOWER LIMIT		1560480	9.26	1223298	15.04	685058	19.50
LAB SAMPLE ID	CLIENT SAMPLE ID						
LCS 200-42334/3		3247962	9.76	2514120	15.54	1406163	20.00
LCS 200-42282/5-A		3132754	9.72	2382539	15.53	1350964	20.00
MB 200-42282/1-A		3250557	9.70	2462058	15.50	1388454	19.99
MB 200-42334/8		3235696	9.74	2518124	15.50	1369835	19.98
200-11842-1	S4-S-33804 (10A)B	3048686	9.69	2358377	15.49	1338722	19.99
200-11842-2	S4-S-33786 (20A)B	2894785	9.69	2211871	15.49	1236006	19.99
200-11842-3	S4-S-33820 (30A)B	2840879	9.68	2164512	15.50	1193645	19.99
200-11842-4	S4-S-33850 (10A)R	2951467	9.69	2252777	15.50	1256518	19.98
200-11842-5	S4-S-33859 (20A)R	2953193	9.68	2245073	15.49	1261914	19.99
200-11842-6	S4-S-33854 (30A)R	2898739	9.69	2204694	15.49	1232883	19.99
200-11842-7	S4-S-33880 (10A)BLK	3129468	9.68	2410895	15.49	1350722	19.99
200-11842-8	S4-MEOH BLANK	3015709	9.68	2335897	15.49	1291207	19.99

FB = Fluorobenzene
CBZ = Chlorobenzene-d5
DCB = 1,4-Dichlorobenzene-d4

Area Limit = 50%-200% of internal standard area
RT Limit = ± 0.5 minutes of internal standard RT

Column used to flag values outside QC limits

FORM VIII 8260B

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33804 (10A)B | Lab Sample ID: 200-11842-1

Matrix: Solid | Lab File ID: lhme16.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 9.56(g) | Date Analyzed: 07/24/2012 17:23

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10	U	10	2.2
74-87-3	Chloromethane	4.1	J B	10	2.7
75-01-4	Vinyl chloride	10	U	10	2.1
74-83-9	Bromomethane	6.8	J B *	10	2.6
75-00-3	Chloroethane	10	U *	10	1.6
75-69-4	Trichlorofluoromethane	10	U *	10	1.4
75-35-4	1,1-Dichloroethene	10	U *	10	2.3
76-13-1	Freon TF	10	U *	10	1.9
67-64-1	Acetone	52	U	52	9.3
74-88-4	Methyl iodide	10	U *	10	0.77
75-15-0	Carbon disulfide	10	U	10	1.7
79-20-9	Methyl acetate	10	U	10	2.2
75-09-2	Methylene Chloride	5.9	J	10	2.8
156-60-5	trans-1,2-Dichloroethene	10	U	10	2.1
1634-04-4	Methyl t-butyl ether	10	U	10	1.9
75-34-3	1,1-Dichloroethane	10	U	10	2.1
108-05-4	Vinyl acetate	10	U	10	4.6
594-20-7	2,2-Dichloropropane	10	U	10	2.3
156-59-2	cis-1,2-Dichloroethene	10	U	10	1.9
78-93-3	2-Butanone	52	U	52	9.0
74-97-5	Bromochloromethane	10	U	10	2.0
109-99-9	Tetrahydrofuran	150	U	150	23
67-66-3	Chloroform	2.5	J	10	2.0
71-55-6	1,1,1-Trichloroethane	10	U	10	2.1
110-82-7	Cyclohexane	10	U	10	2.1
563-58-6	1,1-Dichloropropene	10	U	10	2.1
56-23-5	Carbon tetrachloride	10	U	10	1.6
78-83-1	Isobutyl alcohol	520	U *	520	98
71-43-2	Benzene	10	U	10	2.2
107-06-2	1,2-Dichloroethane	10	U	10	1.8
79-01-6	Trichloroethene	10	U	10	1.8
108-87-2	Methylcyclohexane	10	U	10	1.9
78-87-5	1,2-Dichloropropane	10	U	10	2.0
74-95-3	Dibromomethane	10	U	10	2.0
123-91-1	1,4-Dioxane	520	U	520	120
75-27-4	Bromodichloromethane	10	U	10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33804 (10A)B | Lab Sample ID: 200-11842-1

Matrix: Solid | Lab File ID: lhme16.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 9.56(g) | Date Analyzed: 07/24/2012 17:23

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	10	U	10	1.8
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.9
108-10-1	4-Methyl-2-pentanone	52	U	52	11
108-88-3	Toluene	10	U	10	2.1
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.8
79-00-5	1,1,2-Trichloroethane	10	U	10	2.0
127-18-4	Tetrachloroethene	10	U	10	2.1
142-28-9	1,3-Dichloropropane	10	U	10	1.7
591-78-6	2-Hexanone	52	U	52	8.1
124-48-1	Dibromochloromethane	10	U	10	1.7
106-93-4	1,2-Dibromoethane	10	U	10	2.0
108-90-7	Chlorobenzene	10	U	10	2.1
630-20-6	1,1,1,2-Tetrachloroethane	10	U	10	2.1
100-41-4	Ethylbenzene	10	U	10	2.1
179601-23-1	m&p-Xylene	10	U	10	3.9
95-47-6	o-Xylene	10	U	10	2.2
100-42-5	Styrene	10	U	10	1.8
75-25-2	Bromoform	10	U	10	1.8
98-82-8	Isopropylbenzene	10	U	10	2.0
108-86-1	Bromobenzene	10	U	10	2.1
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.9
96-18-4	1,2,3-Trichloropropane	10	U	10	1.9
103-65-1	n-Propylbenzene	10	U	10	2.1
95-49-8	2-Chlorotoluene	10	U	10	2.3
106-43-4	4-Chlorotoluene	10	U	10	2.3
108-67-8	1,3,5-Trimethylbenzene	10	U	10	2.1
98-06-6	tert-Butylbenzene	10	U	10	1.9
95-63-6	1,2,4-Trimethylbenzene	10	U	10	1.9
135-98-8	sec-Butylbenzene	10	U	10	2.0
541-73-1	1,3-Dichlorobenzene	10	U	10	2.0
99-87-6	4-Isopropyltoluene	10	U	10	2.0
106-46-7	1,4-Dichlorobenzene	10	U	10	2.0
95-50-1	1,2-Dichlorobenzene	10	U	10	2.1
104-51-8	n-Butylbenzene	10	U	10	2.0
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	1.8
120-82-1	1,2,4-Trichlorobenzene	10	U	10	2.1

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-11842-1
SDG No.: Sylvan Grove (200-11842)
Client Sample ID: S4-S-33804 (10A)B
Lab Sample ID: 200-11842-1
Matrix: Solid
Lab File ID: lhme16.d
Analysis Method: 8260B
Date Collected: 07/16/2012 00:00
Sample wt/vol: 9.56(g)
Date Analyzed: 07/24/2012 17:23
Soil Aliquot Vol: 500 (uL)
Dilution Factor: 1
Soil Extract Vol.: 10(mL)
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Medium
Analysis Batch No.: 42334
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	10	U	10	1.7
91-20-3	Naphthalene	10	U	10	1.6
87-61-6	1,2,3-Trichlorobenzene	10	U	10	2.0

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	97		65-155
2037-26-5	Toluene-d8	105		80-115
460-00-4	Bromofluorobenzene	102		80-115
2199-69-1	1,2-Dichlorobenzene-d4	96		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33786 (20A)B | Lab Sample ID: 200-11842-2

Matrix: Solid | Lab File ID: lhme17.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 11.53(g) | Date Analyzed: 07/24/2012 17:56

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	8.7	U	8.7	1.8
74-87-3	Chloromethane	3.3	J B	8.7	2.3
75-01-4	Vinyl chloride	8.7	U	8.7	1.7
74-83-9	Bromomethane	5.8	J B *	8.7	2.2
75-00-3	Chloroethane	8.7	U *	8.7	1.3
75-69-4	Trichlorofluoromethane	8.7	U *	8.7	1.1
75-35-4	1,1-Dichloroethene	8.7	U *	8.7	1.9
76-13-1	Freon TF	8.7	U *	8.7	1.6
67-64-1	Acetone	43	U	43	7.7
74-88-4	Methyl iodide	3.3	J *	8.7	0.64
75-15-0	Carbon disulfide	8.7	U	8.7	1.4
79-20-9	Methyl acetate	8.7	U	8.7	1.8
75-09-2	Methylene Chloride	7.0	J	8.7	2.3
156-60-5	trans-1,2-Dichloroethene	8.7	U	8.7	1.7
1634-04-4	Methyl t-butyl ether	8.7	U	8.7	1.6
75-34-3	1,1-Dichloroethane	8.7	U	8.7	1.7
108-05-4	Vinyl acetate	8.7	U	8.7	3.8
594-20-7	2,2-Dichloropropane	8.7	U	8.7	1.9
156-59-2	cis-1,2-Dichloroethene	8.7	U	8.7	1.6
78-93-3	2-Butanone	43	U	43	7.5
74-97-5	Bromochloromethane	8.7	U	8.7	1.6
109-99-9	Tetrahydrofuran	120	U	120	19
67-66-3	Chloroform	1.8	J	8.7	1.6
71-55-6	1,1,1-Trichloroethane	8.7	U	8.7	1.7
110-82-7	Cyclohexane	8.7	U	8.7	1.7
563-58-6	1,1-Dichloropropene	8.7	U	8.7	1.7
56-23-5	Carbon tetrachloride	8.7	U	8.7	1.3
78-83-1	Isobutyl alcohol	430	U *	430	81
71-43-2	Benzene	8.7	U	8.7	1.8
107-06-2	1,2-Dichloroethane	8.7	U	8.7	1.5
79-01-6	Trichloroethene	8.7	U	8.7	1.5
108-87-2	Methylcyclohexane	8.7	U	8.7	1.6
78-87-5	1,2-Dichloropropane	8.7	U	8.7	1.6
74-95-3	Dibromomethane	8.7	U	8.7	1.6
123-91-1	1,4-Dioxane	430	U	430	97
75-27-4	Bromodichloromethane	8.7	U	8.7	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33786 (20A)B | Lab Sample ID: 200-11842-2

Matrix: Solid | Lab File ID: lhme17.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 11.53(g) | Date Analyzed: 07/24/2012 17:56

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	8.7	U	8.7	1.5
10061-01-5	cis-1,3-Dichloropropene	8.7	U	8.7	1.6
108-10-1	4-Methyl-2-pentanone	43	U	43	9.4
108-88-3	Toluene	8.7	U	8.7	1.7
10061-02-6	trans-1,3-Dichloropropene	8.7	U	8.7	1.5
79-00-5	1,1,2-Trichloroethane	8.7	U	8.7	1.6
127-18-4	Tetrachloroethene	8.7	U	8.7	1.7
142-28-9	1,3-Dichloropropane	8.7	U	8.7	1.4
591-78-6	2-Hexanone	43	U	43	6.7
124-48-1	Dibromochloromethane	8.7	U	8.7	1.4
106-93-4	1,2-Dibromoethane	8.7	U	8.7	1.6
108-90-7	Chlorobenzene	8.7	U	8.7	1.7
630-20-6	1,1,1,2-Tetrachloroethane	8.7	U	8.7	1.7
100-41-4	Ethylbenzene	8.7	U	8.7	1.7
179601-23-1	m&p-Xylene	8.7	U	8.7	3.2
95-47-6	o-Xylene	8.7	U	8.7	1.8
100-42-5	Styrene	8.7	U	8.7	1.5
75-25-2	Bromoform	8.7	U	8.7	1.5
98-82-8	Isopropylbenzene	8.7	U	8.7	1.6
108-86-1	Bromobenzene	8.7	U	8.7	1.7
79-34-5	1,1,2,2-Tetrachloroethane	8.7	U	8.7	1.6
96-18-4	1,2,3-Trichloropropane	8.7	U	8.7	1.6
103-65-1	n-Propylbenzene	8.7	U	8.7	1.7
95-49-8	2-Chlorotoluene	8.7	U	8.7	1.9
106-43-4	4-Chlorotoluene	8.7	U	8.7	1.9
108-67-8	1,3,5-Trimethylbenzene	8.7	U	8.7	1.7
98-06-6	tert-Butylbenzene	8.7	U	8.7	1.6
95-63-6	1,2,4-Trimethylbenzene	8.7	U	8.7	1.6
135-98-8	sec-Butylbenzene	8.7	U	8.7	1.6
541-73-1	1,3-Dichlorobenzene	8.7	U	8.7	1.6
99-87-6	4-Isopropyltoluene	8.7	U	8.7	1.6
106-46-7	1,4-Dichlorobenzene	8.7	U	8.7	1.6
95-50-1	1,2-Dichlorobenzene	8.7	U	8.7	1.7
104-51-8	n-Butylbenzene	8.7	U	8.7	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	8.7	U	8.7	1.5
120-82-1	1,2,4-Trichlorobenzene	8.7	U	8.7	1.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33786 (20A)B | Lab Sample ID: 200-11842-2

Matrix: Solid | Lab File ID: lhme17.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 11.53(g) | Date Analyzed: 07/24/2012 17:56

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	8.7	U	8.7	1.4
91-20-3	Naphthalene	8.7	U	8.7	1.3
87-61-6	1,2,3-Trichlorobenzene	8.7	U	8.7	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	100		65-155
2037-26-5	Toluene-d8	109		80-115
460-00-4	Bromofluorobenzene	107		80-115
2199-69-1	1,2-Dichlorobenzene-d4	101		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33820 (30A)B | Lab Sample ID: 200-11842-3

Matrix: Solid | Lab File ID: lhme18.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 10.58(g) | Date Analyzed: 07/24/2012 18:28

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	9.5	U	9.5	2.0
74-87-3	Chloromethane	4.4	J B	9.5	2.5
75-01-4	Vinyl chloride	9.5	U	9.5	1.9
74-83-9	Bromomethane	6.9	J B *	9.5	2.4
75-00-3	Chloroethane	9.5	U *	9.5	1.4
75-69-4	Trichlorofluoromethane	9.5	U *	9.5	1.2
75-35-4	1,1-Dichloroethene	9.5	U *	9.5	2.1
76-13-1	Freon TF	9.5	U *	9.5	1.7
67-64-1	Acetone	47	U	47	8.4
74-88-4	Methyl iodide	9.5	U *	9.5	0.70
75-15-0	Carbon disulfide	9.5	U	9.5	1.5
79-20-9	Methyl acetate	9.5	U	9.5	2.0
75-09-2	Methylene Chloride	4.3	J	9.5	2.6
156-60-5	trans-1,2-Dichloroethene	9.5	U	9.5	1.9
1634-04-4	Methyl t-butyl ether	9.5	U	9.5	1.7
75-34-3	1,1-Dichloroethane	9.5	U	9.5	1.9
108-05-4	Vinyl acetate	9.5	U	9.5	4.2
594-20-7	2,2-Dichloropropane	9.5	U	9.5	2.1
156-59-2	cis-1,2-Dichloroethene	9.5	U	9.5	1.7
78-93-3	2-Butanone	47	U	47	8.1
74-97-5	Bromochloromethane	9.5	U	9.5	1.8
109-99-9	Tetrahydrofuran	130	U	130	21
67-66-3	Chloroform	2.0	J	9.5	1.8
71-55-6	1,1,1-Trichloroethane	9.5	U	9.5	1.9
110-82-7	Cyclohexane	9.5	U	9.5	1.9
563-58-6	1,1-Dichloropropene	9.5	U	9.5	1.9
56-23-5	Carbon tetrachloride	9.5	U	9.5	1.4
78-83-1	Isobutyl alcohol	470	U *	470	88
71-43-2	Benzene	9.5	U	9.5	2.0
107-06-2	1,2-Dichloroethane	9.5	U	9.5	1.6
79-01-6	Trichloroethene	9.5	U	9.5	1.6
108-87-2	Methylcyclohexane	9.5	U	9.5	1.7
78-87-5	1,2-Dichloropropane	9.5	U	9.5	1.8
74-95-3	Dibromomethane	9.5	U	9.5	1.8
123-91-1	1,4-Dioxane	470	U	470	110
75-27-4	Bromodichloromethane	9.5	U	9.5	1.8

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33820 (30A)B | Lab Sample ID: 200-11842-3

Matrix: Solid | Lab File ID: lhme18.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 10.58(g) | Date Analyzed: 07/24/2012 18:28

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	9.5	U	9.5	1.6
10061-01-5	cis-1,3-Dichloropropene	9.5	U	9.5	1.7
108-10-1	4-Methyl-2-pentanone	47	U	47	10
108-88-3	Toluene	9.5	U	9.5	1.9
10061-02-6	trans-1,3-Dichloropropene	9.5	U	9.5	1.6
79-00-5	1,1,2-Trichloroethane	9.5	U	9.5	1.8
127-18-4	Tetrachloroethene	9.5	U	9.5	1.9
142-28-9	1,3-Dichloropropane	9.5	U	9.5	1.5
591-78-6	2-Hexanone	47	U	47	7.3
124-48-1	Dibromochloromethane	9.5	U	9.5	1.5
106-93-4	1,2-Dibromoethane	9.5	U	9.5	1.8
108-90-7	Chlorobenzene	9.5	U	9.5	1.9
630-20-6	1,1,1,2-Tetrachloroethane	9.5	U	9.5	1.9
100-41-4	Ethylbenzene	9.5	U	9.5	1.9
179601-23-1	m&p-Xylene	9.5	U	9.5	3.5
95-47-6	o-Xylene	9.5	U	9.5	2.0
100-42-5	Styrene	9.5	U	9.5	1.6
75-25-2	Bromoform	9.5	U	9.5	1.6
98-82-8	Isopropylbenzene	9.5	U	9.5	1.8
108-86-1	Bromobenzene	9.5	U	9.5	1.9
79-34-5	1,1,2,2-Tetrachloroethane	9.5	U	9.5	1.7
96-18-4	1,2,3-Trichloropropane	9.5	U	9.5	1.7
103-65-1	n-Propylbenzene	9.5	U	9.5	1.9
95-49-8	2-Chlorotoluene	9.5	U	9.5	2.1
106-43-4	4-Chlorotoluene	9.5	U	9.5	2.1
108-67-8	1,3,5-Trimethylbenzene	9.5	U	9.5	1.9
98-06-6	tert-Butylbenzene	9.5	U	9.5	1.7
95-63-6	1,2,4-Trimethylbenzene	9.5	U	9.5	1.7
135-98-8	sec-Butylbenzene	9.5	U	9.5	1.8
541-73-1	1,3-Dichlorobenzene	9.5	U	9.5	1.8
99-87-6	4-Isopropyltoluene	9.5	U	9.5	1.8
106-46-7	1,4-Dichlorobenzene	9.5	U	9.5	1.8
95-50-1	1,2-Dichlorobenzene	9.5	U	9.5	1.9
104-51-8	n-Butylbenzene	9.5	U	9.5	1.8
96-12-8	1,2-Dibromo-3-Chloropropane	9.5	U	9.5	1.6
120-82-1	1,2,4-Trichlorobenzene	9.5	U	9.5	1.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-11842-1
SDG No.: Sylvan Grove (200-11842)
Client Sample ID: S4-S-33820 (30A)B
Lab Sample ID: 200-11842-3
Matrix: Solid
Lab File ID: lhme18.d
Analysis Method: 8260B
Date Collected: 07/16/2012 00:00
Sample wt/vol: 10.58(g)
Date Analyzed: 07/24/2012 18:28
Soil Aliquot Vol: 500 (uL)
Dilution Factor: 1
Soil Extract Vol.: 10(mL)
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Medium
Analysis Batch No.: 42334
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	9.5	U	9.5	1.5
91-20-3	Naphthalene	9.5	U	9.5	1.4
87-61-6	1,2,3-Trichlorobenzene	9.5	U	9.5	1.8

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	97		65-155
2037-26-5	Toluene-d8	107		80-115
460-00-4	Bromofluorobenzene	104		80-115
2199-69-1	1,2-Dichlorobenzene-d4	98		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33850 (10A)R | Lab Sample ID: 200-11842-4

Matrix: Solid | Lab File ID: lhme19.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 13.19(g) | Date Analyzed: 07/24/2012 19:00

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	7.6	U	7.6	1.6
74-87-3	Chloromethane	7.6	U	7.6	2.0
75-01-4	Vinyl chloride	7.6	U	7.6	1.5
74-83-9	Bromomethane	5.1	J B *	7.6	1.9
75-00-3	Chloroethane	7.6	U *	7.6	1.1
75-69-4	Trichlorofluoromethane	7.6	U *	7.6	0.99
75-35-4	1,1-Dichloroethene	7.6	U *	7.6	1.7
76-13-1	Freon TF	7.6	U *	7.6	1.4
67-64-1	Acetone	38	U	38	6.7
74-88-4	Methyl iodide	7.6	U *	7.6	0.56
75-15-0	Carbon disulfide	7.6	U	7.6	1.2
79-20-9	Methyl acetate	7.6	U	7.6	1.6
75-09-2	Methylene Chloride	7.6	U	7.6	2.0
156-60-5	trans-1,2-Dichloroethene	7.6	U	7.6	1.5
1634-04-4	Methyl t-butyl ether	7.6	U	7.6	1.4
75-34-3	1,1-Dichloroethane	7.6	U	7.6	1.5
108-05-4	Vinyl acetate	7.6	U	7.6	3.3
594-20-7	2,2-Dichloropropane	7.6	U	7.6	1.7
156-59-2	cis-1,2-Dichloroethene	7.6	U	7.6	1.4
78-93-3	2-Butanone	38	U	38	6.5
74-97-5	Bromochloromethane	7.6	U	7.6	1.4
109-99-9	Tetrahydrofuran	110	U	110	17
67-66-3	Chloroform	7.6	U	7.6	1.4
71-55-6	1,1,1-Trichloroethane	7.6	U	7.6	1.5
110-82-7	Cyclohexane	7.6	U	7.6	1.5
563-58-6	1,1-Dichloropropene	7.6	U	7.6	1.5
56-23-5	Carbon tetrachloride	7.6	U	7.6	1.1
78-83-1	Isobutyl alcohol	380	U *	380	71
71-43-2	Benzene	7.6	U	7.6	1.6
107-06-2	1,2-Dichloroethane	7.6	U	7.6	1.3
79-01-6	Trichloroethene	7.6	U	7.6	1.3
108-87-2	Methylcyclohexane	7.6	U	7.6	1.4
78-87-5	1,2-Dichloropropane	7.6	U	7.6	1.4
74-95-3	Dibromomethane	7.6	U	7.6	1.4
123-91-1	1,4-Dioxane	380	U	380	84
75-27-4	Bromodichloromethane	7.6	U	7.6	1.4

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33850 (10A)R | Lab Sample ID: 200-11842-4

Matrix: Solid | Lab File ID: lhme19.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 13.19(g) | Date Analyzed: 07/24/2012 19:00

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	7.6	U	7.6	1.3
10061-01-5	cis-1,3-Dichloropropene	7.6	U	7.6	1.4
108-10-1	4-Methyl-2-pentanone	38	U	38	8.2
108-88-3	Toluene	7.6	U	7.6	1.5
10061-02-6	trans-1,3-Dichloropropene	7.6	U	7.6	1.3
79-00-5	1,1,2-Trichloroethane	7.6	U	7.6	1.4
127-18-4	Tetrachloroethene	7.6	U	7.6	1.5
142-28-9	1,3-Dichloropropane	7.6	U	7.6	1.2
591-78-6	2-Hexanone	38	U	38	5.8
124-48-1	Dibromochloromethane	7.6	U	7.6	1.2
106-93-4	1,2-Dibromoethane	7.6	U	7.6	1.4
108-90-7	Chlorobenzene	7.6	U	7.6	1.5
630-20-6	1,1,1,2-Tetrachloroethane	7.6	U	7.6	1.5
100-41-4	Ethylbenzene	7.6	U	7.6	1.5
179601-23-1	m&p-Xylene	7.6	U	7.6	2.8
95-47-6	o-Xylene	7.6	U	7.6	1.6
100-42-5	Styrene	7.6	U	7.6	1.3
75-25-2	Bromoform	7.6	U	7.6	1.3
98-82-8	Isopropylbenzene	7.6	U	7.6	1.4
108-86-1	Bromobenzene	7.6	U	7.6	1.5
79-34-5	1,1,2,2-Tetrachloroethane	7.6	U	7.6	1.4
96-18-4	1,2,3-Trichloropropane	7.6	U	7.6	1.4
103-65-1	n-Propylbenzene	7.6	U	7.6	1.5
95-49-8	2-Chlorotoluene	7.6	U	7.6	1.7
106-43-4	4-Chlorotoluene	7.6	U	7.6	1.7
108-67-8	1,3,5-Trimethylbenzene	7.6	U	7.6	1.5
98-06-6	tert-Butylbenzene	7.6	U	7.6	1.4
95-63-6	1,2,4-Trimethylbenzene	7.6	U	7.6	1.4
135-98-8	sec-Butylbenzene	7.6	U	7.6	1.4
541-73-1	1,3-Dichlorobenzene	7.6	U	7.6	1.4
99-87-6	4-Isopropyltoluene	7.6	U	7.6	1.4
106-46-7	1,4-Dichlorobenzene	7.6	U	7.6	1.4
95-50-1	1,2-Dichlorobenzene	7.6	U	7.6	1.5
104-51-8	n-Butylbenzene	7.6	U	7.6	1.4
96-12-8	1,2-Dibromo-3-Chloropropane	7.6	U	7.6	1.3
120-82-1	1,2,4-Trichlorobenzene	7.6	U	7.6	1.5

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33850 (10A)R | Lab Sample ID: 200-11842-4

Matrix: Solid | Lab File ID: lhme19.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 13.19(g) | Date Analyzed: 07/24/2012 19:00

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	7.6	U	7.6	1.2
91-20-3	Naphthalene	7.6	U	7.6	1.1
87-61-6	1,2,3-Trichlorobenzene	7.6	U	7.6	1.4

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	94		65-155
2037-26-5	Toluene-d8	103		80-115
460-00-4	Bromofluorobenzene	99		80-115
2199-69-1	1,2-Dichlorobenzene-d4	94		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33859 (20A)R | Lab Sample ID: 200-11842-5

Matrix: Solid | Lab File ID: lhme20.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 9.79(g) | Date Analyzed: 07/24/2012 19:33

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10	U	10	2.1
74-87-3	Chloromethane	3.3	J B	10	2.7
75-01-4	Vinyl chloride	10	U	10	2.0
74-83-9	Bromomethane	7.7	J B *	10	2.6
75-00-3	Chloroethane	10	U *	10	1.5
75-69-4	Trichlorofluoromethane	10	U *	10	1.3
75-35-4	1,1-Dichloroethene	10	U *	10	2.2
76-13-1	Freon TF	10	U *	10	1.8
67-64-1	Acetone	51	U	51	9.1
74-88-4	Methyl iodide	10	U *	10	0.76
75-15-0	Carbon disulfide	10	U	10	1.6
79-20-9	Methyl acetate	10	U	10	2.1
75-09-2	Methylene Chloride	6.0	J	10	2.8
156-60-5	trans-1,2-Dichloroethene	10	U	10	2.0
1634-04-4	Methyl t-butyl ether	10	U	10	1.8
75-34-3	1,1-Dichloroethane	10	U	10	2.0
108-05-4	Vinyl acetate	10	U	10	4.5
594-20-7	2,2-Dichloropropane	10	U	10	2.2
156-59-2	cis-1,2-Dichloroethene	10	U	10	1.8
78-93-3	2-Butanone	51	U	51	8.8
74-97-5	Bromochloromethane	10	U	10	1.9
109-99-9	Tetrahydrofuran	140	U	140	23
67-66-3	Chloroform	3.1	J	10	1.9
71-55-6	1,1,1-Trichloroethane	10	U	10	2.0
110-82-7	Cyclohexane	10	U	10	2.0
563-58-6	1,1-Dichloropropene	10	U	10	2.0
56-23-5	Carbon tetrachloride	4.2	J	10	1.5
78-83-1	Isobutyl alcohol	510	U *	510	95
71-43-2	Benzene	10	U	10	2.1
107-06-2	1,2-Dichloroethane	10	U	10	1.7
79-01-6	Trichloroethene	10	U	10	1.7
108-87-2	Methylcyclohexane	10	U	10	1.8
78-87-5	1,2-Dichloropropane	10	U	10	1.9
74-95-3	Dibromomethane	10	U	10	1.9
123-91-1	1,4-Dioxane	510	U	510	110
75-27-4	Bromodichloromethane	10	U	10	1.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33859 (20A)R | Lab Sample ID: 200-11842-5

Matrix: Solid | Lab File ID: lhme20.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 9.79(g) | Date Analyzed: 07/24/2012 19:33

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	10	U	10	1.7
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.8
108-10-1	4-Methyl-2-pentanone	51	U	51	11
108-88-3	Toluene	10	U	10	2.0
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.7
79-00-5	1,1,2-Trichloroethane	10	U	10	1.9
127-18-4	Tetrachloroethene	10	U	10	2.0
142-28-9	1,3-Dichloropropane	10	U	10	1.6
591-78-6	2-Hexanone	51	U	51	7.9
124-48-1	Dibromochloromethane	10	U	10	1.6
106-93-4	1,2-Dibromoethane	10	U	10	1.9
108-90-7	Chlorobenzene	10	U	10	2.0
630-20-6	1,1,1,2-Tetrachloroethane	10	U	10	2.0
100-41-4	Ethylbenzene	10	U	10	2.0
179601-23-1	m&p-Xylene	10	U	10	3.8
95-47-6	o-Xylene	10	U	10	2.1
100-42-5	Styrene	10	U	10	1.7
75-25-2	Bromoform	10	U	10	1.7
98-82-8	Isopropylbenzene	10	U	10	1.9
108-86-1	Bromobenzene	10	U	10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.8
96-18-4	1,2,3-Trichloropropane	10	U	10	1.8
103-65-1	n-Propylbenzene	10	U	10	2.0
95-49-8	2-Chlorotoluene	10	U	10	2.2
106-43-4	4-Chlorotoluene	10	U	10	2.2
108-67-8	1,3,5-Trimethylbenzene	10	U	10	2.0
98-06-6	tert-Butylbenzene	10	U	10	1.8
95-63-6	1,2,4-Trimethylbenzene	10	U	10	1.8
135-98-8	sec-Butylbenzene	10	U	10	1.9
541-73-1	1,3-Dichlorobenzene	10	U	10	1.9
99-87-6	4-Isopropyltoluene	10	U	10	1.9
106-46-7	1,4-Dichlorobenzene	10	U	10	1.9
95-50-1	1,2-Dichlorobenzene	10	U	10	2.0
104-51-8	n-Butylbenzene	10	U	10	1.9
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	1.7
120-82-1	1,2,4-Trichlorobenzene	10	U	10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33859 (20A)R | Lab Sample ID: 200-11842-5

Matrix: Solid | Lab File ID: lhme20.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 9.79(g) | Date Analyzed: 07/24/2012 19:33

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	10	U	10	1.6
91-20-3	Naphthalene	10	U	10	1.5
87-61-6	1,2,3-Trichlorobenzene	10	U	10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	95		65-155
2037-26-5	Toluene-d8	106		80-115
460-00-4	Bromofluorobenzene	101		80-115
2199-69-1	1,2-Dichlorobenzene-d4	95		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33854 (30A)R | Lab Sample ID: 200-11842-6

Matrix: Solid | Lab File ID: lhme21.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 12.06(g) | Date Analyzed: 07/24/2012 20:05

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	8.3	U	8.3	1.7
74-87-3	Chloromethane	2.7	J B	8.3	2.2
75-01-4	Vinyl chloride	8.3	U	8.3	1.7
74-83-9	Bromomethane	6.2	J B *	8.3	2.1
75-00-3	Chloroethane	8.3	U *	8.3	1.2
75-69-4	Trichlorofluoromethane	8.3	U *	8.3	1.1
75-35-4	1,1-Dichloroethene	8.3	U *	8.3	1.8
76-13-1	Freon TF	8.3	U *	8.3	1.5
67-64-1	Acetone	41	U	41	7.4
74-88-4	Methyl iodide	8.3	U *	8.3	0.61
75-15-0	Carbon disulfide	8.3	U	8.3	1.3
79-20-9	Methyl acetate	8.3	U	8.3	1.7
75-09-2	Methylene Chloride	5.3	J	8.3	2.2
156-60-5	trans-1,2-Dichloroethene	8.3	U	8.3	1.7
1634-04-4	Methyl t-butyl ether	8.3	U	8.3	1.5
75-34-3	1,1-Dichloroethane	8.3	U	8.3	1.7
108-05-4	Vinyl acetate	8.3	U	8.3	3.6
594-20-7	2,2-Dichloropropane	8.3	U	8.3	1.8
156-59-2	cis-1,2-Dichloroethene	8.3	U	8.3	1.5
78-93-3	2-Butanone	41	U	41	7.1
74-97-5	Bromochloromethane	8.3	U	8.3	1.6
109-99-9	Tetrahydrofuran	120	U	120	18
67-66-3	Chloroform	8.3	U	8.3	1.6
71-55-6	1,1,1-Trichloroethane	8.3	U	8.3	1.7
110-82-7	Cyclohexane	8.3	U	8.3	1.7
563-58-6	1,1-Dichloropropene	8.3	U	8.3	1.7
56-23-5	Carbon tetrachloride	8.3	U	8.3	1.2
78-83-1	Isobutyl alcohol	410	U *	410	77
71-43-2	Benzene	8.3	U	8.3	1.7
107-06-2	1,2-Dichloroethane	8.3	U	8.3	1.4
79-01-6	Trichloroethene	8.3	U	8.3	1.4
108-87-2	Methylcyclohexane	8.3	U	8.3	1.5
78-87-5	1,2-Dichloropropane	8.3	U	8.3	1.6
74-95-3	Dibromomethane	8.3	U	8.3	1.6
123-91-1	1,4-Dioxane	410	U	410	92
75-27-4	Bromodichloromethane	8.3	U	8.3	1.6

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33854 (30A)R | Lab Sample ID: 200-11842-6

Matrix: Solid | Lab File ID: lhme21.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 12.06(g) | Date Analyzed: 07/24/2012 20:05

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	8.3	U	8.3	1.4
10061-01-5	cis-1,3-Dichloropropene	8.3	U	8.3	1.5
108-10-1	4-Methyl-2-pentanone	41	U	41	9.0
108-88-3	Toluene	8.3	U	8.3	1.7
10061-02-6	trans-1,3-Dichloropropene	8.3	U	8.3	1.4
79-00-5	1,1,2-Trichloroethane	8.3	U	8.3	1.6
127-18-4	Tetrachloroethene	8.3	U	8.3	1.7
142-28-9	1,3-Dichloropropane	8.3	U	8.3	1.3
591-78-6	2-Hexanone	41	U	41	6.4
124-48-1	Dibromochloromethane	8.3	U	8.3	1.3
106-93-4	1,2-Dibromoethane	8.3	U	8.3	1.6
108-90-7	Chlorobenzene	8.3	U	8.3	1.7
630-20-6	1,1,1,2-Tetrachloroethane	8.3	U	8.3	1.7
100-41-4	Ethylbenzene	8.3	U	8.3	1.7
179601-23-1	m&p-Xylene	8.3	U	8.3	3.1
95-47-6	o-Xylene	8.3	U	8.3	1.7
100-42-5	Styrene	8.3	U	8.3	1.4
75-25-2	Bromoform	8.3	U	8.3	1.4
98-82-8	Isopropylbenzene	8.3	U	8.3	1.6
108-86-1	Bromobenzene	8.3	U	8.3	1.7
79-34-5	1,1,2,2-Tetrachloroethane	8.3	U	8.3	1.5
96-18-4	1,2,3-Trichloropropane	8.3	U	8.3	1.5
103-65-1	n-Propylbenzene	8.3	U	8.3	1.7
95-49-8	2-Chlorotoluene	8.3	U	8.3	1.8
106-43-4	4-Chlorotoluene	8.3	U	8.3	1.8
108-67-8	1,3,5-Trimethylbenzene	8.3	U	8.3	1.7
98-06-6	tert-Butylbenzene	8.3	U	8.3	1.5
95-63-6	1,2,4-Trimethylbenzene	8.3	U	8.3	1.5
135-98-8	sec-Butylbenzene	8.3	U	8.3	1.6
541-73-1	1,3-Dichlorobenzene	8.3	U	8.3	1.6
99-87-6	4-Isopropyltoluene	8.3	U	8.3	1.6
106-46-7	1,4-Dichlorobenzene	8.3	U	8.3	1.6
95-50-1	1,2-Dichlorobenzene	8.3	U	8.3	1.7
104-51-8	n-Butylbenzene	8.3	U	8.3	1.6
96-12-8	1,2-Dibromo-3-Chloropropane	8.3	U	8.3	1.4
120-82-1	1,2,4-Trichlorobenzene	8.3	U	8.3	1.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-11842-1
SDG No.: Sylvan Grove (200-11842)
Client Sample ID: S4-S-33854 (30A)R
Lab Sample ID: 200-11842-6
Matrix: Solid
Lab File ID: lhme21.d
Analysis Method: 8260B
Date Collected: 07/16/2012 00:00
Sample wt/vol: 12.06(g)
Date Analyzed: 07/24/2012 20:05
Soil Aliquot Vol: 500 (uL)
Dilution Factor: 1
Soil Extract Vol.: 10(mL)
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Medium
Analysis Batch No.: 42334
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	8.3	U	8.3	1.3
91-20-3	Naphthalene	8.3	U	8.3	1.2
87-61-6	1,2,3-Trichlorobenzene	8.3	U	8.3	1.6

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	96		65-155
2037-26-5	Toluene-d8	104		80-115
460-00-4	Bromofluorobenzene	101		80-115
2199-69-1	1,2-Dichlorobenzene-d4	95		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33880 (10A)BLK | Lab Sample ID: 200-11842-7

Matrix: Solid | Lab File ID: lhme22.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 11.44(g) | Date Analyzed: 07/24/2012 20:37

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	8.7	U	8.7	1.8
74-87-3	Chloromethane	3.2	J B	8.7	2.3
75-01-4	Vinyl chloride	8.7	U	8.7	1.7
74-83-9	Bromomethane	5.1	J B *	8.7	2.2
75-00-3	Chloroethane	8.7	U *	8.7	1.3
75-69-4	Trichlorofluoromethane	8.7	U *	8.7	1.1
75-35-4	1,1-Dichloroethene	8.7	U *	8.7	1.9
76-13-1	Freon TF	8.7	U *	8.7	1.6
67-64-1	Acetone	44	U	44	7.8
74-88-4	Methyl iodide	8.7	U *	8.7	0.65
75-15-0	Carbon disulfide	8.7	U	8.7	1.4
79-20-9	Methyl acetate	8.7	U	8.7	1.8
75-09-2	Methylene Chloride	5.4	J	8.7	2.4
156-60-5	trans-1,2-Dichloroethene	8.7	U	8.7	1.7
1634-04-4	Methyl t-butyl ether	8.7	U	8.7	1.6
75-34-3	1,1-Dichloroethane	8.7	U	8.7	1.7
108-05-4	Vinyl acetate	8.7	U	8.7	3.8
594-20-7	2,2-Dichloropropane	8.7	U	8.7	1.9
156-59-2	cis-1,2-Dichloroethene	8.7	U	8.7	1.6
78-93-3	2-Butanone	44	U	44	7.5
74-97-5	Bromochloromethane	8.7	U	8.7	1.7
109-99-9	Tetrahydrofuran	120	U	120	19
67-66-3	Chloroform	8.7	U	8.7	1.7
71-55-6	1,1,1-Trichloroethane	8.7	U	8.7	1.7
110-82-7	Cyclohexane	8.7	U	8.7	1.7
563-58-6	1,1-Dichloropropene	8.7	U	8.7	1.7
56-23-5	Carbon tetrachloride	8.7	U	8.7	1.3
78-83-1	Isobutyl alcohol	440	U *	440	82
71-43-2	Benzene	8.7	U	8.7	1.8
107-06-2	1,2-Dichloroethane	8.7	U	8.7	1.5
79-01-6	Trichloroethene	8.7	U	8.7	1.5
108-87-2	Methylcyclohexane	8.7	U	8.7	1.6
78-87-5	1,2-Dichloropropane	8.7	U	8.7	1.7
74-95-3	Dibromomethane	8.7	U	8.7	1.7
123-91-1	1,4-Dioxane	440	U	440	97
75-27-4	Bromodichloromethane	8.7	U	8.7	1.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33880 (10A)BLK | Lab Sample ID: 200-11842-7

Matrix: Solid | Lab File ID: lhme22.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 11.44(g) | Date Analyzed: 07/24/2012 20:37

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	8.7	U	8.7	1.5
10061-01-5	cis-1,3-Dichloropropene	8.7	U	8.7	1.6
108-10-1	4-Methyl-2-pentanone	44	U	44	9.4
108-88-3	Toluene	8.7	U	8.7	1.7
10061-02-6	trans-1,3-Dichloropropene	8.7	U	8.7	1.5
79-00-5	1,1,2-Trichloroethane	8.7	U	8.7	1.7
127-18-4	Tetrachloroethene	8.7	U	8.7	1.7
142-28-9	1,3-Dichloropropane	8.7	U	8.7	1.4
591-78-6	2-Hexanone	44	U	44	6.7
124-48-1	Dibromochloromethane	8.7	U	8.7	1.4
106-93-4	1,2-Dibromoethane	8.7	U	8.7	1.7
108-90-7	Chlorobenzene	8.7	U	8.7	1.7
630-20-6	1,1,1,2-Tetrachloroethane	8.7	U	8.7	1.7
100-41-4	Ethylbenzene	8.7	U	8.7	1.7
179601-23-1	m&p-Xylene	8.7	U	8.7	3.2
95-47-6	o-Xylene	8.7	U	8.7	1.8
100-42-5	Styrene	8.7	U	8.7	1.5
75-25-2	Bromoform	8.7	U	8.7	1.5
98-82-8	Isopropylbenzene	8.7	U	8.7	1.7
108-86-1	Bromobenzene	8.7	U	8.7	1.7
79-34-5	1,1,2,2-Tetrachloroethane	8.7	U	8.7	1.6
96-18-4	1,2,3-Trichloropropane	8.7	U	8.7	1.6
103-65-1	n-Propylbenzene	8.7	U	8.7	1.7
95-49-8	2-Chlorotoluene	8.7	U	8.7	1.9
106-43-4	4-Chlorotoluene	8.7	U	8.7	1.9
108-67-8	1,3,5-Trimethylbenzene	8.7	U	8.7	1.7
98-06-6	tert-Butylbenzene	8.7	U	8.7	1.6
95-63-6	1,2,4-Trimethylbenzene	8.7	U	8.7	1.6
135-98-8	sec-Butylbenzene	8.7	U	8.7	1.7
541-73-1	1,3-Dichlorobenzene	8.7	U	8.7	1.7
99-87-6	4-Isopropyltoluene	8.7	U	8.7	1.7
106-46-7	1,4-Dichlorobenzene	8.7	U	8.7	1.7
95-50-1	1,2-Dichlorobenzene	8.7	U	8.7	1.7
104-51-8	n-Butylbenzene	8.7	U	8.7	1.7
96-12-8	1,2-Dibromo-3-Chloropropane	8.7	U	8.7	1.5
120-82-1	1,2,4-Trichlorobenzene	8.7	U	8.7	1.7

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-S-33880 (10A)BLK | Lab Sample ID: 200-11842-7

Matrix: Solid | Lab File ID: lhme22.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 11.44(g) | Date Analyzed: 07/24/2012 20:37

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	8.7	U	8.7	1.4
91-20-3	Naphthalene	8.7	U	8.7	1.3
87-61-6	1,2,3-Trichlorobenzene	8.7	U	8.7	1.7

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	92		65-155
2037-26-5	Toluene-d8	102		80-115
460-00-4	Bromofluorobenzene	97		80-115
2199-69-1	1,2-Dichlorobenzene-d4	93		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-MEOH BLANK | Lab Sample ID: 200-11842-8

Matrix: Solid | Lab File ID: lhme23.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 21:09

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10	U	10	2.1
74-87-3	Chloromethane	4.4	J B	10	2.6
75-01-4	Vinyl chloride	10	U	10	2.0
74-83-9	Bromomethane	6.3	J B *	10	2.5
75-00-3	Chloroethane	10	U *	10	1.5
75-69-4	Trichlorofluoromethane	10	U *	10	1.3
75-35-4	1,1-Dichloroethene	10	U *	10	2.2
76-13-1	Freon TF	10	U *	10	1.8
67-64-1	Acetone	50	U	50	8.9
74-88-4	Methyl iodide	10	U *	10	0.74
75-15-0	Carbon disulfide	10	U	10	1.6
79-20-9	Methyl acetate	10	U	10	2.1
75-09-2	Methylene Chloride	7.6	J	10	2.7
156-60-5	trans-1,2-Dichloroethene	10	U	10	2.0
1634-04-4	Methyl t-butyl ether	10	U	10	1.8
75-34-3	1,1-Dichloroethane	10	U	10	2.0
108-05-4	Vinyl acetate	10	U	10	4.4
594-20-7	2,2-Dichloropropane	10	U	10	2.2
156-59-2	cis-1,2-Dichloroethene	10	U	10	1.8
78-93-3	2-Butanone	50	U	50	8.6
74-97-5	Bromochloromethane	10	U	10	1.9
109-99-9	Tetrahydrofuran	140	U	140	22
67-66-3	Chloroform	10	U	10	1.9
71-55-6	1,1,1-Trichloroethane	10	U	10	2.0
110-82-7	Cyclohexane	10	U	10	2.0
563-58-6	1,1-Dichloropropene	10	U	10	2.0
56-23-5	Carbon tetrachloride	10	U	10	1.5
78-83-1	Isobutyl alcohol	500	U *	500	93
71-43-2	Benzene	10	U	10	2.1
107-06-2	1,2-Dichloroethane	10	U	10	1.7
79-01-6	Trichloroethene	10	U	10	1.7
108-87-2	Methylcyclohexane	10	U	10	1.8
78-87-5	1,2-Dichloropropane	10	U	10	1.9
74-95-3	Dibromomethane	10	U	10	1.9
123-91-1	1,4-Dioxane	500	U	500	110
75-27-4	Bromodichloromethane	10	U	10	1.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-MEOH BLANK | Lab Sample ID: 200-11842-8

Matrix: Solid | Lab File ID: lhme23.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 21:09

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	10	U	10	1.7
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.8
108-10-1	4-Methyl-2-pentanone	50	U	50	11
108-88-3	Toluene	10	U	10	2.0
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.7
79-00-5	1,1,2-Trichloroethane	10	U	10	1.9
127-18-4	Tetrachloroethene	10	U	10	2.0
142-28-9	1,3-Dichloropropane	10	U	10	1.6
591-78-6	2-Hexanone	50	U	50	7.7
124-48-1	Dibromochloromethane	10	U	10	1.6
106-93-4	1,2-Dibromoethane	10	U	10	1.9
108-90-7	Chlorobenzene	10	U	10	2.0
630-20-6	1,1,1,2-Tetrachloroethane	10	U	10	2.0
100-41-4	Ethylbenzene	10	U	10	2.0
179601-23-1	m&p-Xylene	10	U	10	3.7
95-47-6	o-Xylene	10	U	10	2.1
100-42-5	Styrene	10	U	10	1.7
75-25-2	Bromoform	10	U	10	1.7
98-82-8	Isopropylbenzene	10	U	10	1.9
108-86-1	Bromobenzene	10	U	10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.8
96-18-4	1,2,3-Trichloropropane	10	U	10	1.8
103-65-1	n-Propylbenzene	10	U	10	2.0
95-49-8	2-Chlorotoluene	10	U	10	2.2
106-43-4	4-Chlorotoluene	10	U	10	2.2
108-67-8	1,3,5-Trimethylbenzene	10	U	10	2.0
98-06-6	tert-Butylbenzene	10	U	10	1.8
95-63-6	1,2,4-Trimethylbenzene	10	U	10	1.8
135-98-8	sec-Butylbenzene	10	U	10	1.9
541-73-1	1,3-Dichlorobenzene	10	U	10	1.9
99-87-6	4-Isopropyltoluene	10	U	10	1.9
106-46-7	1,4-Dichlorobenzene	10	U	10	1.9
95-50-1	1,2-Dichlorobenzene	10	U	10	2.0
104-51-8	n-Butylbenzene	10	U	10	1.9
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	1.7
120-82-1	1,2,4-Trichlorobenzene	10	U	10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: S4-MEOH BLANK | Lab Sample ID: 200-11842-8

Matrix: Solid | Lab File ID: lhme23.d

Analysis Method: 8260B | Date Collected: 07/16/2012 00:00

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 21:09

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	10	U	10	1.6
91-20-3	Naphthalene	10	U	10	1.5
87-61-6	1,2,3-Trichlorobenzene	10	U	10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	96		65-155
2037-26-5	Toluene-d8	106		80-115
460-00-4	Bromofluorobenzene	102		80-115
2199-69-1	1,2-Dichlorobenzene-d4	96		45-145

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-41981/3	lhm03.d
Level 2	IC 200-41981/4	lhm04.d
Level 3	IC 200-41981/5	lhm05.d
Level 4	ICIS 200-41981/6	lhm06.d
Level 5	IC 200-41981/7	lhm07.d
Level 6	IC 200-41981/8	lhm08.d

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Dichlorodifluoromethane	0.5933 0.5680	0.5666	0.5769	0.5396	0.5652	Ave		0.5683				3.1		15.0			
Chloromethane	0.2975 0.2725	0.2475	0.2650	0.2353	0.2644	Ave		0.2637			0.1000	8.1		15.0			
Vinyl chloride	0.3169 0.3118	0.3038	0.3127	0.2923	0.3078	Ave		0.3076				2.8		15.0			
Bromomethane	0.1913 0.1492	0.1787	0.1889	0.1729	0.1550	Ave		0.1726				10.1		15.0			
Chloroethane	0.2271 0.1490	0.1954	0.2012	0.1830	0.1822	Ave		0.1897				13.6		15.0			
Trichlorofluoromethane	0.7062 0.6613	0.6703	0.6836	0.6410	0.6656	Ave		0.6713				3.3		15.0			
Acrolein	0.0327 0.0310	0.0296	0.0310	0.0303	0.0314	Ave		0.0310				3.4		15.0			
1,1-Dichloroethene	0.2746 0.2717	0.2762	0.2726	0.2735	0.2744	Ave		0.2738				0.6		15.0			
Freon TF	0.6296 0.6045	0.6094	0.6141	0.6074	0.6092	Ave		0.6124				1.5		15.0			
Acetone	0.0456 0.0475	0.0458	0.0457	0.0441	0.0454	Ave		0.0457				2.4		15.0			
Methyl iodide	0.2100 0.4452	0.2112	0.2448	0.3158	0.4124	Ave		0.3066				33.5	*	15.0			
Carbon disulfide	0.8621 0.7738	0.7778	0.7812	0.7647	0.7712	Ave		0.7885				4.6		15.0			
Allyl chloride	0.5085 0.4029	0.4471	0.4521	0.4416	0.4288	Ave		0.4468				7.8		15.0			
Methyl acetate	0.0555 0.0465	0.0459	0.0444	0.0449	0.0460	Ave		0.0472				8.8		15.0			
Methylene Chloride	0.3243 0.2624	0.2662	0.2659	0.2617	0.2616	Ave		0.2737				9.1		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
tert-Butyl alcohol	0.0190 0.0193	0.0189	0.0199	0.0191	0.0191	Ave		0.0192				2.0		15.0			
Acrylonitrile	0.0562 0.0584	0.0638	0.0515	0.0565	0.0587	Ave		0.0575				7.0		15.0			
trans-1,2-Dichloroethene	0.3202 0.3025	0.3025	0.2996	0.2964	0.3013	Ave		0.3038				2.8		15.0			
Methyl t-butyl ether	0.6596 0.6092	0.6123	0.6199	0.6093	0.6111	Ave		0.6202				3.2		15.0			
1,1-Dichloroethane	0.6045 0.5884	0.5550	0.5943	0.5836	0.5899	Ave		0.5860			0.1000	2.9		15.0			
Vinyl acetate	0.3762 0.3467	0.3903	0.4104	0.3613	0.4048	Ave		0.3816				6.5		15.0			
Chloroprene	0.4496 0.4352	0.4289	0.4364	0.4278	0.4344	Ave		0.4354				1.8		15.0			
2,2-Dichloropropane	0.4837 0.4503	0.4840	0.4765	0.4643	0.4593	Ave		0.4697				3.0		15.0			
cis-1,2-Dichloroethene	0.3020 0.3159	0.3097	0.3148	0.3101	0.3134	Ave		0.3110				1.6		15.0			
2-Butanone	0.0212 0.0213	0.0195	0.0207	0.0200	0.0208	Ave		0.0206				3.4		15.0			
Propionitrile	0.0173 0.0213	0.0189	0.0185	0.0196	0.0201	Ave		0.0193				7.3		15.0			
Methacrylonitrile	0.0821 0.0721	0.0702	0.0715	0.0705	0.0717	Ave		0.0730				6.2		15.0			
Bromochloromethane	0.2024 0.1606	0.1822	0.1841	0.1819	0.1814	Ave		0.1821				7.3		15.0			
Tetrahydrofuran	0.0733 0.0710	0.0690	0.0713	0.0683	0.0705	Ave		0.0706				2.5		15.0			
Chloroform	0.6700 0.5887	0.5958	0.5970	0.5852	0.5879	Ave		0.6041				5.4		15.0			
1,1,1-Trichloroethane	0.5616 0.5464	0.5437	0.5534	0.5426	0.5457	Ave		0.5489				1.3		15.0			
Cyclohexane	0.5427 0.5139	0.4966	0.5113	0.5064	0.5136	Ave		0.5141				3.0		15.0			
1,1-Dichloropropene	0.5215 0.4896	0.4848	0.4825	0.4831	0.4846	Ave		0.4910				3.1		15.0			
Carbon tetrachloride	0.5359 0.5443	0.5311	0.5481	0.5415	0.5458	Ave		0.5411				1.2		15.0			
Isobutyl alcohol	0.0095 0.0102	0.0090	0.0096	0.0095	0.0100	Ave		0.0096				4.3		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
Benzene	0.8060 0.8294	0.8164	0.8185	0.8075	0.8211	Ave		0.8165				1.1		15.0			
1,2-Dichloroethane	0.3106 0.3073	0.3007	0.3083	0.3019	0.3055	Ave		0.3057				1.2		15.0			
Trichloroethene	0.4004 0.3949	0.3773	0.3810	0.3906	0.3840	Ave		0.3880				2.3		15.0			
Methylcyclohexane	0.5113 0.4925	0.4909	0.4917	0.4806	0.4867	Ave		0.4923				2.1		15.0			
1,2-Dichloropropane	0.3610 0.3548	0.3464	0.3515	0.3484	0.3567	Ave		0.3531				1.5		15.0			
Dibromomethane	0.3125 0.3047	0.3075	0.3127	0.3019	0.3035	Ave		0.3071				1.5		15.0			
Methyl methacrylate	0.2430 0.2508	0.2517	0.2463	0.2394	0.2520	Ave		0.2472				2.1		15.0			
1,4-Dioxane	0.0021 0.0023	0.0020	0.0019	0.0021	0.0023	Ave		0.0021				7.1		15.0			
Bromodichloromethane	0.6225 0.6115	0.5910	0.5985	0.6030	0.6071	Ave		0.6056				1.8		15.0			
2-Chloroethyl vinyl ether	0.1992 0.2071	0.1892	0.1988	0.1886	0.1999	Ave		0.1971				3.6		15.0			
cis-1,3-Dichloropropene	0.4942 0.5012	0.4762	0.4971	0.4862	0.4996	Ave		0.4924				1.9		15.0			
4-Methyl-2-pentanone	0.3154 0.3126	0.3002	0.3053	0.2961	0.3060	Ave		0.3059				2.4		15.0			
Toluene	0.7501 0.7430	0.7310	0.7346	0.7294	0.7424	Ave		0.7384				1.1		15.0			
trans-1,3-Dichloropropene	0.5346 0.5671	0.5472	0.5524	0.5515	0.5592	Ave		0.5520				2.0		15.0			
Ethyl methacrylate	0.4151 0.4078	0.3857	0.4033	0.4032	0.4052	Ave		0.4034				2.4		15.0			
1,1,2-Trichloroethane	0.3553 0.3272	0.3287	0.3286	0.3234	0.3289	Ave		0.3320				3.5		15.0			
Tetrachloroethene	0.5886 0.6114	0.5925	0.5959	0.5989	0.6078	Ave		0.5992				1.5		15.0			
1,3-Dichloropropane	0.5987 0.6337	0.6189	0.6142	0.6176	0.6265	Ave		0.6182				1.9		15.0			
2-Hexanone	0.2210 0.2668	0.2524	0.2593	0.2528	0.2629	Ave		0.2525				6.5		15.0			
Dibromochloromethane	0.6704 0.7032	0.6643	0.6865	0.6844	0.6994	Ave		0.6847				2.2		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,2-Dibromoethane	0.5712 0.5847	0.5634	0.5669	0.5756	0.5810	Ave		0.5738				1.4		15.0			
Chlorobenzene	0.9332 0.9543	0.9373	0.9401	0.9353	0.9435	Ave		0.9406			0.3000	0.8		15.0			
1,1,1,2-Tetrachloroethane	0.5030 0.5111	0.5035	0.5020	0.5015	0.5057	Ave		0.5045				0.7		15.0			
Ethylbenzene	1.5768 1.6033	1.5375	1.5502	1.5518	1.5706	Ave		1.5650				1.5		15.0			
m&p-Xylene	0.5493 0.5687	0.5282	0.5463	0.5520	0.5588	Ave		0.5506				2.5		15.0			
o-Xylene	0.5203 0.5311	0.5281	0.5273	0.5225	0.5261	Ave		0.5259				0.7		15.0			
Styrene	0.8679 0.9278	0.8758	0.9066	0.8973	0.9157	Ave		0.8985				2.6		15.0			
Bromoform	0.4891 0.5490	0.5120	0.5349	0.5392	0.5448	Ave		0.5282			0.1000	4.4		15.0			
Isopropylbenzene	2.9584 2.8656	2.8473	2.8417	2.8515	2.8603	Ave		2.8708				1.5		15.0			
Bromobenzene	0.9177 0.8865	0.8823	0.8765	0.8948	0.8870	Ave		0.8908				1.6		15.0			
1,1,2,2-Tetrachloroethane	1.1958 1.0765	1.1323	1.1179	1.0837	1.1018	Ave		1.1180			0.3000	3.9		15.0			
1,2,3-Trichloropropane	0.2894 0.2817	0.2900	0.2887	0.2887	0.2885	Ave		0.2878				1.1		15.0			
trans-1,4-Dichloro-2-butene	0.2480 0.2113	0.2263	0.2275	0.2153	0.2345	Ave		0.2271				5.9		15.0			
n-Propylbenzene	0.7291 0.7302	0.7227	0.7287	0.7330	0.7300	Ave		0.7289				0.5		15.0			
2-Chlorotoluene	0.6882 0.6424	0.6453	0.6463	0.6418	0.6429	Ave		0.6511				2.8		15.0			
1,3,5-Trimethylbenzene	2.2018 2.1406	2.0825	2.0836	2.1176	2.1338	Ave		2.1266				2.1		15.0			
4-Chlorotoluene	0.6931 0.6684	0.6495	0.6638	0.6625	0.6735	Ave		0.6685				2.2		15.0			
tert-Butylbenzene	2.4005 2.3390	2.3231	2.3483	2.3391	2.3337	Ave		2.3473				1.2		15.0			
1,2,4-Trimethylbenzene	2.0647 2.1240	2.0746	2.0865	2.0890	2.1129	Ave		2.0920				1.1		15.0			
sec-Butylbenzene	3.1551 3.1943	3.1209	3.1064	3.1409	3.1588	Ave		3.1461				1.0		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD CURVE EVALUATION

Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

ANALYTE	RRF					CURVE TYPE	COEFFICIENT			#	MIN RRF	%RSD	#	MAX %RSD	R^2 OR COD	#	MIN R^2 OR COD
	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5		B	M1	M2								
1,3-Dichlorobenzene	1.4405 1.3846	1.3825	1.3755	1.3835	1.3919	Ave		1.3931				1.7		15.0			
4-Isopropyltoluene	2.6292 2.6407	2.5267	2.5444	2.5475	2.6083	Ave		2.5828				1.9		15.0			
1,4-Dichlorobenzene	1.5733 1.4940	1.4827	1.4824	1.4793	1.4887	Ave		1.5001				2.4		15.0			
1,2-Dichlorobenzene	1.3181 1.3040	1.2463	1.2915	1.2916	1.3024	Ave		1.2923				1.9		15.0			
n-Butylbenzene	2.2865 2.4600	2.2569	2.3291	2.3521	2.4204	Ave		2.3509				3.3		15.0			
1,2-Dibromo-3-Chloropropane	0.2443 0.2257	0.2266	0.2296	0.2254	0.2258	Ave		0.2296				3.2		15.0			
1,2,4-Trichlorobenzene	0.9040 1.0297	0.9160	0.9810	0.9900	1.0075	Ave		0.9714				5.2		15.0			
Hexachlorobutadiene	0.6668 0.6346	0.6223	0.6256	0.6157	0.6215	Ave		0.6311				2.9		15.0			
Naphthalene	1.5656 1.6024	1.4178	1.5179	1.5113	1.5533	Ave		1.5281				4.1		15.0			
1,2,3-Trichlorobenzene	0.7917 0.8713	0.8064	0.8247	0.8196	0.8508	Ave		0.8274				3.5		15.0			
1,2-Dichloroethane-d4	0.3174 0.2617	0.2793	0.2718	0.2633	0.2589	Ave		0.2754				8.0		15.0			
Toluene-d8	1.0656 1.0994	1.0665	1.0740	1.0770	1.0937	Ave		1.0794				1.3		15.0			
Bromofluorobenzene	1.3857 1.2825	1.2694	1.2896	1.2794	1.2802	Ave		1.2978				3.4		15.0			
1,2-Dichlorobenzene-d4	1.2148 0.8609	0.9190	0.8837	0.8651	0.8670	Ave		0.9351				14.8		15.0			

Note: The m1 coefficient is the same as Ave RRF for an Ave curve type.

FORM VI
GC/MS VOA INITIAL CALIBRATION DATA
INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

Calibration Files:

LEVEL:	LAB SAMPLE ID:	LAB FILE ID:
Level 1	IC 200-41981/3	lhm03.d
Level 2	IC 200-41981/4	lhm04.d
Level 3	IC 200-41981/5	lhm05.d
Level 4	ICIS 200-41981/6	lhm06.d
Level 5	IC 200-41981/7	lhm07.d
Level 6	IC 200-41981/8	lhm08.d

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Dichlorodifluoromethane	FB	Ave	69980 6922446	337156	687754	1641168	3437522	1.00 100	5.00	10.0	25.0	50.0
Chloromethane	FB	Ave	35091 3320384	147251	315993	715714	1608134	1.00 100	5.00	10.0	25.0	50.0
Vinyl chloride	FB	Ave	37380 3799911	180810	372796	889125	1871712	1.00 100	5.00	10.0	25.0	50.0
Bromomethane	FB	Ave	22559 1817757	106323	225193	525886	942666	1.00 100	5.00	10.0	25.0	50.0
Chloroethane	FB	Ave	26784 1815825	116284	239862	556551	1108286	1.00 100	5.00	10.0	25.0	50.0
Trichlorofluoromethane	FB	Ave	83297 8059070	398851	815055	1949666	4047817	1.00 100	5.00	10.0	25.0	50.0
Acrolein	FB	Ave	19297 1890335	88159	184498	460145	955302	5.00 500	25.0	50.0	125	250
1,1-Dichloroethene	FB	Ave	32390 3311558	164385	325000	831944	1668590	1.00 100	5.00	10.0	25.0	50.0
Freon TF	FB	Ave	74254 7367378	362627	732130	1847555	3704683	1.00 100	5.00	10.0	25.0	50.0
Acetone	FB	Ave	26909 2892423	136311	272704	670147	1380473	5.00 500	25.0	50.0	125	250
Methyl iodide	FB	Ave	24767 5425489	125690	291860	960654	2508028	1.00 100	5.00	10.0	25.0	50.0
Carbon disulfide	FB	Ave	101685 9429997	462863	931401	2325929	4690367	1.00 100	5.00	10.0	25.0	50.0
Allyl chloride	FB	Ave	59973 4909632	266057	539061	1343250	2607812	1.00 100	5.00	10.0	25.0	50.0
Methyl acetate	FB	Ave	6547 566421	27301	52878	136537	279831	1.00 100	5.00	10.0	25.0	50.0
Methylene Chloride	FB	Ave	38247 3197925	158404	317012	796132	1591135	1.00 100	5.00	10.0	25.0	50.0
tert-Butyl alcohol	FB	Ave	111828 4701342	224377	475342	1160390	2317883	50.0 2000	100	200	500	1000

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SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Acrylonitrile	FB	Ave	6627 712280	37937	61397	171932	356921	1.00 100	5.00	10.0	25.0	50.0
trans-1,2-Dichloroethene	FB	Ave	37771 3686469	180008	357175	901533	1832587	1.00 100	5.00	10.0	25.0	50.0
Methyl t-butyl ether	FB	Ave	77795 7424731	364381	739031	1853146	3716701	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloroethane	FB	Ave	71304 7171166	330270	708586	1775084	3587319	1.00 100	5.00	10.0	25.0	50.0
Vinyl acetate	FB	Ave	44373 4225431	232257	489248	1098892	2461817	1.00 100	5.00	10.0	25.0	50.0
Chloroprene	FB	Ave	53028 5303074	255224	520292	1301210	2641954	1.00 100	5.00	10.0	25.0	50.0
2,2-Dichloropropane	FB	Ave	57052 5487975	288012	568118	1412214	2793263	1.00 100	5.00	10.0	25.0	50.0
cis-1,2-Dichloroethene	FB	Ave	35625 3850253	184271	375285	943120	1905815	1.00 100	5.00	10.0	25.0	50.0
2-Butanone	FB	Ave	12531 1299188	58142	123627	303800	633035	5.00 500	25.0	50.0	125	250
Propionitrile	FB	Ave	8140 1038650	44957	88222	239040	490099	4.00 400	20.0	40.0	100	200
Methacrylonitrile	FB	Ave	9678 878350	41753	85283	214568	435924	1.00 100	5.00	10.0	25.0	50.0
Bromochloromethane	FB	Ave	23867 1957799	108432	219543	553174	1103381	1.00 100	5.00	10.0	25.0	50.0
Tetrahydrofuran	FB	Ave	121098 12117934	575086	1190311	2909095	6000819	14.0 1400	70.0	140	350	700
Chloroform	FB	Ave	79021 7173928	354537	711772	1780078	3575233	1.00 100	5.00	10.0	25.0	50.0
1,1,1-Trichloroethane	FB	Ave	66234 6658476	323514	659721	1650350	3318556	1.00 100	5.00	10.0	25.0	50.0
Cyclohexane	FB	Ave	64006 6262869	295543	609621	1540131	3123616	1.00 100	5.00	10.0	25.0	50.0
1,1-Dichloropropene	FB	Ave	61514 5966516	288495	575193	1469438	2947417	1.00 100	5.00	10.0	25.0	50.0
Carbon tetrachloride	FB	Ave	63212 6632890	316016	653410	1646950	3319313	1.00 100	5.00	10.0	25.0	50.0
Isobutyl alcohol	FB	Ave	56090 6198259	267561	572223	1451025	3039901	50.0 5000	250	500	1250	2500
Benzene	FB	Ave	95064 10107930	485825	975868	2456026	4993687	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane	FB	Ave	36636 3745261	178940	367547	918297	1858187	1.00 100	5.00	10.0	25.0	50.0

FORM VI
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INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Trichloroethene	FB	Ave	47220 4812205	224539	454218	1188130	2335041	1.00 100	5.00	10.0	25.0	50.0
Methylcyclohexane	FB	Ave	60300 6002155	292129	586219	1461852	2960069	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloropropane	FB	Ave	42576 4323843	206126	419025	1059792	2169350	1.00 100	5.00	10.0	25.0	50.0
Dibromomethane	FB	Ave	36859 3713557	182998	372862	918207	1845736	1.00 100	5.00	10.0	25.0	50.0
Methyl methacrylate	CBZ	Ave	22405 2362627	115945	229498	565280	1181377	1.00 100	5.00	10.0	25.0	50.0
1,4-Dioxane	FB	Ave	12623 1423530	59937	115130	318743	687087	50.0 5000	250	500	1250	2500
Bromodichloromethane	FB	Ave	73421 7451780	351674	713542	1834080	3691954	1.00 100	5.00	10.0	25.0	50.0
2-Chloroethyl vinyl ether	FB	Ave	23499 2523706	112617	237040	573594	1215654	1.00 100	5.00	10.0	25.0	50.0
cis-1,3-Dichloropropene	FB	Ave	58284 6107841	283369	592701	1478857	3038570	1.00 100	5.00	10.0	25.0	50.0
4-Methyl-2-pentanone	FB	Ave	186023 19045210	893115	1820173	4503245	9303810	5.00 500	25.0	50.0	125	250
Toluene	CBZ	Ave	69154 7000131	336776	684393	1722519	3480931	1.00 100	5.00	10.0	25.0	50.0
trans-1,3-Dichloropropene	CBZ	Ave	49286 5342461	252123	514703	1302324	2621639	1.00 100	5.00	10.0	25.0	50.0
Ethyl methacrylate	FB	Ave	48956 4969755	229501	480802	1226522	2464366	1.00 100	5.00	10.0	25.0	50.0
1,1,2-Trichloroethane	CBZ	Ave	32757 3082138	151448	306163	763760	1542034	1.00 100	5.00	10.0	25.0	50.0
Tetrachloroethene	CBZ	Ave	54271 5759439	272994	555216	1414187	2849789	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichloropropane	CBZ	Ave	55195 5969947	285141	572200	1458367	2937239	1.00 100	5.00	10.0	25.0	50.0
2-Hexanone	CBZ	Ave	101875 12567696	581337	1207957	2984974	6162460	5.00 500	25.0	50.0	125	250
Dibromochloromethane	CBZ	Ave	61811 6624955	306058	639619	1616078	3279182	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromoethane	CBZ	Ave	52665 5508614	259597	528206	1359284	2723879	1.00 100	5.00	10.0	25.0	50.0
Chlorobenzene	CBZ	Ave	86036 8990045	431834	875886	2208681	4423406	1.00 100	5.00	10.0	25.0	50.0
1,1,1,2-Tetrachloroethane	CBZ	Ave	46376 4814851	231963	467703	1184227	2370808	1.00 100	5.00	10.0	25.0	50.0

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Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
Ethylbenzene	CBZ	Ave	145378 15104727	708390	1444277	3664330	7363917	1.00 100	5.00	10.0	25.0	50.0
m&p-Xylene	CBZ	Ave	101289 10715336	486743	1018024	2606908	5239767	2.00 200	10.0	20.0	50.0	100
o-Xylene	CBZ	Ave	47969 5003056	243314	491309	1233765	2466452	1.00 100	5.00	10.0	25.0	50.0
Styrene	CBZ	Ave	80021 8740788	403518	844636	2118879	4293212	1.00 100	5.00	10.0	25.0	50.0
Bromoform	CBZ	Ave	45091 5171797	235882	498392	1273243	2554141	1.00 100	5.00	10.0	25.0	50.0
Isopropylbenzene	DCB	Ave	147556 15251752	717321	1466755	3712034	7500299	1.00 100	5.00	10.0	25.0	50.0
Bromobenzene	DCB	Ave	45769 4718156	222280	452401	1164767	2325803	1.00 100	5.00	10.0	25.0	50.0
1,1,2,2-Tetrachloroethane	DCB	Ave	59643 5729507	285254	576992	1410683	2889142	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichloropropane	DCB	Ave	14433 1499255	73059	149010	375834	756402	1.00 100	5.00	10.0	25.0	50.0
trans-1,4-Dichloro-2-butene	DCB	Ave	12369 1124400	57015	117404	280226	614923	1.00 100	5.00	10.0	25.0	50.0
n-Propylbenzene	DCB	Ave	36363 3886460	182080	376115	954223	1914131	1.00 100	5.00	10.0	25.0	50.0
2-Chlorotoluene	DCB	Ave	34326 3418841	162578	333583	835431	1685815	1.00 100	5.00	10.0	25.0	50.0
1,3,5-Trimethylbenzene	DCB	Ave	109815 11393080	524651	1075437	2756621	5595235	1.00 100	5.00	10.0	25.0	50.0
4-Chlorotoluene	DCB	Ave	34567 3557429	163625	342608	862454	1766085	1.00 100	5.00	10.0	25.0	50.0
tert-Butylbenzene	DCB	Ave	119730 12448924	585246	1212072	3044969	6119554	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trimethylbenzene	DCB	Ave	102979 11304655	522657	1076939	2719464	5540451	1.00 100	5.00	10.0	25.0	50.0
sec-Butylbenzene	DCB	Ave	157366 17000911	786247	1603361	4088732	8283274	1.00 100	5.00	10.0	25.0	50.0
1,3-Dichlorobenzene	DCB	Ave	71845 7369499	348287	709953	1800974	3649775	1.00 100	5.00	10.0	25.0	50.0
4-Isopropyltoluene	DCB	Ave	131133 14054814	636548	1313280	3316221	6839623	1.00 100	5.00	10.0	25.0	50.0
1,4-Dichlorobenzene	DCB	Ave	78470 7951614	373542	765136	1925731	3903757	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene	DCB	Ave	65740 6940399	313982	666593	1681309	3415093	1.00 100	5.00	10.0	25.0	50.0

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INTERNAL STANDARD RESPONSE AND CONCENTRATION

Lab Name: TestAmerica Burlington Job No.: 200-11842-1 Analy Batch No.: 41981

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i GC Column: DB-624 ID: 0.53(mm) Heated Purge: (Y/N) N

Calibration Start Date: 07/17/2012 16:24 Calibration End Date: 07/17/2012 19:06 Calibration ID: 16702

ANALYTE	IS REF	CURVE TYPE	RESPONSE					CONCENTRATION (UG/L)				
			LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5	LVL 1 LVL 6	LVL 2	LVL 3	LVL 4	LVL 5
n-Butylbenzene	DCB	Ave	114044 13093155	568582	1202161	3061907	6346937	1.00 100	5.00	10.0	25.0	50.0
1,2-Dibromo-3-Chloropropane	DCB	Ave	12185 1201250	57081	118492	293423	592208	1.00 100	5.00	10.0	25.0	50.0
1,2,4-Trichlorobenzene	DCB	Ave	45088 5480631	230775	506360	1288730	2642022	1.00 100	5.00	10.0	25.0	50.0
Hexachlorobutadiene	DCB	Ave	33256 3377354	156777	322879	801564	1629630	1.00 100	5.00	10.0	25.0	50.0
Naphthalene	DCB	Ave	78086 8528493	357196	783478	1967435	4073133	1.00 100	5.00	10.0	25.0	50.0
1,2,3-Trichlorobenzene	DCB	Ave	39487 4637375	203164	425692	1066900	2231012	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichloroethane-d4	FB	Ave	37435 3189314	166207	324047	800735	1574502	1.00 100	5.00	10.0	25.0	50.0
Toluene-d8	CBZ	Ave	98242 10357095	491392	1000611	2543244	5127906	1.00 100	5.00	10.0	25.0	50.0
Bromofluorobenzene	DCB	Ave	69111 6825893	319799	665629	1665508	3357045	1.00 100	5.00	10.0	25.0	50.0
1,2-Dichlorobenzene-d4	DCB	Ave	60590 4581966	231524	456129	1126139	2273611	1.00 100	5.00	10.0	25.0	50.0

Curve Type Legend:
Ave = Average ISTD

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab Sample ID: ICV 200-41981/11 Calibration Date: 07/17/2012 20:43

Instrument ID: L.i Calib Start Date: 07/17/2012 16:24

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/17/2012 19:06

Lab File ID: lhm11.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5683	0.4526		19.9	25.0	-20.3	25.0
Chloromethane	Ave	0.2637	0.2100	0.1000	19.9	25.0	-20.4	25.0
Vinyl chloride	Ave	0.3076	0.3137		25.5	25.0	2.0	25.0
Bromomethane	Ave	0.1726	0.1714		24.8	25.0	-0.7	25.0
Chloroethane	Ave	0.1897	0.1727		22.8	25.0	-9.0	25.0
Trichlorofluoromethane	Ave	0.6713	0.6241		23.2	25.0	-7.0	25.0
Acrolein	Ave	0.0310	0.0279		113	125	-9.9	25.0
1,1-Dichloroethene	Ave	0.2738	0.2944		26.9	25.0	7.5	25.0
Freon TF	Ave	0.6124	0.5644		23.0	25.0	-7.8	25.0
Acetone	Ave	0.0457	0.0486		133	125	6.3	25.0
Methyl iodide	Ave	0.3066	0.2608		21.3	25.0	-14.9	25.0
Carbon disulfide	Ave	0.7885	0.7128		22.6	25.0	-9.6	25.0
Allyl chloride	Ave	0.4468	0.4542		25.4	25.0	1.7	25.0
Methyl acetate	Ave	0.0472	0.0427		22.6	25.0	-9.6	25.0
Methylene Chloride	Ave	0.2737	0.2736		25.0	25.0	-0.0	25.0
tert-Butyl alcohol	Ave	0.0192	0.0176		457	500	-8.6	25.0
Acrylonitrile	Ave	0.0575	0.0572		24.9	25.0	-0.5	25.0
trans-1,2-Dichloroethene	Ave	0.3038	0.3152		25.9	25.0	3.8	25.0
Methyl t-butyl ether	Ave	0.6202	0.6058		24.4	25.0	-2.3	25.0
1,1-Dichloroethane	Ave	0.5860	0.5883	0.1000	25.1	25.0	0.4	25.0
Vinyl acetate	Ave	0.3816	0.4370		28.6	25.0	14.5	25.0
Chloroprene	Ave	0.4354	0.4359		25.0	25.0	0.1	25.0
2,2-Dichloropropane	Ave	0.4697	0.4406		23.4	25.0	-6.2	25.0
cis-1,2-Dichloroethene	Ave	0.3110	0.3199		25.7	25.0	2.9	25.0
2-Butanone	Ave	0.0206	0.0220		134	125	6.9	25.0
Propionitrile	Ave	0.0193	0.0207		107	100	7.4	25.0
Methacrylonitrile	Ave	0.0730	0.0709		24.3	25.0	-2.8	25.0
Bromochloromethane	Ave	0.1821	0.1899		26.1	25.0	4.3	25.0
Tetrahydrofuran	Ave	0.0706	0.0702		348	350	-0.6	25.0
Chloroform	Ave	0.6041	0.5929		24.5	25.0	-1.9	25.0
1,1,1-Trichloroethane	Ave	0.5489	0.5599		25.5	25.0	2.0	25.0
Cyclohexane	Ave	0.5141	0.5102		24.8	25.0	-0.7	25.0
1,1-Dichloropropene	Ave	0.4910	0.4951		25.2	25.0	0.8	25.0
Carbon tetrachloride	Ave	0.5411	0.5546		25.6	25.0	2.5	25.0
Isobutyl alcohol	Ave	0.0096	0.0095		1230	1250	-1.7	25.0
Benzene	Ave	0.8165	0.8344		25.5	25.0	2.2	25.0
1,2-Dichloroethane	Ave	0.3057	0.3112		25.4	25.0	1.8	25.0
Trichloroethene	Ave	0.3880	0.3947		25.4	25.0	1.7	25.0
Methylcyclohexane	Ave	0.4923	0.4702		23.9	25.0	-4.5	25.0
1,2-Dichloropropane	Ave	0.3531	0.3503		24.8	25.0	-0.8	25.0
Dibromomethane	Ave	0.3071	0.2982		24.3	25.0	-2.9	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab Sample ID: ICV 200-41981/11 Calibration Date: 07/17/2012 20:43

Instrument ID: L.i Calib Start Date: 07/17/2012 16:24

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/17/2012 19:06

Lab File ID: lhm11.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl methacrylate	Ave	0.2472	0.2448		24.8	25.0	-1.0	25.0
1,4-Dioxane	Ave	0.0021	0.0020		1190	1250	-5.1	25.0
Bromodichloromethane	Ave	0.6056	0.5984		24.7	25.0	-1.2	25.0
2-Chloroethyl vinyl ether	Ave	0.1971	0.1947		24.7	25.0	-1.2	25.0
cis-1,3-Dichloropropene	Ave	0.4924	0.5019		25.5	25.0	1.9	25.0
4-Methyl-2-pentanone	Ave	0.3059	0.3260		133	125	6.6	25.0
Toluene	Ave	0.7384	0.7597		25.7	25.0	2.9	25.0
trans-1,3-Dichloropropene	Ave	0.5520	0.5537		25.1	25.0	0.3	25.0
Ethyl methacrylate	Ave	0.4034	0.3916		24.3	25.0	-2.9	25.0
1,1,2-Trichloroethane	Ave	0.3320	0.3281		24.7	25.0	-1.2	25.0
Tetrachloroethene	Ave	0.5992	0.6139		25.6	25.0	2.5	25.0
1,3-Dichloropropane	Ave	0.6182	0.6275		25.4	25.0	1.5	25.0
2-Hexanone	Ave	0.2525	0.2833		140	125	12.2	25.0
Dibromochloromethane	Ave	0.6847	0.7007		25.6	25.0	2.3	25.0
1,2-Dibromoethane	Ave	0.5738	0.5894		25.7	25.0	2.7	25.0
Chlorobenzene	Ave	0.9406	0.9569	0.3000	25.4	25.0	1.7	25.0
1,1,1,2-Tetrachloroethane	Ave	0.5045	0.5116		25.4	25.0	1.4	25.0
Ethylbenzene	Ave	1.565	1.592		25.4	25.0	1.7	25.0
m&p-Xylene	Ave	0.5506	0.5670		51.5	50.0	3.0	25.0
o-Xylene	Ave	0.5259	0.5293		25.2	25.0	0.7	25.0
Styrene	Ave	0.8985	0.9109		25.3	25.0	1.4	25.0
Bromoform	Ave	0.5282	0.5438	0.1000	25.7	25.0	3.0	25.0
Isopropylbenzene	Ave	2.871	2.911		25.4	25.0	1.4	25.0
Bromobenzene	Ave	0.8908	0.8996		25.2	25.0	1.0	25.0
1,1,2,2-Tetrachloroethane	Ave	1.118	1.150	0.3000	25.7	25.0	2.8	25.0
1,2,3-Trichloropropane	Ave	0.2878	0.2938		25.5	25.0	2.1	25.0
trans-1,4-Dichloro-2-butene	Ave	0.2271	0.2279		25.1	25.0	0.3	25.0
n-Propylbenzene	Ave	0.7289	0.7311		25.1	25.0	0.3	25.0
2-Chlorotoluene	Ave	0.6511	0.6549		25.1	25.0	0.6	25.0
1,3,5-Trimethylbenzene	Ave	2.127	2.137		25.1	25.0	0.5	25.0
4-Chlorotoluene	Ave	0.6685	0.6679		25.0	25.0	-0.0	25.0
tert-Butylbenzene	Ave	2.347	2.372		25.3	25.0	1.1	25.0
1,2,4-Trimethylbenzene	Ave	2.092	2.107		25.2	25.0	0.7	25.0
sec-Butylbenzene	Ave	3.146	3.180		25.3	25.0	1.1	25.0
1,3-Dichlorobenzene	Ave	1.393	1.369		24.6	25.0	-1.7	25.0
4-Isopropyltoluene	Ave	2.583	2.494		24.1	25.0	-3.4	25.0
1,4-Dichlorobenzene	Ave	1.500	1.492		24.9	25.0	-0.5	25.0
1,2-Dichlorobenzene	Ave	1.292	1.286		24.9	25.0	-0.5	25.0
n-Butylbenzene	Ave	2.351	2.334		24.8	25.0	-0.7	25.0
1,2-Dibromo-3-Chloropropane	Ave	0.2296	0.2290		24.9	25.0	-0.3	25.0
1,2,4-Trichlorobenzene	Ave	0.9714	0.9396		24.2	25.0	-3.3	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab Sample ID: ICV 200-41981/11 Calibration Date: 07/17/2012 20:43

Instrument ID: L.i Calib Start Date: 07/17/2012 16:24

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/17/2012 19:06

Lab File ID: lhm11.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.6311	0.6181		24.5	25.0	-2.0	25.0
Naphthalene	Ave	1.528	1.503		24.6	25.0	-1.6	25.0
1,2,3-Trichlorobenzene	Ave	0.8274	0.8159		24.7	25.0	-1.4	25.0
1,2-Dichloroethane-d4	Ave	0.2754	0.2726		24.7	25.0	-1.0	25.0
Toluene-d8	Ave	1.079	1.133		26.2	25.0	5.0	25.0
Bromofluorobenzene	Ave	1.298	1.346		25.9	25.0	3.7	25.0
1,2-Dichlorobenzene-d4	Ave	0.9351	0.9115		24.4	25.0	-2.5	25.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab Sample ID: CCVIS 200-42334/2 Calibration Date: 07/24/2012 09:51

Instrument ID: L.i Calib Start Date: 07/17/2012 16:24

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/17/2012 19:06

Lab File ID: lhme02.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Dichlorodifluoromethane	Ave	0.5683	0.5286		23.3	25.0	-7.0	20.0
Chloromethane	Ave	0.2637	0.2426	0.1000	23.0	25.0	-8.0	20.0
Vinyl chloride	Ave	0.3076	0.2980		24.2	25.0	-3.1	20.0
Bromomethane	Ave	0.1726	0.1549		22.4	25.0	-10.3	20.0
Chloroethane	Ave	0.1897	0.1864		24.6	25.0	-1.7	20.0
Trichlorofluoromethane	Ave	0.6713	0.6322		23.5	25.0	-5.8	20.0
Acrolein	Ave	0.0310	0.0316		128	125	2.1	20.0
1,1-Dichloroethene	Ave	0.2738	0.2708		24.7	25.0	-1.1	20.0
Freon TF	Ave	0.6124	0.6093		24.9	25.0	-0.5	20.0
Acetone	Ave	0.0457	0.0480		131	125	5.1	20.0
Methyl iodide	Ave	0.3066	0.3801		31.0	25.0	24.0*	20.0
Carbon disulfide	Ave	0.7885	0.7897		25.0	25.0	0.1	20.0
Allyl chloride	Ave	0.4468	0.4668		26.1	25.0	4.5	20.0
Methyl acetate	Ave	0.0472	0.0483		25.6	25.0	2.3	20.0
Methylene Chloride	Ave	0.2737	0.2573		23.5	25.0	-6.0	20.0
tert-Butyl alcohol	Ave	0.0192	0.0188		491	500	-1.9	20.0
Acrylonitrile	Ave	0.0575	0.0573		24.9	25.0	-0.4	20.0
trans-1,2-Dichloroethene	Ave	0.3038	0.3014		24.8	25.0	-0.8	20.0
Methyl t-butyl ether	Ave	0.6202	0.6033		24.3	25.0	-2.7	20.0
1,1-Dichloroethane	Ave	0.5860	0.5801	0.1000	24.8	25.0	-1.0	20.0
Vinyl acetate	Ave	0.3816	0.4655		30.5	25.0	22.0*	20.0
Chloroprene	Ave	0.4354	0.4360		25.0	25.0	0.1	20.0
2,2-Dichloropropane	Ave	0.4697	0.4972		26.5	25.0	5.9	20.0
cis-1,2-Dichloroethene	Ave	0.3110	0.3111		25.0	25.0	0.0	20.0
2-Butanone	Ave	0.0206	0.0213		129	125	3.6	20.0
Propionitrile	Ave	0.0193	0.0209		108	100	8.4	20.0
Methacrylonitrile	Ave	0.0730	0.0713		24.4	25.0	-2.3	20.0
Bromochloromethane	Ave	0.1821	0.1816		24.9	25.0	-0.3	20.0
Tetrahydrofuran	Ave	0.0706	0.0742		368	350	5.1	20.0
Chloroform	Ave	0.6041	0.5729		23.7	25.0	-5.2	20.0
1,1,1-Trichloroethane	Ave	0.5489	0.5444		24.8	25.0	-0.8	20.0
Cyclohexane	Ave	0.5141	0.5377		26.1	25.0	4.6	20.0
1,1-Dichloropropene	Ave	0.4910	0.4907		25.0	25.0	-0.0	20.0
Carbon tetrachloride	Ave	0.5411	0.5352		24.7	25.0	-1.1	20.0
Isobutyl alcohol	Ave	0.0096	0.0105		1360	1250	8.7	20.0
Benzene	Ave	0.8165	0.8419		25.8	25.0	3.1	20.0
1,2-Dichloroethane	Ave	0.3057	0.3035		24.8	25.0	-0.7	20.0
Trichloroethene	Ave	0.3880	0.3782		24.4	25.0	-2.5	20.0
Methylcyclohexane	Ave	0.4923	0.5066		25.7	25.0	2.9	20.0
1,2-Dichloropropane	Ave	0.3531	0.3562		25.2	25.0	0.9	20.0
Dibromomethane	Ave	0.3071	0.2996		24.4	25.0	-2.5	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab Sample ID: CCVIS 200-42334/2 Calibration Date: 07/24/2012 09:51

Instrument ID: L.i Calib Start Date: 07/17/2012 16:24

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/17/2012 19:06

Lab File ID: lhme02.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Methyl methacrylate	Ave	0.2472	0.2560		25.9	25.0	3.5	20.0
1,4-Dioxane	Ave	0.0021	0.0023		1360	1250	8.9	20.0
Bromodichloromethane	Ave	0.6056	0.5985		24.7	25.0	-1.2	20.0
2-Chloroethyl vinyl ether	Ave	0.1971	0.2033		25.8	25.0	3.1	20.0
cis-1,3-Dichloropropene	Ave	0.4924	0.5130		26.0	25.0	4.2	20.0
4-Methyl-2-pentanone	Ave	0.3059	0.3206		131	125	4.8	20.0
Toluene	Ave	0.7384	0.7397		25.0	25.0	0.2	20.0
trans-1,3-Dichloropropene	Ave	0.5520	0.5664		25.7	25.0	2.6	20.0
Ethyl methacrylate	Ave	0.4034	0.4151		25.7	25.0	2.9	20.0
1,1,2-Trichloroethane	Ave	0.3320	0.3236		24.4	25.0	-2.5	20.0
Tetrachloroethene	Ave	0.5992	0.6071		25.3	25.0	1.3	20.0
1,3-Dichloropropane	Ave	0.6182	0.6316		25.5	25.0	2.2	20.0
2-Hexanone	Ave	0.2525	0.2705		134	125	7.1	20.0
Dibromochloromethane	Ave	0.6847	0.6837		25.0	25.0	-0.1	20.0
1,2-Dibromoethane	Ave	0.5738	0.5825		25.4	25.0	1.5	20.0
Chlorobenzene	Ave	0.9406	0.9526	0.3000	25.3	25.0	1.3	20.0
1,1,1,2-Tetrachloroethane	Ave	0.5045	0.4992		24.7	25.0	-1.0	20.0
Ethylbenzene	Ave	1.565	1.591		25.4	25.0	1.6	20.0
m&p-Xylene	Ave	0.5506	0.5630		51.1	50.0	2.3	20.0
o-Xylene	Ave	0.5259	0.5310		25.2	25.0	1.0	20.0
Styrene	Ave	0.8985	0.9196		25.6	25.0	2.3	20.0
Bromoform	Ave	0.5282	0.5385	0.1000	25.5	25.0	2.0	20.0
Isopropylbenzene	Ave	2.871	2.905		25.3	25.0	1.2	20.0
Bromobenzene	Ave	0.8908	0.8814		24.7	25.0	-1.0	20.0
1,1,2,2-Tetrachloroethane	Ave	1.118	1.133	0.3000	25.3	25.0	1.3	20.0
1,2,3-Trichloropropane	Ave	0.2878	0.2922		25.4	25.0	1.5	20.0
trans-1,4-Dichloro-2-butene	Ave	0.2271	0.2214		24.4	25.0	-2.5	20.0
n-Propylbenzene	Ave	0.7289	0.7412		25.4	25.0	1.7	20.0
2-Chlorotoluene	Ave	0.6511	0.6491		24.9	25.0	-0.3	20.0
1,3,5-Trimethylbenzene	Ave	2.127	2.137		25.1	25.0	0.5	20.0
4-Chlorotoluene	Ave	0.6685	0.6665		24.9	25.0	-0.3	20.0
tert-Butylbenzene	Ave	2.347	2.360		25.1	25.0	0.5	20.0
1,2,4-Trimethylbenzene	Ave	2.092	2.131		25.5	25.0	1.9	20.0
sec-Butylbenzene	Ave	3.146	3.220		25.6	25.0	2.3	20.0
1,3-Dichlorobenzene	Ave	1.393	1.386		24.9	25.0	-0.5	20.0
4-Isopropyltoluene	Ave	2.583	2.618		25.3	25.0	1.4	20.0
1,4-Dichlorobenzene	Ave	1.500	1.508		25.1	25.0	0.5	20.0
1,2-Dichlorobenzene	Ave	1.292	1.292		25.0	25.0	-0.0	20.0
n-Butylbenzene	Ave	2.351	2.410		25.6	25.0	2.5	20.0
1,2-Dibromo-3-Chloropropane	Ave	0.2296	0.2246		24.5	25.0	-2.2	20.0
1,2,4-Trichlorobenzene	Ave	0.9714	0.9749		25.1	25.0	0.4	20.0

FORM VII
GC/MS VOA CONTINUING CALIBRATION DATA

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Lab Sample ID: CCVIS 200-42334/2 Calibration Date: 07/24/2012 09:51

Instrument ID: L.i Calib Start Date: 07/17/2012 16:24

GC Column: DB-624 ID: 0.53(mm) Calib End Date: 07/17/2012 19:06

Lab File ID: lhme02.d Conc. Units: ug/L Heated Purge: (Y/N) N

ANALYTE	CURVE TYPE	AVE RRF	RRF	MIN RRF	CALC AMOUNT	SPIKE AMOUNT	%D	MAX %D
Hexachlorobutadiene	Ave	0.6311	0.6299		25.0	25.0	-0.2	20.0
Naphthalene	Ave	1.528	1.471		24.1	25.0	-3.7	20.0
1,2,3-Trichlorobenzene	Ave	0.8274	0.8236		24.9	25.0	-0.5	20.0
1,2-Dichloroethane-d4	Ave	0.2754	0.2616		23.7	25.0	-5.0	20.0
Toluene-d8	Ave	1.079	1.092		25.3	25.0	1.1	20.0
Bromofluorobenzene	Ave	1.298	1.277		24.6	25.0	-1.6	20.0
1,2-Dichlorobenzene-d4	Ave	0.9351	0.8778		23.5	25.0	-6.1	20.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: MB 200-42282/1-A

Matrix: Solid | Lab File ID: lhme06.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 12:00

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	10	U	10	2.1
74-87-3	Chloromethane	5.68	J	10	2.6
75-01-4	Vinyl chloride	10	U	10	2.0
74-83-9	Bromomethane	10.4		10	2.5
75-00-3	Chloroethane	10	U	10	1.5
75-69-4	Trichlorofluoromethane	10	U	10	1.3
75-35-4	1,1-Dichloroethene	10	U	10	2.2
76-13-1	Freon TF	10	U	10	1.8
67-64-1	Acetone	50	U	50	8.9
74-88-4	Methyl iodide	10	U	10	0.74
75-15-0	Carbon disulfide	10	U	10	1.6
79-20-9	Methyl acetate	10	U	10	2.1
75-09-2	Methylene Chloride	10	U	10	2.7
156-60-5	trans-1,2-Dichloroethene	10	U	10	2.0
1634-04-4	Methyl t-butyl ether	10	U	10	1.8
75-34-3	1,1-Dichloroethane	10	U	10	2.0
108-05-4	Vinyl acetate	10	U	10	4.4
594-20-7	2,2-Dichloropropane	10	U	10	2.2
156-59-2	cis-1,2-Dichloroethene	10	U	10	1.8
78-93-3	2-Butanone	50	U	50	8.6
74-97-5	Bromochloromethane	10	U	10	1.9
109-99-9	Tetrahydrofuran	140	U	140	22
67-66-3	Chloroform	10	U	10	1.9
71-55-6	1,1,1-Trichloroethane	10	U	10	2.0
110-82-7	Cyclohexane	10	U	10	2.0
563-58-6	1,1-Dichloropropene	10	U	10	2.0
56-23-5	Carbon tetrachloride	10	U	10	1.5
78-83-1	Isobutyl alcohol	500	U	500	93
71-43-2	Benzene	10	U	10	2.1
107-06-2	1,2-Dichloroethane	10	U	10	1.7
79-01-6	Trichloroethene	10	U	10	1.7
108-87-2	Methylcyclohexane	10	U	10	1.8
78-87-5	1,2-Dichloropropane	10	U	10	1.9
74-95-3	Dibromomethane	10	U	10	1.9
123-91-1	1,4-Dioxane	500	U	500	110
75-27-4	Bromodichloromethane	10	U	10	1.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: MB 200-42282/1-A

Matrix: Solid | Lab File ID: lhme06.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 12:00

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	10	U	10	1.7
10061-01-5	cis-1,3-Dichloropropene	10	U	10	1.8
108-10-1	4-Methyl-2-pentanone	50	U	50	11
108-88-3	Toluene	10	U	10	2.0
10061-02-6	trans-1,3-Dichloropropene	10	U	10	1.7
79-00-5	1,1,2-Trichloroethane	10	U	10	1.9
127-18-4	Tetrachloroethene	10	U	10	2.0
142-28-9	1,3-Dichloropropane	10	U	10	1.6
591-78-6	2-Hexanone	50	U	50	7.7
124-48-1	Dibromochloromethane	10	U	10	1.6
106-93-4	1,2-Dibromoethane	10	U	10	1.9
108-90-7	Chlorobenzene	10	U	10	2.0
630-20-6	1,1,1,2-Tetrachloroethane	10	U	10	2.0
100-41-4	Ethylbenzene	10	U	10	2.0
179601-23-1	m&p-Xylene	10	U	10	3.7
95-47-6	o-Xylene	10	U	10	2.1
100-42-5	Styrene	10	U	10	1.7
75-25-2	Bromoform	10	U	10	1.7
98-82-8	Isopropylbenzene	10	U	10	1.9
108-86-1	Bromobenzene	10	U	10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	10	U	10	1.8
96-18-4	1,2,3-Trichloropropane	10	U	10	1.8
103-65-1	n-Propylbenzene	10	U	10	2.0
95-49-8	2-Chlorotoluene	10	U	10	2.2
106-43-4	4-Chlorotoluene	10	U	10	2.2
108-67-8	1,3,5-Trimethylbenzene	10	U	10	2.0
98-06-6	tert-Butylbenzene	10	U	10	1.8
95-63-6	1,2,4-Trimethylbenzene	10	U	10	1.8
135-98-8	sec-Butylbenzene	10	U	10	1.9
541-73-1	1,3-Dichlorobenzene	10	U	10	1.9
99-87-6	4-Isopropyltoluene	10	U	10	1.9
106-46-7	1,4-Dichlorobenzene	10	U	10	1.9
95-50-1	1,2-Dichlorobenzene	10	U	10	2.0
104-51-8	n-Butylbenzene	10	U	10	1.9
96-12-8	1,2-Dibromo-3-Chloropropane	10	U	10	1.7
120-82-1	1,2,4-Trichlorobenzene	2.33	J	10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: MB 200-42282/1-A

Matrix: Solid | Lab File ID: lhme06.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 12:00

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	2.74	J	10	1.6
91-20-3	Naphthalene	4.62	J	10	1.5
87-61-6	1,2,3-Trichlorobenzene	3.27	J	10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	91		65-155
2037-26-5	Toluene-d8	103		80-115
460-00-4	Bromofluorobenzene	100		80-115
2199-69-1	1,2-Dichlorobenzene-d4	96		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: MB 200-42334/8

Matrix: Solid | Lab File ID: lhme08.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2012 13:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	1.0	U	1.0	0.21
74-87-3	Chloromethane	1.0	U	1.0	0.26
75-01-4	Vinyl chloride	1.0	U	1.0	0.20
74-83-9	Bromomethane	1.0	U	1.0	0.25
75-00-3	Chloroethane	1.0	U	1.0	0.15
75-69-4	Trichlorofluoromethane	1.0	U	1.0	0.13
75-35-4	1,1-Dichloroethene	1.0	U	1.0	0.22
76-13-1	Freon TF	1.0	U	1.0	0.18
67-64-1	Acetone	5.0	U	5.0	0.89
74-88-4	Methyl iodide	1.0	U	1.0	0.074
75-15-0	Carbon disulfide	1.0	U	1.0	0.16
79-20-9	Methyl acetate	1.0	U	1.0	0.21
75-09-2	Methylene Chloride	0.400	J	1.0	0.27
156-60-5	trans-1,2-Dichloroethene	1.0	U	1.0	0.20
1634-04-4	Methyl t-butyl ether	1.0	U	1.0	0.18
75-34-3	1,1-Dichloroethane	1.0	U	1.0	0.20
108-05-4	Vinyl acetate	1.0	U	1.0	0.44
594-20-7	2,2-Dichloropropane	1.0	U	1.0	0.22
156-59-2	cis-1,2-Dichloroethene	1.0	U	1.0	0.18
78-93-3	2-Butanone	5.0	U	5.0	0.86
74-97-5	Bromochloromethane	1.0	U	1.0	0.19
109-99-9	Tetrahydrofuran	14	U	14	2.2
67-66-3	Chloroform	1.0	U	1.0	0.19
71-55-6	1,1,1-Trichloroethane	1.0	U	1.0	0.20
110-82-7	Cyclohexane	1.0	U	1.0	0.20
563-58-6	1,1-Dichloropropene	1.0	U	1.0	0.20
56-23-5	Carbon tetrachloride	1.0	U	1.0	0.15
78-83-1	Isobutyl alcohol	50	U	50	9.3
71-43-2	Benzene	1.0	U	1.0	0.21
107-06-2	1,2-Dichloroethane	1.0	U	1.0	0.17
79-01-6	Trichloroethene	1.0	U	1.0	0.17
108-87-2	Methylcyclohexane	1.0	U	1.0	0.18
78-87-5	1,2-Dichloropropane	1.0	U	1.0	0.19
74-95-3	Dibromomethane	1.0	U	1.0	0.19
123-91-1	1,4-Dioxane	50	U	50	11
75-27-4	Bromodichloromethane	1.0	U	1.0	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: MB 200-42334/8

Matrix: Solid | Lab File ID: lhme08.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2012 13:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	1.0	U	1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	1.0	U	1.0	0.18
108-10-1	4-Methyl-2-pentanone	5.0	U	5.0	1.1
108-88-3	Toluene	1.0	U	1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	1.0	U	1.0	0.17
79-00-5	1,1,2-Trichloroethane	1.0	U	1.0	0.19
127-18-4	Tetrachloroethene	1.0	U	1.0	0.20
142-28-9	1,3-Dichloropropane	1.0	U	1.0	0.16
591-78-6	2-Hexanone	5.0	U	5.0	0.77
124-48-1	Dibromochloromethane	1.0	U	1.0	0.16
106-93-4	1,2-Dibromoethane	1.0	U	1.0	0.19
108-90-7	Chlorobenzene	1.0	U	1.0	0.20
630-20-6	1,1,1,2-Tetrachloroethane	1.0	U	1.0	0.20
100-41-4	Ethylbenzene	1.0	U	1.0	0.20
179601-23-1	m&p-Xylene	1.0	U	1.0	0.37
95-47-6	o-Xylene	1.0	U	1.0	0.21
100-42-5	Styrene	1.0	U	1.0	0.17
75-25-2	Bromoform	1.0	U	1.0	0.17
98-82-8	Isopropylbenzene	1.0	U	1.0	0.19
108-86-1	Bromobenzene	1.0	U	1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	1.0	U	1.0	0.18
96-18-4	1,2,3-Trichloropropane	1.0	U	1.0	0.18
103-65-1	n-Propylbenzene	1.0	U	1.0	0.20
95-49-8	2-Chlorotoluene	1.0	U	1.0	0.22
106-43-4	4-Chlorotoluene	1.0	U	1.0	0.22
108-67-8	1,3,5-Trimethylbenzene	1.0	U	1.0	0.20
98-06-6	tert-Butylbenzene	1.0	U	1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	1.0	U	1.0	0.18
135-98-8	sec-Butylbenzene	1.0	U	1.0	0.19
541-73-1	1,3-Dichlorobenzene	1.0	U	1.0	0.19
99-87-6	4-Isopropyltoluene	1.0	U	1.0	0.19
106-46-7	1,4-Dichlorobenzene	1.0	U	1.0	0.19
95-50-1	1,2-Dichlorobenzene	1.0	U	1.0	0.20
104-51-8	n-Butylbenzene	1.0	U	1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	1.0	U	1.0	0.17
120-82-1	1,2,4-Trichlorobenzene	1.0	U	1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: MB 200-42334/8

Matrix: Solid | Lab File ID: lhme08.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2012 13:05

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	1.0	U	1.0	0.16
91-20-3	Naphthalene	1.0	U	1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	1.0	U	1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	96		65-155
2037-26-5	Toluene-d8	103		80-115
460-00-4	Bromofluorobenzene	104		80-115
2199-69-1	1,2-Dichlorobenzene-d4	98		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: LCS 200-42282/5-A

Matrix: Solid | Lab File ID: lhme04.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 10:55

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	190		10	2.1
74-87-3	Chloromethane	229		10	2.6
75-01-4	Vinyl chloride	255		10	2.0
74-83-9	Bromomethane	104		10	2.5
75-00-3	Chloroethane	94.2		10	1.5
75-69-4	Trichlorofluoromethane	156		10	1.3
75-35-4	1,1-Dichloroethene	135		10	2.2
76-13-1	Freon TF	125		10	1.8
67-64-1	Acetone	1160		50	8.9
74-88-4	Methyl iodide	132		10	0.74
75-15-0	Carbon disulfide	217		10	1.6
79-20-9	Methyl acetate	247		10	2.1
75-09-2	Methylene Chloride	251		10	2.7
156-60-5	trans-1,2-Dichloroethene	270		10	2.0
1634-04-4	Methyl t-butyl ether	240		10	1.8
75-34-3	1,1-Dichloroethane	248		10	2.0
108-05-4	Vinyl acetate	268		10	4.4
594-20-7	2,2-Dichloropropane	268		10	2.2
156-59-2	cis-1,2-Dichloroethene	265		10	1.8
78-93-3	2-Butanone	1270		50	8.6
74-97-5	Bromochloromethane	229		10	1.9
109-99-9	Tetrahydrofuran	3660		140	22
67-66-3	Chloroform	248		10	1.9
71-55-6	1,1,1-Trichloroethane	258		10	2.0
110-82-7	Cyclohexane	264		10	2.0
563-58-6	1,1-Dichloropropene	267		10	2.0
56-23-5	Carbon tetrachloride	251		10	1.5
78-83-1	Isobutyl alcohol	3640		500	93
71-43-2	Benzene	266		10	2.1
107-06-2	1,2-Dichloroethane	248		10	1.7
79-01-6	Trichloroethene	260		10	1.7
108-87-2	Methylcyclohexane	263		10	1.8
78-87-5	1,2-Dichloropropane	257		10	1.9
74-95-3	Dibromomethane	241		10	1.9
123-91-1	1,4-Dioxane	12800		500	110
75-27-4	Bromodichloromethane	241		10	1.9

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: LCS 200-42282/5-A

Matrix: Solid | Lab File ID: lhme04.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 10:55

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	237		10	1.7
10061-01-5	cis-1,3-Dichloropropene	268		10	1.8
108-10-1	4-Methyl-2-pentanone	1270		50	11
108-88-3	Toluene	267		10	2.0
10061-02-6	trans-1,3-Dichloropropene	262		10	1.7
79-00-5	1,1,2-Trichloroethane	251		10	1.9
127-18-4	Tetrachloroethene	269		10	2.0
142-28-9	1,3-Dichloropropane	263		10	1.6
591-78-6	2-Hexanone	1340		50	7.7
124-48-1	Dibromochloromethane	256		10	1.6
106-93-4	1,2-Dibromoethane	261		10	1.9
108-90-7	Chlorobenzene	264		10	2.0
630-20-6	1,1,1,2-Tetrachloroethane	257		10	2.0
100-41-4	Ethylbenzene	266		10	2.0
179601-23-1	m&p-Xylene	541		10	3.7
95-47-6	o-Xylene	263		10	2.1
100-42-5	Styrene	266		10	1.7
75-25-2	Bromoform	249		10	1.7
98-82-8	Isopropylbenzene	261		10	1.9
108-86-1	Bromobenzene	258		10	2.0
79-34-5	1,1,2,2-Tetrachloroethane	248		10	1.8
96-18-4	1,2,3-Trichloropropane	244		10	1.8
103-65-1	n-Propylbenzene	264		10	2.0
95-49-8	2-Chlorotoluene	259		10	2.2
106-43-4	4-Chlorotoluene	262		10	2.2
108-67-8	1,3,5-Trimethylbenzene	259		10	2.0
98-06-6	tert-Butylbenzene	262		10	1.8
95-63-6	1,2,4-Trimethylbenzene	260		10	1.8
135-98-8	sec-Butylbenzene	270		10	1.9
541-73-1	1,3-Dichlorobenzene	263		10	1.9
99-87-6	4-Isopropyltoluene	259		10	1.9
106-46-7	1,4-Dichlorobenzene	262		10	1.9
95-50-1	1,2-Dichlorobenzene	263		10	2.0
104-51-8	n-Butylbenzene	277		10	1.9
96-12-8	1,2-Dibromo-3-Chloropropane	232		10	1.7
120-82-1	1,2,4-Trichlorobenzene	271		10	2.0

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: LCS 200-42282/5-A

Matrix: Solid | Lab File ID: lhme04.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 10(g) | Date Analyzed: 07/24/2012 10:55

Soil Aliquot Vol: 500 (uL) | Dilution Factor: 1

Soil Extract Vol.: 10(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	301		10	1.6
91-20-3	Naphthalene	246		10	1.5
87-61-6	1,2,3-Trichlorobenzene	264		10	1.9

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	100		65-155
2037-26-5	Toluene-d8	105		80-115
460-00-4	Bromofluorobenzene	101		80-115
2199-69-1	1,2-Dichlorobenzene-d4	96		45-145

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: LCS 200-42334/3

Matrix: Solid | Lab File ID: lhme03.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2012 10:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
75-71-8	Dichlorodifluoromethane	19.2		1.0	0.21
74-87-3	Chloromethane	20.5		1.0	0.26
75-01-4	Vinyl chloride	26.1		1.0	0.20
74-83-9	Bromomethane	22.1		1.0	0.25
75-00-3	Chloroethane	23.7		1.0	0.15
75-69-4	Trichlorofluoromethane	23.3		1.0	0.13
75-35-4	1,1-Dichloroethene	27.3		1.0	0.22
76-13-1	Freon TF	23.6		1.0	0.18
67-64-1	Acetone	133		5.0	0.89
74-88-4	Methyl iodide	32.3		1.0	0.074
75-15-0	Carbon disulfide	23.7		1.0	0.16
79-20-9	Methyl acetate	24.1		1.0	0.21
75-09-2	Methylene Chloride	25.7		1.0	0.27
156-60-5	trans-1,2-Dichloroethene	26.7		1.0	0.20
1634-04-4	Methyl t-butyl ether	24.6		1.0	0.18
75-34-3	1,1-Dichloroethane	25.2		1.0	0.20
108-05-4	Vinyl acetate	31.8		1.0	0.44
594-20-7	2,2-Dichloropropane	26.6		1.0	0.22
156-59-2	cis-1,2-Dichloroethene	26.4		1.0	0.18
78-93-3	2-Butanone	137		5.0	0.86
74-97-5	Bromochloromethane	27.1		1.0	0.19
109-99-9	Tetrahydrofuran	373		14	2.2
67-66-3	Chloroform	24.9		1.0	0.19
71-55-6	1,1,1-Trichloroethane	25.2		1.0	0.20
110-82-7	Cyclohexane	25.8		1.0	0.20
563-58-6	1,1-Dichloropropene	25.5		1.0	0.20
56-23-5	Carbon tetrachloride	25.1		1.0	0.15
78-83-1	Isobutyl alcohol	1340		50	9.3
71-43-2	Benzene	26.3		1.0	0.21
107-06-2	1,2-Dichloroethane	25.2		1.0	0.17
79-01-6	Trichloroethene	25.4		1.0	0.17
108-87-2	Methylcyclohexane	25.1		1.0	0.18
78-87-5	1,2-Dichloropropane	25.7		1.0	0.19
74-95-3	Dibromomethane	24.8		1.0	0.19
123-91-1	1,4-Dioxane	1300		50	11
75-27-4	Bromodichloromethane	24.7		1.0	0.19

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington | Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Client Sample ID: | Lab Sample ID: LCS 200-42334/3

Matrix: Solid | Lab File ID: lhme03.d

Analysis Method: 8260B | Date Collected:

Sample wt/vol: 5(mL) | Date Analyzed: 07/24/2012 10:23

Soil Aliquot Vol: 5 (mL) | Dilution Factor: 1

Soil Extract Vol.: 5(mL) | GC Column: DB-624 ID: 0.53(mm)

% Moisture: | Level: (low/med) Medium

Analysis Batch No.: 42334 | Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
110-75-8	2-Chloroethyl vinyl ether	24.9		1.0	0.17
10061-01-5	cis-1,3-Dichloropropene	27.2		1.0	0.18
108-10-1	4-Methyl-2-pentanone	139		5.0	1.1
108-88-3	Toluene	26.2		1.0	0.20
10061-02-6	trans-1,3-Dichloropropene	26.0		1.0	0.17
79-00-5	1,1,2-Trichloroethane	25.5		1.0	0.19
127-18-4	Tetrachloroethene	26.1		1.0	0.20
142-28-9	1,3-Dichloropropane	26.3		1.0	0.16
591-78-6	2-Hexanone	146		5.0	0.77
124-48-1	Dibromochloromethane	26.1		1.0	0.16
106-93-4	1,2-Dibromoethane	26.1		1.0	0.19
108-90-7	Chlorobenzene	26.1		1.0	0.20
630-20-6	1,1,1,2-Tetrachloroethane	25.7		1.0	0.20
100-41-4	Ethylbenzene	25.9		1.0	0.20
179601-23-1	m&p-Xylene	52.5		1.0	0.37
95-47-6	o-Xylene	25.9		1.0	0.21
100-42-5	Styrene	26.1		1.0	0.17
75-25-2	Bromoform	26.1		1.0	0.17
98-82-8	Isopropylbenzene	25.6		1.0	0.19
108-86-1	Bromobenzene	25.7		1.0	0.20
79-34-5	1,1,2,2-Tetrachloroethane	26.2		1.0	0.18
96-18-4	1,2,3-Trichloropropane	25.5		1.0	0.18
103-65-1	n-Propylbenzene	25.6		1.0	0.20
95-49-8	2-Chlorotoluene	25.5		1.0	0.22
106-43-4	4-Chlorotoluene	25.8		1.0	0.22
108-67-8	1,3,5-Trimethylbenzene	25.4		1.0	0.20
98-06-6	tert-Butylbenzene	25.4		1.0	0.18
95-63-6	1,2,4-Trimethylbenzene	25.7		1.0	0.18
135-98-8	sec-Butylbenzene	25.9		1.0	0.19
541-73-1	1,3-Dichlorobenzene	25.6		1.0	0.19
99-87-6	4-Isopropyltoluene	24.8		1.0	0.19
106-46-7	1,4-Dichlorobenzene	26.0		1.0	0.19
95-50-1	1,2-Dichlorobenzene	26.0		1.0	0.20
104-51-8	n-Butylbenzene	25.7		1.0	0.19
96-12-8	1,2-Dibromo-3-Chloropropane	24.9		1.0	0.17
120-82-1	1,2,4-Trichlorobenzene	25.7		1.0	0.20

FORM I
GC/MS VOA ORGANICS ANALYSIS DATA SHEET

Lab Name: TestAmerica Burlington
Job No.: 200-11842-1
SDG No.: Sylvan Grove (200-11842)
Client Sample ID:
Lab Sample ID: LCS 200-42334/3
Matrix: Solid
Lab File ID: lhme03.d
Analysis Method: 8260B
Date Collected:
Sample wt/vol: 5(mL)
Date Analyzed: 07/24/2012 10:23
Soil Aliquot Vol: 5 (mL)
Dilution Factor: 1
Soil Extract Vol.: 5(mL)
GC Column: DB-624 ID: 0.53(mm)
% Moisture:
Level: (low/med) Medium
Analysis Batch No.: 42334
Units: ug/Kg

CAS NO.	COMPOUND NAME	RESULT	Q	RL	MDL
87-68-3	Hexachlorobutadiene	26.5		1.0	0.16
91-20-3	Naphthalene	25.6		1.0	0.15
87-61-6	1,2,3-Trichlorobenzene	25.9		1.0	0.19

CAS NO.	SURROGATE	%REC	Q	LIMITS
17060-07-0	1,2-Dichloroethane-d4	95		65-155
2037-26-5	Toluene-d8	103		80-115
460-00-4	Bromofluorobenzene	100		80-115
2199-69-1	1,2-Dichlorobenzene-d4	96		45-145

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Batch Number: 42171 Batch Start Date: 07/20/12 15:19 Batch Analyst: Phillips, Mark T

Batch Method: 5035 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
200-11842-A-1	S4-S-33804 (10A)B	5035, 8260B	T	27.51 g	37.07 g	9.56 g	10 mL		
200-11842-A-2	S4-S-33786 (20A)B	5035, 8260B	T	28.43 g	39.96 g	11.53 g	10 mL		
200-11842-A-3	S4-S-33820 (30A)B	5035, 8260B	T	27.94 g	38.52 g	10.58 g	10 mL		
200-11842-A-4	S4-S-33850 (10A)R	5035, 8260B	T	28.03 g	41.22 g	13.19 g	10 mL		
200-11842-A-5	S4-S-33859 (20A)R	5035, 8260B	T	27.69 g	37.48 g	9.79 g	10 mL		
200-11842-A-6	S4-S-33854 (30A)R	5035, 8260B	T	28.22 g	40.28 g	12.06 g	10 mL		
200-11842-A-7	S4-S-33880 (10A)BLK	5035, 8260B	T	27.63 g	39.07 g	11.44 g	10 mL		
200-11842-A-8	S4-MEOH BLANK	5035, 8260B	T	27.90 g	37.90 g	10 g	10 mL		

Batch Notes	

Basis	Basis Description
T	Total/NA

GC/MS VOA BATCH WORKSHEET

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Batch Number: 42282 Batch Start Date: 07/24/12 09:31 Batch Analyst: Phillips, Mark T

Batch Method: 5035 Batch End Date:

Lab Sample ID	Client Sample ID	Method Chain	Basis	TareWeight	Vial&SampleWt	InitialAmount	FinalAmount		
MB 200-42282/1		5035, 8260B		32.44 g	42.44 g	10 g	10 mL		
LCS 200-42282/5		5035, 8260B		32.38 g	42.38 g	10 g	10 mL		

Batch Notes	

Basis	Basis Description

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i Start Date: 07/17/2012 15:32

Analysis Batch Number: 41981 End Date: 07/17/2012 21:15

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-41981/1		07/17/2012 15:32	1	lhm01.d	DB-624 0.53(mm)
VIBLK 200-41981/2		07/17/2012 15:51	1		DB-624 0.53(mm)
IC 200-41981/3		07/17/2012 16:24	1	lhm03.d	DB-624 0.53(mm)
IC 200-41981/4		07/17/2012 16:56	1	lhm04.d	DB-624 0.53(mm)
IC 200-41981/5		07/17/2012 17:29	1	lhm05.d	DB-624 0.53(mm)
ICIS 200-41981/6		07/17/2012 18:01	1	lhm06.d	DB-624 0.53(mm)
IC 200-41981/7		07/17/2012 18:34	1	lhm07.d	DB-624 0.53(mm)
IC 200-41981/8		07/17/2012 19:06	1	lhm08.d	DB-624 0.53(mm)
VIBLK 200-41981/9		07/17/2012 19:38	1		DB-624 0.53(mm)
VIBLK 200-41981/10		07/17/2012 20:11	1		DB-624 0.53(mm)
ICV 200-41981/11		07/17/2012 20:43	1	lhm11.d	DB-624 0.53(mm)
VIBLK 200-41981/12		07/17/2012 21:15	1		DB-624 0.53(mm)

8260B

GC/MS VOA ANALYSIS RUN LOG

Lab Name: TestAmerica Burlington Job No.: 200-11842-1

SDG No.: Sylvan Grove (200-11842)

Instrument ID: L.i Start Date: 07/24/2012 09:36

Analysis Batch Number: 42334 End Date: 07/24/2012 23:18

LAB SAMPLE ID	CLIENT SAMPLE ID	DATE ANALYZED	DILUTION FACTOR	LAB FILE ID	COLUMN ID
BFB 200-42334/1		07/24/2012 09:36	1	lhme01.d	DB-624 0.53(mm)
CCVIS 200-42334/2		07/24/2012 09:51	1	lhme02.d	DB-624 0.53(mm)
LCS 200-42334/3		07/24/2012 10:23	1	lhme03.d	DB-624 0.53(mm)
LCS 200-42282/5-A		07/24/2012 10:55	1	lhme04.d	DB-624 0.53(mm)
VIBLK 200-42334/5		07/24/2012 11:28	1		DB-624 0.53(mm)
MB 200-42282/1-A		07/24/2012 12:00	1	lhme06.d	DB-624 0.53(mm)
ZZZZZ		07/24/2012 12:32	1		DB-624 0.53(mm)
MB 200-42334/8		07/24/2012 13:05	1	lhme08.d	DB-624 0.53(mm)
ZZZZZ		07/24/2012 13:37	1		DB-624 0.53(mm)
ZZZZZ		07/24/2012 14:10	1		DB-624 0.53(mm)
ZZZZZ		07/24/2012 14:42	1		DB-624 0.53(mm)
ZZZZZ		07/24/2012 15:14	1		DB-624 0.53(mm)
ZZZZZ		07/24/2012 15:47	1		DB-624 0.53(mm)
ZZZZZ		07/24/2012 16:19	1		DB-624 0.53(mm)
ZZZZZ		07/24/2012 16:51	1		DB-624 0.53(mm)
200-11842-1	S4-S-33804 (10A)B	07/24/2012 17:23	1	lhme16.d	DB-624 0.53(mm)
200-11842-2	S4-S-33786 (20A)B	07/24/2012 17:56	1	lhme17.d	DB-624 0.53(mm)
200-11842-3	S4-S-33820 (30A)B	07/24/2012 18:28	1	lhme18.d	DB-624 0.53(mm)
200-11842-4	S4-S-33850 (10A)R	07/24/2012 19:00	1	lhme19.d	DB-624 0.53(mm)
200-11842-5	S4-S-33859 (20A)R	07/24/2012 19:33	1	lhme20.d	DB-624 0.53(mm)
200-11842-6	S4-S-33854 (30A)R	07/24/2012 20:05	1	lhme21.d	DB-624 0.53(mm)
200-11842-7	S4-S-33880 (10A)BLK	07/24/2012 20:37	1	lhme22.d	DB-624 0.53(mm)
200-11842-8	S4-MEOH BLANK	07/24/2012 21:09	1	lhme23.d	DB-624 0.53(mm)
VIBLK 200-42334/24		07/24/2012 21:42	1		DB-624 0.53(mm)
VIBLK 200-42334/25		07/24/2012 22:14	1		DB-624 0.53(mm)
VIBLK 200-42334/26		07/24/2012 22:46	1		DB-624 0.53(mm)
VIBLK 200-42334/27		07/24/2012 23:18	1		DB-624 0.53(mm)

Shipping and Receiving Documents

MATRIX: SOIL - METHANOL
RECEIVING LAB: TEST AMERICA
PROJECT/SITE: SYLVAN GROVE, KS
SAMPLER(S) (Signature): Eunsa Jun

ARGONNE NATIONAL LABORATORY CHAIN OF CUSTODY RECORD*

Shipping Container No.
Shipping Info:
ANL Field Contact (Name & Temporary Phone):

DATE OF COLLECTION	SAMPLE ID NUMBER(S)	Number of containers	ANALYSIS: VOCs	REMARKS: MASS of Soil (g)	REMARKS: Volume of Methanol
7/16/12	SY-S-33804 (10A) B	1-20mL	✓	9.556	10mL
	SY-S-33756 (20A) B		✓	11.525	10.0 mL
	SY-S-33820 (30A) B		✓	10.579	10.0mL
	SY-S-33850 (10A) R		✓	13.187	10.0mL
	SY-S-33859 (20A) R		✓	9.791	10.0 mL
	SY-S-33854 (30A) R		✓	12.060	10.0 mL
	SY-S-33880 (0A) Blk		✓	11.438	10.0 mL
	SY-Media Blank		✓	—	10.0mL

Relinquished by (Signature)	Date	Time	Received by (Signature)	Relinquished by (Signature)	Date	Time	Received by (Signature)
[signature]	7/19/12	9:30 am	[signature]				

Relinquished by (Signature)	Date	Time	Received for Laboratory by	Date	Time	Remarks
			[signature] TA BLR	7/19/12	1025	

Y	N	FOR LAB USE ONLY
		Custody seal was intact when shipment received.
		Sample containers were intact when received.
		Shipment was at required temperature when received.
		Sample labels, Tags and COC agree.

*A sample is under custody if:
1. It is in your possession; or,
2. It is in your view, after having been in your possession; or,
3. It was in your possession and you locked it up; or,
4. It is in a designated secure area.

Argonne National Laboratory, Applied Geosciences & Environmental Mgt. Group, Environmental Research Division, 9700 S. Cass Avenue, Argonne, IL 60439

ER-160 (4-01)

Login Sample Receipt Checklist

Client: Argonne National Laboratory

Job Number: 200-11842-1
SDG Number: Sylvan Grove (200-11842)

Login Number: 11842
List Number: 1
Creator: Marion, Greg T

List Source: TestAmerica Burlington

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	N/A	Lab does not accept radioactive samples.
The cooler's custody seal, if present, is intact.	True	NO SEAL NUMBER
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	5.2ºC IR GUN ID 154/
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	N/A	
Multiphasic samples are not present.	N/A	
Samples do not require splitting or compositing.	N/A	
Residual Chlorine Checked.	N/A	

ORIGIN ID: ENLA (630) 252-5779
DEBBIE LEASURE
US DOE/ARGONNE NATIONAL LAB
9700 S CASS AVE

LEMONT, IL 60439
UNITED STATES US

SHIP DATE: 18JUL12
ACTWGT: 14.7 LB MAN
CAD: 0015778/CAFE2511
DIMS: 24x24x13 IN

BILL SENDER

TO KIRK YOUNG
TRANSAMERICA, INC.
30 COMMUNITY DRIVE
SUITE 11
SOUTH BURLINGTON VT 05403
(802) 660-1990
REF: 3624DL

FedEx Express

TRK# 0201 5351 1414 4320

THU - 19 JUL A4
PRIORITY OVERNIGHT

XH BTVA

05403
VT-US BTV

TestAmerica Burlington

INTERNAL CHAIN OF CUSTODY LOG (ICOC)

Project Information:

Log In #: 200-11842	**Method:** 8260
Client: ARG LAB	**LAB IDs:** 200-11842-1 TO 200-11842-8

Samples associated with this log-in were placed into storage on 7/19/2012 (Date) 8:20 (Time[2]) **by:** *Sample Custodian Signature*

Storage Location: VOA FRIDGE A SHELF 11 *Specify storage location (refrigerator, freezer ID or lab location) for original sample containers*

Storage Condition: ☑ Refrigeration ☐ Frozen ☐ Ambient

Internal Transfer Information

Sample Type		Lab ID(s)	Transfer	Transfer	Purpose of Transfer			Relinquished	Received	Storage Location
Original	Prepared[1]		Date	Time[2]	Prep	Analysis	Storage	By:	By:	Prepared Sample[1]
✓		11842-1 - 11	7/24/12	1200		✓		Mark Phillips	Mark Phillips	Analysis
✓		" "	7/24/12	1300			✓	Mark Phillips	Mark Phillips	Storage

[1] Extract, digestate, or any other prepared sample that is no longer in original sample container

[2] Military Time

BRFSR012:07.09.10:2
TestAmerica

Supplement 2:

Automatically Recorded Groundwater Level Data

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/25/12 12:00				7/25/12 12:00						29.896	
7/25/12 12:20				7/25/12 12:20		21.460				29.854	
7/25/12 12:40				7/25/12 12:40		21.458	34.748			29.852	
7/25/12 13:00				7/25/12 13:00		21.451	34.723			29.863	
7/25/12 13:20				7/25/12 13:20		21.449	34.727			29.875	
7/25/12 13:40				7/25/12 13:40		21.440	34.732	35.975		29.898	
7/25/12 14:00	38.649	38.581		7/25/12 14:00		21.433	34.694	35.968		29.910	
7/25/12 14:20	38.607	38.501		7/25/12 14:20	37.771	21.431	34.706	35.961		29.922	
7/25/12 14:40	38.673	38.609	33.676	7/25/12 14:40	37.736	21.433	34.711	35.961		29.950	
7/25/12 15:00	38.689	38.632	33.604	7/25/12 15:00	37.734	21.433	34.685	35.961		29.964	
7/25/12 15:20	38.733	38.709	33.839	7/25/12 15:20	37.734	21.428	34.701	35.965		29.973	
7/25/12 15:40	38.696	38.613	33.696	7/25/12 15:40	37.730	21.426	34.715	35.963		29.999	
7/25/12 16:00	38.659	38.576	33.637	7/25/12 16:00	37.730	21.423	34.697	35.961		30.006	
7/25/12 16:20	38.677	38.637	33.602	7/25/12 16:20	37.734	21.417	34.680	35.958	27.282	30.013	
7/25/12 16:40	38.579	38.513	33.567	7/25/12 16:40	37.741	21.407	34.655	35.947	27.268	30.008	
7/25/12 17:00	38.544	38.504	33.529	7/25/12 17:00	37.744	21.396	34.625	35.935	27.249	29.997	36.763
7/25/12 17:20	38.542	38.506	33.501	7/25/12 17:20	37.751	21.395	34.601	35.930	27.235	29.971	36.749
7/25/12 17:40	38.444	38.345	33.738	7/25/12 17:40	37.753	21.389	34.599	35.926	27.224	29.948	36.731
7/25/12 18:00	38.463	38.408	33.677	7/25/12 18:00	37.758	21.391	34.620	35.930	27.224	29.927	36.712
7/25/12 18:20	38.666	38.712	33.597	7/25/12 18:20	37.765	21.391	34.613	35.930	27.221	29.924	36.698
7/25/12 18:40	38.397	38.300	33.541	7/25/12 18:40	37.765	21.396	34.601	35.933	27.224	29.908	36.693
7/25/12 19:00	38.470	38.464	33.513	7/25/12 19:00	37.769	21.421	34.594	35.961	27.238	29.882	36.686
7/25/12 19:20	38.815	38.945	33.510	7/25/12 19:20	37.772	21.449	34.606	36.000	27.261	29.854	36.682
7/25/12 19:40	38.712	38.786	33.501	7/25/12 19:40	37.779	21.442	34.611	36.003	27.256	29.838	36.698
7/25/12 20:00	38.925	39.074	33.513	7/25/12 20:00	37.783	21.451	34.618	36.017	27.266	29.824	36.719
7/25/12 20:20	38.962	39.086	33.773	7/25/12 20:20	37.788	21.486	34.687	36.052	27.301	29.810	36.747
7/25/12 20:40	38.889	38.955	33.712	7/25/12 20:40	37.793	21.514	34.732	36.087	27.338	29.793	36.782
7/25/12 21:00	38.638	38.639	33.653	7/25/12 21:00	37.809	21.528	34.718	36.085	27.352	29.807	36.796
7/25/12 21:20	38.558	38.529	33.600	7/25/12 21:20	37.816	21.498	34.685	36.054	27.324	29.796	36.777
7/25/12 21:40	38.477	38.389	33.569	7/25/12 21:40	37.816	21.498	34.667	36.052	27.317	29.768	36.770
7/25/12 22:00	38.442	38.347	33.579	7/25/12 22:00	37.823	21.503	34.653	36.061	27.322	29.758	36.761
7/25/12 22:20	38.421	38.305	33.792	7/25/12 22:20	37.823	21.521	34.683	36.073	27.331	29.744	36.752
7/25/12 22:40	38.402	38.296	33.682	7/25/12 22:40	37.832	21.519	34.690	36.066	27.336	29.763	36.735
7/25/12 23:00	38.377	38.279	33.607	7/25/12 23:00	37.837	21.510	34.667	36.054	27.326	29.798	36.724

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/25/12 23:20	38.367	38.249	33.562	7/25/12 23:20	37.837	21.517	34.648	36.059	27.322	29.782	36.712
7/25/12 23:40	38.342	38.230	33.527	7/25/12 23:40	37.839	21.510	34.625	36.047	27.308	29.772	36.700
7/26/12 0:00	38.344	38.214	33.625	7/26/12 0:00	37.844	21.533	34.629	36.078	27.331	29.756	36.703
7/26/12 0:20	38.607	38.588	33.761	7/26/12 0:20	37.844	21.547	34.671	36.094	27.343	29.826	36.698
7/26/12 0:40	38.803	38.908	33.686	7/26/12 0:40	37.851	21.575	34.713	36.131	27.378	29.847	36.714
7/26/12 1:00	38.479	38.380	33.644	7/26/12 1:00	37.855	21.575	34.711	36.117	27.383	29.882	36.740
7/26/12 1:20	38.430	38.331	33.618	7/26/12 1:20	37.860	21.582	34.704	36.124	27.390	29.889	36.754
7/26/12 1:40	38.412	38.312	33.604	7/26/12 1:40	37.867	21.612	34.704	36.150	27.408	29.889	36.761
7/26/12 2:00	38.386	38.282	33.637	7/26/12 2:00	37.872	21.603	34.690	36.136	27.401	29.913	36.754
7/26/12 2:20	38.393	38.284	33.844	7/26/12 2:20	37.879	21.615	34.727	36.155	27.418	29.894	36.754
7/26/12 2:40	38.386	38.284	33.736	7/26/12 2:40	37.883	21.610	34.736	36.141	27.418	29.901	36.749
7/26/12 3:00	38.377	38.277	33.668	7/26/12 3:00	37.886	21.601	34.722	36.131	27.415	29.903	36.745
7/26/12 3:20	38.367	38.263	33.618	7/26/12 3:20	37.890	21.582	34.699	36.117	27.399	29.894	36.738
7/26/12 3:40	38.349	38.258	33.581	7/26/12 3:40	37.890	21.573	34.671	36.094	27.380	29.894	36.731
7/26/12 4:00	38.341	38.249	33.590	7/26/12 4:00	37.890	21.556	34.653	36.085	27.366	29.889	36.724
7/26/12 4:20	38.335	38.235	33.794	7/26/12 4:20	37.888	21.552	34.674	36.073	27.357	29.880	36.717
7/26/12 4:40	38.339	38.233	33.686	7/26/12 4:40	37.888	21.547	34.690	36.073	27.366	29.880	36.714
7/26/12 5:00	38.334	38.228	33.618	7/26/12 5:00	37.886	21.542	34.674	36.071	27.364	29.877	36.707
7/26/12 5:20	38.330	38.221	33.581	7/26/12 5:20	37.886	21.552	34.660	36.071	27.364	29.873	36.707
7/26/12 5:40	38.328	38.207	33.560	7/26/12 5:40	37.883	21.563	34.655	36.082	27.369	29.861	36.707
7/26/12 6:00	38.325	38.216	33.630	7/26/12 6:00	37.883	21.575	34.652	36.092	27.378	29.845	36.710
7/26/12 6:20	38.330	38.228	33.785	7/26/12 6:20	37.886	21.584	34.687	36.092	27.383	29.842	36.707
7/26/12 6:40	38.332	38.230	33.686	7/26/12 6:40	37.886	21.584	34.697	36.089	27.387	29.847	36.705
7/26/12 7:00	38.332	38.233	33.625	7/26/12 7:00	37.886	21.582	34.687	36.089	27.390	29.849	36.705
7/26/12 7:20	38.335	38.235	33.595	7/26/12 7:20	37.888	21.591	34.678	36.094	27.394	29.845	36.710
7/26/12 7:40	38.330	38.233	33.574	7/26/12 7:40	37.886	21.596	34.669	36.099	27.394	29.842	36.712
7/26/12 8:00	38.335	38.233	33.745	7/26/12 8:00	37.888	21.615	34.674	36.108	27.401	29.880	36.717
7/26/12 8:20	38.337	38.237	33.801	7/26/12 8:20	37.890	21.608	34.706	36.108	27.406	29.882	36.717
7/26/12 8:40	38.348	38.247	33.703	7/26/12 8:40	37.893	21.615	34.711	36.110	27.418	29.924	36.719
7/26/12 9:00	38.349	38.249	33.647	7/26/12 9:00	37.895	21.624	34.701	36.115	27.425	29.931	36.721
7/26/12 9:20	38.349	38.249	33.611	7/26/12 9:20	37.897	21.622	34.694	36.110	27.420	29.936	36.724
7/26/12 9:40	38.349	38.244	33.586	7/26/12 9:40	37.900	21.624	34.690	36.113	27.418	29.948	36.726
7/26/12 10:00	38.349	38.247	33.804	7/26/12 10:00	37.902	21.624	34.690	36.113	27.418	29.957	36.726
7/26/12 10:20	38.360	38.258	33.761	7/26/12 10:20	37.904	21.624	34.739	36.108	27.427	29.976	36.728

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/26/12 10:40	38.379	38.277	33.677	7/26/12 10:40	37.904	21.624	34.746	36.108	27.434	29.987	36.731
7/26/12 11:00	38.383	38.284	33.632	7/26/12 11:00	37.907	21.629	34.741	36.106	27.432	29.999	36.735
7/26/12 11:20	38.379	38.277	33.611	7/26/12 11:20	37.909	21.622	34.741	36.103	27.425	29.994	36.740
7/26/12 11:40	38.370	38.270	33.581	7/26/12 11:40	37.911	21.626	34.683	36.101	27.420	29.990	36.740
7/26/12 12:00	38.370	38.270	33.590	7/26/12 12:00	37.911	21.629	34.690	36.103	27.425	29.999	
7/26/12 12:20	38.407	38.310	33.759	7/26/12 12:20	37.916	21.631	34.722	36.103	27.429	30.020	
7/26/12 12:40	38.416	38.317	33.829	7/26/12 12:40	37.916	21.626	34.748	36.096	27.432	30.041	
7/26/12 13:00	38.435	38.335	33.888	7/26/12 13:00	37.918	21.622	34.774	36.092	27.439	30.025	
7/26/12 13:20	38.475	38.375	33.947	7/26/12 13:20	37.918	21.612	34.820	36.085	27.443	30.022	
7/26/12 13:40	38.645	38.586	33.947	7/26/12 13:40	37.921	21.610	34.851	36.085	27.453	30.055	
7/26/12 14:00	38.591	38.511	33.937	7/26/12 14:00	37.921	21.612	34.874	36.082	27.462	30.093	
7/26/12 14:20	38.570	38.473	33.935	7/26/12 14:20	37.918	21.608	34.899	36.078	27.471	30.083	
7/26/12 14:40	38.579	38.483	33.916	7/26/12 14:40	37.918	21.605	34.913	36.073	27.478	30.097	
7/26/12 15:00	38.591	38.494	33.902	7/26/12 15:00	37.918	21.601	34.923	36.073	27.488	30.111	
7/26/12 15:20	38.600	38.504	33.888	7/26/12 15:20	37.918	21.610	34.932	36.068	27.492	30.116	
7/26/12 15:40	38.603	38.511	33.879	7/26/12 15:40	37.916	21.610	34.934	36.064	27.497	30.132	
7/26/12 16:00	38.603	38.508	33.855	7/26/12 16:00	37.914	21.601	34.920	36.061	27.495	30.081	
7/26/12 16:20	38.575	38.480	33.811	7/26/12 16:20	37.911	21.601	34.885	36.059	27.490	30.093	
7/26/12 16:40	38.535	38.438	33.766	7/26/12 16:40	37.911	21.601	34.848	36.054	27.481	30.057	
7/26/12 17:00	38.500	38.406	33.724	7/26/12 17:00	37.909	21.591	34.816	36.047	27.467	30.053	
7/26/12 17:20	38.474	38.380	33.693	7/26/12 17:20	37.904	21.591	34.788	36.043	27.455	30.050	
7/26/12 17:40	38.451	38.354	33.818	7/26/12 17:40	37.902	21.580	34.767	36.033	27.441	30.036	36.988
7/26/12 18:00	38.430	38.333	33.909	7/26/12 18:00	37.900	21.582	34.769	36.028	27.432	30.029	36.937
7/26/12 18:20	38.411	38.314	33.860	7/26/12 18:20	37.897	21.575	34.774	36.026	27.429	30.020	36.894
7/26/12 18:40	38.404	38.307	33.801	7/26/12 18:40	37.890	21.582	34.771	36.026	27.429	30.018	36.862
7/26/12 19:00	38.433	38.331	33.750	7/26/12 19:00	37.890	21.587	34.764	36.026	27.432	30.020	36.834
7/26/12 19:20	38.428	38.328	33.705	7/26/12 19:20	37.888	21.582	34.753	36.024	27.429	30.015	36.817
7/26/12 19:40	38.419	38.321	33.679	7/26/12 19:40	37.883	21.587	34.746	36.031	27.432	30.006	36.806
7/26/12 20:00	38.405	38.307	33.656	7/26/12 20:00	37.883	21.591	34.734	36.031	27.429	29.999	36.794
7/26/12 20:20	38.395	38.298	33.637	7/26/12 20:20	37.881	21.596	34.725	36.036	27.429	29.990	36.785
7/26/12 20:40	38.384	38.286	33.614	7/26/12 20:40	37.879	21.601	34.713	36.035	27.427	29.976	36.775
7/26/12 21:00	38.376	38.279	33.602	7/26/12 21:00	37.876	21.608	34.704	36.040	27.425	29.959	36.766
7/26/12 21:20	38.374	38.275	33.595	7/26/12 21:20	37.876	21.617	34.701	36.047	27.427	29.950	36.759
7/26/12 21:40	38.370	38.272	33.590	7/26/12 21:40	37.874	21.622	34.699	36.054	27.432	29.950	36.754

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/26/12 22:00	38.372	38.272	33.595	7/26/12 22:00	37.872	21.626	34.701	36.064	27.439	29.950	36.752
7/26/12 22:20	38.372	38.272	33.651	7/26/12 22:20	37.874	21.638	34.701	36.068	27.441	29.948	36.747
7/26/12 22:40	38.377	38.275	33.754	7/26/12 22:40	37.874	21.640	34.704	36.071	27.443	29.950	36.745
7/26/12 23:00	38.379	38.279	33.839	7/26/12 23:00	37.876	21.647	34.713	36.075	27.446	29.950	36.745
7/26/12 23:20	38.386	38.284	33.855	7/26/12 23:20	37.876	21.647	34.729	36.078	27.450	29.952	36.745
7/26/12 23:40	38.393	38.291	33.836	7/26/12 23:40	37.876	21.657	34.746	36.087	27.460	29.966	36.747
7/27/12 0:00	38.400	38.296	33.808	7/27/12 0:00	37.879	21.657	34.755	36.087	27.464	29.964	36.749
7/27/12 0:20	38.407	38.305	33.776	7/27/12 0:20	37.879	21.659	34.762	36.089	27.469	30.004	36.749
7/27/12 0:40	38.409	38.307	33.733	7/27/12 0:40	37.881	21.678	34.762	36.089	27.476	30.006	36.752
7/27/12 1:00	38.409	38.307	33.710	7/27/12 1:00	37.881	21.661	34.757	36.087	27.476	30.004	36.752
7/27/12 1:20	38.402	38.300	33.691	7/27/12 1:20	37.883	21.661	34.755	36.085	27.474	29.999	36.754
7/27/12 1:40	38.398	38.298	33.677	7/27/12 1:40	37.883	21.659	34.746	36.085	27.474	29.997	36.754
7/27/12 2:00	38.391	38.293	33.663	7/27/12 2:00	37.886	21.661	34.741	36.085	27.474	29.990	36.754
7/27/12 2:20	38.388	38.291	33.651	7/27/12 2:20	37.886	21.664	34.736	36.087	27.474	29.983	36.754
7/27/12 2:40	38.384	38.284	33.639	7/27/12 2:40	37.886	21.663	34.734	36.085	27.471	29.978	36.754
7/27/12 3:00	38.379	38.282	33.632	7/27/12 3:00	37.886	21.666	34.727	36.085	27.469	30.008	36.754
7/27/12 3:20	38.379	38.279	33.628	7/27/12 3:20	37.888	21.671	34.725	36.087	27.471	30.001	36.754
7/27/12 3:40	38.372	38.277	33.621	7/27/12 3:40	37.888	21.675	34.722	36.087	27.471	29.997	36.754
7/27/12 4:00	38.374	38.277	33.618	7/27/12 4:00	37.888	21.680	34.720	36.089	27.474	29.987	36.754
7/27/12 4:20	38.372	38.275	33.747	7/27/12 4:20	37.888	21.680	34.722	36.092	27.476	29.978	36.754
7/27/12 4:40	38.397	38.300	33.890	7/27/12 4:40	37.890	21.696	34.757	36.106	27.488	30.025	36.759
7/27/12 5:00	38.391	38.293	33.853	7/27/12 5:00	37.893	21.703	34.778	36.106	27.495	30.029	36.763
7/27/12 5:20	38.391	38.293	33.804	7/27/12 5:20	37.893	21.703	34.785	36.108	27.502	30.036	36.766
7/27/12 5:40	38.398	38.300	33.768	7/27/12 5:40	37.897	21.710	34.788	36.110	27.511	30.034	36.768
7/27/12 6:00	38.398	38.300	33.743	7/27/12 6:00	37.897	21.719	34.788	36.115	27.516	30.029	36.770
7/27/12 6:20	38.400	38.303	33.722	7/27/12 6:20	37.900	21.724	34.783	36.117	27.520	30.027	36.773
7/27/12 6:40	38.405	38.307	33.708	7/27/12 6:40	37.902	21.726	34.781	36.117	27.523	30.050	36.775
7/27/12 7:00	38.407	38.312	33.693	7/27/12 7:00	37.902	21.731	34.778	36.122	27.525	30.041	36.780
7/27/12 7:20	38.419	38.321	33.684	7/27/12 7:20	37.904	21.736	34.776	36.120	27.525	30.039	36.785
7/27/12 7:40	38.465	38.364	33.677	7/27/12 7:40	37.907	21.740	34.774	36.120	27.530	30.039	36.789
7/27/12 8:00	38.503	38.401	33.679	7/27/12 8:00	37.907	21.738	34.781	36.124	27.539	30.043	36.799
7/27/12 8:20	38.500	38.401	33.752	7/27/12 8:20	37.909	21.754	34.790	36.131	27.546	30.076	36.815
7/27/12 8:40	38.493	38.394	33.947	7/27/12 8:40	37.909	21.754	34.811	36.134	27.548	30.071	36.824
7/27/12 9:00	38.568	38.506	33.926	7/27/12 9:00	37.911	21.757	34.843	36.141	27.558	30.076	36.831

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/27/12 9:20	38.535	38.438	33.867	7/27/12 9:20	37.916	21.757	34.858	36.138	27.567	30.088	36.843
7/27/12 9:40	38.535	38.438	33.822	7/27/12 9:40	37.918	21.759	34.858	36.138	27.574	30.109	36.850
7/27/12 10:00	38.558	38.469	33.794	7/27/12 10:00	37.921	21.761	34.855	36.138	27.579	30.121	36.855
7/27/12 10:20	38.568	38.469	33.773	7/27/12 10:20	37.921	21.757	34.851	36.138	27.579	30.137	36.862
7/27/12 10:40	38.542	38.445	33.759	7/27/12 10:40	37.923	21.761	34.848	36.138	27.581	30.146	36.869
7/27/12 11:00	38.582	38.511	33.747	7/27/12 11:00	37.925	21.759	34.841	36.138	27.576	30.125	36.869
7/27/12 11:20	38.663	38.670	33.738	7/27/12 11:20	37.928	21.757	34.832	36.131	27.574	30.139	36.873
7/27/12 11:40	38.684	38.693	33.980	7/27/12 11:40	37.932	21.752	34.841	36.127	27.570	30.116	36.871
7/27/12 12:00	38.523	38.431	33.919	7/27/12 12:00	37.932	21.752	34.878	36.120	27.574	30.142	36.869
7/27/12 12:20	38.510	38.417	33.841	7/27/12 12:20	37.937	21.745	34.869	36.113	27.576	30.139	36.866
7/27/12 12:40	38.498	38.406	33.797	7/27/12 12:40	37.937	21.743	34.853	36.108	27.572	30.128	36.859
7/27/12 13:00	38.563	38.483	33.766	7/27/12 13:00	37.937	21.738	34.841	36.103	27.565	30.111	36.852
7/27/12 13:20	38.498	38.405	33.740	7/27/12 13:20	37.937	21.736	34.830	36.099	27.560	30.132	36.852
7/27/12 13:40	38.468	38.375	33.717	7/27/12 13:40	37.937	21.729	34.813	36.092	27.551	30.095	36.848
7/27/12 14:00	38.465	38.371	33.888	7/27/12 14:00	37.937	21.726	34.806	36.082	27.544	30.085	36.841
7/27/12 14:20	38.512	38.410	33.933	7/27/12 14:20	37.935	21.722	34.804	36.073	27.541	30.081	36.834
7/27/12 14:40	38.556	38.452	33.867	7/27/12 14:40	37.935	21.717	34.795	36.071	27.539	30.078	36.831
7/27/12 15:00	38.593	38.487	33.682	7/27/12 15:00	37.932	21.710	34.790	36.064	27.539	30.078	36.836
7/27/12 15:20	38.626	38.520	33.693	7/27/12 15:20	37.930	21.710	34.797	36.059	27.541	30.083	36.845
7/27/12 15:40	38.654	38.548	33.703	7/27/12 15:40	37.925	21.705	34.806	36.054	27.541	30.083	36.852
7/27/12 16:00	38.677	38.574	33.719	7/27/12 16:00	37.923	21.703	34.818	36.050	27.546	30.088	36.864
7/27/12 16:20	38.698	38.592	33.738	7/27/12 16:20	37.921	21.699	34.827	36.047	27.546	30.090	36.871
7/27/12 16:40	38.710	38.604	33.759	7/27/12 16:40	37.918	21.694	34.836	36.040	27.548	30.093	36.878
7/27/12 17:00	38.682	38.581	33.773	7/27/12 17:00	37.916	21.687	34.841	36.036	27.541	30.090	36.885
7/27/12 17:20	38.631	38.532	33.797	7/27/12 17:20	37.914	21.692	34.841	36.031	27.534	30.083	36.885
7/27/12 17:40	38.586	38.487	33.825	7/27/12 17:40	37.909	21.691	34.841	36.026	27.527	30.076	36.878
7/27/12 18:00	38.561	38.471	33.858	7/27/12 18:00	37.907	21.677	34.832	36.024	27.518	30.064	36.866
7/27/12 18:20	38.544	38.450	33.895	7/27/12 18:20	37.902	21.682	34.818	36.024	27.511	30.057	36.857
7/27/12 18:40	38.591	38.560	33.900	7/27/12 18:40	37.897	21.682	34.818	36.024	27.506	30.055	36.850
7/27/12 19:00	38.738	38.784	33.916	7/27/12 19:00	37.895	21.684	34.806	36.026	27.502	30.050	36.845
7/27/12 19:20	38.708	38.747	33.921	7/27/12 19:20	37.890	21.689	34.799	36.026	27.499	30.046	36.841
7/27/12 19:40	38.624	38.581	33.930	7/27/12 19:40	37.886	21.691	34.799	36.031	27.504	30.050	36.841
7/27/12 20:00	38.761	38.770	33.926	7/27/12 20:00	37.883	21.691	34.797	36.035	27.511	30.057	36.845
7/27/12 20:20	38.635	38.541	33.951	7/27/12 20:20	37.881	21.698	34.825	36.043	27.523	30.067	36.852

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/27/12 20:40	38.626	38.525	33.951	7/27/12 20:40	37.876	21.703	34.830	36.043	27.530	30.074	36.862
7/27/12 21:00	38.633	38.532	33.961	7/27/12 21:00	37.876	21.712	34.836	36.050	27.539	30.083	36.866
7/27/12 21:20	38.633	38.532	33.968	7/27/12 21:20	37.876	21.722	34.839	36.057	27.546	30.090	36.873
7/27/12 21:40	38.598	38.499	33.973	7/27/12 21:40	37.874	21.726	34.844	36.064	27.548	30.095	36.876
7/27/12 22:00	38.565	38.469	33.975	7/27/12 22:00	37.874	21.738	34.846	36.073	27.553	30.100	36.878
7/27/12 22:20	38.537	38.441	33.970	7/27/12 22:20	37.876	21.740	34.844	36.075	27.555	30.100	36.871
7/27/12 22:40	38.512	38.415	33.966	7/27/12 22:40	37.876	21.740	34.836	36.078	27.553	30.100	36.862
7/27/12 23:00	38.493	38.399	33.961	7/27/12 23:00	37.876	21.736	34.830	36.075	27.551	30.097	36.852
7/27/12 23:20	38.477	38.382	33.961	7/27/12 23:20	37.881	21.738	34.830	36.075	27.548	30.093	36.843
7/27/12 23:40	38.468	38.373	33.949	7/27/12 23:40	37.886	21.733	34.822	36.073	27.546	30.088	36.836
7/28/12 0:00	38.461	38.364	33.944	7/28/12 0:00	37.883	21.731	34.820	36.075	27.546	30.088	36.829
7/28/12 0:20	38.454	38.356	33.940	7/28/12 0:20	37.886	21.740	34.818	36.075	27.544	30.085	36.822
7/28/12 0:40	38.442	38.347	33.940	7/28/12 0:40	37.886	21.738	34.813	36.075	27.544	30.083	36.817
7/28/12 1:00	38.440	38.342	33.940	7/28/12 1:00	37.883	21.745	34.811	36.080	27.546	30.085	36.813
7/28/12 1:20	38.428	38.331	33.935	7/28/12 1:20	37.886	21.743	34.806	36.078	27.541	30.081	36.808
7/28/12 1:40	38.421	38.324	33.926	7/28/12 1:40	37.886	21.743	34.802	36.073	27.537	30.076	36.801
7/28/12 2:00	38.414	38.317	33.923	7/28/12 2:00	37.886	21.738	34.797	36.068	27.532	30.071	36.796
7/28/12 2:20	38.407	38.312	33.914	7/28/12 2:20	37.886	21.731	34.788	36.064	27.525	30.064	36.789
7/28/12 2:40	38.405	38.307	33.909	7/28/12 2:40	37.886	21.733	34.792	36.066	27.527	30.067	36.787
7/28/12 3:00	38.405	38.305	33.902	7/28/12 3:00	37.886	21.731	34.790	36.059	27.523	30.060	36.782
7/28/12 3:20	38.405	38.307	33.902	7/28/12 3:20	37.883	21.729	34.788	36.061	27.523	30.062	36.780
7/28/12 3:40	38.400	38.303	33.900	7/28/12 3:40	37.883	21.726	34.785	36.059	27.520	30.057	36.777
7/28/12 4:00	38.398	38.300	33.902	7/28/12 4:00	37.886	21.736	34.788	36.066	27.525	30.062	36.780
7/28/12 4:20	38.393	38.296	33.905	7/28/12 4:20	37.881	21.743	34.778	36.064	27.520	30.057	36.777
7/28/12 4:40	38.388	38.291	33.902	7/28/12 4:40	37.883	21.733	34.769	36.066	27.518	30.057	36.775
7/28/12 5:00	38.386	38.289	33.867	7/28/12 5:00	37.881	21.740	34.757	36.061	27.516	30.053	36.773
7/28/12 5:20	38.379	38.282	33.771	7/28/12 5:20	37.881	21.729	34.743	36.057	27.511	30.050	36.770
7/28/12 5:40	38.379	38.284	33.686	7/28/12 5:40	37.883	21.736	34.743	36.059	27.513	30.053	36.770
7/28/12 6:00	38.379	38.282	33.644	7/28/12 6:00	37.883	21.738	34.741	36.061	27.513	30.050	36.770
7/28/12 6:20	38.379	38.282	33.639	7/28/12 6:20	37.883	21.745	34.741	36.064	27.516	30.053	36.770
7/28/12 6:40	38.377	38.282	33.654	7/28/12 6:40	37.883	21.747	34.743	36.064	27.516	30.053	36.768
7/28/12 7:00	38.381	38.284	33.639	7/28/12 7:00	37.881	21.747	34.746	36.066	27.516	30.053	36.770
7/28/12 7:20	38.379	38.282	33.639	7/28/12 7:20	37.883	21.745	34.743	36.064	27.516	30.053	36.770
7/28/12 7:40	38.379	38.284	33.649	7/28/12 7:40	37.883	21.747	34.746	36.064	27.518	30.055	36.770

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/28/12 8:00	38.379	38.282	33.639	7/28/12 8:00	37.883	21.750	34.743	36.064	27.516	30.055	36.770
7/28/12 8:20	38.379	38.282	33.639	7/28/12 8:20	37.886	21.743	34.743	36.064	27.516	30.053	36.770
7/28/12 8:40	38.384	38.296	33.639	7/28/12 8:40	37.886	21.747	34.746	36.064	27.516	30.055	36.768
7/28/12 9:00	38.377	38.279	33.642	7/28/12 9:00	37.886	21.740	34.746	36.064	27.516	30.055	36.770
7/28/12 9:20	38.374	38.279	33.642	7/28/12 9:20	37.890	21.750	34.743	36.061	27.513	30.050	36.768
7/28/12 9:40	38.370	38.272	33.639	7/28/12 9:40	37.890	21.740	34.739	36.057	27.509	30.050	36.766
7/28/12 10:00	38.370	38.272	33.635	7/28/12 10:00	37.890	21.740	34.736	36.054	27.506	30.048	36.766
7/28/12 10:20	38.372	38.275	33.639	7/28/12 10:20	37.893	21.731	34.734	36.047	27.502	30.041	36.759
7/28/12 10:40	38.374	38.277	33.658	7/28/12 10:40	37.893	21.729	34.741	36.045	27.502	30.041	36.754
7/28/12 11:00	38.365	38.270	33.672	7/28/12 11:00	37.893	21.722	34.743	36.040	27.497	30.036	36.749
7/28/12 11:20	38.388	38.298	33.703	7/28/12 11:20	37.893	21.722	34.750	36.038	27.495	30.029	36.742
7/28/12 11:40	38.402	38.340	33.827	7/28/12 11:40	37.895	21.712	34.727	36.031	27.474	30.011	36.740
7/28/12 12:00	38.379	38.296	33.595	7/28/12 12:00	37.895	21.712	34.690	36.029	27.467	30.006	36.738
7/28/12 12:20	38.461	38.394	33.588	7/28/12 12:20	37.893	21.705	34.697	36.033	27.462	30.006	36.738
7/28/12 12:40	38.631	38.644	33.602	7/28/12 12:40	37.893	21.708	34.704	36.026	27.464	30.008	36.747
7/28/12 13:00	38.503	38.478	33.614	7/28/12 13:00	37.893	21.701	34.713	36.022	27.462	30.006	36.754
7/28/12 13:20	38.584	38.593	33.628	7/28/12 13:20	37.895	21.691	34.722	36.017	27.460	30.008	36.756
7/28/12 13:40	38.724	38.819	33.651	7/28/12 13:40	37.895	21.691	34.734	36.021	27.462	30.008	36.761
7/28/12 14:00	38.558	38.548	33.675	7/28/12 14:00	37.890	21.682	34.743	36.014	27.460	30.008	36.773
7/28/12 14:20	38.516	38.450	33.705	7/28/12 14:20	37.888	21.677	34.743	36.008	27.453	29.999	36.773
7/28/12 14:40	38.530	38.473	33.726	7/28/12 14:40	37.888	21.675	34.746	36.005	27.450	29.994	36.766
7/28/12 15:00	38.530	38.499	33.787	7/28/12 15:00	37.886	21.673	34.741	35.998	27.439	29.985	36.761
7/28/12 15:20	38.472	38.406	33.635	7/28/12 15:20	37.886	21.673	34.683	35.996	27.427	29.976	36.770
7/28/12 15:40	38.519	38.522	33.571	7/28/12 15:40	37.883	21.668	34.683	35.996	27.425	29.973	36.756
7/28/12 16:00	38.472	38.408	33.588	7/28/12 16:00	37.881	21.661	34.687	35.991	27.422	29.973	36.752
7/28/12 16:20	38.584	38.635	33.602	7/28/12 16:20	37.879	21.659	34.694	35.989	27.420	29.971	36.749
7/28/12 16:40	38.454	38.378	33.593	7/28/12 16:40	37.876	21.652	34.690	35.979	27.415	29.969	36.752
7/28/12 17:00	38.598	38.593	33.586	7/28/12 17:00	37.872	21.647	34.683	35.977	27.411	29.962	36.749
7/28/12 17:20	38.489	38.450	33.600	7/28/12 17:20	37.867	21.640	34.685	35.975	27.408	29.962	36.742
7/28/12 17:40	38.621	38.660	33.632	7/28/12 17:40	37.867	21.638	34.699	35.972	27.406	29.957	36.740
7/28/12 18:00	38.556	38.532	33.661	7/28/12 18:00	37.862	21.631	34.704	35.968	27.401	29.952	36.740
7/28/12 18:20	38.421	38.328	33.722	7/28/12 18:20	37.858	21.619	34.697	35.958	27.387	29.938	36.738
7/28/12 18:40	38.556	38.565	33.787	7/28/12 18:40	37.853	21.631	34.660	35.961	27.373	29.924	36.731
7/28/12 19:00	38.437	38.401	33.532	7/28/12 19:00	37.851	21.626	34.638	35.961	27.373	29.927	36.728

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/28/12 19:20	38.367	38.279	33.539	7/28/12 19:20	37.848	21.626	34.639	35.965	27.376	29.927	36.721
7/28/12 19:40	38.344	38.247	33.536	7/28/12 19:40	37.846	21.631	34.641	35.965	27.376	29.927	36.710
7/28/12 20:00	38.335	38.240	33.546	7/28/12 20:00	37.844	21.638	34.643	35.972	27.380	29.927	36.700
7/28/12 20:20	38.325	38.233	33.555	7/28/12 20:20	37.844	21.643	34.645	35.972	27.378	29.927	36.691
7/28/12 20:40	38.346	38.247	33.574	7/28/12 20:40	37.841	21.638	34.650	35.972	27.383	29.927	36.679
7/28/12 21:00	38.384	38.284	33.602	7/28/12 21:00	37.839	21.643	34.662	35.975	27.385	29.927	36.677
7/28/12 21:20	38.374	38.275	33.651	7/28/12 21:20	37.837	21.640	34.669	35.977	27.383	29.924	36.679
7/28/12 21:40	38.356	38.258	33.717	7/28/12 21:40	37.837	21.654	34.669	35.989	27.385	29.922	36.684
7/28/12 22:00	38.339	38.240	33.776	7/28/12 22:00	37.839	21.659	34.650	35.994	27.380	29.924	36.684
7/28/12 22:20	38.337	38.240	33.661	7/28/12 22:20	37.839	21.670	34.634	36.010	27.392	29.931	36.686
7/28/12 22:40	38.328	38.230	33.525	7/28/12 22:40	37.841	21.675	34.634	36.014	27.397	29.938	36.686
7/28/12 23:00	38.328	38.230	33.534	7/28/12 23:00	37.841	21.682	34.643	36.022	27.401	29.943	36.684
7/28/12 23:20	38.372	38.286	33.489	7/28/12 23:20	37.844	21.696	34.618	36.043	27.399	29.931	36.677
7/28/12 23:40	38.479	38.441	33.466	7/28/12 23:40	37.851	21.694	34.599	36.040	27.394	29.922	36.668
7/29/12 0:00	38.729	38.819	33.468	7/29/12 0:00	37.848	21.715	34.615	36.080	27.406	29.931	36.668
7/29/12 0:20	38.607	38.611	33.485	7/29/12 0:20	37.876	21.738	34.627	36.101	27.427	29.950	36.693
7/29/12 0:40	38.582	38.555	33.494	7/29/12 0:40	37.900	21.761	34.634	36.117	27.446	29.966	36.705
7/29/12 1:00	38.374	38.324	33.461	7/29/12 1:00	37.909	21.708	34.592	36.059	27.397	29.927	36.682
7/29/12 1:20	38.335	38.249	33.440	7/29/12 1:20	37.904	21.694	34.573	36.050	27.380	29.906	36.665
7/29/12 1:40	38.314	38.226	33.426	7/29/12 1:40	37.902	21.684	34.559	36.040	27.366	29.894	36.654
7/29/12 2:00	38.288	38.191	33.414	7/29/12 2:00	37.897	21.684	34.545	36.036	27.359	29.884	36.642
7/29/12 2:20	38.269	38.172	33.407	7/29/12 2:20	37.895	21.687	34.538	36.038	27.357	29.880	36.630
7/29/12 2:40	38.258	38.156	33.393	7/29/12 2:40	37.895	21.680	34.527	36.031	27.347	29.870	36.618
7/29/12 3:00	38.246	38.144	33.386	7/29/12 3:00	37.893	21.680	34.515	36.029	27.338	29.861	36.604
7/29/12 3:20	38.234	38.130	33.374	7/29/12 3:20	37.890	21.670	34.503	36.019	27.329	29.852	36.595
7/29/12 3:40	38.234	38.127	33.370	7/29/12 3:40	37.886	21.670	34.499	36.022	27.326	29.845	36.588
7/29/12 4:00	38.230	38.127	33.365	7/29/12 4:00	37.886	21.680	34.494	36.024	27.326	29.845	36.583
7/29/12 4:20	38.276	38.221	33.360	7/29/12 4:20	37.883	21.675	34.492	36.024	27.322	29.842	36.579
7/29/12 4:40	38.342	38.303	33.353	7/29/12 4:40	37.883	21.663	34.482	36.017	27.312	29.833	36.574
7/29/12 5:00	38.276	38.207	33.339	7/29/12 5:00	37.879	21.647	34.469	35.996	27.289	29.814	36.562
7/29/12 5:20	38.230	38.127	33.337	7/29/12 5:20	37.874	21.647	34.464	35.998	27.289	29.810	36.565
7/29/12 5:40	38.211	38.109	33.328	7/29/12 5:40	37.872	21.640	34.454	35.991	27.280	29.800	36.562
7/29/12 6:00	38.206	38.104	33.325	7/29/12 6:00	37.867	21.659	34.452	35.998	27.280	29.800	36.555
7/29/12 6:20	38.199	38.097	33.325	7/29/12 6:20	37.865	21.659	34.452	36.003	27.282	29.800	36.553

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/29/12 6:40	38.192	38.090	33.320	7/29/12 6:40	37.867	21.661	34.447	36.001	27.277	29.796	36.548
7/29/12 7:00	38.192	38.088	33.318	7/29/12 7:00	37.865	21.654	34.445	36.003	27.277	29.796	36.548
7/29/12 7:20	38.262	38.219	33.316	7/29/12 7:20	37.865	21.659	34.445	36.005	27.275	29.793	36.544
7/29/12 7:40	38.204	38.102	33.320	7/29/12 7:40	37.865	21.663	34.447	36.012	27.280	29.796	36.546
7/29/12 8:00	38.199	38.097	33.316	7/29/12 8:00	37.865	21.659	34.443	36.010	27.277	29.793	36.546
7/29/12 8:20	38.202	38.106	33.313	7/29/12 8:20	37.865	21.663	34.441	36.012	27.275	29.791	36.544
7/29/12 8:40	38.279	38.226	33.313	7/29/12 8:40	37.865	21.661	34.438	36.008	27.270	29.789	36.544
7/29/12 9:00	38.239	38.139	33.316	7/29/12 9:00	37.867	21.668	34.443	36.014	27.275	29.791	36.546
7/29/12 9:20	38.346	38.279	33.318	7/29/12 9:20	37.867	21.659	34.443	36.017	27.275	29.791	36.551
7/29/12 9:40	38.286	38.205	33.320	7/29/12 9:40	37.869	21.661	34.450	36.019	27.275	29.791	36.560
7/29/12 10:00	38.244	38.141	33.325	7/29/12 10:00	37.869	21.668	34.452	36.024	27.280	29.796	36.567
7/29/12 10:20	38.225	38.123	33.320	7/29/12 10:20	37.872	21.666	34.445	36.017	27.273	29.793	36.567
7/29/12 10:40	38.276	38.221	33.318	7/29/12 10:40	37.869	21.661	34.443	36.017	27.268	29.789	36.560
7/29/12 11:00	38.258	38.177	33.318	7/29/12 11:00	37.872	21.663	34.443	36.019	27.268	29.789	36.560
7/29/12 11:20	38.314	38.256	33.316	7/29/12 11:20	37.874	21.663	34.440	36.019	27.268	29.786	36.560
7/29/12 11:40	38.246	38.151	33.313	7/29/12 11:40	37.876	21.663	34.438	36.019	27.263	29.784	36.558
7/29/12 12:00	38.220	38.118	33.313	7/29/12 12:00	37.876	21.663	34.436	36.017	27.263	29.784	36.558
7/29/12 12:20	38.232	38.130	33.372	7/29/12 12:20	37.879	21.666	34.476	36.022	27.280	29.803	36.565
7/29/12 12:40	38.260	38.191	33.337	7/29/12 12:40	37.879	21.666	34.452	36.022	27.273	29.791	36.565
7/29/12 13:00	38.213	38.111	33.320	7/29/12 13:00	37.883	21.657	34.440	36.015	27.263	29.782	36.560
7/29/12 13:20	38.286	38.237	33.311	7/29/12 13:20	37.881	21.657	34.436	36.015	27.259	29.777	36.551
7/29/12 13:40	38.269	38.160	33.306	7/29/12 13:40	37.883	21.647	34.429	36.005	27.254	29.770	36.548
7/29/12 14:00	38.251	38.144	33.302	7/29/12 14:00	37.883	21.643	34.424	36.001	27.247	29.763	36.546
7/29/12 14:20	38.232	38.127	33.292	7/29/12 14:20	37.886	21.636	34.417	35.994	27.238	29.756	36.544
7/29/12 14:40	38.218	38.109	33.283	7/29/12 14:40	37.883	21.629	34.408	35.986	27.228	29.747	36.537
7/29/12 15:00	38.195	38.090	33.274	7/29/12 15:00	37.881	21.619	34.399	35.977	27.217	29.737	36.527
7/29/12 15:20	38.178	38.074	33.264	7/29/12 15:20	37.881	21.615	34.387	35.972	27.207	29.728	36.520
7/29/12 15:40	38.169	38.067	33.257	7/29/12 15:40	37.881	21.615	34.382	35.972	27.203	29.723	36.504
7/29/12 16:00	38.190	38.116	33.250	7/29/12 16:00	37.876	21.617	34.373	35.970	27.198	29.714	36.502
7/29/12 16:20	38.230	38.177	33.248	7/29/12 16:20	37.876	21.615	34.371	35.970	27.193	29.711	36.502
7/29/12 16:40	38.171	38.067	33.243	7/29/12 16:40	37.869	21.612	34.364	35.963	27.186	29.704	36.497
7/29/12 17:00	38.171	38.067	33.238	7/29/12 17:00	37.865	21.608	34.361	35.963	27.184	29.700	36.492
7/29/12 17:20	38.167	38.060	33.231	7/29/12 17:20	37.862	21.601	34.354	35.956	27.175	29.695	36.485
7/29/12 17:40	38.167	38.060	33.229	7/29/12 17:40	37.860	21.603	34.352	35.961	27.175	29.693	36.483

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/29/12 18:00	38.188	38.083	33.227	7/29/12 18:00	37.858	21.603	34.350	35.958	27.170	29.688	36.480
7/29/12 18:20	38.183	38.076	33.224	7/29/12 18:20	37.853	21.596	34.347	35.956	27.168	29.686	36.483
7/29/12 18:40	38.169	38.062	33.222	7/29/12 18:40	37.853	21.601	34.343	35.954	27.161	29.681	36.480
7/29/12 19:00	38.169	38.060	33.220	7/29/12 19:00	37.851	21.598	34.340	35.956	27.161	29.679	36.480
7/29/12 19:20	38.164	38.055	33.217	7/29/12 19:20	37.846	21.591	34.338	35.951	27.156	29.674	36.478
7/29/12 19:40	38.164	38.055	33.213	7/29/12 19:40	37.846	21.596	34.333	35.949	27.151	29.672	36.476
7/29/12 20:00	38.169	38.060	33.213	7/29/12 20:00	37.844	21.594	34.331	35.949	27.149	29.667	36.476
7/29/12 20:20	38.178	38.071	33.215	7/29/12 20:20	37.839	21.596	34.333	35.956	27.154	29.669	36.478
7/29/12 20:40	38.192	38.083	33.220	7/29/12 20:40	37.839	21.615	34.343	35.965	27.158	29.676	36.480
7/29/12 21:00	38.199	38.090	33.224	7/29/12 21:00	37.837	21.615	34.345	35.970	27.165	29.681	36.487
7/29/12 21:20	38.206	38.095	33.231	7/29/12 21:20	37.834	21.633	34.354	35.984	27.175	29.690	36.494
7/29/12 21:40	38.246	38.132	33.243	7/29/12 21:40	37.834	21.638	34.366	35.996	27.186	29.700	36.502
7/29/12 22:00	38.295	38.179	33.255	7/29/12 22:00	37.837	21.643	34.378	36.008	27.203	29.714	36.511
7/29/12 22:20	38.335	38.219	33.267	7/29/12 22:20	37.839	21.647	34.392	36.010	27.210	29.723	36.525
7/29/12 22:40	38.344	38.228	33.276	7/29/12 22:40	37.844	21.643	34.401	36.010	27.212	29.728	36.539
7/29/12 23:00	38.325	38.214	33.281	7/29/12 23:00	37.844	21.643	34.403	36.010	27.212	29.728	36.551
7/29/12 23:20	38.307	38.198	33.285	7/29/12 23:20	37.844	21.654	34.408	36.022	27.219	29.735	36.558
7/29/12 23:40	38.290	38.181	33.288	7/29/12 23:40	37.846	21.657	34.408	36.022	27.219	29.740	36.562
7/30/12 0:00	38.272	38.160	33.283	7/30/12 0:00	37.848	21.640	34.403	36.015	27.212	29.730	36.555
7/30/12 0:20	38.260	38.151	33.281	7/30/12 0:20	37.848	21.640	34.399	36.015	27.210	29.730	36.553
7/30/12 0:40	38.244	38.137	33.274	7/30/12 0:40	37.848	21.638	34.394	36.010	27.205	29.723	36.546
7/30/12 1:00	38.239	38.130	33.466	7/30/12 1:00	37.848	21.647	34.406	36.015	27.207	29.726	36.541
7/30/12 1:20	38.246	38.139	33.320	7/30/12 1:20	37.848	21.645	34.426	36.019	27.221	29.747	36.551
7/30/12 1:40	38.234	38.127	33.295	7/30/12 1:40	37.848	21.650	34.415	36.024	27.221	29.742	36.553
7/30/12 2:00	38.223	38.116	33.281	7/30/12 2:00	37.853	21.645	34.401	36.017	27.212	29.733	36.544
7/30/12 2:20	38.216	38.109	33.274	7/30/12 2:20	37.851	21.647	34.396	36.017	27.210	29.728	36.534
7/30/12 2:40	38.213	38.109	33.274	7/30/12 2:40	37.853	21.657	34.396	36.024	27.212	29.730	36.532
7/30/12 3:00	38.638	38.787	33.281	7/30/12 3:00	37.853	21.677	34.410	36.057	27.231	29.742	36.532
7/30/12 3:20	38.433	38.392	33.297	7/30/12 3:20	37.858	21.687	34.434	36.073	27.245	29.758	36.553
7/30/12 3:40	38.801	38.952	33.316	7/30/12 3:40	37.855	21.687	34.452	36.080	27.252	29.768	36.572
7/30/12 4:00	38.911	39.093	33.344	7/30/12 4:00	37.862	21.696	34.478	36.099	27.270	29.786	36.609
7/30/12 4:20	38.962	39.149	33.367	7/30/12 4:20	37.867	21.703	34.501	36.108	27.284	29.803	36.644
7/30/12 4:40	39.025	39.207	33.389	7/30/12 4:40	37.867	21.705	34.522	36.115	27.294	29.819	36.684
7/30/12 5:00	39.055	39.249	33.412	7/30/12 5:00	37.867	21.705	34.545	36.120	27.308	29.833	36.717

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/30/12 5:20	39.060	39.245	33.424	7/30/12 5:20	37.869	21.701	34.555	36.117	27.308	29.840	36.742
7/30/12 5:40	38.936	39.053	33.438	7/30/12 5:40	37.874	21.703	34.569	36.117	27.319	29.852	36.766
7/30/12 6:00	38.722	38.737	33.447	7/30/12 6:00	37.874	21.708	34.573	36.117	27.326	29.861	36.777
7/30/12 6:20	38.498	38.396	33.445	7/30/12 6:20	37.874	21.708	34.566	36.110	27.329	29.863	36.773
7/30/12 6:40	38.437	38.335	33.435	7/30/12 6:40	37.876	21.715	34.557	36.110	27.331	29.863	36.752
7/30/12 7:00	38.405	38.303	33.431	7/30/12 7:00	37.879	21.722	34.550	36.113	27.333	29.861	36.728
7/30/12 7:20	38.377	38.272	33.419	7/30/12 7:20	37.883	21.724	34.541	36.108	27.329	29.859	36.712
7/30/12 7:40	38.360	38.256	33.410	7/30/12 7:40	37.883	21.717	34.531	36.103	27.324	29.852	36.693
7/30/12 8:00	38.342	38.237	33.398	7/30/12 8:00	37.888	21.715	34.520	36.094	27.319	29.845	36.679
7/30/12 8:20	38.335	38.230	33.393	7/30/12 8:20	37.888	21.708	34.513	36.092	27.312	29.835	36.665
7/30/12 8:40	38.321	38.216	33.384	7/30/12 8:40	37.888	21.698	34.503	36.085	27.308	29.831	36.654
7/30/12 9:00	38.311	38.207	33.381	7/30/12 9:00	37.890	21.708	34.503	36.087	27.310	29.831	36.649
7/30/12 9:20	38.302	38.198	33.379	7/30/12 9:20	37.890	21.717	34.499	36.087	27.310	29.831	36.642
7/30/12 9:40	38.302	38.198	33.377	7/30/12 9:40	37.893	21.726	34.501	36.096	27.317	29.835	36.639
7/30/12 10:00	38.290	38.186	33.374	7/30/12 10:00	37.895	21.717	34.496	36.089	27.312	29.833	36.632
7/30/12 10:20	38.290	38.186	33.374	7/30/12 10:20	37.895	21.724	34.499	36.092	27.317	29.833	36.628
7/30/12 10:40	38.279	38.174	33.365	7/30/12 10:40	37.900	21.715	34.485	36.080	27.305	29.824	36.621
7/30/12 11:00	38.521	38.536	33.356	7/30/12 11:00	37.890	21.694	34.478	36.068	27.289	29.807	36.607
7/30/12 11:20	38.293	38.188	33.358	7/30/12 11:20	37.900	21.712	34.478	36.071	27.298	29.814	36.616
7/30/12 11:40	38.542	38.536	33.353	7/30/12 11:40	37.900	21.687	34.478	36.066	27.284	29.803	36.611
7/30/12 12:00	38.540	38.588	33.367	7/30/12 12:00	37.895	21.705	34.492	36.082	27.305	29.824	36.630
7/30/12 12:20	38.563	38.583	33.374	7/30/12 12:20	37.897	21.712	34.499	36.085	27.308	29.826	36.637
7/30/12 12:40	38.388	38.282	33.379	7/30/12 12:40	37.900	21.712	34.501	36.078	27.312	29.828	36.644
7/30/12 13:00	38.656	38.691	33.379	7/30/12 13:00	37.900	21.710	34.501	36.073	27.312	29.831	36.644
7/30/12 13:20	38.447	38.335	33.384	7/30/12 13:20	37.900	21.705	34.508	36.071	27.315	29.833	36.651
7/30/12 13:40	38.454	38.340	33.386	7/30/12 13:40	37.900	21.696	34.508	36.064	27.312	29.831	36.656
7/30/12 14:00	38.463	38.349	33.386	7/30/12 14:00	37.902	21.698	34.508	36.057	27.310	29.831	36.658
7/30/12 14:20	38.551	38.448	33.386	7/30/12 14:20	37.900	21.694	34.510	36.052	27.308	29.831	36.661
7/30/12 14:40	38.516	38.410	33.389	7/30/12 14:40	37.897	21.684	34.510	36.045	27.305	29.826	36.663
7/30/12 15:00	38.516	38.406	33.489	7/30/12 15:00	37.897	21.684	34.566	36.036	27.322	29.847	36.672
7/30/12 15:20	38.612	38.543	33.421	7/30/12 15:20	37.895	21.675	34.538	36.033	27.310	29.838	36.689
7/30/12 15:40	38.530	38.417	33.410	7/30/12 15:40	37.895	21.668	34.527	36.026	27.303	29.831	36.693
7/30/12 16:00	38.551	38.443	33.403	7/30/12 16:00	37.893	21.668	34.522	36.022	27.301	29.828	36.691
7/30/12 16:20	38.673	38.660	33.405	7/30/12 16:20	37.890	21.657	34.529	36.026	27.301	29.828	36.696

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/30/12 16:40	38.824	38.887	33.405	7/30/12 16:40	37.886	21.663	34.531	36.024	27.301	29.831	36.703
7/30/12 17:00	38.640	38.539	33.407	7/30/12 17:00	37.886	21.661	34.538	36.024	27.301	29.833	36.712
7/30/12 17:20	38.801	38.852	33.414	7/30/12 17:20	37.883	21.657	34.536	36.019	27.301	29.833	36.721
7/30/12 17:40	38.820	38.861	33.417	7/30/12 17:40	37.881	21.650	34.545	36.024	27.303	29.833	36.726
7/30/12 18:00	38.649	38.550	33.421	7/30/12 18:00	37.879	21.650	34.545	36.012	27.301	29.835	36.735
7/30/12 18:20	38.885	38.943	33.424	7/30/12 18:20	37.872	21.643	34.548	36.012	27.301	29.835	36.738
7/30/12 18:40	38.897	38.920	33.428	7/30/12 18:40	37.869	21.645	34.557	36.015	27.303	29.838	36.747
7/30/12 19:00	38.848	38.808	33.435	7/30/12 19:00	37.869	21.640	34.559	36.015	27.305	29.842	36.759
7/30/12 19:20	38.913	38.971	33.438	7/30/12 19:20	37.865	21.643	34.564	36.017	27.303	29.842	36.763
7/30/12 19:40	38.887	38.945	33.442	7/30/12 19:40	37.862	21.640	34.566	36.019	27.305	29.845	36.773
7/30/12 20:00	38.948	39.044	33.445	7/30/12 20:00	37.860	21.647	34.573	36.031	27.310	29.849	36.773
7/30/12 20:20	38.964	39.058	33.452	7/30/12 20:20	37.858	21.661	34.583	36.043	27.317	29.856	36.780
7/30/12 20:40	38.871	38.929	33.459	7/30/12 20:40	37.855	21.659	34.585	36.047	27.319	29.863	36.787
7/30/12 21:00	38.673	38.611	33.461	7/30/12 21:00	37.855	21.659	34.587	36.050	27.324	29.868	36.792
7/30/12 21:20	38.554	38.462	33.459	7/30/12 21:20	37.853	21.668	34.580	36.050	27.326	29.868	36.785
7/30/12 21:40	38.486	38.380	33.452	7/30/12 21:40	37.853	21.684	34.573	36.054	27.333	29.873	36.768
7/30/12 22:00	38.451	38.347	33.447	7/30/12 22:00	37.855	21.691	34.571	36.068	27.340	29.875	36.747
7/30/12 22:20	38.430	38.324	33.440	7/30/12 22:20	37.858	21.705	34.564	36.073	27.343	29.875	36.731
7/30/12 22:40	38.409	38.300	33.433	7/30/12 22:40	37.860	21.708	34.559	36.075	27.340	29.873	36.714
7/30/12 23:00	38.395	38.289	33.428	7/30/12 23:00	37.862	21.710	34.555	36.078	27.343	29.873	36.700
7/30/12 23:20	38.379	38.272	33.424	7/30/12 23:20	37.865	21.717	34.548	36.082	27.345	29.870	36.691
7/30/12 23:40	38.365	38.261	33.419	7/30/12 23:40	37.867	21.717	34.545	36.082	27.345	29.870	36.679
7/31/12 0:00	38.351	38.247	33.414	7/31/12 0:00	37.869	21.726	34.543	36.087	27.345	29.868	36.672
7/31/12 0:20	38.337	38.230	33.405	7/31/12 0:20	37.872	21.705	34.527	36.080	27.336	29.859	36.661
7/31/12 0:40	38.325	38.221	33.400	7/31/12 0:40	37.872	21.715	34.527	36.080	27.336	29.859	36.654
7/31/12 1:00	38.318	38.214	33.398	7/31/12 1:00	37.874	21.724	34.527	36.087	27.341	29.861	36.647
7/31/12 1:20	38.304	38.202	33.396	7/31/12 1:20	37.876	21.717	34.520	36.082	27.336	29.854	36.639
7/31/12 1:40	38.300	38.195	33.389	7/31/12 1:40	37.876	21.710	34.513	36.080	27.334	29.852	36.630
7/31/12 2:00	38.288	38.181	33.381	7/31/12 2:00	37.876	21.712	34.506	36.075	27.326	29.845	36.623
7/31/12 2:20	38.283	38.179	33.377	7/31/12 2:20	37.879	21.715	34.501	36.073	27.324	29.842	36.616
7/31/12 2:40	38.267	38.163	33.365	7/31/12 2:40	37.879	21.698	34.487	36.059	27.310	29.828	36.607
7/31/12 3:00	38.262	38.156	33.358	7/31/12 3:00	37.879	21.696	34.480	36.054	27.301	29.821	36.597
7/31/12 3:20	38.251	38.146	33.351	7/31/12 3:20	37.876	21.687	34.471	36.047	27.294	29.812	36.590
7/31/12 3:40	38.244	38.137	33.342	7/31/12 3:40	37.879	21.684	34.462	36.038	27.284	29.805	36.583

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/31/12 4:00	38.244	38.137	33.342	7/31/12 4:00	37.874	21.698	34.466	36.052	27.294	29.807	36.581
7/31/12 4:20	38.241	38.134	33.344	7/31/12 4:20	37.874	21.710	34.466	36.054	27.294	29.810	36.579
7/31/12 4:40	38.227	38.120	33.332	7/31/12 4:40	37.876	21.691	34.452	36.038	27.280	29.798	36.569
7/31/12 5:00	38.216	38.109	33.316	7/31/12 5:00	37.874	21.670	34.436	36.014	27.256	29.777	36.555
7/31/12 5:20	38.204	38.099	33.304	7/31/12 5:20	37.872	21.659	34.422	36.001	27.242	29.765	36.548
7/31/12 5:40	38.211	38.104	33.304	7/31/12 5:40	37.867	21.668	34.424	36.015	27.249	29.765	36.548
7/31/12 6:00	38.209	38.104	33.309	7/31/12 6:00	37.865	21.687	34.431	36.026	27.259	29.775	36.551
7/31/12 6:20	38.213	38.109	33.316	7/31/12 6:20	37.865	21.703	34.441	36.040	27.270	29.784	36.551
7/31/12 6:40	38.253	38.186	33.318	7/31/12 6:40	37.867	21.710	34.443	36.047	27.275	29.789	36.551
7/31/12 7:00	38.227	38.120	33.325	7/31/12 7:00	37.867	21.722	34.448	36.057	27.284	29.796	36.555
7/31/12 7:20	38.230	38.125	33.332	7/31/12 7:20	37.869	21.729	34.457	36.071	27.296	29.805	36.562
7/31/12 7:40	38.232	38.125	33.337	7/31/12 7:40	37.869	21.729	34.459	36.071	27.296	29.810	36.565
7/31/12 8:00	38.234	38.127	33.339	7/31/12 8:00	37.874	21.736	34.464	36.075	27.298	29.810	36.569
7/31/12 8:20	38.237	38.130	33.339	7/31/12 8:20	37.876	21.731	34.462	36.073	27.298	29.807	36.572
7/31/12 8:40	38.239	38.132	33.342	7/31/12 8:40	37.879	21.726	34.459	36.071	27.298	29.810	36.574
7/31/12 9:00	38.239	38.132	33.342	7/31/12 9:00	37.881	21.726	34.461	36.068	27.296	29.810	36.576
7/31/12 9:20	38.239	38.132	33.337	7/31/12 9:20	37.883	21.717	34.455	36.059	27.289	29.803	36.576
7/31/12 9:40	38.241	38.134	33.335	7/31/12 9:40	37.883	21.722	34.454	36.057	27.287	29.798	36.576
7/31/12 10:00	38.241	38.132	33.335	7/31/12 10:00	37.886	21.717	34.454	36.057	27.287	29.798	36.579
7/31/12 10:20	38.239	38.132	33.337	7/31/12 10:20	37.886	21.724	34.455	36.061	27.289	29.803	36.581
7/31/12 10:40	38.239	38.132	33.337	7/31/12 10:40	37.886	21.722	34.454	36.059	27.287	29.800	36.579
7/31/12 11:00	38.253	38.148	33.396	7/31/12 11:00	37.886	21.722	34.492	36.052	27.301	29.819	36.590
7/31/12 11:20	38.283	38.181	33.358	7/31/12 11:20	37.886	21.715	34.471	36.050	27.291	29.807	36.595
7/31/12 11:40	38.314	38.240	33.346	7/31/12 11:40	37.888	21.705	34.464	36.045	27.284	29.800	36.593
7/31/12 12:00	38.323	38.230	33.339	7/31/12 12:00	37.890	21.703	34.459	36.040	27.275	29.793	36.595
7/31/12 12:20	38.409	38.399	33.337	7/31/12 12:20	37.890	21.696	34.459	36.038	27.270	29.789	36.597
7/31/12 12:40	38.468	38.410	33.337	7/31/12 12:40	37.888	21.689	34.464	36.038	27.268	29.786	36.604
7/31/12 13:00	38.505	38.483	33.342	7/31/12 13:00	37.888	21.691	34.466	36.038	27.268	29.789	36.614
7/31/12 13:20	38.586	38.600	33.342	7/31/12 13:20	37.888	21.689	34.464	36.033	27.263	29.786	36.616
7/31/12 13:40	38.384	38.303	33.342	7/31/12 13:40	37.888	21.687	34.466	36.033	27.266	29.786	36.621
7/31/12 14:00	38.339	38.249	33.337	7/31/12 14:00	37.888	21.677	34.459	36.026	27.261	29.784	36.618
7/31/12 14:20	38.325	38.230	33.332	7/31/12 14:20	37.888	21.675	34.452	36.022	27.254	29.779	36.611
7/31/12 14:40	38.300	38.200	33.325	7/31/12 14:40	37.886	21.673	34.445	36.015	27.249	29.772	36.604
7/31/12 15:00	38.286	38.184	33.323	7/31/12 15:00	37.883	21.680	34.443	36.017	27.249	29.772	36.597

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
7/31/12 15:20	38.255	38.151	33.313	7/31/12 15:20	37.886	21.668	34.431	36.010	27.242	29.765	36.586
7/31/12 15:40	38.279	38.177	33.546	7/31/12 15:40	37.883	21.668	34.543	36.001	27.275	29.803	36.586
7/31/12 16:00	38.297	38.198	33.663	7/31/12 16:00	37.881	21.663	34.592	36.001	27.298	29.840	36.618
7/31/12 16:20	38.316	38.216	33.890	7/31/12 16:20	37.879	21.666	34.660	36.000	27.315	29.863	36.651
7/31/12 16:40	38.309	38.214	33.579	7/31/12 16:40	37.879	21.661	34.620	35.996	27.315	29.868	36.672
7/31/12 17:00	38.272	38.172	33.442	7/31/12 17:00	37.876	21.650	34.529	35.987	27.277	29.824	36.654
7/31/12 17:20	38.258	38.156	33.384	7/31/12 17:20	37.872	21.650	34.492	35.984	27.256	29.793	36.625
7/31/12 17:40	38.321	38.298	33.349	7/31/12 17:40	37.869	21.652	34.464	35.982	27.242	29.777	36.597
7/31/12 18:00	38.253	38.153	33.330	7/31/12 18:00	37.867	21.643	34.448	35.979	27.233	29.765	36.581
7/31/12 18:20	38.223	38.118	33.311	7/31/12 18:20	37.865	21.643	34.433	35.975	27.224	29.754	36.567
7/31/12 18:40	38.209	38.104	33.299	7/31/12 18:40	37.860	21.643	34.422	35.979	27.221	29.747	36.558
7/31/12 19:00	38.230	38.123	33.290	7/31/12 19:00	37.858	21.645	34.415	35.979	27.219	29.742	36.544
7/31/12 19:20	38.251	38.141	33.288	7/31/12 19:20	37.858	21.652	34.410	35.982	27.219	29.740	36.539
7/31/12 19:40	38.244	38.137	33.285	7/31/12 19:40	37.853	21.654	34.410	35.987	27.219	29.740	36.539
7/31/12 20:00	38.237	38.127	33.283	7/31/12 20:00	37.853	21.659	34.408	35.987	27.217	29.740	36.541
7/31/12 20:20	38.230	38.120	33.283	7/31/12 20:20	37.851	21.659	34.406	35.991	27.217	29.740	36.539
7/31/12 20:40	38.225	38.116	33.283	7/31/12 20:40	37.848	21.670	34.406	36.001	27.221	29.742	36.539
7/31/12 21:00	38.223	38.113	33.283	7/31/12 21:00	37.848	21.675	34.408	36.005	27.224	29.742	36.537
7/31/12 21:20	38.220	38.113	33.285	7/31/12 21:20	37.848	21.680	34.410	36.012	27.226	29.744	36.539
7/31/12 21:40	38.225	38.113	33.285	7/31/12 21:40	37.848	21.684	34.410	36.017	27.228	29.747	36.539
7/31/12 22:00	38.239	38.130	33.428	7/31/12 22:00	37.851	21.687	34.471	36.024	27.249	29.768	36.544
7/31/12 22:20	38.237	38.130	33.328	7/31/12 22:20	37.851	21.684	34.441	36.024	27.247	29.770	36.558
7/31/12 22:40	38.239	38.132	33.311	7/31/12 22:40	37.851	21.689	34.431	36.029	27.245	29.765	36.558
7/31/12 23:00	38.244	38.137	33.304	7/31/12 23:00	37.853	21.689	34.426	36.029	27.242	29.761	36.555
7/31/12 23:20	38.239	38.130	33.299	7/31/12 23:20	37.853	21.687	34.419	36.026	27.238	29.756	36.553
7/31/12 23:40	38.230	38.123	33.295	7/31/12 23:40	37.853	21.680	34.415	36.022	27.233	29.751	36.551
8/1/12 0:00	38.218	38.111	33.288	8/1/12 0:00	37.853	21.675	34.408	36.015	27.224	29.744	36.546
8/1/12 0:20	38.216	38.106	33.285	8/1/12 0:20	37.853	21.675	34.403	36.017	27.224	29.742	36.544
8/1/12 0:40	38.206	38.099	33.281	8/1/12 0:40	37.853	21.668	34.401	36.017	27.221	29.740	36.539
8/1/12 1:00	38.202	38.095	33.276	8/1/12 1:00	37.851	21.670	34.399	36.015	27.217	29.737	36.534
8/1/12 1:20	38.195	38.088	33.274	8/1/12 1:20	37.851	21.675	34.392	36.015	27.217	29.735	36.532
8/1/12 1:40	38.190	38.083	33.269	8/1/12 1:40	37.851	21.666	34.389	36.012	27.212	29.730	36.525
8/1/12 2:00	38.181	38.076	33.262	8/1/12 2:00	37.851	21.666	34.382	36.008	27.205	29.723	36.520
8/1/12 2:20	38.178	38.071	33.257	8/1/12 2:20	37.848	21.661	34.378	36.008	27.203	29.721	36.513

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/1/12 2:40	38.171	38.064	33.252	8/1/12 2:40	37.848	21.661	34.378	36.005	27.200	29.716	36.509
8/1/12 3:00	38.174	38.064	33.252	8/1/12 3:00	37.848	21.668	34.375	36.010	27.200	29.716	36.506
8/1/12 3:20	38.164	38.057	33.250	8/1/12 3:20	37.848	21.666	34.371	36.008	27.198	29.714	36.504
8/1/12 3:40	38.160	38.055	33.243	8/1/12 3:40	37.848	21.661	34.361	36.001	27.189	29.704	36.497
8/1/12 4:00	38.153	38.046	33.238	8/1/12 4:00	37.848	21.647	34.357	35.996	27.182	29.700	36.492
8/1/12 4:20	38.155	38.050	33.236	8/1/12 4:20	37.846	21.654	34.359	36.003	27.184	29.702	36.490
8/1/12 4:40	38.146	38.039	33.229	8/1/12 4:40	37.846	21.638	34.347	35.991	27.175	29.690	36.483
8/1/12 5:00	38.143	38.034	33.222	8/1/12 5:00	37.846	21.640	34.340	35.987	27.168	29.683	36.478
8/1/12 5:20	38.139	38.029	33.220	8/1/12 5:20	37.844	21.640	34.340	35.989	27.165	29.683	36.476
8/1/12 5:40	38.139	38.032	33.220	8/1/12 5:40	37.844	21.650	34.340	35.991	27.170	29.683	36.473
8/1/12 6:00	38.136	38.029	33.220	8/1/12 6:00	37.841	21.652	34.338	35.991	27.165	29.681	36.471
8/1/12 6:20	38.139	38.029	33.217	8/1/12 6:20	37.844	21.654	34.338	35.996	27.170	29.683	36.471
8/1/12 6:40	38.148	38.039	33.222	8/1/12 6:40	37.844	21.659	34.343	36.003	27.175	29.686	36.473
8/1/12 7:00	38.475	38.555	33.255	8/1/12 7:00	37.874	21.712	34.382	36.066	27.224	29.723	36.492
8/1/12 7:20	38.652	38.742	33.299	8/1/12 7:20	37.960	21.764	34.438	36.129	27.275	29.777	36.520
8/1/12 7:40	38.857	38.971	33.332	8/1/12 7:40	37.967	21.775	34.471	36.145	27.294	29.800	36.565
8/1/12 8:00	38.946	39.093	33.356	8/1/12 8:00	37.953	21.754	34.492	36.136	27.296	29.810	36.614
8/1/12 8:20	38.981	39.128	33.384	8/1/12 8:20	37.953	21.752	34.517	36.141	27.305	29.821	36.661
8/1/12 8:40	38.983	39.137	33.396	8/1/12 8:40	37.937	21.731	34.527	36.124	27.303	29.826	36.696
8/1/12 9:00	38.957	39.107	33.405	8/1/12 9:00	37.909	21.710	34.531	36.103	27.291	29.824	36.724
8/1/12 9:20	38.866	38.976	33.407	8/1/12 9:20	37.893	21.687	34.527	36.087	27.280	29.817	36.740
8/1/12 9:40	38.726	38.749	33.398	8/1/12 9:40	37.862	21.666	34.513	36.057	27.261	29.803	36.745
8/1/12 10:00	38.598	38.614	33.389	8/1/12 10:00	37.848	21.652	34.499	36.038	27.249	29.791	36.733
8/1/12 10:20	38.547	38.508	33.377	8/1/12 10:20	37.844	21.652	34.489	36.031	27.245	29.784	36.719
8/1/12 10:40	38.519	38.497	33.372	8/1/12 10:40	37.844	21.654	34.489	36.038	27.242	29.782	36.705
8/1/12 11:00	38.731	38.791	33.370	8/1/12 11:00	37.844	21.654	34.494	36.040	27.245	29.782	36.698
8/1/12 11:20	38.754	38.796	33.377	8/1/12 11:20	37.846	21.663	34.496	36.047	27.252	29.789	36.700
8/1/12 11:40	38.757	38.840	33.374	8/1/12 11:40	37.844	21.659	34.496	36.043	27.249	29.786	36.703
8/1/12 12:00	38.677	38.716	33.379	8/1/12 12:00	37.839	21.654	34.501	36.043	27.247	29.786	36.707
8/1/12 12:20	38.596	38.520	33.374	8/1/12 12:20	37.837	21.657	34.496	36.036	27.245	29.786	36.707
8/1/12 12:40	38.416	38.321	33.365	8/1/12 12:40	37.827	21.650	34.482	36.024	27.235	29.777	36.696
8/1/12 13:00	38.346	38.242	33.353	8/1/12 13:00	37.834	21.647	34.469	36.019	27.233	29.772	36.677
8/1/12 13:20	38.379	38.366	33.335	8/1/12 13:20	37.825	21.647	34.452	36.012	27.221	29.758	36.647
8/1/12 13:40	38.283	38.179	33.320	8/1/12 13:40	37.823	21.640	34.438	36.005	27.214	29.749	36.625

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/1/12 14:00	38.267	38.167	33.309	8/1/12 14:00	37.823	21.650	34.429	36.005	27.210	29.740	36.607
8/1/12 14:20	38.286	38.198	33.297	8/1/12 14:20	37.818	21.640	34.417	36.003	27.200	29.730	36.586
8/1/12 14:40	38.234	38.132	33.288	8/1/12 14:40	37.814	21.638	34.403	35.996	27.193	29.723	36.572
8/1/12 15:00	38.211	38.106	33.274	8/1/12 15:00	37.811	21.636	34.394	35.991	27.186	29.716	36.558
8/1/12 15:20	38.195	38.090	33.262	8/1/12 15:20	37.807	21.638	34.380	35.987	27.177	29.707	36.541
8/1/12 15:40	38.188	38.083	33.252	8/1/12 15:40	37.804	21.631	34.371	35.982	27.170	29.697	36.527
8/1/12 16:00	38.206	38.104	33.243	8/1/12 16:00	37.802	21.631	34.366	35.982	27.165	29.690	36.516
8/1/12 16:20	38.171	38.064	33.234	8/1/12 16:20	37.795	21.622	34.354	35.975	27.154	29.683	36.506
8/1/12 16:40	38.199	38.106	33.229	8/1/12 16:40	37.793	21.626	34.350	35.975	27.151	29.676	36.499
8/1/12 17:00	38.237	38.167	33.220	8/1/12 17:00	37.788	21.612	34.345	35.972	27.142	29.667	36.494
8/1/12 17:20	38.190	38.083	33.330	8/1/12 17:20	37.781	21.608	34.392	35.963	27.154	29.681	36.490
8/1/12 17:40	38.349	38.378	33.236	8/1/12 17:40	37.772	21.603	34.350	35.958	27.135	29.667	36.494
8/1/12 18:00	38.370	38.364	33.217	8/1/12 18:00	37.767	21.594	34.336	35.954	27.123	29.653	36.487
8/1/12 18:20	38.276	38.268	33.206	8/1/12 18:20	37.765	21.587	34.329	35.951	27.116	29.646	36.483
8/1/12 18:40	38.311	38.312	33.196	8/1/12 18:40	37.758	21.582	34.319	35.947	27.109	29.637	36.478
8/1/12 19:00	38.393	38.392	33.191	8/1/12 19:00	37.755	21.580	34.315	35.944	27.102	29.630	36.478
8/1/12 19:20	38.220	38.116	33.189	8/1/12 19:20	37.753	21.573	34.315	35.942	27.100	29.627	36.478
8/1/12 19:40	38.353	38.349	33.189	8/1/12 19:40	37.753	21.570	34.312	35.944	27.097	29.625	36.480
8/1/12 20:00	38.349	38.340	33.189	8/1/12 20:00	37.755	21.587	34.310	35.944	27.097	29.625	36.480
8/1/12 20:20	38.227	38.167	33.182	8/1/12 20:20	37.758	21.587	34.305	35.947	27.095	29.620	36.476
8/1/12 20:40	38.153	38.046	33.177	8/1/12 20:40	37.760	21.577	34.298	35.944	27.093	29.618	36.471
8/1/12 21:00	38.160	38.071	33.173	8/1/12 21:00	37.760	21.577	34.294	35.944	27.088	29.616	36.462
8/1/12 21:20	38.146	38.039	33.168	8/1/12 21:20	37.762	21.577	34.289	35.942	27.083	29.611	36.452
8/1/12 21:40	38.136	38.025	33.166	8/1/12 21:40	37.769	21.584	34.287	35.949	27.086	29.611	36.450
8/1/12 22:00	38.134	38.022	33.168	8/1/12 22:00	37.776	21.589	34.287	35.956	27.090	29.613	36.448
8/1/12 22:20	38.134	38.022	33.166	8/1/12 22:20	37.783	21.589	34.287	35.958	27.090	29.613	36.445
8/1/12 22:40	38.129	38.018	33.163	8/1/12 22:40	37.783	21.589	34.282	35.961	27.088	29.611	36.443
8/1/12 23:00	38.127	38.018	33.159	8/1/12 23:00	37.781	21.589	34.280	35.956	27.083	29.606	36.438
8/1/12 23:20	38.127	38.015	33.156	8/1/12 23:20	37.779	21.580	34.275	35.954	27.079	29.602	36.436
8/1/12 23:40	38.132	38.018	33.154	8/1/12 23:40	37.786	21.587	34.275	35.961	27.081	29.604	36.436
8/2/12 0:00	38.127	38.015	33.154	8/2/12 0:00	37.788	21.582	34.273	35.961	27.081	29.602	36.434
8/2/12 0:20	38.125	38.015	33.154	8/2/12 0:20	37.790	21.582	34.273	35.963	27.081	29.602	36.434
8/2/12 0:40	38.115	38.004	33.147	8/2/12 0:40	37.781	21.575	34.266	35.954	27.069	29.595	36.429
8/2/12 1:00	38.108	37.997	33.138	8/2/12 1:00	37.767	21.554	34.252	35.940	27.055	29.581	36.422

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/2/12 1:20	38.101	37.992	33.133	8/2/12 1:20	37.769	21.561	34.252	35.942	27.053	29.576	36.417
8/2/12 1:40	38.097	37.987	33.128	8/2/12 1:40	37.765	21.552	34.245	35.940	27.048	29.571	36.413
8/2/12 2:00	38.421	38.378	33.182	8/2/12 2:00	37.872	21.650	34.317	36.052	27.130	29.639	36.441
8/2/12 2:20	38.591	38.684	33.224	8/2/12 2:20	37.914	21.691	34.359	36.094	27.175	29.683	36.480
8/2/12 2:40	38.768	38.929	33.260	8/2/12 2:40	37.928	21.708	34.392	36.115	27.198	29.709	36.509
8/2/12 3:00	38.873	39.055	33.269	8/2/12 3:00	37.907	21.680	34.403	36.096	27.189	29.709	36.551
8/2/12 3:20	38.925	39.088	33.276	8/2/12 3:20	37.881	21.650	34.408	36.080	27.177	29.702	36.576
8/2/12 3:40	38.943	39.116	33.297	8/2/12 3:40	37.879	21.645	34.426	36.082	27.186	29.716	36.616
8/2/12 4:00	38.953	39.137	33.306	8/2/12 4:00	37.862	21.626	34.431	36.068	27.177	29.711	36.639
8/2/12 4:20	38.929	39.072	33.318	8/2/12 4:20	37.862	21.622	34.445	36.071	27.184	29.718	36.663
8/2/12 4:40	38.666	38.660	33.339	8/2/12 4:40	37.895	21.657	34.464	36.094	27.212	29.749	36.686
8/2/12 5:00	38.694	38.754	33.337	8/2/12 5:00	37.893	21.654	34.459	36.089	27.210	29.747	36.679
8/2/12 5:20	38.589	38.546	33.344	8/2/12 5:20	37.911	21.666	34.466	36.103	27.226	29.761	36.672
8/2/12 5:40	38.505	38.469	33.328	8/2/12 5:40	37.890	21.647	34.450	36.078	27.210	29.749	36.656
8/2/12 6:00	38.386	38.284	33.313	8/2/12 6:00	37.876	21.631	34.433	36.064	27.196	29.735	36.635
8/2/12 6:20	38.309	38.200	33.299	8/2/12 6:20	37.865	21.624	34.415	36.047	27.184	29.718	36.616
8/2/12 6:40	38.279	38.170	33.281	8/2/12 6:40	37.851	21.615	34.396	36.033	27.170	29.704	36.595
8/2/12 7:00	38.255	38.146	33.264	8/2/12 7:00	37.844	21.598	34.382	36.022	27.158	29.693	36.572
8/2/12 7:20	38.237	38.127	33.255	8/2/12 7:20	37.841	21.600	34.373	36.022	27.154	29.686	36.555
8/2/12 7:40	38.232	38.123	33.255	8/2/12 7:40	37.858	21.617	34.375	36.036	27.165	29.693	36.548
8/2/12 8:00	38.230	38.120	33.264	8/2/12 8:00	37.883	21.640	34.387	36.059	27.184	29.709	36.548
8/2/12 8:20	38.225	38.113	33.262	8/2/12 8:20	37.883	21.638	34.382	36.057	27.184	29.709	36.539
8/2/12 8:40	38.225	38.113	33.260	8/2/12 8:40	37.883	21.640	34.380	36.057	27.182	29.707	36.532
8/2/12 9:00	38.223	38.113	33.260	8/2/12 9:00	37.888	21.647	34.382	36.059	27.186	29.709	36.534
8/2/12 9:20	38.223	38.111	33.257	8/2/12 9:20	37.886	21.638	34.378	36.054	27.184	29.707	36.530
8/2/12 9:40	38.272	38.158	33.269	8/2/12 9:40	37.911	21.666	34.394	36.078	27.207	29.721	36.537
8/2/12 10:00	38.288	38.172	33.276	8/2/12 10:00	37.907	21.661	34.399	36.073	27.207	29.726	36.541
8/2/12 10:20	38.283	38.170	33.276	8/2/12 10:20	37.902	21.656	34.399	36.068	27.205	29.723	36.548
8/2/12 10:40	38.269	38.158	33.281	8/2/12 10:40	37.902	21.661	34.399	36.068	27.205	29.726	36.553
8/2/12 11:00	38.265	38.151	33.283	8/2/12 11:00	37.904	21.661	34.401	36.071	27.207	29.728	36.558
8/2/12 11:20	38.265	38.151	33.283	8/2/12 11:20	37.904	21.659	34.401	36.071	27.210	29.730	36.558
8/2/12 11:40	38.274	38.163	33.281	8/2/12 11:40	37.902	21.650	34.401	36.068	27.207	29.728	36.558
8/2/12 12:00	38.283	38.170	33.288	8/2/12 12:00	37.909	21.661	34.408	36.073	27.217	29.735	36.560
8/2/12 12:20	38.377	38.275	33.405	8/2/12 12:20	37.900	21.657	34.469	36.068	27.235	29.756	36.565

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/2/12 12:40	38.391	38.279	33.330	8/2/12 12:40	37.895	21.650	34.440	36.061	27.228	29.751	36.590
8/2/12 13:00	38.442	38.368	33.316	8/2/12 13:00	37.883	21.642	34.436	36.059	27.219	29.744	36.600
8/2/12 13:20	38.437	38.375	33.313	8/2/12 13:20	37.879	21.638	34.431	36.054	27.214	29.742	36.607
8/2/12 13:40	38.565	38.569	33.311	8/2/12 13:40	37.874	21.631	34.433	36.054	27.212	29.740	36.611
8/2/12 14:00	38.377	38.270	33.313	8/2/12 14:00	37.872	21.631	34.434	36.050	27.210	29.740	36.616
8/2/12 14:20	38.477	38.429	33.309	8/2/12 14:20	37.869	21.631	34.429	36.047	27.207	29.737	36.614
8/2/12 14:40	38.456	38.459	33.302	8/2/12 14:40	37.865	21.624	34.427	36.045	27.205	29.735	36.607
8/2/12 15:00	38.563	38.579	33.304	8/2/12 15:00	37.867	21.628	34.429	36.050	27.205	29.735	36.607
8/2/12 15:20	38.426	38.342	33.297	8/2/12 15:20	37.860	21.624	34.417	36.038	27.200	29.730	36.602
8/2/12 15:40	38.638	38.723	33.295	8/2/12 15:40	37.853	21.619	34.415	36.036	27.193	29.723	36.595
8/2/12 16:00	38.619	38.646	33.295	8/2/12 16:00	37.846	21.615	34.419	36.038	27.193	29.723	36.597
8/2/12 16:20	38.656	38.700	33.299	8/2/12 16:20	37.846	21.612	34.424	36.038	27.196	29.726	36.604
8/2/12 16:40	38.472	38.371	33.304	8/2/12 16:40	37.841	21.610	34.426	36.033	27.198	29.728	36.611
8/2/12 17:00	38.677	38.695	33.306	8/2/12 17:00	37.846	21.610	34.433	36.038	27.200	29.733	36.618
8/2/12 17:20	38.752	38.812	33.309	8/2/12 17:20	37.841	21.603	34.436	36.036	27.200	29.730	36.621
8/2/12 17:40	38.810	38.899	33.316	8/2/12 17:40	37.841	21.608	34.445	36.040	27.200	29.735	36.630
8/2/12 18:00	38.745	38.822	33.323	8/2/12 18:00	37.844	21.612	34.450	36.045	27.207	29.742	36.642
8/2/12 18:20	38.526	38.513	33.323	8/2/12 18:20	37.844	21.610	34.447	36.040	27.205	29.744	36.647
8/2/12 18:40	38.391	38.284	33.318	8/2/12 18:40	37.844	21.608	34.438	36.033	27.203	29.740	36.639
8/2/12 19:00	38.360	38.258	33.304	8/2/12 19:00	37.834	21.598	34.427	36.024	27.191	29.728	36.623
8/2/12 19:20	38.323	38.216	33.295	8/2/12 19:20	37.837	21.603	34.415	36.022	27.189	29.723	36.604
8/2/12 19:40	38.286	38.177	33.288	8/2/12 19:40	37.837	21.603	34.408	36.022	27.186	29.718	36.590
8/2/12 20:00	38.262	38.151	33.274	8/2/12 20:00	37.830	21.596	34.392	36.012	27.177	29.707	36.569
8/2/12 20:20	38.244	38.130	33.264	8/2/12 20:20	37.827	21.591	34.385	36.010	27.170	29.700	36.555
8/2/12 20:40	38.234	38.123	33.260	8/2/12 20:40	37.832	21.594	34.380	36.012	27.170	29.697	36.544
8/2/12 21:00	38.234	38.120	33.260	8/2/12 21:00	37.846	21.610	34.380	36.024	27.177	29.704	36.539
8/2/12 21:20	38.225	38.113	33.257	8/2/12 21:20	37.846	21.610	34.378	36.024	27.177	29.702	36.532
8/2/12 21:40	38.225	38.113	33.257	8/2/12 21:40	37.851	21.612	34.378	36.029	27.179	29.704	36.530
8/2/12 22:00	38.223	38.109	33.255	8/2/12 22:00	37.855	21.621	34.375	36.029	27.179	29.702	36.527
8/2/12 22:20	38.223	38.109	33.252	8/2/12 22:20	37.858	21.619	34.373	36.029	27.179	29.700	36.525
8/2/12 22:40	38.220	38.106	33.250	8/2/12 22:40	37.853	21.612	34.371	36.029	27.175	29.697	36.520
8/2/12 23:00	38.223	38.109	33.245	8/2/12 23:00	37.851	21.610	34.366	36.024	27.172	29.695	36.520
8/2/12 23:20	38.223	38.109	33.245	8/2/12 23:20	37.851	21.607	34.364	36.022	27.170	29.693	36.518
8/2/12 23:40	38.223	38.109	33.243	8/2/12 23:40	37.848	21.603	34.364	36.022	27.170	29.690	36.518

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/3/12 0:00	38.225	38.111	33.245	8/3/12 0:00	37.853	21.610	34.364	36.024	27.172	29.693	36.518
8/3/12 0:20	38.223	38.109	33.245	8/3/12 0:20	37.853	21.610	34.364	36.024	27.172	29.693	36.518
8/3/12 0:40	38.218	38.104	33.243	8/3/12 0:40	37.851	21.605	34.359	36.019	27.165	29.690	36.516
8/3/12 1:00	38.216	38.102	33.243	8/3/12 1:00	37.855	21.610	34.361	36.024	27.170	29.690	36.516
8/3/12 1:20	38.206	38.092	33.236	8/3/12 1:20	37.844	21.600	34.354	36.015	27.161	29.683	36.511
8/3/12 1:40	38.216	38.104	33.288	8/3/12 1:40	37.832	21.591	34.385	36.003	27.165	29.693	36.516
8/3/12 2:00	38.206	38.095	33.252	8/3/12 2:00	37.839	21.596	34.366	36.008	27.161	29.688	36.518
8/3/12 2:20	38.195	38.083	33.234	8/3/12 2:20	37.825	21.580	34.347	35.996	27.147	29.672	36.509
8/3/12 2:40	38.185	38.074	33.224	8/3/12 2:40	37.823	21.573	34.340	35.994	27.142	29.665	36.499
8/3/12 3:00	38.183	38.071	33.217	8/3/12 3:00	37.825	21.584	34.338	35.996	27.139	29.662	36.492
8/3/12 3:20	38.176	38.064	33.215	8/3/12 3:20	37.830	21.584	34.333	35.998	27.139	29.662	36.490
8/3/12 3:40	38.171	38.060	33.210	8/3/12 3:40	37.832	21.584	34.331	36.001	27.139	29.662	36.485
8/3/12 4:00	38.169	38.055	33.206	8/3/12 4:00	37.832	21.584	34.329	36.001	27.137	29.658	36.478
8/3/12 4:20	38.160	38.048	33.199	8/3/12 4:20	37.827	21.580	34.319	35.996	27.130	29.651	36.471
8/3/12 4:40	38.160	38.046	33.199	8/3/12 4:40	37.830	21.589	34.319	35.998	27.130	29.651	36.469
8/3/12 5:00	38.232	38.153	33.229	8/3/12 5:00	37.902	21.652	34.359	36.068	27.186	29.697	36.487
8/3/12 5:20	38.206	38.090	33.231	8/3/12 5:20	37.890	21.638	34.354	36.057	27.179	29.695	36.487
8/3/12 5:40	38.183	38.067	33.229	8/3/12 5:40	37.883	21.631	34.350	36.045	27.172	29.690	36.487
8/3/12 6:00	38.181	38.067	33.224	8/3/12 6:00	37.876	21.619	34.347	36.040	27.165	29.683	36.485
8/3/12 6:20	38.178	38.062	33.224	8/3/12 6:20	37.879	21.624	34.345	36.043	27.168	29.683	36.485
8/3/12 6:40	38.181	38.064	33.222	8/3/12 6:40	37.872	21.619	34.340	36.033	27.161	29.679	36.480
8/3/12 7:00	38.176	38.060	33.217	8/3/12 7:00	37.865	21.612	34.333	36.029	27.156	29.674	36.480
8/3/12 7:20	38.167	38.057	33.208	8/3/12 7:20	37.846	21.598	34.324	36.010	27.140	29.660	36.473
8/3/12 7:40	38.171	38.046	33.206	8/3/12 7:40	37.848	21.587	34.322	36.012	27.137	29.655	36.471
8/3/12 8:00	38.181	38.055	33.224	8/3/12 8:00	37.886	21.626	34.345	36.050	27.170	29.683	36.485
8/3/12 8:20	38.174	38.069	33.222	8/3/12 8:20	37.874	21.612	34.338	36.036	27.161	29.676	36.483
8/3/12 8:40	38.171	38.062	33.213	8/3/12 8:40	37.855	21.600	34.329	36.017	27.144	29.662	36.476
8/3/12 9:00	38.185	38.067	33.217	8/3/12 9:00	37.865	21.605	34.336	36.026	27.154	29.669	36.480
8/3/12 9:20	38.230	38.130	33.215	8/3/12 9:20	37.855	21.600	34.333	36.022	27.149	29.667	36.483
8/3/12 9:40	38.223	38.106	33.227	8/3/12 9:40	37.869	21.614	34.345	36.033	27.161	29.676	36.494
8/3/12 10:00	38.209	38.097	33.227	8/3/12 10:00	37.862	21.612	34.343	36.026	27.156	29.672	36.497
8/3/12 10:20	38.216	38.113	33.229	8/3/12 10:20	37.862	21.614	34.343	36.029	27.158	29.674	36.502
8/3/12 10:40	38.220	38.109	33.236	8/3/12 10:40	37.874	21.624	34.354	36.040	27.168	29.686	36.506
8/3/12 11:00	38.332	38.282	33.241	8/3/12 11:00	37.872	21.621	34.361	36.043	27.170	29.686	36.513

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/3/12 11:20	38.454	38.401	33.248	8/3/12 11:20	37.867	21.612	34.366	36.040	27.168	29.688	36.527
8/3/12 11:40	38.311	38.216	33.255	8/3/12 11:40	37.872	21.619	34.378	36.045	27.175	29.695	36.541
8/3/12 12:00	38.253	38.144	33.257	8/3/12 12:00	37.874	21.619	34.380	36.043	27.175	29.697	36.548
8/3/12 12:20	38.230	38.118	33.252	8/3/12 12:20	37.867	21.614	34.366	36.033	27.170	29.693	36.544
8/3/12 12:40	38.213	38.102	33.243	8/3/12 12:40	37.853	21.598	34.354	36.019	27.156	29.681	36.532
8/3/12 13:00	38.206	38.092	33.236	8/3/12 13:00	37.848	21.600	34.350	36.017	27.151	29.674	36.523
8/3/12 13:20	38.209	38.104	33.231	8/3/12 13:20	37.841	21.591	34.343	36.010	27.144	29.669	36.518
8/3/12 13:40	38.190	38.081	33.224	8/3/12 13:40	37.837	21.587	34.340	36.005	27.139	29.665	36.511
8/3/12 14:00	38.181	38.071	33.217	8/3/12 14:00	37.827	21.577	34.331	35.996	27.132	29.655	36.504
8/3/12 14:20	38.178	38.071	33.208	8/3/12 14:20	37.820	21.570	34.317	35.989	27.123	29.648	36.497
8/3/12 14:40	38.195	38.088	33.206	8/3/12 14:40	37.816	21.566	34.319	35.987	27.119	29.644	36.490
8/3/12 15:00	38.192	38.104	33.199	8/3/12 15:00	37.811	21.566	34.312	35.982	27.114	29.637	36.485
8/3/12 15:20	38.174	38.064	33.194	8/3/12 15:20	37.807	21.559	34.308	35.977	27.107	29.634	36.480
8/3/12 15:40	38.157	38.046	33.187	8/3/12 15:40	37.802	21.559	34.298	35.972	27.102	29.625	36.473
8/3/12 16:00	38.157	38.046	33.180	8/3/12 16:00	37.797	21.554	34.294	35.968	27.095	29.620	36.466
8/3/12 16:20	38.157	38.046	33.170	8/3/12 16:20	37.790	21.549	34.287	35.963	27.088	29.613	36.457
8/3/12 16:40	38.162	38.050	33.166	8/3/12 16:40	37.786	21.549	34.282	35.958	27.081	29.609	36.452
8/3/12 17:00	38.157	38.041	33.163	8/3/12 17:00	37.783	21.545	34.277	35.956	27.079	29.602	36.448
8/3/12 17:20	38.150	38.036	33.156	8/3/12 17:20	37.781	21.531	34.273	35.951	27.072	29.597	36.443
8/3/12 17:40	38.155	38.039	33.152	8/3/12 17:40	37.779	21.538	34.268	35.949	27.069	29.592	36.436
8/3/12 18:00	38.148	38.032	33.149	8/3/12 18:00	37.772	21.533	34.266	35.947	27.062	29.588	36.434
8/3/12 18:20	38.148	38.032	33.145	8/3/12 18:20	37.769	21.526	34.256	35.942	27.058	29.583	36.429
8/3/12 18:40	38.155	38.041	33.138	8/3/12 18:40	37.767	21.526	34.247	35.942	27.055	29.578	36.424
8/3/12 19:00	38.185	38.067	33.142	8/3/12 19:00	37.769	21.540	34.256	35.942	27.055	29.578	36.424
8/3/12 19:20	38.195	38.076	33.142	8/3/12 19:20	37.774	21.538	34.261	35.947	27.060	29.583	36.429
8/3/12 19:40	38.190	38.071	33.147	8/3/12 19:40	37.779	21.538	34.261	35.949	27.060	29.583	36.434
8/3/12 20:00	38.199	38.085	33.241	8/3/12 20:00	37.781	21.535	34.315	35.951	27.081	29.606	36.441
8/3/12 20:20	38.185	38.071	33.180	8/3/12 20:20	37.783	21.540	34.287	35.956	27.072	29.599	36.452
8/3/12 20:40	38.176	38.060	33.166	8/3/12 20:40	37.786	21.538	34.280	35.956	27.069	29.597	36.450
8/3/12 21:00	38.167	38.053	33.156	8/3/12 21:00	37.783	21.535	34.273	35.954	27.065	29.590	36.445
8/3/12 21:20	38.162	38.046	33.154	8/3/12 21:20	37.786	21.535	34.268	35.956	27.062	29.588	36.443
8/3/12 21:40	38.150	38.039	33.149	8/3/12 21:40	37.788	21.538	34.266	35.956	27.060	29.585	36.441
8/3/12 22:00	38.171	38.071	33.147	8/3/12 22:00	37.788	21.538	34.263	35.958	27.058	29.581	36.436
8/3/12 22:20	38.146	38.034	33.147	8/3/12 22:20	37.793	21.533	34.266	35.963	27.060	29.583	36.436

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/3/12 22:40	38.146	38.036	33.156	8/3/12 22:40	37.814	21.561	34.273	35.982	27.074	29.595	36.441
8/3/12 23:00	38.136	38.027	33.159	8/3/12 23:00	37.818	21.563	34.273	35.984	27.079	29.599	36.441
8/3/12 23:20	38.127	38.018	33.149	8/3/12 23:20	37.809	21.552	34.266	35.975	27.067	29.590	36.434
8/3/12 23:40	38.127	38.015	33.152	8/3/12 23:40	37.816	21.554	34.268	35.982	27.072	29.592	36.434
8/4/12 0:00	38.127	38.015	33.154	8/4/12 0:00	37.827	21.563	34.273	35.989	27.079	29.597	36.436
8/4/12 0:20	38.134	38.022	33.163	8/4/12 0:20	37.846	21.584	34.282	36.010	27.093	29.606	36.438
8/4/12 0:40	38.148	38.041	33.182	8/4/12 0:40	37.881	21.619	34.301	36.040	27.121	29.634	36.450
8/4/12 1:00	38.141	38.029	33.180	8/4/12 1:00	37.872	21.598	34.296	36.029	27.111	29.630	36.450
8/4/12 1:20	38.134	38.025	33.177	8/4/12 1:20	37.862	21.591	34.294	36.022	27.107	29.625	36.448
8/4/12 1:40	38.136	38.025	33.175	8/4/12 1:40	37.865	21.596	34.291	36.022	27.104	29.623	36.448
8/4/12 2:00	38.127	38.018	33.168	8/4/12 2:00	37.853	21.584	34.284	36.012	27.097	29.616	36.445
8/4/12 2:20	38.125	38.013	33.161	8/4/12 2:20	37.839	21.570	34.275	35.998	27.086	29.606	36.441
8/4/12 2:40	38.115	38.004	33.154	8/4/12 2:40	37.830	21.556	34.268	35.989	27.074	29.597	36.436
8/4/12 3:00	38.113	38.001	33.149	8/4/12 3:00	37.827	21.554	34.263	35.987	27.069	29.592	36.429
8/4/12 3:20	38.101	37.992	33.142	8/4/12 3:20	37.816	21.542	34.256	35.977	27.060	29.583	36.424
8/4/12 3:40	38.113	38.001	33.152	8/4/12 3:40	37.841	21.570	34.268	36.003	27.079	29.597	36.427
8/4/12 4:00	38.104	37.994	33.149	8/4/12 4:00	37.839	21.566	34.266	35.998	27.076	29.597	36.424
8/4/12 4:20	38.104	37.994	33.147	8/4/12 4:20	37.839	21.563	34.263	35.998	27.076	29.595	36.422
8/4/12 4:40	38.106	37.994	33.149	8/4/12 4:40	37.846	21.573	34.266	36.005	27.079	29.597	36.420
8/4/12 5:00	38.104	37.994	33.152	8/4/12 5:00	37.851	21.575	34.266	36.008	27.083	29.599	36.420
8/4/12 5:20	38.111	38.001	33.159	8/4/12 5:20	37.869	21.596	34.277	36.024	27.097	29.611	36.424
8/4/12 5:40	38.118	38.008	33.170	8/4/12 5:40	37.893	21.619	34.289	36.045	27.114	29.625	36.431
8/4/12 6:00	38.162	38.041	33.177	8/4/12 6:00	37.902	21.621	34.296	36.054	27.123	29.634	36.434
8/4/12 6:20	38.619	38.733	33.196	8/4/12 6:20	37.918	21.640	34.324	36.087	27.144	29.648	36.434
8/4/12 6:40	38.759	38.913	33.231	8/4/12 6:40	37.944	21.666	34.364	36.117	27.172	29.681	36.485
8/4/12 7:00	38.864	39.041	33.264	8/4/12 7:00	37.953	21.673	34.399	36.134	27.196	29.707	36.534
8/4/12 7:20	38.915	39.102	33.299	8/4/12 7:20	37.965	21.684	34.431	36.150	27.217	29.735	36.586
8/4/12 7:40	38.500	38.410	33.325	8/4/12 7:40	37.972	21.691	34.450	36.145	27.231	29.754	36.628
8/4/12 8:00	38.435	38.352	33.330	8/4/12 8:00	37.974	21.691	34.450	36.141	27.235	29.761	36.639
8/4/12 8:20	38.850	38.992	33.344	8/4/12 8:20	37.993	21.698	34.468	36.166	27.252	29.772	36.642
8/4/12 8:40	38.901	39.060	33.372	8/4/12 8:40	38.018	21.733	34.506	36.201	27.284	29.800	36.665
8/4/12 9:00	38.981	39.135	33.400	8/4/12 9:00	38.030	21.743	34.531	36.215	27.305	29.828	36.698
8/4/12 9:20	39.069	39.252	33.428	8/4/12 9:20	38.037	21.750	34.559	36.227	27.322	29.847	36.735
8/4/12 9:40	39.078	39.235	33.445	8/4/12 9:40	38.039	21.764	34.578	36.227	27.333	29.861	36.766

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/4/12 10:00	39.078	39.238	33.461	8/4/12 10:00	38.028	21.743	34.592	36.220	27.338	29.873	36.787
8/4/12 10:20	39.102	39.270	33.480	8/4/12 10:20	38.032	21.752	34.608	36.227	27.352	29.884	36.813
8/4/12 10:40	39.158	39.343	33.492	8/4/12 10:40	38.023	21.736	34.615	36.220	27.354	29.891	36.836
8/4/12 11:00	39.162	39.338	33.506	8/4/12 11:00	38.023	21.740	34.634	36.222	27.366	29.901	36.850
8/4/12 11:20	39.167	39.324	33.513	8/4/12 11:20	38.016	21.736	34.643	36.218	27.368	29.910	36.871
8/4/12 11:40	39.104	39.242	33.527	8/4/12 11:40	38.016	21.738	34.653	36.220	27.378	29.920	36.883
8/4/12 12:00	39.092	39.235	33.534	8/4/12 12:00	38.011	21.736	34.662	36.215	27.380	29.927	36.892
8/4/12 12:20	39.169	39.340	33.543	8/4/12 12:20	38.018	21.745	34.674	36.225	27.392	29.936	36.906
8/4/12 12:40	39.137	39.289	33.710	8/4/12 12:40	38.014	21.747	34.694	36.222	27.399	29.943	36.913
8/4/12 13:00	39.139	39.275	33.614	8/4/12 13:00	38.018	21.757	34.725	36.227	27.425	29.973	36.937
8/4/12 13:20	39.092	39.193	33.590	8/4/12 13:20	38.016	21.754	34.711	36.220	27.422	29.971	36.939
8/4/12 13:40	38.948	39.046	33.576	8/4/12 13:40	38.004	21.743	34.699	36.206	27.415	29.966	36.930
8/4/12 14:00	39.025	39.135	33.579	8/4/12 14:00	38.016	21.764	34.704	36.222	27.429	29.973	36.922
8/4/12 14:20	39.062	39.184	33.583	8/4/12 14:20	38.028	21.773	34.713	36.232	27.439	29.983	36.920
8/4/12 14:40	38.992	39.055	33.586	8/4/12 14:40	38.028	21.778	34.715	36.232	27.443	29.987	36.920
8/4/12 15:00	39.053	39.163	33.586	8/4/12 15:00	38.023	21.773	34.711	36.227	27.446	29.990	36.915
8/4/12 15:20	39.095	39.226	33.590	8/4/12 15:20	38.025	21.780	34.720	36.234	27.453	29.997	36.915
8/4/12 15:40	39.144	39.277	33.588	8/4/12 15:40	38.011	21.764	34.715	36.220	27.446	29.990	36.915
8/4/12 16:00	39.064	39.168	33.595	8/4/12 16:00	38.007	21.768	34.722	36.220	27.453	29.999	36.925
8/4/12 16:20	39.085	39.207	33.595	8/4/12 16:20	38.007	21.764	34.725	36.218	27.453	29.997	36.927
8/4/12 16:40	39.044	39.118	33.595	8/4/12 16:40	38.002	21.764	34.725	36.215	27.455	29.999	36.925
8/4/12 17:00	39.039	39.135	33.586	8/4/12 17:00	37.974	21.747	34.713	36.187	27.439	29.985	36.922
8/4/12 17:20	39.176	39.350	33.590	8/4/12 17:20	37.981	21.757	34.720	36.201	27.446	29.992	36.918
8/4/12 17:40	39.144	39.282	33.600	8/4/12 17:40	38.000	21.775	34.734	36.218	27.462	30.006	36.922
8/4/12 18:00	39.041	39.118	33.611	8/4/12 18:00	38.007	21.789	34.746	36.227	27.476	30.020	36.939
8/4/12 18:20	38.913	38.971	33.607	8/4/12 18:20	37.997	21.780	34.734	36.208	27.471	30.015	36.932
8/4/12 18:40	38.976	39.067	33.600	8/4/12 18:40	37.997	21.782	34.727	36.208	27.469	30.013	36.915
8/4/12 19:00	38.876	38.894	33.602	8/4/12 19:00	38.009	21.799	34.732	36.218	27.481	30.020	36.913
8/4/12 19:20	38.710	38.684	33.597	8/4/12 19:20	38.000	21.792	34.725	36.206	27.476	30.018	36.901
8/4/12 19:40	38.621	38.522	33.595	8/4/12 19:40	38.009	21.799	34.720	36.208	27.483	30.020	36.890
8/4/12 20:00	38.542	38.434	33.583	8/4/12 20:00	38.009	21.803	34.704	36.201	27.481	30.015	36.871
8/4/12 20:20	38.505	38.394	33.569	8/4/12 20:20	38.007	21.808	34.690	36.197	27.476	30.011	36.848
8/4/12 20:40	38.470	38.364	33.557	8/4/12 20:40	38.002	21.799	34.680	36.187	27.469	30.001	36.824
8/4/12 21:00	38.449	38.342	33.546	8/4/12 21:00	37.995	21.796	34.664	36.180	27.462	29.992	36.803

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/4/12 21:20	38.435	38.326	33.534	8/4/12 21:20	37.995	21.801	34.657	36.178	27.460	29.987	36.789
8/4/12 21:40	38.423	38.317	33.527	8/4/12 21:40	37.995	21.806	34.648	36.176	27.460	29.983	36.775
8/4/12 22:00	38.416	38.307	33.522	8/4/12 22:00	37.997	21.806	34.643	36.178	27.460	29.980	36.766
8/4/12 22:20	38.409	38.300	33.520	8/4/12 22:20	38.000	21.817	34.643	36.178	27.462	29.980	36.759
8/4/12 22:40	38.405	38.296	33.520	8/4/12 22:40	38.002	21.815	34.641	36.178	27.462	29.980	36.754
8/4/12 23:00	38.402	38.293	33.518	8/4/12 23:00	38.004	21.822	34.641	36.180	27.467	29.983	36.747
8/4/12 23:20	38.398	38.289	33.518	8/4/12 23:20	38.007	21.827	34.638	36.180	27.467	29.983	36.745
8/4/12 23:40	38.395	38.286	33.513	8/4/12 23:40	38.002	21.824	34.636	36.176	27.464	29.980	36.742
8/5/12 0:00	38.393	38.282	33.515	8/5/12 0:00	38.000	21.831	34.634	36.173	27.464	29.980	36.740
8/5/12 0:20	38.393	38.284	33.513	8/5/12 0:20	38.002	21.834	34.631	36.173	27.464	29.978	36.738
8/5/12 0:40	38.393	38.279	33.513	8/5/12 0:40	38.002	21.834	34.631	36.173	27.467	29.980	36.738
8/5/12 1:00	38.393	38.284	33.515	8/5/12 1:00	38.007	21.838	34.636	36.176	27.471	29.983	36.738
8/5/12 1:20	38.395	38.286	33.520	8/5/12 1:20	38.014	21.848	34.638	36.185	27.478	29.990	36.742
8/5/12 1:40	38.395	38.284	33.520	8/5/12 1:40	38.016	21.852	34.641	36.185	27.481	29.994	36.742
8/5/12 2:00	38.395	38.284	33.522	8/5/12 2:00	38.018	21.852	34.641	36.183	27.483	29.994	36.742
8/5/12 2:20	38.395	38.284	33.522	8/5/12 2:20	38.018	21.852	34.645	36.185	27.485	29.994	36.742
8/5/12 2:40	38.398	38.286	33.525	8/5/12 2:40	38.025	21.864	34.648	36.190	27.490	29.999	36.742
8/5/12 3:00	38.398	38.289	33.527	8/5/12 3:00	38.023	21.862	34.645	36.187	27.492	30.001	36.745
8/5/12 3:20	38.395	38.282	33.525	8/5/12 3:20	38.016	21.864	34.643	36.183	27.488	29.999	36.742
8/5/12 3:40	38.400	38.289	33.532	8/5/12 3:40	38.030	21.880	34.653	36.194	27.499	30.008	36.747
8/5/12 4:00	38.400	38.289	33.534	8/5/12 4:00	38.032	21.880	34.655	36.194	27.502	30.011	36.747
8/5/12 4:20	38.400	38.289	33.536	8/5/12 4:20	38.037	21.885	34.659	36.197	27.509	30.015	36.752
8/5/12 4:40	38.405	38.293	33.541	8/5/12 4:40	38.039	21.894	34.662	36.201	27.513	30.020	36.752
8/5/12 5:00	38.405	38.293	33.543	8/5/12 5:00	38.044	21.901	34.666	36.206	27.518	30.025	36.754
8/5/12 5:20	38.402	38.293	33.543	8/5/12 5:20	38.039	21.894	34.664	36.201	27.518	30.022	36.754
8/5/12 5:40	38.402	38.293	33.546	8/5/12 5:40	38.042	21.901	34.666	36.199	27.520	30.027	36.754
8/5/12 6:00	38.407	38.293	33.548	8/5/12 6:00	38.044	21.901	34.669	36.204	27.525	30.029	36.759
8/5/12 6:20	38.409	38.300	33.553	8/5/12 6:20	38.051	21.917	34.676	36.208	27.532	30.034	36.759
8/5/12 6:40	38.407	38.298	33.555	8/5/12 6:40	38.046	21.915	34.673	36.206	27.532	30.036	36.761
8/5/12 7:00	38.412	38.300	33.557	8/5/12 7:00	38.051	21.924	34.680	36.208	27.539	30.043	36.763
8/5/12 7:20	38.412	38.300	33.560	8/5/12 7:20	38.051	21.917	34.680	36.206	27.539	30.043	36.766
8/5/12 7:40	38.412	38.300	33.560	8/5/12 7:40	38.046	21.924	34.680	36.201	27.537	30.041	36.766
8/5/12 8:00	38.416	38.305	33.562	8/5/12 8:00	38.044	21.917	34.680	36.204	27.539	30.043	36.770
8/5/12 8:20	38.419	38.310	33.564	8/5/12 8:20	38.042	21.922	34.680	36.199	27.539	30.043	36.770

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/5/12 8:40	38.423	38.314	33.564	8/5/12 8:40	38.044	21.922	34.685	36.199	27.544	30.048	36.775
8/5/12 9:00	38.426	38.314	33.567	8/5/12 9:00	38.037	21.922	34.685	36.194	27.541	30.046	36.777
8/5/12 9:20	38.423	38.314	33.564	8/5/12 9:20	38.028	21.915	34.683	36.185	27.539	30.043	36.777
8/5/12 9:40	38.419	38.307	33.562	8/5/12 9:40	38.018	21.913	34.678	36.176	27.530	30.039	36.775
8/5/12 10:00	38.419	38.310	33.560	8/5/12 10:00	38.014	21.906	34.673	36.171	27.527	30.036	36.777
8/5/12 10:20	38.440	38.331	33.625	8/5/12 10:20	38.009	21.908	34.718	36.166	27.544	30.055	36.789
8/5/12 10:40	38.433	38.324	33.588	8/5/12 10:40	38.004	21.908	34.697	36.164	27.537	30.046	36.794
8/5/12 11:00	38.428	38.319	33.574	8/5/12 11:00	37.995	21.901	34.685	36.155	27.527	30.036	36.792
8/5/12 11:20	38.423	38.314	33.567	8/5/12 11:20	37.988	21.896	34.678	36.148	27.523	30.032	36.789
8/5/12 11:40	38.421	38.310	33.560	8/5/12 11:40	37.981	21.899	34.671	36.141	27.518	30.027	36.785
8/5/12 12:00	38.416	38.305	33.553	8/5/12 12:00	37.972	21.889	34.669	36.134	27.511	30.020	36.782
8/5/12 12:20	38.416	38.305	33.546	8/5/12 12:20	37.963	21.889	34.659	36.124	27.504	30.015	36.777
8/5/12 12:40	38.409	38.300	33.541	8/5/12 12:40	37.953	21.878	34.655	36.117	27.495	30.006	36.773
8/5/12 13:00	38.407	38.298	33.534	8/5/12 13:00	37.942	21.875	34.648	36.106	27.488	29.997	36.768
8/5/12 13:20	38.405	38.296	33.527	8/5/12 13:20	37.930	21.864	34.641	36.096	27.478	29.990	36.763
8/5/12 13:40	38.407	38.298	33.520	8/5/12 13:40	37.921	21.859	34.634	36.087	27.469	29.983	36.759
8/5/12 14:00	38.414	38.298	33.515	8/5/12 14:00	37.914	21.855	34.629	36.080	27.464	29.978	36.756
8/5/12 14:20	38.449	38.331	33.513	8/5/12 14:20	37.904	21.848	34.627	36.073	27.462	29.973	36.752
8/5/12 14:40	38.472	38.357	33.513	8/5/12 14:40	37.897	21.845	34.627	36.068	27.460	29.973	36.754
8/5/12 15:00	38.458	38.345	33.510	8/5/12 15:00	37.890	21.841	34.627	36.064	27.453	29.969	36.759
8/5/12 15:20	38.440	38.326	33.506	8/5/12 15:20	37.886	21.841	34.620	36.057	27.448	29.964	36.759
8/5/12 15:40	38.440	38.331	33.503	8/5/12 15:40	37.879	21.834	34.615	36.052	27.441	29.957	36.756
8/5/12 16:00	38.412	38.300	33.494	8/5/12 16:00	37.872	21.829	34.608	36.045	27.432	29.950	36.752
8/5/12 16:20	38.388	38.279	33.487	8/5/12 16:20	37.865	21.824	34.599	36.038	27.422	29.941	36.740
8/5/12 16:40	38.379	38.270	33.478	8/5/12 16:40	37.853	21.817	34.590	36.029	27.411	29.929	36.731
8/5/12 17:00	38.386	38.282	33.468	8/5/12 17:00	37.851	21.815	34.583	36.026	27.406	29.922	36.721
8/5/12 17:20	38.358	38.249	33.461	8/5/12 17:20	37.846	21.820	34.573	36.022	27.397	29.915	36.712
8/5/12 17:40	38.342	38.230	33.457	8/5/12 17:40	37.846	21.815	34.569	36.022	27.394	29.910	36.703
8/5/12 18:00	38.325	38.216	33.445	8/5/12 18:00	37.841	21.813	34.559	36.017	27.387	29.903	36.693
8/5/12 18:20	38.314	38.205	33.438	8/5/12 18:20	37.837	21.813	34.550	36.012	27.380	29.896	36.682
8/5/12 18:40	38.309	38.198	33.431	8/5/12 18:40	37.834	21.808	34.545	36.010	27.373	29.891	36.672
8/5/12 19:00	38.302	38.198	33.424	8/5/12 19:00	37.834	21.803	34.536	36.010	27.368	29.884	36.663
8/5/12 19:20	38.290	38.181	33.419	8/5/12 19:20	37.837	21.810	34.534	36.010	27.366	29.880	36.656
8/5/12 19:40	38.286	38.174	33.414	8/5/12 19:40	37.837	21.815	34.529	36.012	27.364	29.877	36.649

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/5/12 20:00	38.283	38.174	33.412	8/5/12 20:00	37.839	21.810	34.527	36.015	27.364	29.877	36.647
8/5/12 20:20	38.283	38.172	33.410	8/5/12 20:20	37.844	21.815	34.527	36.017	27.364	29.875	36.642
8/5/12 20:40	38.281	38.170	33.407	8/5/12 20:40	37.846	21.820	34.524	36.019	27.361	29.873	36.639
8/5/12 21:00	38.281	38.170	33.407	8/5/12 21:00	37.853	21.824	34.524	36.024	27.364	29.875	36.637
8/5/12 21:20	38.283	38.172	33.407	8/5/12 21:20	37.860	21.824	34.524	36.031	27.366	29.877	36.637
8/5/12 21:40	38.288	38.177	33.410	8/5/12 21:40	37.867	21.834	34.527	36.036	27.368	29.880	36.637
8/5/12 22:00	38.293	38.181	33.414	8/5/12 22:00	37.876	21.836	34.531	36.045	27.376	29.884	36.642
8/5/12 22:20	38.295	38.184	33.419	8/5/12 22:20	37.886	21.850	34.536	36.052	27.380	29.889	36.644
8/5/12 22:40	38.297	38.188	33.424	8/5/12 22:40	37.890	21.852	34.541	36.057	27.385	29.894	36.647
8/5/12 23:00	38.300	38.188	33.426	8/5/12 23:00	37.897	21.859	34.543	36.061	27.390	29.896	36.649
8/5/12 23:20	38.297	38.186	33.426	8/5/12 23:20	37.897	21.855	34.543	36.061	27.387	29.898	36.651
8/5/12 23:40	38.302	38.191	33.428	8/5/12 23:40	37.904	21.857	34.545	36.066	27.390	29.898	36.656
8/6/12 0:00	38.302	38.191	33.433	8/6/12 0:00	37.911	21.869	34.548	36.073	27.397	29.903	36.661
8/6/12 0:20	38.304	38.193	33.433	8/6/12 0:20	37.911	21.866	34.548	36.073	27.394	29.903	36.661
8/6/12 0:40	38.302	38.193	33.433	8/6/12 0:40	37.911	21.864	34.548	36.073	27.394	29.906	36.661
8/6/12 1:00	38.304	38.191	33.431	8/6/12 1:00	37.907	21.864	34.545	36.066	27.390	29.901	36.663
8/6/12 1:20	38.300	38.188	33.428	8/6/12 1:20	37.900	21.855	34.543	36.064	27.383	29.894	36.661
8/6/12 1:40	38.297	38.186	33.424	8/6/12 1:40	37.895	21.848	34.536	36.057	27.378	29.889	36.661
8/6/12 2:00	38.295	38.184	33.419	8/6/12 2:00	37.890	21.838	34.534	36.052	27.371	29.884	36.656
8/6/12 2:20	38.293	38.181	33.417	8/6/12 2:20	37.886	21.848	34.529	36.047	27.366	29.880	36.654
8/6/12 2:40	38.293	38.179	33.414	8/6/12 2:40	37.886	21.836	34.527	36.047	27.366	29.877	36.654
8/6/12 3:00	38.288	38.177	33.412	8/6/12 3:00	37.883	21.841	34.527	36.047	27.366	29.875	36.651
8/6/12 3:20	38.286	38.174	33.407	8/6/12 3:20	37.879	21.834	34.522	36.043	27.359	29.870	36.647
8/6/12 3:40	38.286	38.174	33.410	8/6/12 3:40	37.886	21.845	34.524	36.047	27.362	29.875	36.647
8/6/12 4:00	38.281	38.172	33.405	8/6/12 4:00	37.883	21.838	34.520	36.045	27.357	29.870	36.644
8/6/12 4:20	38.279	38.167	33.403	8/6/12 4:20	37.881	21.831	34.515	36.043	27.354	29.868	36.639
8/6/12 4:40	38.272	38.160	33.393	8/6/12 4:40	37.872	21.827	34.508	36.036	27.345	29.859	36.635
8/6/12 5:00	38.272	38.160	33.391	8/6/12 5:00	37.869	21.824	34.506	36.033	27.343	29.854	36.630
8/6/12 5:20	38.267	38.156	33.389	8/6/12 5:20	37.872	21.824	34.503	36.033	27.340	29.854	36.628
8/6/12 5:40	38.262	38.153	33.384	8/6/12 5:40	37.867	21.824	34.499	36.031	27.336	29.852	36.625
8/6/12 6:00	38.260	38.151	33.384	8/6/12 6:00	37.872	21.822	34.499	36.033	27.338	29.849	36.621
8/6/12 6:20	38.269	38.156	33.381	8/6/12 6:20	37.872	21.824	34.499	36.036	27.338	29.847	36.618
8/6/12 6:40	38.269	38.158	33.384	8/6/12 6:40	37.874	21.831	34.499	36.036	27.338	29.849	36.618
8/6/12 7:00	38.269	38.158	33.381	8/6/12 7:00	37.879	21.827	34.499	36.040	27.338	29.847	36.618

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/6/12 7:20	38.265	38.153	33.379	8/6/12 7:20	37.874	21.827	34.494	36.033	27.333	29.845	36.614
8/6/12 7:40	38.262	38.151	33.379	8/6/12 7:40	37.874	21.827	34.494	36.036	27.334	29.845	36.614
8/6/12 8:00	38.276	38.167	33.426	8/6/12 8:00	37.874	21.829	34.527	36.038	27.345	29.863	36.628
8/6/12 8:20	38.272	38.160	33.398	8/6/12 8:20	37.876	21.831	34.510	36.038	27.340	29.856	36.630
8/6/12 8:40	38.267	38.156	33.389	8/6/12 8:40	37.879	21.831	34.503	36.038	27.336	29.849	36.625
8/6/12 9:00	38.265	38.153	33.381	8/6/12 9:00	37.879	21.829	34.499	36.038	27.333	29.847	36.623
8/6/12 9:20	38.258	38.148	33.377	8/6/12 9:20	37.874	21.827	34.494	36.036	27.329	29.842	36.618
8/6/12 9:40	38.262	38.153	33.372	8/6/12 9:40	37.869	21.822	34.487	36.029	27.322	29.835	36.616
8/6/12 10:00	38.328	38.265	33.367	8/6/12 10:00	37.869	21.815	34.487	36.031	27.322	29.833	36.614
8/6/12 10:20	38.377	38.307	33.367	8/6/12 10:20	37.869	21.824	34.485	36.033	27.319	29.833	36.614
8/6/12 10:40	38.314	38.240	33.367	8/6/12 10:40	37.865	21.820	34.485	36.029	27.315	29.831	36.616
8/6/12 11:00	38.311	38.219	33.365	8/6/12 11:00	37.860	21.813	34.485	36.026	27.312	29.826	36.618
8/6/12 11:20	38.290	38.188	33.363	8/6/12 11:20	37.853	21.808	34.480	36.019	27.305	29.821	36.621
8/6/12 11:40	38.381	38.296	33.358	8/6/12 11:40	37.846	21.799	34.473	36.015	27.296	29.817	36.618
8/6/12 12:00	38.330	38.286	33.356	8/6/12 12:00	37.839	21.794	34.468	36.008	27.291	29.810	36.618
8/6/12 12:20	38.302	38.202	33.351	8/6/12 12:20	37.832	21.785	34.464	36.003	27.284	29.803	36.616
8/6/12 12:40	38.356	38.326	33.344	8/6/12 12:40	37.827	21.780	34.461	36.001	27.280	29.798	36.614
8/6/12 13:00	38.428	38.443	33.342	8/6/12 13:00	37.816	21.768	34.459	35.994	27.270	29.791	36.614
8/6/12 13:20	38.337	38.268	33.339	8/6/12 13:20	37.809	21.764	34.454	35.982	27.263	29.786	36.616
8/6/12 13:40	38.449	38.457	33.335	8/6/12 13:40	37.807	21.757	34.452	35.982	27.256	29.779	36.616
8/6/12 14:00	38.421	38.450	33.332	8/6/12 14:00	37.795	21.750	34.447	35.975	27.249	29.775	36.616
8/6/12 14:20	38.402	38.382	33.328	8/6/12 14:20	37.793	21.747	34.440	35.972	27.247	29.770	36.614
8/6/12 14:40	38.272	38.165	33.320	8/6/12 14:40	37.788	21.745	34.436	35.965	27.238	29.763	36.607
8/6/12 15:00	38.267	38.184	33.311	8/6/12 15:00	37.783	21.738	34.424	35.958	27.228	29.754	36.597
8/6/12 15:20	38.260	38.167	33.302	8/6/12 15:20	37.776	21.729	34.415	35.954	27.221	29.747	36.586
8/6/12 15:40	38.251	38.148	33.384	8/6/12 15:40	37.769	21.726	34.457	35.947	27.228	29.758	36.581
8/6/12 16:00	38.311	38.265	33.318	8/6/12 16:00	37.767	21.722	34.424	35.947	27.217	29.744	36.583
8/6/12 16:20	38.232	38.125	33.297	8/6/12 16:20	37.762	21.715	34.408	35.942	27.205	29.733	36.574
8/6/12 16:40	38.206	38.099	33.278	8/6/12 16:40	37.755	21.712	34.394	35.933	27.191	29.721	36.560
8/6/12 17:00	38.258	38.153	33.269	8/6/12 17:00	37.753	21.708	34.382	35.933	27.184	29.711	36.551
8/6/12 17:20	38.197	38.099	33.257	8/6/12 17:20	37.753	21.703	34.375	35.930	27.179	29.707	36.539
8/6/12 17:40	38.183	38.083	33.248	8/6/12 17:40	37.753	21.696	34.366	35.928	27.172	29.697	36.527
8/6/12 18:00	38.160	38.050	33.241	8/6/12 18:00	37.753	21.703	34.357	35.928	27.168	29.690	36.518
8/6/12 18:20	38.304	38.275	33.231	8/6/12 18:20	37.748	21.696	34.350	35.926	27.158	29.681	36.506

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/6/12 18:40	38.157	38.046	33.224	8/6/12 18:40	37.748	21.691	34.340	35.923	27.154	29.676	36.499
8/6/12 19:00	38.178	38.062	33.222	8/6/12 19:00	37.748	21.691	34.340	35.923	27.151	29.672	36.494
8/6/12 19:20	38.220	38.102	33.224	8/6/12 19:20	37.753	21.694	34.343	35.928	27.156	29.674	36.492
8/6/12 19:40	38.244	38.127	33.229	8/6/12 19:40	37.760	21.694	34.347	35.933	27.158	29.679	36.497
8/6/12 20:00	38.230	38.116	33.229	8/6/12 20:00	37.760	21.696	34.347	35.935	27.156	29.676	36.502
8/6/12 20:20	38.218	38.104	33.231	8/6/12 20:20	37.765	21.701	34.347	35.940	27.156	29.679	36.506
8/6/12 20:40	38.211	38.092	33.229	8/6/12 20:40	37.774	21.698	34.347	35.944	27.158	29.679	36.506
8/6/12 21:00	38.204	38.088	33.231	8/6/12 21:00	37.781	21.708	34.347	35.951	27.161	29.681	36.506
8/6/12 21:20	38.204	38.088	33.234	8/6/12 21:20	37.790	21.719	34.354	35.958	27.165	29.683	36.506
8/6/12 21:40	38.204	38.090	33.236	8/6/12 21:40	37.800	21.719	34.354	35.968	27.170	29.690	36.509
8/6/12 22:00	38.204	38.085	33.238	8/6/12 22:00	37.807	21.724	34.357	35.972	27.172	29.690	36.509
8/6/12 22:20	38.209	38.092	33.243	8/6/12 22:20	37.818	21.729	34.361	35.982	27.177	29.697	36.511
8/6/12 22:40	38.211	38.095	33.245	8/6/12 22:40	37.820	21.733	34.364	35.987	27.179	29.700	36.513
8/6/12 23:00	38.211	38.092	33.245	8/6/12 23:00	37.823	21.738	34.361	35.989	27.179	29.700	36.516
8/6/12 23:20	38.241	38.127	33.435	8/6/12 23:20	37.830	21.738	34.450	35.996	27.210	29.728	36.520
8/6/12 23:40	38.241	38.127	33.306	8/6/12 23:40	37.839	21.743	34.410	36.001	27.205	29.730	36.546
8/7/12 0:00	38.234	38.118	33.285	8/7/12 0:00	37.841	21.738	34.396	36.003	27.200	29.723	36.546
8/7/12 0:20	38.227	38.113	33.276	8/7/12 0:20	37.844	21.743	34.392	36.005	27.200	29.721	36.544
8/7/12 0:40	38.223	38.106	33.271	8/7/12 0:40	37.846	21.743	34.389	36.008	27.198	29.718	36.544
8/7/12 1:00	38.216	38.099	33.267	8/7/12 1:00	37.846	21.740	34.385	36.008	27.196	29.716	36.539
8/7/12 1:20	38.211	38.097	33.267	8/7/12 1:20	37.853	21.745	34.385	36.012	27.198	29.718	36.539
8/7/12 1:40	38.204	38.090	33.264	8/7/12 1:40	37.853	21.738	34.380	36.010	27.196	29.716	36.537
8/7/12 2:00	38.199	38.088	33.260	8/7/12 2:00	37.851	21.729	34.375	36.008	27.191	29.711	36.534
8/7/12 2:20	38.216	38.104	33.328	8/7/12 2:20	37.851	21.736	34.420	36.008	27.207	29.735	36.544
8/7/12 2:40	38.206	38.095	33.288	8/7/12 2:40	37.851	21.736	34.396	36.010	27.200	29.726	36.546
8/7/12 3:00	38.202	38.090	33.276	8/7/12 3:00	37.858	21.743	34.392	36.017	27.200	29.723	36.544
8/7/12 3:20	38.605	38.707	33.297	8/7/12 3:20	37.911	21.785	34.426	36.075	27.240	29.751	36.553
8/7/12 3:40	38.761	38.908	33.325	8/7/12 3:40	37.925	21.803	34.454	36.096	27.261	29.777	36.583
8/7/12 4:00	38.890	39.062	33.318	8/7/12 4:00	37.874	21.752	34.450	36.059	27.233	29.758	36.604
8/7/12 4:20	38.503	38.406	33.335	8/7/12 4:20	37.876	21.750	34.457	36.054	27.235	29.765	36.637
8/7/12 4:40	38.489	38.427	33.344	8/7/12 4:40	37.895	21.768	34.464	36.064	27.252	29.779	36.654
8/7/12 5:00	38.568	38.548	33.344	8/7/12 5:00	37.914	21.775	34.473	36.092	27.261	29.786	36.649
8/7/12 5:20	38.377	38.282	33.330	8/7/12 5:20	37.890	21.754	34.450	36.059	27.240	29.765	36.632
8/7/12 5:40	38.605	38.609	33.323	8/7/12 5:40	37.876	21.747	34.445	36.052	27.233	29.763	36.621

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/7/12 6:00	38.349	38.291	33.320	8/7/12 6:00	37.869	21.740	34.440	36.043	27.226	29.756	36.621
8/7/12 6:20	38.297	38.221	33.304	8/7/12 6:20	37.851	21.715	34.422	36.022	27.207	29.740	36.609
8/7/12 6:40	38.265	38.163	33.295	8/7/12 6:40	37.844	21.715	34.410	36.015	27.200	29.733	36.595
8/7/12 7:00	38.239	38.134	33.283	8/7/12 7:00	37.839	21.705	34.399	36.010	27.191	29.723	36.579
8/7/12 7:20	38.220	38.106	33.271	8/7/12 7:20	37.837	21.712	34.389	36.005	27.186	29.714	36.565
8/7/12 7:40	38.211	38.099	33.267	8/7/12 7:40	37.839	21.710	34.382	36.008	27.186	29.711	36.553
8/7/12 8:00	38.197	38.085	33.260	8/7/12 8:00	37.837	21.710	34.375	36.008	27.182	29.709	36.541
8/7/12 8:20	38.192	38.081	33.255	8/7/12 8:20	37.841	21.708	34.378	36.010	27.184	29.707	36.534
8/7/12 8:40	38.190	38.076	33.480	8/7/12 8:40	37.839	21.712	34.410	36.008	27.184	29.704	36.527
8/7/12 9:00	38.195	38.083	33.290	8/7/12 9:00	37.846	21.712	34.399	36.012	27.193	29.718	36.534
8/7/12 9:20	38.190	38.078	33.267	8/7/12 9:20	37.848	21.722	34.382	36.015	27.189	29.711	36.530
8/7/12 9:40	38.188	38.081	33.257	8/7/12 9:40	37.853	21.729	34.378	36.017	27.186	29.709	36.525
8/7/12 10:00	38.181	38.069	33.255	8/7/12 10:00	37.858	21.729	34.373	36.022	27.189	29.709	36.520
8/7/12 10:20	38.176	38.064	33.250	8/7/12 10:20	37.860	21.729	34.371	36.022	27.186	29.707	36.518
8/7/12 10:40	38.269	38.237	33.454	8/7/12 10:40	37.872	21.736	34.440	36.031	27.210	29.726	36.518
8/7/12 11:00	38.267	38.186	33.299	8/7/12 11:00	37.867	21.733	34.410	36.031	27.205	29.730	36.534
8/7/12 11:20	38.540	38.646	33.304	8/7/12 11:20	37.916	21.780	34.426	36.078	27.240	29.754	36.553
8/7/12 11:40	38.722	38.805	33.435	8/7/12 11:40	37.951	21.806	34.520	36.120	27.294	29.812	36.583
8/7/12 12:00	38.859	38.962	33.391	8/7/12 12:00	37.960	21.817	34.517	36.131	27.301	29.824	36.630
8/7/12 12:20	38.838	38.938	33.403	8/7/12 12:20	37.979	21.824	34.536	36.150	27.317	29.840	36.670
8/7/12 12:40	38.969	39.067	33.424	8/7/12 12:40	38.000	21.843	34.557	36.173	27.343	29.863	36.698
8/7/12 13:00	38.946	39.081	33.419	8/7/12 13:00	37.977	21.819	34.552	36.157	27.329	29.852	36.705
8/7/12 13:20	38.754	38.857	33.396	8/7/12 13:20	37.904	21.754	34.517	36.089	27.280	29.821	36.707
8/7/12 13:40	38.647	38.660	33.384	8/7/12 13:40	37.893	21.733	34.503	36.075	27.266	29.803	36.707
8/7/12 14:00	38.437	38.380	33.377	8/7/12 14:00	37.890	21.733	34.494	36.064	27.259	29.798	36.703
8/7/12 14:20	38.356	38.275	33.363	8/7/12 14:20	37.886	21.738	34.480	36.059	27.254	29.791	36.684
8/7/12 14:40	38.316	38.237	33.349	8/7/12 14:40	37.876	21.729	34.464	36.050	27.245	29.779	36.661
8/7/12 15:00	38.304	38.212	33.332	8/7/12 15:00	37.869	21.719	34.447	36.040	27.233	29.768	36.635
8/7/12 15:20	38.304	38.202	33.323	8/7/12 15:20	37.872	21.733	34.445	36.045	27.233	29.763	36.623
8/7/12 15:40	38.281	38.170	33.330	8/7/12 15:40	37.900	21.757	34.454	36.064	27.252	29.779	36.621
8/7/12 16:00	38.365	38.296	33.316	8/7/12 16:00	37.865	21.724	34.436	36.045	27.228	29.763	36.607
8/7/12 16:20	38.309	38.200	33.372	8/7/12 16:20	37.853	21.717	34.468	36.031	27.233	29.770	36.611
8/7/12 16:40	38.276	38.167	33.337	8/7/12 16:40	37.869	21.726	34.447	36.040	27.235	29.768	36.616
8/7/12 17:00	38.241	38.130	33.304	8/7/12 17:00	37.837	21.703	34.415	36.017	27.205	29.740	36.590

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/7/12 17:20	38.232	38.121	33.290	8/7/12 17:20	37.839	21.708	34.408	36.017	27.200	29.730	36.576
8/7/12 17:40	38.223	38.111	33.283	8/7/12 17:40	37.841	21.710	34.399	36.019	27.200	29.728	36.567
8/7/12 18:00	38.211	38.100	33.271	8/7/12 18:00	37.839	21.705	34.392	36.019	27.193	29.721	36.555
8/7/12 18:20	38.202	38.090	33.264	8/7/12 18:20	37.839	21.712	34.385	36.017	27.191	29.716	36.544
8/7/12 18:40	38.178	38.067	33.243	8/7/12 18:40	37.811	21.677	34.361	36.005	27.165	29.693	36.527
8/7/12 19:00	38.164	38.050	33.224	8/7/12 19:00	37.790	21.661	34.343	35.998	27.144	29.674	36.511
8/7/12 19:20	38.162	38.048	33.222	8/7/12 19:20	37.802	21.670	34.340	36.003	27.147	29.674	36.504
8/7/12 19:40	38.155	38.043	33.220	8/7/12 19:40	37.807	21.677	34.343	36.008	27.149	29.674	36.499
8/7/12 20:00	38.153	38.039	33.220	8/7/12 20:00	37.814	21.687	34.340	36.010	27.151	29.674	36.492
8/7/12 20:20	38.155	38.041	33.220	8/7/12 20:20	37.825	21.696	34.343	36.015	27.158	29.679	36.492
8/7/12 20:40	38.155	38.041	33.222	8/7/12 20:40	37.834	21.705	34.345	36.017	27.163	29.683	36.490
8/7/12 21:00	38.197	38.099	33.323	8/7/12 21:00	37.853	21.717	34.410	36.024	27.198	29.721	36.502
8/7/12 21:20	38.176	38.064	33.269	8/7/12 21:20	37.855	21.719	34.380	36.024	27.189	29.711	36.513
8/7/12 21:40	38.176	38.062	33.255	8/7/12 21:40	37.862	21.724	34.375	36.026	27.189	29.709	36.511
8/7/12 22:00	38.174	38.060	33.252	8/7/12 22:00	37.869	21.731	34.375	36.031	27.191	29.711	36.509
8/7/12 22:20	38.178	38.064	33.255	8/7/12 22:20	37.886	21.740	34.380	36.040	27.200	29.721	36.513
8/7/12 22:40	38.176	38.060	33.252	8/7/12 22:40	37.883	21.736	34.373	36.040	27.198	29.716	36.511
8/7/12 23:00	38.183	38.069	33.257	8/7/12 23:00	37.897	21.750	34.382	36.047	27.207	29.726	36.513
8/7/12 23:20	38.181	38.067	33.255	8/7/12 23:20	37.893	21.745	34.378	36.045	27.205	29.721	36.516
8/7/12 23:40	38.183	38.067	33.255	8/7/12 23:40	37.893	21.736	34.375	36.045	27.203	29.721	36.516
8/8/12 0:00	38.183	38.067	33.252	8/8/12 0:00	37.890	21.738	34.373	36.040	27.198	29.716	36.513
8/8/12 0:20	38.185	38.071	33.252	8/8/12 0:20	37.893	21.740	34.373	36.043	27.200	29.716	36.516
8/8/12 0:40	38.185	38.069	33.255	8/8/12 0:40	37.893	21.736	34.373	36.043	27.200	29.716	36.518
8/8/12 1:00	38.185	38.071	33.257	8/8/12 1:00	37.897	21.740	34.375	36.045	27.205	29.721	36.518
8/8/12 1:20	38.190	38.076	33.257	8/8/12 1:20	37.900	21.745	34.378	36.045	27.205	29.721	36.523
8/8/12 1:40	38.185	38.071	33.255	8/8/12 1:40	37.893	21.738	34.375	36.043	27.200	29.718	36.523
8/8/12 2:00	38.195	38.078	33.262	8/8/12 2:00	37.907	21.754	34.385	36.045	27.212	29.728	36.525
8/8/12 2:20	38.211	38.099	33.325	8/8/12 2:20	37.904	21.752	34.424	36.045	27.226	29.749	36.541
8/8/12 2:40	38.204	38.090	33.288	8/8/12 2:40	37.893	21.747	34.401	36.043	27.214	29.735	36.544
8/8/12 3:00	38.204	38.092	33.283	8/8/12 3:00	37.907	21.754	34.401	36.045	27.221	29.740	36.548
8/8/12 3:20	38.204	38.090	33.278	8/8/12 3:20	37.907	21.750	34.394	36.047	27.219	29.737	36.544
8/8/12 3:40	38.202	38.088	33.271	8/8/12 3:40	37.900	21.747	34.392	36.045	27.212	29.730	36.541
8/8/12 4:00	38.197	38.083	33.267	8/8/12 4:00	37.893	21.740	34.387	36.043	27.205	29.726	36.537
8/8/12 4:20	38.197	38.083	33.264	8/8/12 4:20	37.895	21.733	34.385	36.043	27.205	29.723	36.537

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/8/12 4:40	38.195	38.081	33.262	8/8/12 4:40	37.893	21.733	34.382	36.040	27.205	29.721	36.534
8/8/12 5:00	38.192	38.078	33.260	8/8/12 5:00	37.888	21.731	34.380	36.038	27.200	29.721	36.532
8/8/12 5:20	38.188	38.074	33.257	8/8/12 5:20	37.886	21.729	34.378	36.038	27.198	29.716	36.530
8/8/12 5:40	38.190	38.074	33.257	8/8/12 5:40	37.886	21.733	34.375	36.038	27.198	29.716	36.527
8/8/12 6:00	38.188	38.076	33.257	8/8/12 6:00	37.890	21.731	34.380	36.040	27.200	29.718	36.527
8/8/12 6:20	38.190	38.076	33.260	8/8/12 6:20	37.893	21.740	34.378	36.040	27.203	29.718	36.527
8/8/12 6:40	38.188	38.074	33.260	8/8/12 6:40	37.895	21.738	34.378	36.040	27.203	29.719	36.525
8/8/12 7:00	38.190	38.076	33.260	8/8/12 7:00	37.900	21.745	34.382	36.045	27.207	29.723	36.527
8/8/12 7:20	38.192	38.078	33.262	8/8/12 7:20	37.904	21.754	34.385	36.045	27.210	29.728	36.527
8/8/12 7:40	38.216	38.104	33.351	8/8/12 7:40	37.916	21.764	34.438	36.052	27.238	29.758	36.539
8/8/12 8:00	38.213	38.099	33.304	8/8/12 8:00	37.918	21.761	34.417	36.052	27.233	29.751	36.551
8/8/12 8:20	38.209	38.095	33.292	8/8/12 8:20	37.923	21.764	34.410	36.054	27.233	29.751	36.551
8/8/12 8:40	38.209	38.097	33.288	8/8/12 8:40	37.923	21.766	34.408	36.054	27.233	29.749	36.548
8/8/12 9:00	38.206	38.092	33.285	8/8/12 9:00	37.921	21.759	34.406	36.054	27.231	29.747	36.548
8/8/12 9:20	38.206	38.095	33.283	8/8/12 9:20	37.918	21.764	34.401	36.052	27.231	29.744	36.546
8/8/12 9:40	38.204	38.092	33.281	8/8/12 9:40	37.916	21.759	34.396	36.052	27.226	29.742	36.546
8/8/12 10:00	38.465	38.518	33.276	8/8/12 10:00	37.909	21.750	34.396	36.054	27.221	29.737	36.544
8/8/12 10:20	38.514	38.499	33.283	8/8/12 10:20	37.907	21.750	34.410	36.061	27.224	29.742	36.553
8/8/12 10:40	38.551	38.565	33.297	8/8/12 10:40	37.907	21.750	34.422	36.064	27.228	29.749	36.576
8/8/12 11:00	38.365	38.282	33.304	8/8/12 11:00	37.907	21.750	34.429	36.061	27.233	29.756	36.595
8/8/12 11:20	38.281	38.170	33.302	8/8/12 11:20	37.897	21.740	34.419	36.052	27.226	29.749	36.597
8/8/12 11:40	38.633	38.719	33.299	8/8/12 11:40	37.890	21.738	34.427	36.059	27.224	29.747	36.595
8/8/12 12:00	38.645	38.684	33.473	8/8/12 12:00	37.883	21.731	34.508	36.059	27.247	29.775	36.611
8/8/12 12:20	38.645	38.665	33.363	8/8/12 12:20	37.876	21.729	34.471	36.054	27.235	29.770	36.647
8/8/12 12:40	38.596	38.649	33.342	8/8/12 12:40	37.865	21.719	34.457	36.047	27.224	29.761	36.656
8/8/12 13:00	38.442	38.403	33.445	8/8/12 13:00	37.855	21.712	34.461	36.045	27.217	29.754	36.651
8/8/12 13:20	38.381	38.279	33.393	8/8/12 13:20	37.846	21.696	34.485	36.036	27.228	29.772	36.663
8/8/12 13:40	38.463	38.368	33.344	8/8/12 13:40	37.834	21.691	34.452	36.031	27.210	29.749	36.654
8/8/12 14:00	38.533	38.508	33.320	8/8/12 14:00	37.830	21.684	34.436	36.029	27.200	29.737	36.639
8/8/12 14:20	38.323	38.214	33.309	8/8/12 14:20	37.823	21.680	34.424	36.022	27.191	29.728	36.628
8/8/12 14:40	38.281	38.172	33.295	8/8/12 14:40	37.818	21.682	34.410	36.017	27.182	29.721	36.614
8/8/12 15:00	38.295	38.228	33.283	8/8/12 15:00	37.816	21.677	34.399	36.015	27.177	29.711	36.595
8/8/12 15:20	38.244	38.134	33.269	8/8/12 15:20	37.809	21.673	34.387	36.008	27.168	29.702	36.581
8/8/12 15:40	38.255	38.151	33.454	8/8/12 15:40	37.804	21.666	34.440	36.005	27.175	29.707	36.565

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/8/12 16:00	38.269	38.160	33.295	8/8/12 16:00	37.795	21.654	34.403	36.003	27.165	29.704	36.572
8/8/12 16:20	38.337	38.345	33.267	8/8/12 16:20	37.793	21.654	34.382	36.001	27.154	29.690	36.567
8/8/12 16:40	38.365	38.366	33.252	8/8/12 16:40	37.786	21.649	34.375	36.001	27.144	29.681	36.555
8/8/12 17:00	38.253	38.144	33.245	8/8/12 17:00	37.783	21.642	34.364	35.996	27.139	29.674	36.551
8/8/12 17:20	38.258	38.156	33.236	8/8/12 17:20	37.783	21.642	34.359	35.996	27.135	29.669	36.544
8/8/12 17:40	38.360	38.326	33.238	8/8/12 17:40	37.788	21.647	34.361	36.003	27.137	29.669	36.541
8/8/12 18:00	38.260	38.153	33.236	8/8/12 18:00	37.786	21.649	34.354	35.996	27.130	29.667	36.544
8/8/12 18:20	38.279	38.214	33.234	8/8/12 18:20	37.788	21.649	34.350	35.996	27.130	29.665	36.539
8/8/12 18:40	38.230	38.120	33.229	8/8/12 18:40	37.788	21.649	34.350	35.996	27.128	29.665	36.534
8/8/12 19:00	38.216	38.104	33.278	8/8/12 19:00	37.786	21.640	34.375	35.991	27.139	29.679	36.539
8/8/12 19:20	38.197	38.083	33.243	8/8/12 19:20	37.788	21.645	34.352	35.991	27.130	29.667	36.532
8/8/12 19:40	38.190	38.074	33.229	8/8/12 19:40	37.795	21.652	34.345	35.994	27.130	29.662	36.518
8/8/12 20:00	38.183	38.067	33.222	8/8/12 20:00	37.804	21.659	34.340	35.998	27.130	29.662	36.511
8/8/12 20:20	38.185	38.069	33.217	8/8/12 20:20	37.814	21.663	34.340	36.001	27.135	29.665	36.504
8/8/12 20:40	38.183	38.067	33.215	8/8/12 20:40	37.823	21.670	34.338	36.005	27.137	29.665	36.499
8/8/12 21:00	38.185	38.069	33.215	8/8/12 21:00	37.827	21.670	34.338	36.010	27.139	29.667	36.497
8/8/12 21:20	38.190	38.074	33.220	8/8/12 21:20	37.841	21.682	34.343	36.015	27.149	29.669	36.497
8/8/12 21:40	38.360	38.354	33.224	8/8/12 21:40	37.853	21.691	34.350	36.026	27.158	29.679	36.499
8/8/12 22:00	38.444	38.466	33.234	8/8/12 22:00	37.865	21.698	34.359	36.033	27.165	29.686	36.511
8/8/12 22:20	38.491	38.511	33.290	8/8/12 22:20	37.872	21.708	34.382	36.045	27.177	29.697	36.525
8/8/12 22:40	38.388	38.347	33.320	8/8/12 22:40	37.881	21.712	34.429	36.047	27.203	29.733	36.562
8/8/12 23:00	38.503	38.513	33.297	8/8/12 23:00	37.886	21.717	34.415	36.050	27.203	29.730	36.576
8/8/12 23:20	38.510	38.487	33.292	8/8/12 23:20	37.888	21.717	34.415	36.054	27.200	29.730	36.581
8/8/12 23:40	38.633	38.672	33.302	8/8/12 23:40	37.895	21.722	34.431	36.066	27.210	29.737	36.593
8/9/12 0:00	38.535	38.527	33.311	8/9/12 0:00	37.902	21.722	34.433	36.064	27.217	29.747	36.611
8/9/12 0:20	38.482	38.457	33.316	8/9/12 0:20	37.904	21.724	34.443	36.071	27.221	29.749	36.618
8/9/12 0:40	38.407	38.352	33.316	8/9/12 0:40	37.904	21.726	34.440	36.066	27.221	29.751	36.623
8/9/12 1:00	38.579	38.602	33.320	8/9/12 1:00	37.909	21.729	34.447	36.073	27.226	29.758	36.625
8/9/12 1:20	38.668	38.723	33.328	8/9/12 1:20	37.911	21.729	34.454	36.080	27.233	29.763	36.632
8/9/12 1:40	38.654	38.691	33.339	8/9/12 1:40	37.914	21.733	34.464	36.085	27.238	29.770	36.647
8/9/12 2:00	38.614	38.618	33.342	8/9/12 2:00	37.911	21.731	34.466	36.080	27.238	29.772	36.656
8/9/12 2:20	38.675	38.728	33.346	8/9/12 2:20	37.916	21.733	34.471	36.085	27.242	29.777	36.661
8/9/12 2:40	38.617	38.642	33.349	8/9/12 2:40	37.911	21.731	34.471	36.082	27.242	29.779	36.665
8/9/12 3:00	38.782	38.887	33.356	8/9/12 3:00	37.918	21.729	34.482	36.092	27.249	29.782	36.668

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/9/12 3:20	38.775	38.850	33.367	8/9/12 3:20	37.921	21.738	34.496	36.096	27.259	29.793	36.684
8/9/12 3:40	38.822	38.908	33.381	8/9/12 3:40	37.925	21.743	34.510	36.101	27.268	29.803	36.703
8/9/12 4:00	38.792	38.854	33.391	8/9/12 4:00	37.925	21.743	34.520	36.103	27.273	29.810	36.717
8/9/12 4:20	38.801	38.854	33.400	8/9/12 4:20	37.928	21.747	34.527	36.106	27.280	29.817	36.731
8/9/12 4:40	38.759	38.798	33.407	8/9/12 4:40	37.930	21.747	34.534	36.106	27.287	29.826	36.740
8/9/12 5:00	38.789	38.850	33.412	8/9/12 5:00	37.937	21.754	34.538	36.108	27.289	29.831	36.742
8/9/12 5:20	38.787	38.831	33.419	8/9/12 5:20	37.939	21.754	34.545	36.113	27.296	29.838	36.747
8/9/12 5:40	38.766	38.819	33.424	8/9/12 5:40	37.939	21.759	34.550	36.113	27.301	29.842	36.752
8/9/12 6:00	38.822	38.896	33.428	8/9/12 6:00	37.942	21.761	34.557	36.117	27.305	29.847	36.759
8/9/12 6:20	38.841	38.910	33.435	8/9/12 6:20	37.946	21.759	34.566	36.122	27.312	29.854	36.763
8/9/12 6:40	38.880	38.969	33.560	8/9/12 6:40	37.951	21.768	34.629	36.124	27.340	29.880	36.773
8/9/12 7:00	38.906	38.983	33.489	8/9/12 7:00	37.958	21.771	34.608	36.131	27.343	29.887	36.796
8/9/12 7:20	38.995	39.098	33.485	8/9/12 7:20	37.956	21.771	34.613	36.134	27.347	29.891	36.808
8/9/12 7:40	39.062	39.189	33.494	8/9/12 7:40	37.963	21.775	34.627	36.141	27.361	29.901	36.820
8/9/12 8:00	39.146	39.277	33.508	8/9/12 8:00	37.970	21.789	34.643	36.148	27.373	29.915	36.841
8/9/12 8:20	39.183	39.315	33.527	8/9/12 8:20	37.979	21.799	34.662	36.155	27.390	29.934	36.869
8/9/12 8:40	39.176	39.282	33.546	8/9/12 8:40	37.979	21.789	34.678	36.157	27.401	29.945	36.885
8/9/12 9:00	39.195	39.303	33.557	8/9/12 9:00	37.981	21.799	34.690	36.159	27.411	29.957	36.908
8/9/12 9:20	39.165	39.226	33.574	8/9/12 9:20	37.986	21.799	34.706	36.162	27.425	29.969	36.922
8/9/12 9:40	39.225	39.324	33.586	8/9/12 9:40	37.988	21.806	34.718	36.166	27.434	29.983	36.939
8/9/12 10:00	39.246	39.329	33.593	8/9/12 10:00	37.984	21.803	34.727	36.164	27.441	29.987	36.953
8/9/12 10:20	39.298	39.441	33.604	8/9/12 10:20	37.979	21.803	34.734	36.166	27.443	29.992	36.960
8/9/12 10:40	39.265	39.373	33.818	8/9/12 10:40	37.979	21.806	34.820	36.169	27.471	30.018	36.976
8/9/12 11:00	39.337	39.462	33.672	8/9/12 11:00	37.977	21.803	34.790	36.169	27.471	30.029	37.007
8/9/12 11:20	39.302	39.425	33.656	8/9/12 11:20	37.972	21.796	34.785	36.166	27.471	30.029	37.016
8/9/12 11:40	39.335	39.460	33.654	8/9/12 11:40	37.970	21.794	34.783	36.166	27.471	30.032	37.021
8/9/12 12:00	39.253	39.357	33.654	8/9/12 12:00	37.963	21.794	34.783	36.162	27.474	30.032	37.021
8/9/12 12:20	39.328	39.448	33.654	8/9/12 12:20	37.960	21.787	34.788	36.164	27.476	30.034	37.023
8/9/12 12:40	39.260	39.361	33.654	8/9/12 12:40	37.953	21.782	34.788	36.159	27.474	30.034	37.025
8/9/12 13:00	39.316	39.422	33.656	8/9/12 13:00	37.946	21.775	34.783	36.157	27.474	30.034	37.025
8/9/12 13:20	39.309	39.387	33.656	8/9/12 13:20	37.939	21.780	34.785	36.152	27.474	30.034	37.028
8/9/12 13:40	39.330	39.422	33.724	8/9/12 13:40	37.935	21.778	34.832	36.152	27.492	30.062	37.039
8/9/12 14:00	39.232	39.245	33.689	8/9/12 14:00	37.928	21.773	34.813	36.150	27.485	30.053	37.049
8/9/12 14:20	39.088	39.081	33.679	8/9/12 14:20	37.921	21.766	34.804	36.145	27.483	30.050	37.044

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/9/12 14:40	39.302	39.404	33.675	8/9/12 14:40	37.923	21.773	34.804	36.145	27.485	30.048	37.037
8/9/12 15:00	39.326	39.418	33.766	8/9/12 15:00	37.921	21.768	34.850	36.143	27.502	30.069	37.037
8/9/12 15:20	39.225	39.298	33.698	8/9/12 15:20	37.914	21.766	34.822	36.141	27.495	30.062	37.046
8/9/12 15:40	39.256	39.343	33.679	8/9/12 15:40	37.902	21.757	34.806	36.131	27.481	30.050	37.037
8/9/12 16:00	39.253	39.347	33.668	8/9/12 16:00	37.897	21.757	34.799	36.131	27.478	30.043	37.030
8/9/12 16:20	39.225	39.312	33.661	8/9/12 16:20	37.890	21.747	34.790	36.124	27.471	30.041	37.023
8/9/12 16:40	39.216	39.301	33.654	8/9/12 16:40	37.883	21.747	34.783	36.117	27.469	30.034	37.016
8/9/12 17:00	39.009	38.962	33.649	8/9/12 17:00	37.879	21.750	34.781	36.117	27.467	30.032	37.007
8/9/12 17:20	39.151	39.111	33.644	8/9/12 17:20	37.876	21.740	34.776	36.115	27.464	30.029	37.000
8/9/12 17:40	39.062	39.102	33.642	8/9/12 17:40	37.876	21.743	34.776	36.113	27.464	30.029	36.997
8/9/12 18:00	39.207	39.310	33.639	8/9/12 18:00	37.874	21.743	34.774	36.113	27.464	30.027	36.993
8/9/12 18:20	39.197	39.296	33.785	8/9/12 18:20	37.876	21.743	34.827	36.110	27.483	30.043	36.986
8/9/12 18:40	39.120	39.163	33.672	8/9/12 18:40	37.876	21.743	34.792	36.113	27.476	30.043	36.997
8/9/12 19:00	39.044	39.069	33.651	8/9/12 19:00	37.879	21.747	34.781	36.113	27.469	30.036	36.988
8/9/12 19:20	38.901	38.880	33.637	8/9/12 19:20	37.881	21.752	34.764	36.113	27.467	30.032	36.974
8/9/12 19:40	38.813	38.735	33.623	8/9/12 19:40	37.883	21.754	34.755	36.113	27.462	30.025	36.958
8/9/12 20:00	38.689	38.579	33.609	8/9/12 20:00	37.888	21.752	34.736	36.106	27.457	30.018	36.934
8/9/12 20:20	38.633	38.520	33.593	8/9/12 20:20	37.890	21.761	34.720	36.106	27.455	30.011	36.906
8/9/12 20:40	38.589	38.478	33.576	8/9/12 20:40	37.897	21.764	34.704	36.108	27.450	30.004	36.876
8/9/12 21:00	38.554	38.441	33.560	8/9/12 21:00	37.895	21.766	34.687	36.103	27.443	29.994	36.850
8/9/12 21:20	38.528	38.417	33.546	8/9/12 21:20	37.900	21.768	34.673	36.103	27.439	29.985	36.824
8/9/12 21:40	38.510	38.396	33.536	8/9/12 21:40	37.909	21.775	34.666	36.108	27.439	29.980	36.808
8/9/12 22:00	38.491	38.378	33.529	8/9/12 22:00	37.916	21.780	34.659	36.113	27.441	29.980	36.794
8/9/12 22:20	38.482	38.366	33.522	8/9/12 22:20	37.923	21.782	34.655	36.115	27.441	29.978	36.777
8/9/12 22:40	38.475	38.361	33.520	8/9/12 22:40	37.928	21.799	34.650	36.115	27.441	29.973	36.768
8/9/12 23:00	38.463	38.349	33.510	8/9/12 23:00	37.925	21.787	34.638	36.115	27.436	29.969	36.759
8/9/12 23:20	38.451	38.338	33.506	8/9/12 23:20	37.930	21.789	34.634	36.115	27.434	29.966	36.749
8/9/12 23:40	38.442	38.326	33.501	8/9/12 23:40	37.932	21.794	34.629	36.117	27.434	29.966	36.742
8/10/12 0:00	38.428	38.317	33.494	8/10/12 0:00	37.930	21.794	34.622	36.115	27.427	29.959	36.735
8/10/12 0:20	38.426	38.310	33.717	8/10/12 0:20	37.932	21.796	34.659	36.113	27.432	29.959	36.728
8/10/12 0:40	38.426	38.312	33.527	8/10/12 0:40	37.932	21.794	34.643	36.115	27.439	29.971	36.738
8/10/12 1:00	38.407	38.296	33.503	8/10/12 1:00	37.935	21.799	34.627	36.115	27.432	29.964	36.733
8/10/12 1:20	38.395	38.284	33.489	8/10/12 1:20	37.935	21.799	34.620	36.113	27.427	29.957	36.724
8/10/12 1:40	38.386	38.275	33.482	8/10/12 1:40	37.937	21.803	34.611	36.113	27.425	29.952	36.717

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/10/12 2:00	38.374	38.261	33.473	8/10/12 2:00	37.928	21.794	34.599	36.106	27.413	29.943	36.705
8/10/12 2:20	38.365	38.251	33.464	8/10/12 2:20	37.923	21.787	34.590	36.101	27.406	29.934	36.698
8/10/12 2:40	38.356	38.242	33.459	8/10/12 2:40	37.923	21.787	34.583	36.099	27.401	29.927	36.691
8/10/12 3:00	38.349	38.235	33.450	8/10/12 3:00	37.916	21.782	34.573	36.094	27.394	29.920	36.684
8/10/12 3:20	38.342	38.230	33.445	8/10/12 3:20	37.921	21.792	34.571	36.096	27.394	29.920	36.679
8/10/12 3:40	38.335	38.223	33.440	8/10/12 3:40	37.916	21.780	34.564	36.092	27.387	29.913	36.672
8/10/12 4:00	38.332	38.219	33.438	8/10/12 4:00	37.918	21.785	34.562	36.096	27.390	29.910	36.670
8/10/12 4:20	38.328	38.214	33.433	8/10/12 4:20	37.916	21.787	34.559	36.092	27.385	29.908	36.665
8/10/12 4:40	38.325	38.212	33.433	8/10/12 4:40	37.921	21.787	34.557	36.094	27.387	29.908	36.663
8/10/12 5:00	38.316	38.205	33.426	8/10/12 5:00	37.914	21.782	34.550	36.089	27.380	29.901	36.658
8/10/12 5:20	38.318	38.207	33.428	8/10/12 5:20	37.921	21.794	34.550	36.092	27.383	29.903	36.654
8/10/12 5:40	38.311	38.202	33.424	8/10/12 5:40	37.921	21.794	34.548	36.094	27.380	29.901	36.654
8/10/12 6:00	38.314	38.200	33.424	8/10/12 6:00	37.923	21.796	34.548	36.094	27.380	29.898	36.651
8/10/12 6:20	38.314	38.202	33.426	8/10/12 6:20	37.935	21.806	34.550	36.101	27.385	29.903	36.651
8/10/12 6:40	38.321	38.207	33.431	8/10/12 6:40	37.949	21.819	34.557	36.110	27.397	29.913	36.656
8/10/12 7:00	38.321	38.212	33.435	8/10/12 7:00	37.956	21.826	34.562	36.117	27.404	29.917	36.658
8/10/12 7:20	38.323	38.212	33.452	8/10/12 7:20	37.958	21.829	34.566	36.117	27.404	29.917	36.658
8/10/12 7:40	38.339	38.226	33.487	8/10/12 7:40	37.960	21.831	34.594	36.117	27.418	29.938	36.672
8/10/12 8:00	38.335	38.221	33.461	8/10/12 8:00	37.960	21.829	34.580	36.117	27.413	29.931	36.677
8/10/12 8:20	38.332	38.219	33.454	8/10/12 8:20	37.960	21.829	34.573	36.120	27.413	29.929	36.675
8/10/12 8:40	38.332	38.219	33.450	8/10/12 8:40	37.965	21.831	34.573	36.120	27.411	29.927	36.672
8/10/12 9:00	38.328	38.216	33.450	8/10/12 9:00	37.963	21.836	34.571	36.120	27.413	29.929	36.672
8/10/12 9:20	38.325	38.209	33.442	8/10/12 9:20	37.956	21.831	34.566	36.115	27.404	29.922	36.668
8/10/12 9:40	38.325	38.209	33.442	8/10/12 9:40	37.958	21.826	34.564	36.115	27.406	29.920	36.668
8/10/12 10:00	38.321	38.209	33.438	8/10/12 10:00	37.956	21.826	34.562	36.115	27.404	29.917	36.665
8/10/12 10:20	38.328	38.214	33.442	8/10/12 10:20	37.967	21.840	34.566	36.122	27.411	29.924	36.668
8/10/12 10:40	38.325	38.209	33.445	8/10/12 10:40	37.967	21.843	34.566	36.122	27.411	29.924	36.668
8/10/12 11:00	38.339	38.226	33.503	8/10/12 11:00	37.953	21.833	34.599	36.113	27.418	29.938	36.675
8/10/12 11:20	38.330	38.219	33.611	8/10/12 11:20	37.944	21.822	34.597	36.106	27.406	29.924	36.677
8/10/12 11:40	38.435	38.335	33.496	8/10/12 11:40	37.939	21.819	34.599	36.101	27.411	29.936	36.689
8/10/12 12:00	38.335	38.221	33.461	8/10/12 12:00	37.928	21.808	34.573	36.094	27.397	29.917	36.684
8/10/12 12:20	38.330	38.219	33.445	8/10/12 12:20	37.921	21.806	34.562	36.089	27.387	29.908	36.675
8/10/12 12:40	38.318	38.205	33.431	8/10/12 12:40	37.916	21.796	34.552	36.085	27.380	29.898	36.668
8/10/12 13:00	38.307	38.193	33.419	8/10/12 13:00	37.904	21.792	34.536	36.073	27.366	29.887	36.658

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/10/12 13:20	38.300	38.186	33.410	8/10/12 13:20	37.897	21.796	34.529	36.066	27.359	29.877	36.649
8/10/12 13:40	38.293	38.179	33.403	8/10/12 13:40	37.897	21.789	34.524	36.066	27.354	29.875	36.644
8/10/12 14:00	38.309	38.198	33.400	8/10/12 14:00	37.897	21.785	34.520	36.068	27.354	29.870	36.639
8/10/12 14:20	38.302	38.191	33.396	8/10/12 14:20	37.893	21.780	34.517	36.066	27.350	29.868	36.637
8/10/12 14:40	38.314	38.202	33.398	8/10/12 14:40	37.890	21.778	34.517	36.064	27.347	29.863	36.635
8/10/12 15:00	38.307	38.198	33.438	8/10/12 15:00	37.881	21.775	34.541	36.057	27.352	29.875	36.644
8/10/12 15:20	38.290	38.177	33.405	8/10/12 15:20	37.874	21.766	34.515	36.050	27.338	29.861	36.639
8/10/12 15:40	38.374	38.265	33.391	8/10/12 15:40	37.869	21.766	34.508	36.047	27.331	29.852	36.632
8/10/12 16:00	38.279	38.165	33.379	8/10/12 16:00	37.862	21.759	34.499	36.040	27.322	29.842	36.623
8/10/12 16:20	38.267	38.153	33.367	8/10/12 16:20	37.858	21.757	34.489	36.033	27.312	29.835	36.616
8/10/12 16:40	38.290	38.181	33.363	8/10/12 16:40	37.848	21.752	34.480	36.031	27.305	29.828	36.611
8/10/12 17:00	38.286	38.177	33.356	8/10/12 17:00	37.846	21.745	34.475	36.026	27.298	29.821	36.607
8/10/12 17:20	38.323	38.272	33.351	8/10/12 17:20	37.841	21.743	34.468	36.024	27.294	29.814	36.604
8/10/12 17:40	38.274	38.165	33.344	8/10/12 17:40	37.837	21.743	34.466	36.022	27.287	29.807	36.600
8/10/12 18:00	38.267	38.153	33.342	8/10/12 18:00	37.837	21.740	34.464	36.022	27.284	29.807	36.597
8/10/12 18:20	38.363	38.342	33.487	8/10/12 18:20	37.830	21.733	34.513	36.015	27.291	29.812	36.593
8/10/12 18:40	38.295	38.188	33.372	8/10/12 18:40	37.827	21.729	34.480	36.015	27.284	29.812	36.604
8/10/12 19:00	38.307	38.200	33.353	8/10/12 19:00	37.827	21.729	34.473	36.017	27.280	29.805	36.604
8/10/12 19:20	38.286	38.170	33.346	8/10/12 19:20	37.827	21.726	34.464	36.012	27.275	29.800	36.604
8/10/12 19:40	38.323	38.247	33.344	8/10/12 19:40	37.837	21.736	34.464	36.019	27.277	29.800	36.602
8/10/12 20:00	38.260	38.146	33.342	8/10/12 20:00	37.839	21.738	34.461	36.022	27.277	29.800	36.597
8/10/12 20:20	38.269	38.158	33.457	8/10/12 20:20	37.844	21.740	34.515	36.024	27.298	29.821	36.595
8/10/12 20:40	38.258	38.146	33.372	8/10/12 20:40	37.848	21.747	34.482	36.026	27.289	29.814	36.604
8/10/12 21:00	38.246	38.134	33.353	8/10/12 21:00	37.851	21.745	34.471	36.026	27.284	29.807	36.597
8/10/12 21:20	38.260	38.144	33.344	8/10/12 21:20	37.855	21.745	34.464	36.031	27.284	29.805	36.588
8/10/12 21:40	38.307	38.186	33.349	8/10/12 21:40	37.867	21.754	34.468	36.040	27.296	29.812	36.590
8/10/12 22:00	38.335	38.219	33.461	8/10/12 22:00	37.872	21.761	34.524	36.043	27.315	29.835	36.597
8/10/12 22:20	38.318	38.205	33.389	8/10/12 22:20	37.879	21.768	34.501	36.050	27.312	29.835	36.616
8/10/12 22:40	38.302	38.188	33.374	8/10/12 22:40	37.883	21.773	34.492	36.052	27.310	29.831	36.618
8/10/12 23:00	38.293	38.177	33.370	8/10/12 23:00	37.888	21.768	34.487	36.054	27.310	29.828	36.614
8/10/12 23:20	38.281	38.165	33.365	8/10/12 23:20	37.888	21.766	34.485	36.054	27.308	29.828	36.609
8/10/12 23:40	38.276	38.160	33.358	8/10/12 23:40	37.890	21.773	34.480	36.057	27.305	29.826	36.607
8/11/12 0:00	38.267	38.153	33.356	8/11/12 0:00	37.890	21.771	34.473	36.057	27.303	29.821	36.602
8/11/12 0:20	38.265	38.148	33.351	8/11/12 0:20	37.888	21.761	34.473	36.054	27.301	29.819	36.600

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/11/12 0:40	38.258	38.144	33.349	8/11/12 0:40	37.893	21.775	34.471	36.057	27.301	29.819	36.595
8/11/12 1:00	38.258	38.141	33.346	8/11/12 1:00	37.890	21.768	34.468	36.057	27.298	29.814	36.593
8/11/12 1:20	38.248	38.134	33.344	8/11/12 1:20	37.888	21.768	34.464	36.054	27.294	29.812	36.590
8/11/12 1:40	38.248	38.134	33.339	8/11/12 1:40	37.888	21.761	34.459	36.050	27.291	29.810	36.588
8/11/12 2:00	38.246	38.132	33.339	8/11/12 2:00	37.888	21.759	34.459	36.052	27.289	29.807	36.586
8/11/12 2:20	38.241	38.127	33.335	8/11/12 2:20	37.886	21.759	34.454	36.052	27.287	29.805	36.583
8/11/12 2:40	38.241	38.127	33.332	8/11/12 2:40	37.886	21.761	34.452	36.050	27.287	29.803	36.579
8/11/12 3:00	38.246	38.130	33.337	8/11/12 3:00	37.900	21.770	34.459	36.061	27.294	29.810	36.583
8/11/12 3:20	38.246	38.130	33.339	8/11/12 3:20	37.904	21.775	34.464	36.066	27.298	29.814	36.583
8/11/12 3:40	38.248	38.132	33.344	8/11/12 3:40	37.914	21.787	34.466	36.071	27.303	29.819	36.586
8/11/12 4:00	38.244	38.128	33.339	8/11/12 4:00	37.902	21.766	34.457	36.061	27.296	29.812	36.583
8/11/12 4:20	38.239	38.123	33.332	8/11/12 4:20	37.893	21.759	34.452	36.052	27.287	29.803	36.581
8/11/12 4:40	38.244	38.128	33.337	8/11/12 4:40	37.900	21.768	34.457	36.061	27.291	29.805	36.581
8/11/12 5:00	38.244	38.127	33.337	8/11/12 5:00	37.902	21.775	34.457	36.061	27.291	29.810	36.583
8/11/12 5:20	38.248	38.132	33.339	8/11/12 5:20	37.907	21.775	34.459	36.066	27.296	29.810	36.583
8/11/12 5:40	38.244	38.127	33.337	8/11/12 5:40	37.902	21.766	34.454	36.061	27.291	29.807	36.583
8/11/12 6:00	38.241	38.125	33.332	8/11/12 6:00	37.897	21.764	34.452	36.057	27.287	29.800	36.581
8/11/12 6:20	38.246	38.127	33.337	8/11/12 6:20	37.902	21.773	34.454	36.061	27.289	29.805	36.583
8/11/12 6:40	38.255	38.139	33.342	8/11/12 6:40	37.916	21.782	34.461	36.071	27.298	29.814	36.586
8/11/12 7:00	38.258	38.141	33.346	8/11/12 7:00	37.918	21.784	34.466	36.075	27.303	29.817	36.590
8/11/12 7:20	38.279	38.163	33.424	8/11/12 7:20	37.918	21.789	34.510	36.073	27.319	29.842	36.600
8/11/12 7:40	38.269	38.151	33.377	8/11/12 7:40	37.911	21.780	34.487	36.068	27.308	29.828	36.609
8/11/12 8:00	38.265	38.149	33.363	8/11/12 8:00	37.911	21.780	34.475	36.066	27.303	29.821	36.607
8/11/12 8:20	38.262	38.146	33.353	8/11/12 8:20	37.909	21.777	34.471	36.066	27.301	29.817	36.602
8/11/12 8:40	38.262	38.144	33.349	8/11/12 8:40	37.907	21.780	34.468	36.066	27.298	29.814	36.600
8/11/12 9:00	38.260	38.141	33.344	8/11/12 9:00	37.900	21.773	34.464	36.059	27.294	29.812	36.597
8/11/12 9:20	38.253	38.137	33.339	8/11/12 9:20	37.895	21.768	34.457	36.054	27.287	29.805	36.593
8/11/12 9:40	38.251	38.134	33.332	8/11/12 9:40	37.888	21.759	34.450	36.047	27.280	29.798	36.588
8/11/12 10:00	38.246	38.130	33.332	8/11/12 10:00	37.886	21.759	34.447	36.047	27.277	29.793	36.586
8/11/12 10:20	38.244	38.127	33.325	8/11/12 10:20	37.888	21.754	34.447	36.047	27.275	29.793	36.583
8/11/12 10:40	38.241	38.127	33.328	8/11/12 10:40	37.890	21.763	34.445	36.050	27.275	29.793	36.581
8/11/12 11:00	38.279	38.214	33.325	8/11/12 11:00	37.888	21.759	34.443	36.050	27.273	29.793	36.579
8/11/12 11:20	38.244	38.130	33.318	8/11/12 11:20	37.879	21.759	34.438	36.043	27.266	29.786	36.574
8/11/12 11:40	38.251	38.137	33.384	8/11/12 11:40	37.867	21.740	34.473	36.031	27.273	29.798	36.579

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/11/12 12:00	38.269	38.191	33.335	8/11/12 12:00	37.860	21.740	34.445	36.026	27.259	29.784	36.583
8/11/12 12:20	38.281	38.188	33.318	8/11/12 12:20	37.851	21.724	34.433	36.022	27.247	29.770	36.576
8/11/12 12:40	38.239	38.128	33.304	8/11/12 12:40	37.839	21.715	34.419	36.010	27.235	29.761	36.572
8/11/12 13:00	38.269	38.165	33.412	8/11/12 13:00	37.827	21.705	34.466	36.001	27.242	29.770	36.565
8/11/12 13:20	38.302	38.263	33.325	8/11/12 13:20	37.820	21.705	34.429	35.996	27.228	29.756	36.574
8/11/12 13:40	38.440	38.445	33.302	8/11/12 13:40	37.811	21.689	34.415	35.991	27.212	29.742	36.565
8/11/12 14:00	38.426	38.382	33.292	8/11/12 14:00	37.802	21.677	34.406	35.987	27.203	29.733	36.562
8/11/12 14:20	38.318	38.268	33.283	8/11/12 14:20	37.793	21.673	34.399	35.977	27.196	29.726	36.562
8/11/12 14:40	38.267	38.170	33.269	8/11/12 14:40	37.783	21.668	34.389	35.970	27.184	29.714	36.555
8/11/12 15:00	38.377	38.371	33.262	8/11/12 15:00	37.779	21.659	34.380	35.965	27.177	29.707	36.548
8/11/12 15:20	38.323	38.293	33.255	8/11/12 15:20	37.776	21.666	34.373	35.965	27.170	29.700	36.541
8/11/12 15:40	38.281	38.188	33.252	8/11/12 15:40	37.772	21.652	34.371	35.961	27.165	29.693	36.539
8/11/12 16:00	38.344	38.277	33.243	8/11/12 16:00	37.762	21.640	34.359	35.949	27.156	29.686	36.532
8/11/12 16:20	38.447	38.464	33.389	8/11/12 16:20	37.758	21.635	34.373	35.949	27.149	29.676	36.525
8/11/12 16:40	38.454	38.492	33.281	8/11/12 16:40	37.753	21.631	34.389	35.949	27.158	29.693	36.539
8/11/12 17:00	38.325	38.247	33.260	8/11/12 17:00	37.753	21.633	34.371	35.951	27.151	29.686	36.548
8/11/12 17:20	38.395	38.371	33.248	8/11/12 17:20	37.753	21.628	34.373	35.954	27.147	29.681	36.548
8/11/12 17:40	38.388	38.354	33.250	8/11/12 17:40	37.751	21.621	34.371	35.951	27.144	29.679	36.548
8/11/12 18:00	38.307	38.198	33.243	8/11/12 18:00	37.751	21.624	34.366	35.949	27.142	29.676	36.546
8/11/12 18:20	38.300	38.214	33.241	8/11/12 18:20	37.753	21.619	34.357	35.949	27.137	29.674	36.548
8/11/12 18:40	38.283	38.184	33.236	8/11/12 18:40	37.755	21.619	34.357	35.949	27.137	29.672	36.541
8/11/12 19:00	38.272	38.174	33.231	8/11/12 19:00	37.755	21.619	34.350	35.947	27.130	29.667	36.534
8/11/12 19:20	38.230	38.111	33.224	8/11/12 19:20	37.755	21.614	34.343	35.944	27.125	29.662	36.527
8/11/12 19:40	38.216	38.097	33.222	8/11/12 19:40	37.762	21.624	34.340	35.951	27.128	29.660	36.518
8/11/12 20:00	38.227	38.109	33.363	8/11/12 20:00	37.765	21.614	34.394	35.951	27.144	29.674	36.511
8/11/12 20:20	38.218	38.102	33.257	8/11/12 20:20	37.776	21.626	34.364	35.961	27.144	29.679	36.520
8/11/12 20:40	38.218	38.097	33.236	8/11/12 20:40	37.786	21.638	34.354	35.968	27.142	29.676	36.516
8/11/12 21:00	38.209	38.090	33.224	8/11/12 21:00	37.783	21.633	34.345	35.965	27.137	29.667	36.506
8/11/12 21:20	38.213	38.095	33.403	8/11/12 21:20	37.790	21.633	34.364	35.970	27.137	29.667	36.504
8/11/12 21:40	38.223	38.106	33.264	8/11/12 21:40	37.793	21.631	34.368	35.972	27.147	29.683	36.513
8/11/12 22:00	38.218	38.102	33.243	8/11/12 22:00	37.807	21.649	34.359	35.984	27.151	29.679	36.513
8/11/12 22:20	38.218	38.100	33.238	8/11/12 22:20	37.820	21.656	34.359	35.994	27.156	29.683	36.511
8/11/12 22:40	38.211	38.092	33.229	8/11/12 22:40	37.814	21.647	34.347	35.989	27.149	29.676	36.506
8/11/12 23:00	38.213	38.092	33.224	8/11/12 23:00	37.820	21.647	34.347	35.994	27.149	29.676	36.504

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/11/12 23:20	38.211	38.090	33.224	8/11/12 23:20	37.827	21.659	34.347	35.998	27.151	29.676	36.502
8/11/12 23:40	38.209	38.088	33.222	8/11/12 23:40	37.827	21.652	34.345	35.998	27.149	29.676	36.499
8/12/12 0:00	38.206	38.085	33.217	8/12/12 0:00	37.825	21.649	34.338	35.994	27.144	29.669	36.497
8/12/12 0:20	38.204	38.083	33.215	8/12/12 0:20	37.830	21.654	34.338	35.998	27.147	29.669	36.494
8/12/12 0:40	38.202	38.081	33.215	8/12/12 0:40	37.832	21.647	34.336	36.001	27.144	29.669	36.494
8/12/12 1:00	38.195	38.074	33.213	8/12/12 1:00	37.830	21.645	34.333	35.998	27.139	29.667	36.492
8/12/12 1:20	38.211	38.093	33.391	8/12/12 1:20	37.837	21.647	34.401	36.003	27.163	29.686	36.492
8/12/12 1:40	38.202	38.086	33.255	8/12/12 1:40	37.837	21.645	34.366	36.005	27.156	29.686	36.506
8/12/12 2:00	38.190	38.071	33.234	8/12/12 2:00	37.834	21.645	34.347	36.003	27.147	29.676	36.502
8/12/12 2:20	38.176	38.060	33.220	8/12/12 2:20	37.827	21.638	34.336	35.996	27.137	29.667	36.492
8/12/12 2:40	38.512	38.574	33.224	8/12/12 2:40	37.844	21.652	34.352	36.024	27.151	29.679	36.499
8/12/12 3:00	38.251	38.153	33.229	8/12/12 3:00	37.844	21.642	34.350	36.015	27.151	29.679	36.509
8/12/12 3:20	38.206	38.090	33.227	8/12/12 3:20	37.844	21.638	34.347	36.012	27.149	29.676	36.509
8/12/12 3:40	38.190	38.074	33.220	8/12/12 3:40	37.841	21.640	34.338	36.010	27.144	29.672	36.504
8/12/12 4:00	38.183	38.064	33.217	8/12/12 4:00	37.851	21.640	34.338	36.015	27.147	29.674	36.499
8/12/12 4:20	38.174	38.055	33.213	8/12/12 4:20	37.844	21.638	34.331	36.010	27.139	29.667	36.492
8/12/12 4:40	38.169	38.050	33.208	8/12/12 4:40	37.844	21.633	34.326	36.008	27.137	29.662	36.487
8/12/12 5:00	38.160	38.041	33.203	8/12/12 5:00	37.837	21.621	34.319	36.001	27.130	29.658	36.480
8/12/12 5:20	38.153	38.036	33.196	8/12/12 5:20	37.832	21.619	34.315	35.996	27.123	29.648	36.476
8/12/12 5:40	38.150	38.034	33.191	8/12/12 5:40	37.832	21.617	34.312	35.996	27.121	29.646	36.471
8/12/12 6:00	38.146	38.029	33.189	8/12/12 6:00	37.832	21.619	34.310	35.998	27.118	29.646	36.469
8/12/12 6:20	38.148	38.029	33.191	8/12/12 6:20	37.839	21.624	34.310	36.005	27.123	29.648	36.466
8/12/12 6:40	38.150	38.032	33.191	8/12/12 6:40	37.846	21.631	34.312	36.010	27.128	29.651	36.469
8/12/12 7:00	38.150	38.034	33.196	8/12/12 7:00	37.855	21.640	34.317	36.015	27.132	29.655	36.469
8/12/12 7:20	38.167	38.048	33.203	8/12/12 7:20	37.867	21.649	34.324	36.026	27.142	29.665	36.471
8/12/12 7:40	38.169	38.050	33.206	8/12/12 7:40	37.872	21.652	34.329	36.031	27.147	29.669	36.476
8/12/12 8:00	38.171	38.053	33.210	8/12/12 8:00	37.881	21.654	34.331	36.036	27.151	29.672	36.480
8/12/12 8:20	38.176	38.055	33.215	8/12/12 8:20	37.883	21.659	34.336	36.040	27.156	29.676	36.483
8/12/12 8:40	38.190	38.071	33.220	8/12/12 8:40	37.890	21.663	34.340	36.045	27.163	29.681	36.487
8/12/12 9:00	38.523	38.586	33.231	8/12/12 9:00	37.902	21.680	34.359	36.066	27.175	29.690	36.497
8/12/12 9:20	38.493	38.543	33.248	8/12/12 9:20	37.907	21.682	34.378	36.075	27.182	29.704	36.523
8/12/12 9:40	38.370	38.249	33.264	8/12/12 9:40	37.914	21.684	34.389	36.075	27.193	29.716	36.548
8/12/12 10:00	38.563	38.637	33.332	8/12/12 10:00	37.911	21.684	34.438	36.082	27.212	29.742	36.576
8/12/12 10:20	38.761	38.880	33.320	8/12/12 10:20	37.925	21.694	34.447	36.101	27.221	29.751	36.600

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/12/12 10:40	38.862	38.988	33.330	8/12/12 10:40	37.930	21.689	34.459	36.110	27.231	29.761	36.628
8/12/12 11:00	38.873	38.999	33.534	8/12/12 11:00	37.930	21.691	34.499	36.113	27.240	29.772	36.651
8/12/12 11:20	38.866	38.981	33.398	8/12/12 11:20	37.930	21.694	34.513	36.113	27.256	29.796	36.686
8/12/12 11:40	38.899	39.004	33.386	8/12/12 11:40	37.928	21.691	34.513	36.113	27.256	29.798	36.710
8/12/12 12:00	38.920	39.039	33.452	8/12/12 12:00	37.923	21.694	34.550	36.115	27.275	29.819	36.726
8/12/12 12:20	38.946	39.093	33.421	8/12/12 12:20	37.925	21.691	34.541	36.117	27.270	29.817	36.742
8/12/12 12:40	38.873	38.894	33.412	8/12/12 12:40	37.918	21.684	34.538	36.113	27.268	29.814	36.745
8/12/12 13:00	38.859	38.943	33.405	8/12/12 13:00	37.911	21.677	34.531	36.108	27.266	29.812	36.749
8/12/12 13:20	38.841	38.899	33.403	8/12/12 13:20	37.907	21.673	34.527	36.103	27.263	29.810	36.747
8/12/12 13:40	38.911	39.016	33.400	8/12/12 13:40	37.902	21.666	34.529	36.101	27.261	29.810	36.747
8/12/12 14:00	38.904	39.025	33.400	8/12/12 14:00	37.897	21.663	34.529	36.099	27.259	29.807	36.747
8/12/12 14:20	38.939	39.081	33.403	8/12/12 14:20	37.897	21.668	34.529	36.101	27.261	29.812	36.754
8/12/12 14:40	38.964	39.069	33.407	8/12/12 14:40	37.895	21.666	34.536	36.101	27.263	29.812	36.754
8/12/12 15:00	38.908	39.032	33.410	8/12/12 15:00	37.895	21.666	34.541	36.103	27.268	29.817	36.756
8/12/12 15:20	38.904	38.978	33.414	8/12/12 15:20	37.895	21.661	34.541	36.099	27.268	29.819	36.761
8/12/12 15:40	38.862	38.934	33.412	8/12/12 15:40	37.890	21.666	34.543	36.099	27.268	29.819	36.761
8/12/12 16:00	38.883	38.976	33.546	8/12/12 16:00	37.886	21.659	34.594	36.096	27.284	29.835	36.763
8/12/12 16:20	38.850	38.948	33.447	8/12/12 16:20	37.879	21.649	34.564	36.092	27.275	29.833	36.777
8/12/12 16:40	38.659	38.595	33.431	8/12/12 16:40	37.879	21.647	34.559	36.087	27.270	29.828	36.777
8/12/12 17:00	38.934	39.027	33.424	8/12/12 17:00	37.881	21.649	34.552	36.092	27.273	29.826	36.770
8/12/12 17:20	38.768	38.826	33.421	8/12/12 17:20	37.879	21.649	34.552	36.094	27.273	29.826	36.768
8/12/12 17:40	38.939	39.076	33.419	8/12/12 17:40	37.876	21.647	34.548	36.092	27.270	29.824	36.761
8/12/12 18:00	38.841	38.957	33.417	8/12/12 18:00	37.876	21.645	34.545	36.092	27.273	29.824	36.761
8/12/12 18:20	38.913	39.020	33.414	8/12/12 18:20	37.879	21.652	34.545	36.092	27.273	29.824	36.759
8/12/12 18:40	38.864	38.929	33.414	8/12/12 18:40	37.874	21.645	34.545	36.092	27.273	29.826	36.756
8/12/12 19:00	38.922	39.009	33.421	8/12/12 19:00	37.876	21.649	34.552	36.092	27.277	29.828	36.759
8/12/12 19:20	38.757	38.672	33.546	8/12/12 19:20	37.881	21.652	34.620	36.094	27.308	29.866	36.777
8/12/12 19:40	38.801	38.784	33.475	8/12/12 19:40	37.890	21.661	34.592	36.101	27.305	29.863	36.796
8/12/12 20:00	38.743	38.665	33.464	8/12/12 20:00	37.900	21.670	34.587	36.106	27.310	29.863	36.794
8/12/12 20:20	38.633	38.536	33.459	8/12/12 20:20	37.911	21.680	34.587	36.117	27.317	29.868	36.789
8/12/12 20:40	38.554	38.443	33.454	8/12/12 20:40	37.916	21.684	34.578	36.113	27.319	29.868	36.780
8/12/12 21:00	38.498	38.380	33.445	8/12/12 21:00	37.925	21.691	34.571	36.117	27.322	29.870	36.766
8/12/12 21:20	38.472	38.354	33.442	8/12/12 21:20	37.939	21.698	34.569	36.127	27.331	29.873	36.749
8/12/12 21:40	38.458	38.340	33.435	8/12/12 21:40	37.946	21.712	34.562	36.129	27.336	29.875	36.735

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/12/12 22:00	38.484	38.361	33.435	8/12/12 22:00	37.956	21.715	34.564	36.136	27.343	29.877	36.724
8/12/12 22:20	38.475	38.354	33.435	8/12/12 22:20	37.958	21.717	34.562	36.136	27.345	29.880	36.717
8/12/12 22:40	38.461	38.338	33.431	8/12/12 22:40	37.960	21.722	34.559	36.136	27.345	29.880	36.714
8/12/12 23:00	38.447	38.328	33.431	8/12/12 23:00	37.965	21.722	34.557	36.138	27.345	29.880	36.710
8/12/12 23:20	38.514	38.387	33.426	8/12/12 23:20	37.965	21.724	34.555	36.136	27.347	29.880	36.705
8/12/12 23:40	38.447	38.328	33.428	8/12/12 23:40	37.970	21.726	34.557	36.141	27.350	29.880	36.700
8/13/12 0:00	38.670	38.681	33.541	8/13/12 0:00	37.974	21.733	34.615	36.150	27.373	29.906	36.705
8/13/12 0:20	38.463	38.347	33.468	8/13/12 0:20	37.974	21.733	34.587	36.148	27.368	29.903	36.721
8/13/12 0:40	38.477	38.413	33.454	8/13/12 0:40	37.979	21.743	34.578	36.150	27.368	29.901	36.719
8/13/12 1:00	38.426	38.307	33.450	8/13/12 1:00	37.984	21.747	34.573	36.152	27.371	29.901	36.712
8/13/12 1:20	38.444	38.347	33.442	8/13/12 1:20	37.986	21.747	34.571	36.155	27.373	29.901	36.705
8/13/12 1:40	38.416	38.300	33.442	8/13/12 1:40	37.986	21.754	34.569	36.155	27.373	29.901	36.700
8/13/12 2:00	38.407	38.289	33.440	8/13/12 2:00	37.988	21.754	34.566	36.157	27.376	29.903	36.700
8/13/12 2:20	38.398	38.279	33.435	8/13/12 2:20	37.986	21.747	34.562	36.150	27.373	29.898	36.693
8/13/12 2:40	38.391	38.272	33.433	8/13/12 2:40	37.984	21.747	34.559	36.148	27.371	29.896	36.686
8/13/12 3:00	38.391	38.270	33.433	8/13/12 3:00	37.991	21.754	34.559	36.152	27.376	29.898	36.686
8/13/12 3:20	38.388	38.268	33.433	8/13/12 3:20	37.991	21.761	34.557	36.152	27.378	29.901	36.684
8/13/12 3:40	38.384	38.268	33.433	8/13/12 3:40	37.991	21.761	34.559	36.152	27.378	29.901	36.682
8/13/12 4:00	38.388	38.270	33.438	8/13/12 4:00	38.000	21.773	34.559	36.159	27.387	29.908	36.684
8/13/12 4:20	38.388	38.270	33.442	8/13/12 4:20	38.007	21.784	34.569	36.166	27.394	29.915	36.686
8/13/12 4:40	38.391	38.272	33.445	8/13/12 4:40	38.009	21.777	34.569	36.166	27.399	29.920	36.689
8/13/12 5:00	38.391	38.270	33.445	8/13/12 5:00	38.007	21.780	34.571	36.164	27.397	29.915	36.689
8/13/12 5:20	38.391	38.272	33.445	8/13/12 5:20	38.002	21.780	34.569	36.162	27.397	29.917	36.691
8/13/12 5:40	38.395	38.275	33.450	8/13/12 5:40	38.009	21.782	34.573	36.164	27.401	29.920	36.691
8/13/12 6:00	38.393	38.275	33.447	8/13/12 6:00	38.004	21.784	34.571	36.159	27.401	29.920	36.693
8/13/12 6:20	38.398	38.277	33.452	8/13/12 6:20	38.009	21.789	34.576	36.164	27.406	29.924	36.696
8/13/12 6:40	38.400	38.282	33.457	8/13/12 6:40	38.014	21.798	34.583	36.169	27.413	29.931	36.703
8/13/12 7:00	38.402	38.284	33.464	8/13/12 7:00	38.018	21.805	34.585	36.171	27.418	29.936	36.705
8/13/12 7:20	38.405	38.284	33.466	8/13/12 7:20	38.016	21.803	34.590	36.169	27.420	29.938	36.707
8/13/12 7:40	38.407	38.289	33.468	8/13/12 7:40	38.018	21.812	34.592	36.171	27.425	29.941	36.710
8/13/12 8:00	38.430	38.312	33.529	8/13/12 8:00	38.018	21.812	34.629	36.171	27.443	29.964	36.726
8/13/12 8:20	38.428	38.310	33.501	8/13/12 8:20	38.018	21.812	34.617	36.171	27.439	29.962	36.733
8/13/12 8:40	38.423	38.305	33.494	8/13/12 8:40	38.014	21.803	34.611	36.169	27.436	29.957	36.733
8/13/12 9:00	38.426	38.307	33.492	8/13/12 9:00	38.018	21.815	34.611	36.171	27.439	29.957	36.733

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/13/12 9:20	38.549	38.522	33.487	8/13/12 9:20	38.007	21.810	34.608	36.164	27.434	29.957	36.733
8/13/12 9:40	38.600	38.588	33.492	8/13/12 9:40	38.002	21.808	34.615	36.169	27.439	29.955	36.738
8/13/12 10:00	38.754	38.801	33.496	8/13/12 10:00	37.995	21.803	34.622	36.164	27.434	29.957	36.749
8/13/12 10:20	38.551	38.429	33.607	8/13/12 10:20	38.000	21.810	34.678	36.162	27.457	29.983	36.770
8/13/12 10:40	38.547	38.441	33.541	8/13/12 10:40	37.993	21.803	34.655	36.162	27.453	29.980	36.787
8/13/12 11:00	38.507	38.394	33.532	8/13/12 11:00	37.997	21.805	34.648	36.162	27.455	29.978	36.792
8/13/12 11:20	38.489	38.378	33.520	8/13/12 11:20	37.986	21.801	34.636	36.152	27.448	29.973	36.785
8/13/12 11:40	38.591	38.560	33.508	8/13/12 11:40	37.979	21.794	34.629	36.143	27.439	29.962	36.773
8/13/12 12:00	38.463	38.347	33.501	8/13/12 12:00	37.972	21.794	34.620	36.136	27.432	29.957	36.763
8/13/12 12:20	38.442	38.326	33.494	8/13/12 12:20	37.963	21.791	34.613	36.129	27.427	29.952	36.756
8/13/12 12:40	38.652	38.653	33.579	8/13/12 12:40	37.951	21.775	34.650	36.120	27.434	29.962	36.749
8/13/12 13:00	38.475	38.371	33.508	8/13/12 13:00	37.937	21.766	34.617	36.108	27.418	29.948	36.752
8/13/12 13:20	38.440	38.324	33.487	8/13/12 13:20	37.930	21.766	34.604	36.101	27.406	29.936	36.745
8/13/12 13:40	38.407	38.289	33.471	8/13/12 13:40	37.921	21.756	34.587	36.092	27.394	29.924	36.735
8/13/12 14:00	38.379	38.263	33.454	8/13/12 14:00	37.907	21.738	34.573	36.080	27.383	29.910	36.717
8/13/12 14:20	38.367	38.251	33.438	8/13/12 14:20	37.895	21.738	34.557	36.071	27.368	29.896	36.703
8/13/12 14:40	38.363	38.263	33.428	8/13/12 14:40	37.888	21.729	34.545	36.064	27.359	29.887	36.689
8/13/12 15:00	38.332	38.216	33.419	8/13/12 15:00	37.883	21.726	34.538	36.061	27.352	29.880	36.675
8/13/12 15:20	38.318	38.200	33.405	8/13/12 15:20	37.872	21.717	34.522	36.050	27.340	29.868	36.661
8/13/12 15:40	38.311	38.193	33.630	8/13/12 15:40	37.869	21.722	34.559	36.047	27.340	29.863	36.651
8/13/12 16:00	38.337	38.228	33.431	8/13/12 16:00	37.860	21.715	34.536	36.040	27.338	29.868	36.656
8/13/12 16:20	38.304	38.191	33.403	8/13/12 16:20	37.858	21.710	34.517	36.038	27.329	29.856	36.649
8/13/12 16:40	38.316	38.228	33.384	8/13/12 16:40	37.846	21.698	34.501	36.026	27.315	29.840	36.635
8/13/12 17:00	38.451	38.427	33.372	8/13/12 17:00	37.841	21.694	34.492	36.024	27.305	29.833	36.625
8/13/12 17:20	38.386	38.284	33.365	8/13/12 17:20	37.837	21.689	34.482	36.019	27.298	29.824	36.618
8/13/12 17:40	38.537	38.593	33.414	8/13/12 17:40	37.830	21.680	34.517	36.019	27.308	29.840	36.625
8/13/12 18:00	38.307	38.193	33.381	8/13/12 18:00	37.827	21.682	34.496	36.012	27.296	29.828	36.632
8/13/12 18:20	38.309	38.195	33.365	8/13/12 18:20	37.825	21.680	34.485	36.010	27.289	29.819	36.623
8/13/12 18:40	38.304	38.191	33.356	8/13/12 18:40	37.823	21.677	34.475	36.008	27.284	29.812	36.616
8/13/12 19:00	38.295	38.177	33.351	8/13/12 19:00	37.820	21.670	34.471	36.008	27.280	29.807	36.611
8/13/12 19:20	38.293	38.172	33.346	8/13/12 19:20	37.827	21.684	34.468	36.010	27.282	29.805	36.607
8/13/12 19:40	38.283	38.163	33.344	8/13/12 19:40	37.832	21.687	34.464	36.012	27.280	29.805	36.602
8/13/12 20:00	38.276	38.156	33.342	8/13/12 20:00	37.834	21.687	34.464	36.017	27.280	29.805	36.597
8/13/12 20:20	38.276	38.156	33.342	8/13/12 20:20	37.839	21.689	34.461	36.019	27.282	29.803	36.595

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/13/12 20:40	38.276	38.158	33.339	8/13/12 20:40	37.846	21.694	34.461	36.024	27.284	29.805	36.593
8/13/12 21:00	38.295	38.177	33.405	8/13/12 21:00	37.851	21.701	34.499	36.029	27.301	29.831	36.604
8/13/12 21:20	38.288	38.167	33.370	8/13/12 21:20	37.860	21.705	34.485	36.036	27.301	29.824	36.611
8/13/12 21:40	38.286	38.167	33.363	8/13/12 21:40	37.869	21.710	34.480	36.043	27.301	29.824	36.609
8/13/12 22:00	38.286	38.165	33.358	8/13/12 22:00	37.869	21.710	34.475	36.043	27.298	29.821	36.607
8/13/12 22:20	38.281	38.160	33.353	8/13/12 22:20	37.869	21.708	34.473	36.040	27.294	29.817	36.602
8/13/12 22:40	38.279	38.160	33.346	8/13/12 22:40	37.865	21.701	34.464	36.036	27.289	29.812	36.600
8/13/12 23:00	38.279	38.158	33.346	8/13/12 23:00	37.869	21.708	34.466	36.040	27.289	29.810	36.597
8/13/12 23:20	38.286	38.165	33.351	8/13/12 23:20	37.886	21.719	34.473	36.054	27.301	29.819	36.600
8/13/12 23:40	38.293	38.172	33.360	8/13/12 23:40	37.904	21.738	34.482	36.071	27.315	29.831	36.604
8/14/12 0:00	38.293	38.172	33.365	8/14/12 0:00	37.911	21.740	34.487	36.075	27.319	29.835	36.609
8/14/12 0:20	38.290	38.170	33.365	8/14/12 0:20	37.914	21.745	34.487	36.075	27.319	29.835	36.609
8/14/12 0:40	38.283	38.163	33.358	8/14/12 0:40	37.907	21.736	34.480	36.068	27.312	29.833	36.607
8/14/12 1:00	38.276	38.158	33.351	8/14/12 1:00	37.895	21.722	34.471	36.059	27.303	29.821	36.602
8/14/12 1:20	38.295	38.177	33.419	8/14/12 1:20	37.895	21.722	34.513	36.059	27.319	29.845	36.614
8/14/12 1:40	38.279	38.163	33.377	8/14/12 1:40	37.886	21.712	34.487	36.052	27.303	29.828	36.614
8/14/12 2:00	38.274	38.156	33.360	8/14/12 2:00	37.888	21.717	34.480	36.052	27.301	29.821	36.609
8/14/12 2:20	38.262	38.144	33.349	8/14/12 2:20	37.879	21.705	34.466	36.045	27.289	29.812	36.600
8/14/12 2:40	38.255	38.137	33.337	8/14/12 2:40	37.872	21.703	34.459	36.040	27.282	29.803	36.590
8/14/12 3:00	38.258	38.137	33.339	8/14/12 3:00	37.890	21.722	34.461	36.052	27.291	29.807	36.590
8/14/12 3:20	38.239	38.120	33.323	8/14/12 3:20	37.858	21.687	34.440	36.026	27.266	29.789	36.576
8/14/12 3:40	38.227	38.106	33.306	8/14/12 3:40	37.839	21.670	34.424	36.010	27.247	29.770	36.565
8/14/12 4:00	38.234	38.109	33.313	8/14/12 4:00	37.862	21.694	34.433	36.031	27.263	29.784	36.567
8/14/12 4:20	38.239	38.111	33.323	8/14/12 4:20	37.888	21.717	34.447	36.052	27.280	29.798	36.572
8/14/12 4:40	38.232	38.114	33.318	8/14/12 4:40	37.881	21.708	34.440	36.047	27.275	29.793	36.567
8/14/12 5:00	38.239	38.113	33.325	8/14/12 5:00	37.895	21.722	34.447	36.059	27.284	29.800	36.569
8/14/12 5:20	38.241	38.107	33.332	8/14/12 5:20	37.916	21.745	34.457	36.073	27.298	29.812	36.572
8/14/12 5:40	38.244	38.118	33.337	8/14/12 5:40	37.925	21.749	34.461	36.082	27.305	29.817	36.576
8/14/12 6:00	38.232	38.111	33.323	8/14/12 6:00	37.900	21.722	34.443	36.059	27.282	29.798	36.565
8/14/12 6:20	38.241	38.114	33.320	8/14/12 6:20	37.902	21.726	34.440	36.061	27.282	29.796	36.562
8/14/12 6:40	38.246	38.116	33.320	8/14/12 6:40	37.911	21.736	34.445	36.068	27.287	29.798	36.562
8/14/12 7:00	38.234	38.111	33.316	8/14/12 7:00	37.911	21.736	34.440	36.068	27.284	29.798	36.555
8/14/12 7:20	38.232	38.107	33.316	8/14/12 7:20	37.914	21.733	34.438	36.071	27.284	29.798	36.553
8/14/12 7:40	38.220	38.104	33.311	8/14/12 7:40	37.902	21.724	34.429	36.061	27.275	29.789	36.548

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/14/12 8:00	38.218	38.102	33.306	8/14/12 8:00	37.900	21.717	34.429	36.059	27.270	29.786	36.546
8/14/12 8:20	38.258	38.139	33.297	8/14/12 8:20	37.883	21.703	34.417	36.047	27.259	29.772	36.541
8/14/12 8:40	38.223	38.109	33.297	8/14/12 8:40	37.886	21.701	34.417	36.047	27.259	29.772	36.544
8/14/12 9:00	38.220	38.109	33.302	8/14/12 9:00	37.888	21.708	34.422	36.050	27.261	29.777	36.548
8/14/12 9:20	38.213	38.106	33.292	8/14/12 9:20	37.872	21.691	34.412	36.038	27.247	29.765	36.546
8/14/12 9:40	38.218	38.109	33.295	8/14/12 9:40	37.869	21.684	34.412	36.038	27.247	29.765	36.548
8/14/12 10:00	38.232	38.121	33.391	8/14/12 10:00	37.862	21.684	34.457	36.040	27.256	29.777	36.551
8/14/12 10:20	38.272	38.184	33.323	8/14/12 10:20	37.872	21.689	34.436	36.047	27.254	29.775	36.565
8/14/12 10:40	38.342	38.258	33.311	8/14/12 10:40	37.872	21.691	34.429	36.047	27.252	29.772	36.565
8/14/12 11:00	38.274	38.205	33.302	8/14/12 11:00	37.858	21.677	34.422	36.050	27.240	29.763	36.562
8/14/12 11:20	38.318	38.251	33.304	8/14/12 11:20	37.862	21.677	34.429	36.054	27.242	29.765	36.569
8/14/12 11:40	38.297	38.202	33.309	8/14/12 11:40	37.869	21.691	34.431	36.054	27.252	29.772	36.579
8/14/12 12:00	38.381	38.354	33.311	8/14/12 12:00	37.872	21.689	34.438	36.061	27.254	29.775	36.583
8/14/12 12:20	38.530	38.499	33.515	8/14/12 12:20	37.867	21.680	34.499	36.061	27.263	29.782	36.590
8/14/12 12:40	38.395	38.326	33.360	8/14/12 12:40	37.865	21.682	34.471	36.064	27.263	29.793	36.614
8/14/12 13:00	38.468	38.443	33.344	8/14/12 13:00	37.862	21.675	34.464	36.061	27.259	29.789	36.618
8/14/12 13:20	38.523	38.576	33.335	8/14/12 13:20	37.855	21.668	34.459	36.064	27.249	29.782	36.618
8/14/12 13:40	38.519	38.525	33.335	8/14/12 13:40	37.848	21.666	34.457	36.061	27.247	29.777	36.623
8/14/12 14:00	38.612	38.642	33.332	8/14/12 14:00	37.846	21.661	34.452	36.057	27.245	29.777	36.628
8/14/12 14:20	38.540	38.497	33.328	8/14/12 14:20	37.837	21.652	34.450	36.054	27.235	29.770	36.628
8/14/12 14:40	38.537	38.508	33.325	8/14/12 14:40	37.830	21.647	34.445	36.052	27.231	29.765	36.625
8/14/12 15:00	38.535	38.522	33.318	8/14/12 15:00	37.823	21.642	34.443	36.050	27.226	29.761	36.623
8/14/12 15:20	38.523	38.504	33.313	8/14/12 15:20	37.814	21.631	34.438	36.045	27.217	29.754	36.621
8/14/12 15:40	38.486	38.469	33.386	8/14/12 15:40	37.807	21.624	34.480	36.043	27.231	29.775	36.637
8/14/12 16:00	38.470	38.394	33.339	8/14/12 16:00	37.802	21.617	34.450	36.036	27.214	29.758	36.637
8/14/12 16:20	38.365	38.307	33.320	8/14/12 16:20	37.800	21.619	34.436	36.031	27.207	29.747	36.621
8/14/12 16:40	38.370	38.308	33.304	8/14/12 16:40	37.800	21.621	34.424	36.029	27.200	29.740	36.602
8/14/12 17:00	38.500	38.520	33.292	8/14/12 17:00	37.793	21.614	34.412	36.024	27.191	29.728	36.593
8/14/12 17:20	38.290	38.207	33.278	8/14/12 17:20	37.788	21.605	34.396	36.019	27.182	29.718	36.576
8/14/12 17:40	38.241	38.125	33.267	8/14/12 17:40	37.786	21.600	34.387	36.017	27.177	29.711	36.562
8/14/12 18:00	38.218	38.102	33.257	8/14/12 18:00	37.783	21.600	34.378	36.012	27.168	29.704	36.548
8/14/12 18:20	38.237	38.149	33.250	8/14/12 18:20	37.788	21.603	34.371	36.012	27.168	29.700	36.537
8/14/12 18:40	38.195	38.076	33.241	8/14/12 18:40	37.788	21.600	34.364	36.010	27.161	29.695	36.525
8/14/12 19:00	38.202	38.085	33.311	8/14/12 19:00	37.786	21.596	34.396	36.008	27.172	29.709	36.520

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/14/12 19:20	38.181	38.064	33.255	8/14/12 19:20	37.783	21.593	34.366	36.003	27.161	29.695	36.520
8/14/12 19:40	38.174	38.055	33.234	8/14/12 19:40	37.783	21.589	34.352	36.003	27.151	29.683	36.509
8/14/12 20:00	38.167	38.048	33.220	8/14/12 20:00	37.781	21.589	34.340	36.001	27.144	29.674	36.497
8/14/12 20:20	38.192	38.076	33.320	8/14/12 20:20	37.783	21.589	34.394	36.001	27.163	29.697	36.497
8/14/12 20:40	38.185	38.067	33.252	8/14/12 20:40	37.788	21.589	34.361	36.005	27.154	29.688	36.506
8/14/12 21:00	38.176	38.057	33.234	8/14/12 21:00	37.795	21.600	34.352	36.008	27.151	29.683	36.502
8/14/12 21:20	38.185	38.062	33.227	8/14/12 21:20	37.802	21.600	34.347	36.010	27.154	29.681	36.497
8/14/12 21:40	38.223	38.097	33.224	8/14/12 21:40	37.804	21.603	34.347	36.010	27.156	29.679	36.492
8/14/12 22:00	38.241	38.118	33.224	8/14/12 22:00	37.807	21.600	34.350	36.012	27.156	29.683	36.497
8/14/12 22:20	38.230	38.109	33.227	8/14/12 22:20	37.811	21.600	34.350	36.015	27.156	29.683	36.502
8/14/12 22:40	38.213	38.090	33.222	8/14/12 22:40	37.809	21.596	34.343	36.012	27.151	29.679	36.502
8/14/12 23:00	38.199	38.078	33.220	8/14/12 23:00	37.814	21.596	34.340	36.015	27.149	29.676	36.502
8/14/12 23:20	38.188	38.067	33.215	8/14/12 23:20	37.809	21.598	34.333	36.012	27.142	29.672	36.494
8/14/12 23:40	38.178	38.057	33.210	8/14/12 23:40	37.814	21.598	34.331	36.012	27.142	29.669	36.492
8/15/12 0:00	38.174	38.053	33.210	8/15/12 0:00	37.820	21.600	34.333	36.017	27.144	29.672	36.487
8/15/12 0:20	38.164	38.043	33.208	8/15/12 0:20	37.825	21.603	34.331	36.017	27.147	29.672	36.485
8/15/12 0:40	38.164	38.046	33.208	8/15/12 0:40	37.832	21.607	34.331	36.022	27.147	29.672	36.483
8/15/12 1:00	38.160	38.039	33.208	8/15/12 1:00	37.837	21.610	34.329	36.022	27.147	29.672	36.480
8/15/12 1:20	38.157	38.036	33.206	8/15/12 1:20	37.837	21.605	34.329	36.022	27.144	29.669	36.476
8/15/12 1:40	38.153	38.029	33.201	8/15/12 1:40	37.837	21.600	34.322	36.019	27.142	29.667	36.471
8/15/12 2:00	38.148	38.029	33.196	8/15/12 2:00	37.837	21.600	34.322	36.019	27.139	29.665	36.469
8/15/12 2:20	38.143	38.022	33.194	8/15/12 2:20	37.834	21.598	34.315	36.019	27.135	29.658	36.464
8/15/12 2:40	38.139	38.018	33.187	8/15/12 2:40	37.832	21.596	34.310	36.017	27.130	29.655	36.459
8/15/12 3:00	38.136	38.015	33.184	8/15/12 3:00	37.830	21.596	34.305	36.017	27.125	29.648	36.457
8/15/12 3:20	38.132	38.011	33.180	8/15/12 3:20	37.825	21.589	34.301	36.015	27.121	29.644	36.452
8/15/12 3:40	38.150	38.032	33.245	8/15/12 3:40	37.830	21.586	34.343	36.015	27.137	29.667	36.462
8/15/12 4:00	38.139	38.018	33.203	8/15/12 4:00	37.825	21.584	34.317	36.015	27.125	29.655	36.464
8/15/12 4:20	38.132	38.013	33.189	8/15/12 4:20	37.823	21.586	34.308	36.012	27.118	29.646	36.457
8/15/12 4:40	38.127	38.006	33.180	8/15/12 4:40	37.823	21.579	34.298	36.012	27.114	29.639	36.452
8/15/12 5:00	38.129	38.011	33.175	8/15/12 5:00	37.823	21.579	34.296	36.012	27.109	29.637	36.448
8/15/12 5:20	38.125	38.004	33.173	8/15/12 5:20	37.825	21.584	34.291	36.012	27.109	29.634	36.445
8/15/12 5:40	38.120	37.999	33.170	8/15/12 5:40	37.825	21.582	34.291	36.012	27.107	29.632	36.443
8/15/12 6:00	38.120	38.001	33.166	8/15/12 6:00	37.827	21.586	34.287	36.012	27.107	29.630	36.441
8/15/12 6:20	38.122	37.999	33.168	8/15/12 6:20	37.832	21.584	34.289	36.015	27.109	29.632	36.441

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/15/12 6:40	38.122	38.001	33.168	8/15/12 6:40	37.837	21.584	34.289	36.015	27.109	29.632	36.441
8/15/12 7:00	38.125	38.006	33.168	8/15/12 7:00	37.837	21.586	34.291	36.015	27.111	29.632	36.443
8/15/12 7:20	38.125	38.004	33.168	8/15/12 7:20	37.841	21.591	34.291	36.017	27.111	29.632	36.443
8/15/12 7:40	38.127	38.008	33.168	8/15/12 7:40	37.841	21.582	34.289	36.017	27.109	29.632	36.445
8/15/12 8:00	38.122	38.004	33.166	8/15/12 8:00	37.839	21.582	34.287	36.015	27.107	29.630	36.443
8/15/12 8:20	38.127	38.006	33.166	8/15/12 8:20	37.841	21.582	34.289	36.015	27.107	29.630	36.445
8/15/12 8:40	38.127	38.008	33.231	8/15/12 8:40	37.844	21.586	34.303	36.015	27.109	29.632	36.448
8/15/12 9:00	38.148	38.029	33.227	8/15/12 9:00	37.844	21.579	34.326	36.015	27.123	29.653	36.464
8/15/12 9:20	38.139	38.020	33.194	8/15/12 9:20	37.841	21.584	34.308	36.015	27.114	29.641	36.466
8/15/12 9:40	38.134	38.015	33.180	8/15/12 9:40	37.834	21.570	34.296	36.008	27.104	29.632	36.459
8/15/12 10:00	38.134	38.015	33.173	8/15/12 10:00	37.830	21.563	34.289	36.008	27.097	29.625	36.457
8/15/12 10:20	38.143	38.027	33.168	8/15/12 10:20	37.832	21.565	34.289	36.010	27.097	29.625	36.457
8/15/12 10:40	38.183	38.121	33.166	8/15/12 10:40	37.832	21.558	34.287	36.010	27.095	29.623	36.457
8/15/12 11:00	38.202	38.097	33.166	8/15/12 11:00	37.830	21.563	34.284	36.008	27.093	29.620	36.455
8/15/12 11:20	38.134	38.015	33.163	8/15/12 11:20	37.830	21.558	34.282	36.008	27.093	29.618	36.452
8/15/12 11:40	38.125	38.004	33.154	8/15/12 11:40	37.823	21.556	34.275	36.003	27.083	29.611	36.448
8/15/12 12:00	38.118	37.999	33.149	8/15/12 12:00	37.818	21.544	34.268	36.001	27.076	29.604	36.445
8/15/12 12:20	38.141	38.053	33.145	8/15/12 12:20	37.818	21.542	34.263	36.001	27.076	29.602	36.438
8/15/12 12:40	38.108	37.992	33.140	8/15/12 12:40	37.811	21.537	34.256	35.996	27.067	29.597	36.436
8/15/12 13:00	38.162	38.034	33.133	8/15/12 13:00	37.807	21.530	34.252	35.994	27.060	29.588	36.427
8/15/12 13:20	38.202	38.104	33.227	8/15/12 13:20	37.800	21.528	34.296	35.991	27.072	29.604	36.427
8/15/12 13:40	38.206	38.088	33.159	8/15/12 13:40	37.797	21.521	34.268	35.989	27.062	29.592	36.436
8/15/12 14:00	38.134	38.029	33.140	8/15/12 14:00	37.790	21.516	34.256	35.987	27.051	29.583	36.431
8/15/12 14:20	38.248	38.219	33.128	8/15/12 14:20	37.786	21.514	34.250	35.984	27.041	29.576	36.427
8/15/12 14:40	38.356	38.361	33.121	8/15/12 14:40	37.779	21.505	34.242	35.984	27.037	29.569	36.422
8/15/12 15:00	38.213	38.123	33.116	8/15/12 15:00	37.772	21.495	34.238	35.979	27.027	29.562	36.422
8/15/12 15:20	38.311	38.202	33.335	8/15/12 15:20	37.769	21.488	34.275	35.979	27.030	29.560	36.424
8/15/12 15:40	38.260	38.205	33.159	8/15/12 15:40	37.767	21.491	34.266	35.977	27.032	29.574	36.441
8/15/12 16:00	38.253	38.226	33.133	8/15/12 16:00	37.767	21.486	34.252	35.977	27.027	29.564	36.441
8/15/12 16:20	38.164	38.055	33.121	8/15/12 16:20	37.762	21.481	34.242	35.975	27.020	29.557	36.436
8/15/12 16:40	38.274	38.237	33.112	8/15/12 16:40	37.760	21.474	34.235	35.975	27.013	29.553	36.429
8/15/12 17:00	38.183	38.078	33.107	8/15/12 17:00	37.758	21.470	34.228	35.972	27.009	29.548	36.424
8/15/12 17:20	38.241	38.200	33.100	8/15/12 17:20	37.753	21.463	34.221	35.968	26.999	29.541	36.417
8/15/12 17:40	38.178	38.083	33.093	8/15/12 17:40	37.748	21.463	34.219	35.965	26.997	29.534	36.415

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/15/12 18:00	38.136	38.034	33.091	8/15/12 18:00	37.746	21.451	34.210	35.963	26.990	29.529	36.410
8/15/12 18:20	38.167	38.062	33.182	8/15/12 18:20	37.746	21.456	34.259	35.961	27.004	29.548	36.410
8/15/12 18:40	38.134	38.046	33.116	8/15/12 18:40	37.744	21.446	34.226	35.958	26.995	29.536	36.417
8/15/12 19:00	38.118	38.008	33.098	8/15/12 19:00	37.751	21.456	34.214	35.958	26.990	29.529	36.408
8/15/12 19:20	38.090	37.971	33.088	8/15/12 19:20	37.755	21.454	34.208	35.961	26.988	29.527	36.399
8/15/12 19:40	38.122	37.994	33.084	8/15/12 19:40	37.762	21.461	34.205	35.961	26.995	29.524	36.392
8/15/12 20:00	38.171	38.048	33.191	8/15/12 20:00	37.772	21.470	34.261	35.965	27.020	29.553	36.394
8/15/12 20:20	38.157	38.034	33.128	8/15/12 20:20	37.786	21.481	34.243	35.972	27.020	29.555	36.413
8/15/12 20:40	38.143	38.020	33.121	8/15/12 20:40	37.804	21.498	34.242	35.984	27.030	29.560	36.420
8/15/12 21:00	38.132	38.008	33.121	8/15/12 21:00	37.816	21.498	34.240	35.991	27.032	29.564	36.417
8/15/12 21:20	38.118	37.997	33.114	8/15/12 21:20	37.816	21.498	34.235	35.989	27.030	29.562	36.415
8/15/12 21:40	38.120	37.997	33.116	8/15/12 21:40	37.830	21.507	34.242	35.998	27.037	29.567	36.415
8/15/12 22:00	38.127	38.004	33.128	8/15/12 22:00	37.858	21.540	34.254	36.019	27.060	29.583	36.420
8/15/12 22:20	38.134	38.011	33.142	8/15/12 22:20	37.883	21.556	34.268	36.040	27.079	29.602	36.429
8/15/12 22:40	38.132	38.011	33.140	8/15/12 22:40	37.883	21.554	34.266	36.038	27.076	29.602	36.429
8/15/12 23:00	38.146	38.025	33.154	8/15/12 23:00	37.909	21.582	34.280	36.054	27.095	29.618	36.438
8/15/12 23:20	38.167	38.048	33.243	8/15/12 23:20	37.911	21.575	34.333	36.057	27.118	29.646	36.450
8/15/12 23:40	38.150	38.032	33.189	8/15/12 23:40	37.900	21.554	34.301	36.047	27.100	29.632	36.459
8/16/12 0:00	38.143	38.022	33.170	8/16/12 0:00	37.888	21.540	34.287	36.038	27.086	29.618	36.455
8/16/12 0:20	38.132	38.008	33.149	8/16/12 0:20	37.865	21.512	34.266	36.022	27.065	29.595	36.443
8/16/12 0:40	38.530	38.632	33.168	8/16/12 0:40	37.918	21.568	34.298	36.066	27.107	29.623	36.455
8/16/12 1:00	38.647	38.751	33.194	8/16/12 1:00	37.935	21.579	34.329	36.087	27.128	29.648	36.476
8/16/12 1:20	38.743	38.873	33.220	8/16/12 1:20	37.946	21.589	34.357	36.103	27.144	29.669	36.509
8/16/12 1:40	38.810	38.960	33.248	8/16/12 1:40	37.958	21.603	34.387	36.117	27.165	29.693	36.553
8/16/12 2:00	38.890	39.041	33.274	8/16/12 2:00	37.967	21.605	34.412	36.127	27.182	29.711	36.588
8/16/12 2:20	38.955	39.123	33.292	8/16/12 2:20	37.963	21.610	34.426	36.129	27.189	29.726	36.616
8/16/12 2:40	38.943	39.086	33.313	8/16/12 2:40	37.974	21.614	34.452	36.138	27.205	29.742	36.649
8/16/12 3:00	38.579	38.487	33.337	8/16/12 3:00	37.991	21.624	34.471	36.143	27.226	29.763	36.682
8/16/12 3:20	38.468	38.373	33.344	8/16/12 3:20	38.004	21.633	34.471	36.141	27.238	29.775	36.686
8/16/12 3:40	38.729	38.766	33.344	8/16/12 3:40	38.009	21.640	34.478	36.152	27.245	29.779	36.677
8/16/12 4:00	38.717	38.789	33.356	8/16/12 4:00	38.018	21.649	34.485	36.155	27.256	29.789	36.682
8/16/12 4:20	38.461	38.357	33.363	8/16/12 4:20	38.028	21.659	34.489	36.155	27.266	29.800	36.686
8/16/12 4:40	38.491	38.427	33.367	8/16/12 4:40	38.037	21.673	34.496	36.162	27.275	29.810	36.682
8/16/12 5:00	38.479	38.408	33.372	8/16/12 5:00	38.046	21.675	34.503	36.169	27.287	29.819	36.684

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/16/12 5:20	38.468	38.396	33.372	8/16/12 5:20	38.046	21.682	34.496	36.162	27.289	29.821	36.679
8/16/12 5:40	38.388	38.272	33.367	8/16/12 5:40	38.042	21.680	34.492	36.157	27.287	29.817	36.668
8/16/12 6:00	38.377	38.256	33.370	8/16/12 6:00	38.051	21.682	34.499	36.162	27.296	29.824	36.665
8/16/12 6:20	38.356	38.235	33.367	8/16/12 6:20	38.046	21.684	34.492	36.157	27.296	29.824	36.661
8/16/12 6:40	38.395	38.298	33.370	8/16/12 6:40	38.051	21.689	34.499	36.164	27.301	29.828	36.658
8/16/12 7:00	38.530	38.518	33.377	8/16/12 7:00	38.056	21.696	34.510	36.171	27.310	29.833	36.661
8/16/12 7:20	38.761	38.801	33.396	8/16/12 7:20	38.063	21.696	34.529	36.185	27.329	29.852	36.682
8/16/12 7:40	38.792	38.864	33.417	8/16/12 7:40	38.074	21.712	34.555	36.194	27.345	29.868	36.710
8/16/12 8:00	38.827	38.887	33.438	8/16/12 8:00	38.084	21.726	34.573	36.201	27.361	29.889	36.738
8/16/12 8:20	38.883	38.971	33.457	8/16/12 8:20	38.086	21.726	34.592	36.206	27.373	29.903	36.761
8/16/12 8:40	38.992	39.114	33.473	8/16/12 8:40	38.084	21.726	34.608	36.211	27.383	29.913	36.785
8/16/12 9:00	39.057	39.205	33.487	8/16/12 9:00	38.081	21.724	34.627	36.213	27.390	29.924	36.803
8/16/12 9:20	39.134	39.277	33.700	8/16/12 9:20	38.077	21.724	34.708	36.213	27.418	29.948	36.838
8/16/12 9:40	39.111	39.233	33.569	8/16/12 9:40	38.074	21.724	34.690	36.215	27.422	29.969	36.878
8/16/12 10:00	39.134	39.261	33.562	8/16/12 10:00	38.074	21.726	34.694	36.220	27.429	29.973	36.899
8/16/12 10:20	39.169	39.299	33.569	8/16/12 10:20	38.074	21.726	34.704	36.220	27.436	29.980	36.915
8/16/12 10:40	39.197	39.317	33.581	8/16/12 10:40	38.074	21.731	34.713	36.222	27.446	29.992	36.930
8/16/12 11:00	39.202	39.329	33.590	8/16/12 11:00	38.072	21.731	34.722	36.225	27.453	30.001	36.944
8/16/12 11:20	39.242	39.413	33.600	8/16/12 11:20	38.074	21.733	34.736	36.229	27.462	30.011	36.955
8/16/12 11:40	39.209	39.345	33.609	8/16/12 11:40	38.074	21.738	34.743	36.229	27.474	30.020	36.969
8/16/12 12:00	39.218	39.357	33.672	8/16/12 12:00	38.070	21.731	34.785	36.227	27.490	30.046	36.986
8/16/12 12:20	39.223	39.362	33.649	8/16/12 12:20	38.072	21.738	34.778	36.232	27.492	30.046	36.995
8/16/12 12:40	39.209	39.348	33.647	8/16/12 12:40	38.072	21.747	34.776	36.232	27.497	30.050	37.002
8/16/12 13:00	39.111	39.177	33.639	8/16/12 13:00	38.056	21.726	34.771	36.218	27.490	30.043	37.000
8/16/12 13:20	39.127	39.200	33.630	8/16/12 13:20	38.042	21.715	34.760	36.213	27.483	30.036	36.988
8/16/12 13:40	39.223	39.378	33.630	8/16/12 13:40	38.044	21.733	34.767	36.218	27.485	30.039	36.983
8/16/12 14:00	39.181	39.294	33.632	8/16/12 14:00	38.037	21.719	34.767	36.215	27.490	30.043	36.986
8/16/12 14:20	39.099	39.191	33.630	8/16/12 14:20	38.030	21.719	34.764	36.208	27.485	30.041	36.983
8/16/12 14:40	39.167	39.291	33.621	8/16/12 14:40	38.016	21.707	34.757	36.201	27.478	30.034	36.972
8/16/12 15:00	39.162	39.280	33.621	8/16/12 15:00	38.014	21.707	34.760	36.204	27.481	30.036	36.965
8/16/12 15:20	39.060	39.088	33.625	8/16/12 15:20	38.007	21.698	34.762	36.197	27.481	30.034	36.969
8/16/12 15:40	39.051	39.112	33.663	8/16/12 15:40	37.991	21.686	34.778	36.187	27.483	30.046	36.974
8/16/12 16:00	39.034	39.086	33.632	8/16/12 16:00	37.986	21.689	34.757	36.183	27.476	30.034	36.967
8/16/12 16:20	38.876	38.871	33.609	8/16/12 16:20	37.972	21.680	34.739	36.169	27.464	30.020	36.951

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/16/12 16:40	38.740	38.714	33.590	8/16/12 16:40	37.960	21.675	34.720	36.159	27.450	30.006	36.927
8/16/12 17:00	38.810	38.810	33.574	8/16/12 17:00	37.951	21.670	34.699	36.150	27.441	29.997	36.904
8/16/12 17:20	38.635	38.595	33.553	8/16/12 17:20	37.939	21.656	34.683	36.138	27.429	29.983	36.878
8/16/12 17:40	38.556	38.464	33.532	8/16/12 17:40	37.928	21.647	34.659	36.127	27.413	29.966	36.852
8/16/12 18:00	38.698	38.665	33.520	8/16/12 18:00	37.923	21.654	34.652	36.129	27.408	29.957	36.829
8/16/12 18:20	38.684	38.670	33.510	8/16/12 18:20	37.921	21.645	34.643	36.124	27.404	29.950	36.817
8/16/12 18:40	38.780	38.822	33.503	8/16/12 18:40	37.911	21.642	34.634	36.117	27.397	29.943	36.806
8/16/12 19:00	38.698	38.607	33.499	8/16/12 19:00	37.909	21.640	34.634	36.115	27.397	29.941	36.801
8/16/12 19:20	38.677	38.590	33.579	8/16/12 19:20	37.909	21.642	34.685	36.117	27.420	29.969	36.815
8/16/12 19:40	38.575	38.455	33.534	8/16/12 19:40	37.909	21.645	34.657	36.110	27.411	29.959	36.822
8/16/12 20:00	38.521	38.401	33.515	8/16/12 20:00	37.909	21.647	34.636	36.108	27.404	29.952	36.808
8/16/12 20:20	38.489	38.368	33.501	8/16/12 20:20	37.918	21.656	34.629	36.110	27.406	29.948	36.792
8/16/12 20:40	38.465	38.345	33.494	8/16/12 20:40	37.925	21.661	34.622	36.113	27.404	29.945	36.777
8/16/12 21:00	38.447	38.326	33.485	8/16/12 21:00	37.928	21.668	34.615	36.115	27.404	29.941	36.763
8/16/12 21:20	38.430	38.310	33.480	8/16/12 21:20	37.937	21.673	34.608	36.117	27.406	29.941	36.754
8/16/12 21:40	38.419	38.300	33.478	8/16/12 21:40	37.946	21.682	34.608	36.124	27.411	29.943	36.745
8/16/12 22:00	38.409	38.289	33.478	8/16/12 22:00	37.953	21.696	34.606	36.127	27.415	29.945	36.738
8/16/12 22:20	38.402	38.282	33.475	8/16/12 22:20	37.960	21.696	34.606	36.129	27.417	29.945	36.733
8/16/12 22:40	38.388	38.272	33.471	8/16/12 22:40	37.958	21.689	34.601	36.127	27.413	29.943	36.726
8/16/12 23:00	38.388	38.268	33.468	8/16/12 23:00	37.963	21.700	34.599	36.129	27.415	29.943	36.719
8/16/12 23:20	38.386	38.265	33.471	8/16/12 23:20	37.979	21.707	34.601	36.138	27.427	29.948	36.721
8/16/12 23:40	38.381	38.261	33.471	8/16/12 23:40	37.983	21.712	34.601	36.141	27.427	29.950	36.719
8/17/12 0:00	38.402	38.284	33.555	8/17/12 0:00	37.984	21.717	34.650	36.141	27.448	29.978	36.726
8/17/12 0:20	38.393	38.272	33.503	8/17/12 0:20	37.986	21.724	34.627	36.143	27.441	29.971	36.735
8/17/12 0:40	38.388	38.268	33.489	8/17/12 0:40	37.988	21.719	34.617	36.145	27.439	29.964	36.731
8/17/12 1:00	38.381	38.263	33.485	8/17/12 1:00	37.991	21.721	34.613	36.143	27.439	29.962	36.726
8/17/12 1:20	38.377	38.256	33.478	8/17/12 1:20	37.986	21.719	34.604	36.141	27.434	29.957	36.721
8/17/12 1:40	38.374	38.254	33.473	8/17/12 1:40	37.988	21.719	34.601	36.138	27.432	29.952	36.717
8/17/12 2:00	38.372	38.251	33.468	8/17/12 2:00	37.986	21.714	34.599	36.138	27.432	29.952	36.712
8/17/12 2:20	38.363	38.242	33.464	8/17/12 2:20	37.974	21.714	34.590	36.131	27.422	29.945	36.707
8/17/12 2:40	38.358	38.240	33.457	8/17/12 2:40	37.970	21.703	34.585	36.129	27.418	29.936	36.703
8/17/12 3:00	38.351	38.230	33.447	8/17/12 3:00	37.958	21.689	34.573	36.117	27.406	29.927	36.693
8/17/12 3:20	38.346	38.226	33.442	8/17/12 3:20	37.953	21.691	34.569	36.117	27.401	29.922	36.689
8/17/12 3:40	38.342	38.219	33.438	8/17/12 3:40	37.953	21.689	34.564	36.115	27.399	29.920	36.684

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/17/12 4:00	38.335	38.214	33.433	8/17/12 4:00	37.951	21.693	34.562	36.113	27.397	29.917	36.679
8/17/12 4:20	38.330	38.209	33.428	8/17/12 4:20	37.944	21.691	34.555	36.108	27.390	29.910	36.675
8/17/12 4:40	38.328	38.207	33.421	8/17/12 4:40	37.939	21.682	34.550	36.106	27.385	29.906	36.670
8/17/12 5:00	38.321	38.202	33.419	8/17/12 5:00	37.935	21.670	34.545	36.103	27.380	29.901	36.665
8/17/12 5:20	38.318	38.198	33.414	8/17/12 5:20	37.932	21.675	34.541	36.099	27.376	29.896	36.661
8/17/12 5:40	38.314	38.191	33.410	8/17/12 5:40	37.925	21.666	34.534	36.094	27.371	29.889	36.656
8/17/12 6:00	38.311	38.193	33.405	8/17/12 6:00	37.928	21.675	34.534	36.094	27.371	29.889	36.654
8/17/12 6:20	38.309	38.188	33.405	8/17/12 6:20	37.928	21.670	34.534	36.094	27.368	29.889	36.651
8/17/12 6:40	38.307	38.186	33.403	8/17/12 6:40	37.923	21.666	34.529	36.092	27.366	29.887	36.649
8/17/12 7:00	38.314	38.193	33.403	8/17/12 7:00	37.925	21.673	34.529	36.092	27.368	29.887	36.649
8/17/12 7:20	38.316	38.195	33.405	8/17/12 7:20	37.930	21.680	34.531	36.094	27.368	29.887	36.649
8/17/12 7:40	38.314	38.191	33.403	8/17/12 7:40	37.925	21.673	34.529	36.092	27.366	29.884	36.649
8/17/12 8:00	38.332	38.212	33.546	8/17/12 8:00	37.925	21.677	34.585	36.092	27.383	29.901	36.654
8/17/12 8:20	38.325	38.205	33.440	8/17/12 8:20	37.923	21.668	34.555	36.087	27.373	29.898	36.668
8/17/12 8:40	38.323	38.202	33.424	8/17/12 8:40	37.925	21.677	34.545	36.089	27.371	29.894	36.668
8/17/12 9:00	38.325	38.205	33.419	8/17/12 9:00	37.930	21.675	34.543	36.092	27.373	29.894	36.668
8/17/12 9:20	38.325	38.205	33.417	8/17/12 9:20	37.935	21.677	34.541	36.096	27.376	29.894	36.668
8/17/12 9:40	38.323	38.205	33.417	8/17/12 9:40	37.935	21.684	34.543	36.099	27.376	29.896	36.668
8/17/12 10:00	38.325	38.205	33.417	8/17/12 10:00	37.935	21.680	34.538	36.096	27.376	29.894	36.668
8/17/12 10:20	38.344	38.226	33.485	8/17/12 10:20	37.935	21.682	34.583	36.096	27.392	29.917	36.679
8/17/12 10:40	38.339	38.219	33.447	8/17/12 10:40	37.932	21.680	34.562	36.094	27.383	29.908	36.689
8/17/12 11:00	38.335	38.214	33.435	8/17/12 11:00	37.932	21.680	34.555	36.094	27.380	29.901	36.684
8/17/12 11:20	38.351	38.233	33.499	8/17/12 11:20	37.932	21.673	34.590	36.094	27.394	29.920	36.693
8/17/12 11:40	38.344	38.226	33.454	8/17/12 11:40	37.932	21.680	34.569	36.094	27.387	29.913	36.698
8/17/12 12:00	38.337	38.216	33.442	8/17/12 12:00	37.932	21.680	34.557	36.094	27.383	29.908	36.693
8/17/12 12:20	38.332	38.212	33.428	8/17/12 12:20	37.923	21.670	34.550	36.087	27.373	29.896	36.686
8/17/12 12:40	38.328	38.207	33.419	8/17/12 12:40	37.914	21.659	34.541	36.080	27.366	29.889	36.679
8/17/12 13:00	38.321	38.200	33.410	8/17/12 13:00	37.909	21.656	34.529	36.073	27.357	29.880	36.670
8/17/12 13:20	38.314	38.193	33.400	8/17/12 13:20	37.902	21.649	34.524	36.071	27.350	29.873	36.668
8/17/12 13:40	38.309	38.188	33.393	8/17/12 13:40	37.890	21.638	34.513	36.061	27.340	29.863	36.656
8/17/12 14:00	38.297	38.179	33.386	8/17/12 14:00	37.883	21.631	34.503	36.059	27.331	29.856	36.651
8/17/12 14:20	38.290	38.172	33.374	8/17/12 14:20	37.872	21.619	34.496	36.050	27.319	29.845	36.642
8/17/12 14:40	38.283	38.160	33.367	8/17/12 14:40	37.865	21.617	34.487	36.043	27.310	29.835	36.632
8/17/12 15:00	38.274	38.153	33.356	8/17/12 15:00	37.860	21.610	34.478	36.040	27.303	29.828	36.623

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/17/12 15:20	38.267	38.146	33.349	8/17/12 15:20	37.851	21.603	34.468	36.031	27.291	29.817	36.614
8/17/12 15:40	38.253	38.132	33.337	8/17/12 15:40	37.839	21.593	34.457	36.024	27.280	29.807	36.604
8/17/12 16:00	38.244	38.123	33.328	8/17/12 16:00	37.830	21.579	34.440	36.017	27.268	29.793	36.593
8/17/12 16:20	38.253	38.132	33.499	8/17/12 16:20	37.823	21.575	34.494	36.012	27.275	29.798	36.586
8/17/12 16:40	38.241	38.123	33.349	8/17/12 16:40	37.813	21.563	34.452	36.005	27.261	29.791	36.590
8/17/12 17:00	38.251	38.132	33.407	8/17/12 17:00	37.809	21.563	34.480	36.003	27.268	29.800	36.588
8/17/12 17:20	38.234	38.113	33.337	8/17/12 17:20	37.804	21.556	34.447	35.998	27.252	29.782	36.586
8/17/12 17:40	38.223	38.102	33.316	8/17/12 17:40	37.804	21.549	34.431	35.996	27.242	29.772	36.576
8/17/12 18:00	38.211	38.090	33.297	8/17/12 18:00	37.795	21.544	34.417	35.989	27.231	29.761	36.565
8/17/12 18:20	38.199	38.081	33.283	8/17/12 18:20	37.790	21.537	34.403	35.982	27.219	29.749	36.551
8/17/12 18:40	38.195	38.076	33.274	8/17/12 18:40	37.790	21.533	34.394	35.979	27.214	29.740	36.541
8/17/12 19:00	38.190	38.069	33.269	8/17/12 19:00	37.793	21.530	34.389	35.982	27.212	29.737	36.534
8/17/12 19:20	38.188	38.067	33.264	8/17/12 19:20	37.793	21.535	34.385	35.982	27.207	29.733	36.530
8/17/12 19:40	38.192	38.069	33.260	8/17/12 19:40	37.797	21.535	34.382	35.984	27.207	29.730	36.527
8/17/12 20:00	38.188	38.067	33.257	8/17/12 20:00	37.800	21.535	34.382	35.987	27.205	29.730	36.523
8/17/12 20:20	38.188	38.067	33.257	8/17/12 20:20	37.807	21.537	34.380	35.991	27.207	29.730	36.523
8/17/12 20:40	38.199	38.076	33.496	8/17/12 20:40	37.816	21.547	34.438	35.998	27.219	29.737	36.523
8/17/12 21:00	38.213	38.093	33.306	8/17/12 21:00	37.825	21.547	34.417	36.003	27.228	29.756	36.541
8/17/12 21:20	38.218	38.092	33.290	8/17/12 21:20	37.834	21.554	34.408	36.010	27.228	29.751	36.546
8/17/12 21:40	38.227	38.104	33.288	8/17/12 21:40	37.844	21.563	34.410	36.017	27.233	29.756	36.546
8/17/12 22:00	38.227	38.104	33.285	8/17/12 22:00	37.848	21.568	34.410	36.022	27.235	29.756	36.548
8/17/12 22:20	38.232	38.109	33.288	8/17/12 22:20	37.858	21.570	34.410	36.029	27.240	29.758	36.551
8/17/12 22:40	38.230	38.106	33.288	8/17/12 22:40	37.860	21.570	34.412	36.031	27.240	29.761	36.553
8/17/12 23:00	38.227	38.104	33.288	8/17/12 23:00	37.865	21.565	34.410	36.033	27.238	29.761	36.555
8/17/12 23:20	38.227	38.104	33.288	8/17/12 23:20	37.862	21.570	34.410	36.031	27.235	29.758	36.555
8/17/12 23:40	38.225	38.104	33.288	8/17/12 23:40	37.869	21.572	34.410	36.036	27.238	29.761	36.555
8/18/12 0:00	38.225	38.104	33.288	8/18/12 0:00	37.872	21.570	34.410	36.038	27.240	29.761	36.558
8/18/12 0:20	38.225	38.102	33.288	8/18/12 0:20	37.872	21.565	34.410	36.038	27.238	29.758	36.558
8/18/12 0:40	38.223	38.100	33.283	8/18/12 0:40	37.867	21.558	34.408	36.033	27.233	29.754	36.555
8/18/12 1:00	38.223	38.100	33.283	8/18/12 1:00	37.867	21.561	34.403	36.033	27.231	29.754	36.553
8/18/12 1:20	38.223	38.100	33.283	8/18/12 1:20	37.869	21.558	34.406	36.036	27.231	29.754	36.553
8/18/12 1:40	38.218	38.097	33.281	8/18/12 1:40	37.872	21.558	34.403	36.036	27.228	29.751	36.551
8/18/12 2:00	38.220	38.097	33.281	8/18/12 2:00	37.876	21.554	34.406	36.038	27.231	29.754	36.553
8/18/12 2:20	38.223	38.097	33.281	8/18/12 2:20	37.881	21.561	34.406	36.043	27.235	29.754	36.551

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/18/12 2:40	38.218	38.095	33.278	8/18/12 2:40	37.879	21.556	34.403	36.040	27.231	29.751	36.548
8/18/12 3:00	38.216	38.092	33.276	8/18/12 3:00	37.876	21.554	34.399	36.040	27.228	29.749	36.546
8/18/12 3:20	38.211	38.088	33.274	8/18/12 3:20	37.872	21.544	34.396	36.036	27.224	29.744	36.541
8/18/12 3:40	38.204	38.081	33.267	8/18/12 3:40	37.862	21.530	34.387	36.029	27.212	29.737	36.537
8/18/12 4:00	38.202	38.076	33.260	8/18/12 4:00	37.858	21.530	34.382	36.024	27.207	29.730	36.532
8/18/12 4:20	38.195	38.074	33.252	8/18/12 4:20	37.848	21.519	34.373	36.017	27.200	29.723	36.527
8/18/12 4:40	38.188	38.062	33.243	8/18/12 4:40	37.837	21.505	34.364	36.008	27.186	29.711	36.520
8/18/12 5:00	38.183	38.062	33.238	8/18/12 5:00	37.837	21.507	34.361	36.008	27.184	29.707	36.516
8/18/12 5:20	38.178	38.057	33.234	8/18/12 5:20	37.834	21.505	34.354	36.005	27.179	29.704	36.511
8/18/12 5:40	38.178	38.055	33.231	8/18/12 5:40	37.834	21.498	34.352	36.005	27.177	29.700	36.506
8/18/12 6:00	38.174	38.050	33.229	8/18/12 6:00	37.837	21.498	34.352	36.008	27.177	29.700	36.506
8/18/12 6:20	38.171	38.048	33.224	8/18/12 6:20	37.832	21.498	34.347	36.003	27.170	29.695	36.499
8/18/12 6:40	38.167	38.041	33.220	8/18/12 6:40	37.827	21.486	34.340	35.998	27.163	29.688	36.494
8/18/12 7:00	38.162	38.041	33.215	8/18/12 7:00	37.823	21.486	34.336	35.994	27.158	29.683	36.492
8/18/12 7:20	38.162	38.041	33.215	8/18/12 7:20	37.827	21.486	34.338	35.998	27.161	29.683	36.490
8/18/12 7:40	38.164	38.041	33.217	8/18/12 7:40	37.837	21.500	34.340	36.005	27.165	29.686	36.492
8/18/12 8:00	38.171	38.048	33.224	8/18/12 8:00	37.853	21.505	34.347	36.019	27.177	29.695	36.497
8/18/12 8:20	38.178	38.057	33.231	8/18/12 8:20	37.865	21.514	34.354	36.029	27.184	29.704	36.499
8/18/12 8:40	38.197	38.076	33.304	8/18/12 8:40	37.844	21.493	34.392	36.010	27.186	29.719	36.506
8/18/12 9:00	38.199	38.076	33.252	8/18/12 9:00	37.841	21.484	34.366	36.008	27.177	29.702	36.516
8/18/12 9:20	38.195	38.071	33.241	8/18/12 9:20	37.841	21.477	34.357	36.008	27.170	29.697	36.516
8/18/12 9:40	38.195	38.071	33.236	8/18/12 9:40	37.848	21.491	34.359	36.015	27.175	29.697	36.516
8/18/12 10:00	38.197	38.076	33.243	8/18/12 10:00	37.865	21.498	34.364	36.026	27.184	29.711	36.523
8/18/12 10:20	38.192	38.071	33.236	8/18/12 10:20	37.855	21.488	34.357	36.017	27.175	29.700	36.518
8/18/12 10:40	38.213	38.095	33.337	8/18/12 10:40	37.858	21.493	34.410	36.019	27.196	29.728	36.525
8/18/12 11:00	38.199	38.076	33.264	8/18/12 11:00	37.839	21.470	34.373	36.003	27.172	29.707	36.532
8/18/12 11:20	38.188	38.067	33.243	8/18/12 11:20	37.834	21.460	34.354	36.001	27.161	29.695	36.527
8/18/12 11:40	38.190	38.069	33.234	8/18/12 11:40	37.839	21.463	34.352	36.003	27.161	29.690	36.525
8/18/12 12:00	38.178	38.057	33.222	8/18/12 12:00	37.820	21.449	34.338	35.991	27.147	29.676	36.516
8/18/12 12:20	38.176	38.055	33.215	8/18/12 12:20	37.823	21.451	34.336	35.994	27.144	29.674	36.511
8/18/12 12:40	38.171	38.050	33.210	8/18/12 12:40	37.820	21.446	34.331	35.989	27.139	29.669	36.506
8/18/12 13:00	38.171	38.048	33.213	8/18/12 13:00	37.830	21.453	34.333	36.001	27.147	29.674	36.504
8/18/12 13:20	38.169	38.046	33.208	8/18/12 13:20	37.832	21.451	34.331	36.001	27.144	29.672	36.502
8/18/12 13:40	38.162	38.041	33.201	8/18/12 13:40	37.825	21.444	34.322	35.994	27.137	29.665	36.497

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/18/12 14:00	38.155	38.034	33.194	8/18/12 14:00	37.818	21.430	34.315	35.987	27.128	29.655	36.490
8/18/12 14:20	38.150	38.029	33.187	8/18/12 14:20	37.811	21.425	34.308	35.979	27.118	29.648	36.483
8/18/12 14:40	38.148	38.025	33.184	8/18/12 14:40	37.811	21.425	34.303	35.982	27.116	29.646	36.480
8/18/12 15:00	38.139	38.018	33.175	8/18/12 15:00	37.802	21.414	34.296	35.975	27.107	29.634	36.471
8/18/12 15:20	38.134	38.011	33.173	8/18/12 15:20	37.795	21.407	34.296	35.970	27.100	29.627	36.464
8/18/12 15:40	38.148	38.027	33.215	8/18/12 15:40	37.797	21.407	34.319	35.970	27.109	29.644	36.473
8/18/12 16:00	38.155	38.036	33.304	8/18/12 16:00	37.788	21.398	34.352	35.963	27.116	29.651	36.471
8/18/12 16:20	38.143	38.025	33.206	8/18/12 16:20	37.790	21.395	34.312	35.963	27.102	29.639	36.478
8/18/12 16:40	38.136	38.015	33.180	8/18/12 16:40	37.790	21.391	34.296	35.963	27.093	29.625	36.469
8/18/12 17:00	38.129	38.006	33.166	8/18/12 17:00	37.788	21.391	34.282	35.963	27.088	29.620	36.457
8/18/12 17:20	38.122	38.001	33.156	8/18/12 17:20	37.788	21.391	34.275	35.961	27.081	29.611	36.450
8/18/12 17:40	38.118	37.994	33.149	8/18/12 17:40	37.793	21.388	34.273	35.965	27.081	29.611	36.443
8/18/12 18:00	38.115	37.992	33.147	8/18/12 18:00	37.797	21.395	34.270	35.970	27.081	29.611	36.438
8/18/12 18:20	38.111	37.987	33.142	8/18/12 18:20	37.797	21.391	34.266	35.970	27.076	29.606	36.434
8/18/12 18:40	38.122	38.015	33.138	8/18/12 18:40	37.795	21.391	34.263	35.968	27.072	29.599	36.427
8/18/12 19:00	38.106	37.983	33.133	8/18/12 19:00	37.795	21.381	34.259	35.965	27.069	29.597	36.424
8/18/12 19:20	38.106	37.983	33.133	8/18/12 19:20	37.802	21.384	34.256	35.970	27.069	29.597	36.422
8/18/12 19:40	38.106	37.980	33.133	8/18/12 19:40	37.809	21.393	34.256	35.977	27.072	29.599	36.422
8/18/12 20:00	38.127	38.004	33.222	8/18/12 20:00	37.816	21.393	34.308	35.984	27.095	29.625	36.431
8/18/12 20:20	38.122	37.999	33.170	8/18/12 20:20	37.825	21.398	34.287	35.989	27.093	29.620	36.443
8/18/12 20:40	38.123	37.999	33.161	8/18/12 20:40	37.834	21.407	34.284	35.998	27.095	29.623	36.443
8/18/12 21:00	38.129	38.004	33.163	8/18/12 21:00	37.851	21.421	34.294	36.010	27.107	29.630	36.445
8/18/12 21:20	38.533	38.588	33.184	8/18/12 21:20	37.876	21.439	34.319	36.045	27.128	29.651	36.459
8/18/12 21:40	38.593	38.681	33.208	8/18/12 21:40	37.888	21.444	34.343	36.059	27.142	29.667	36.492
8/18/12 22:00	38.684	38.763	33.229	8/18/12 22:00	37.897	21.453	34.366	36.073	27.158	29.683	36.527
8/18/12 22:20	38.659	38.721	33.250	8/18/12 22:20	37.904	21.456	34.385	36.078	27.170	29.697	36.558
8/18/12 22:40	38.652	38.681	33.271	8/18/12 22:40	37.916	21.463	34.406	36.089	27.184	29.716	36.590
8/18/12 23:00	38.356	38.237	33.283	8/18/12 23:00	37.925	21.470	34.410	36.087	27.196	29.730	36.611
8/18/12 23:20	38.307	38.186	33.281	8/18/12 23:20	37.923	21.467	34.403	36.082	27.193	29.728	36.604
8/18/12 23:40	38.358	38.240	33.276	8/18/12 23:40	37.923	21.458	34.396	36.080	27.191	29.723	36.595
8/19/12 0:00	38.323	38.212	33.281	8/19/12 0:00	37.937	21.467	34.406	36.092	27.200	29.730	36.593
8/19/12 0:20	38.528	38.541	33.285	8/19/12 0:20	37.944	21.477	34.412	36.103	27.210	29.737	36.595
8/19/12 0:40	38.624	38.649	33.297	8/19/12 0:40	37.951	21.472	34.429	36.113	27.219	29.749	36.602
8/19/12 1:00	38.705	38.763	33.311	8/19/12 1:00	37.956	21.481	34.443	36.120	27.228	29.761	36.625

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/19/12 1:20	38.780	38.864	33.323	8/19/12 1:20	37.951	21.481	34.454	36.122	27.233	29.765	36.642
8/19/12 1:40	38.771	38.831	33.337	8/19/12 1:40	37.953	21.474	34.471	36.127	27.240	29.777	36.665
8/19/12 2:00	38.766	38.817	33.342	8/19/12 2:00	37.937	21.463	34.466	36.113	27.235	29.775	36.682
8/19/12 2:20	38.712	38.742	33.346	8/19/12 2:20	37.935	21.453	34.473	36.110	27.235	29.777	36.689
8/19/12 2:40	38.673	38.663	33.349	8/19/12 2:40	37.935	21.458	34.473	36.110	27.238	29.782	36.693
8/19/12 3:00	38.649	38.642	33.351	8/19/12 3:00	37.932	21.460	34.478	36.110	27.240	29.782	36.693
8/19/12 3:20	38.731	38.777	33.358	8/19/12 3:20	37.942	21.467	34.487	36.120	27.249	29.791	36.698
8/19/12 3:40	38.496	38.389	33.370	8/19/12 3:40	37.953	21.477	34.496	36.127	27.261	29.803	36.707
8/19/12 4:00	38.426	38.307	33.370	8/19/12 4:00	37.963	21.486	34.494	36.129	27.270	29.810	36.703
8/19/12 4:20	38.377	38.256	33.365	8/19/12 4:20	37.970	21.493	34.489	36.131	27.275	29.814	36.691
8/19/12 4:40	38.353	38.242	33.351	8/19/12 4:40	37.960	21.484	34.475	36.117	27.263	29.800	36.668
8/19/12 5:00	38.328	38.205	33.344	8/19/12 5:00	37.960	21.484	34.466	36.117	27.263	29.796	36.651
8/19/12 5:20	38.311	38.188	33.339	8/19/12 5:20	37.963	21.488	34.464	36.120	27.263	29.796	36.637
8/19/12 5:40	38.318	38.207	33.337	8/19/12 5:40	37.970	21.493	34.461	36.124	27.268	29.798	36.628
8/19/12 6:00	38.300	38.179	33.337	8/19/12 6:00	37.981	21.498	34.464	36.131	27.275	29.803	36.625
8/19/12 6:20	38.295	38.172	33.337	8/19/12 6:20	37.984	21.505	34.464	36.131	27.280	29.805	36.618
8/19/12 6:40	38.290	38.170	33.337	8/19/12 6:40	37.991	21.512	34.464	36.136	27.284	29.807	36.614
8/19/12 7:00	38.288	38.163	33.335	8/19/12 7:00	37.988	21.514	34.461	36.134	27.282	29.807	36.611
8/19/12 7:20	38.288	38.163	33.335	8/19/12 7:20	37.990	21.514	34.461	36.136	27.284	29.810	36.609
8/19/12 7:40	38.290	38.167	33.339	8/19/12 7:40	37.995	21.523	34.464	36.138	27.289	29.812	36.609
8/19/12 8:00	38.290	38.165	33.342	8/19/12 8:00	38.002	21.523	34.471	36.145	27.298	29.819	36.611
8/19/12 8:20	38.309	38.188	33.346	8/19/12 8:20	38.007	21.521	34.471	36.148	27.303	29.824	36.614
8/19/12 8:40	38.512	38.539	33.421	8/19/12 8:40	38.000	21.521	34.520	36.145	27.319	29.849	36.630
8/19/12 9:00	38.419	38.310	33.508	8/19/12 9:00	37.997	21.514	34.569	36.148	27.338	29.868	36.656
8/19/12 9:20	38.407	38.286	33.426	8/19/12 9:20	38.000	21.516	34.536	36.145	27.333	29.863	36.679
8/19/12 9:40	38.386	38.263	33.407	8/19/12 9:40	38.000	21.523	34.527	36.145	27.331	29.861	36.684
8/19/12 10:00	38.374	38.251	33.400	8/19/12 10:00	38.000	21.521	34.520	36.143	27.331	29.859	36.682
8/19/12 10:20	38.393	38.296	33.393	8/19/12 10:20	37.995	21.516	34.517	36.141	27.329	29.856	36.677
8/19/12 10:40	38.519	38.508	33.393	8/19/12 10:40	37.993	21.516	34.517	36.141	27.329	29.854	36.677
8/19/12 11:00	38.435	38.347	33.391	8/19/12 11:00	37.986	21.507	34.517	36.138	27.324	29.854	36.679
8/19/12 11:20	38.449	38.373	33.396	8/19/12 11:20	37.984	21.516	34.520	36.136	27.326	29.854	36.684
8/19/12 11:40	38.414	38.315	33.398	8/19/12 11:40	37.983	21.512	34.517	36.136	27.329	29.859	36.691
8/19/12 12:00	38.554	38.469	33.398	8/19/12 12:00	37.981	21.512	34.520	36.134	27.329	29.856	36.689
8/19/12 12:20	38.388	38.265	33.398	8/19/12 12:20	37.977	21.498	34.520	36.127	27.326	29.856	36.693

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/19/12 12:40	38.414	38.319	33.393	8/19/12 12:40	37.967	21.502	34.515	36.122	27.322	29.852	36.689
8/19/12 13:00	38.449	38.359	33.391	8/19/12 13:00	37.958	21.491	34.517	36.117	27.317	29.847	36.689
8/19/12 13:20	38.498	38.375	33.391	8/19/12 13:20	37.949	21.491	34.510	36.110	27.312	29.842	36.689
8/19/12 13:40	38.430	38.352	33.651	8/19/12 13:40	37.942	21.484	34.557	36.103	27.312	29.840	36.689
8/19/12 14:00	38.381	38.261	33.431	8/19/12 14:00	37.925	21.465	34.534	36.089	27.312	29.854	36.700
8/19/12 14:20	38.363	38.240	33.396	8/19/12 14:20	37.921	21.465	34.510	36.082	27.298	29.838	36.691
8/19/12 14:40	38.353	38.237	33.379	8/19/12 14:40	37.909	21.451	34.494	36.075	27.289	29.824	36.677
8/19/12 15:00	38.351	38.233	33.365	8/19/12 15:00	37.902	21.449	34.485	36.071	27.280	29.817	36.665
8/19/12 15:20	38.339	38.216	33.567	8/19/12 15:20	37.893	21.444	34.534	36.061	27.287	29.814	36.654
8/19/12 15:40	38.412	38.298	33.389	8/19/12 15:40	37.886	21.437	34.494	36.057	27.275	29.817	36.661
8/19/12 16:00	38.328	38.219	33.358	8/19/12 16:00	37.876	21.435	34.471	36.047	27.261	29.800	36.651
8/19/12 16:20	38.318	38.200	33.342	8/19/12 16:20	37.874	21.423	34.461	36.045	27.256	29.793	36.637
8/19/12 16:40	38.353	38.240	33.335	8/19/12 16:40	37.869	21.423	34.454	36.045	27.252	29.786	36.625
8/19/12 17:00	38.309	38.186	33.323	8/19/12 17:00	37.862	21.421	34.445	36.036	27.245	29.779	36.618
8/19/12 17:20	38.295	38.181	33.316	8/19/12 17:20	37.860	21.412	34.438	36.033	27.238	29.772	36.611
8/19/12 17:40	38.272	38.149	33.306	8/19/12 17:40	37.855	21.407	34.426	36.029	27.231	29.765	36.600
8/19/12 18:00	38.262	38.139	33.297	8/19/12 18:00	37.851	21.407	34.419	36.024	27.226	29.758	36.588
8/19/12 18:20	38.265	38.144	33.506	8/19/12 18:20	37.851	21.411	34.473	36.024	27.235	29.761	36.581
8/19/12 18:40	38.258	38.137	33.328	8/19/12 18:40	37.848	21.402	34.436	36.022	27.228	29.765	36.588
8/19/12 19:00	38.255	38.132	33.302	8/19/12 19:00	37.848	21.402	34.419	36.024	27.224	29.758	36.581
8/19/12 19:20	38.244	38.121	33.292	8/19/12 19:20	37.851	21.411	34.412	36.024	27.219	29.751	36.574
8/19/12 19:40	38.241	38.116	33.285	8/19/12 19:40	37.851	21.412	34.408	36.024	27.217	29.747	36.567
8/19/12 20:00	38.241	38.118	33.283	8/19/12 20:00	37.860	21.411	34.406	36.031	27.221	29.749	36.562
8/19/12 20:20	38.260	38.135	33.285	8/19/12 20:20	37.869	21.423	34.410	36.038	27.226	29.754	36.560
8/19/12 20:40	38.265	38.139	33.288	8/19/12 20:40	37.876	21.428	34.415	36.043	27.233	29.756	36.562
8/19/12 21:00	38.276	38.148	33.527	8/19/12 21:00	37.883	21.435	34.466	36.047	27.245	29.763	36.567
8/19/12 21:20	38.288	38.165	33.339	8/19/12 21:20	37.888	21.435	34.447	36.050	27.252	29.782	36.583
8/19/12 21:40	38.281	38.158	33.320	8/19/12 21:40	37.890	21.437	34.438	36.054	27.249	29.777	36.588
8/19/12 22:00	38.279	38.156	33.318	8/19/12 22:00	37.902	21.444	34.440	36.061	27.254	29.782	36.590
8/19/12 22:20	38.274	38.149	33.316	8/19/12 22:20	37.904	21.451	34.438	36.066	27.256	29.782	36.590
8/19/12 22:40	38.272	38.146	33.313	8/19/12 22:40	37.907	21.442	34.436	36.066	27.256	29.782	36.588
8/19/12 23:00	38.267	38.144	33.311	8/19/12 23:00	37.904	21.442	34.431	36.064	27.252	29.779	36.588
8/19/12 23:20	38.269	38.144	33.311	8/19/12 23:20	37.911	21.446	34.436	36.068	27.256	29.782	36.588
8/19/12 23:40	38.267	38.144	33.313	8/19/12 23:40	37.914	21.446	34.436	36.071	27.259	29.784	36.590

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/20/12 0:00	38.265	38.139	33.311	8/20/12 0:00	37.914	21.449	34.436	36.068	27.256	29.782	36.588
8/20/12 0:20	38.265	38.139	33.311	8/20/12 0:20	37.916	21.446	34.433	36.071	27.259	29.782	36.590
8/20/12 0:40	38.265	38.139	33.311	8/20/12 0:40	37.914	21.446	34.433	36.068	27.256	29.782	36.590
8/20/12 1:00	38.262	38.139	33.309	8/20/12 1:00	37.914	21.444	34.433	36.068	27.254	29.782	36.588
8/20/12 1:20	38.262	38.139	33.309	8/20/12 1:20	37.911	21.442	34.431	36.068	27.254	29.779	36.590
8/20/12 1:40	38.262	38.139	33.306	8/20/12 1:40	37.911	21.444	34.429	36.066	27.254	29.777	36.588
8/20/12 2:00	38.260	38.135	33.306	8/20/12 2:00	37.911	21.446	34.431	36.068	27.252	29.777	36.586
8/20/12 2:20	38.258	38.134	33.306	8/20/12 2:20	37.909	21.437	34.426	36.064	27.249	29.775	36.586
8/20/12 2:40	38.258	38.132	33.304	8/20/12 2:40	37.907	21.437	34.424	36.061	27.247	29.772	36.583
8/20/12 3:00	38.253	38.130	33.299	8/20/12 3:00	37.902	21.430	34.419	36.059	27.242	29.768	36.579
8/20/12 3:20	38.248	38.123	33.295	8/20/12 3:20	37.900	21.425	34.417	36.054	27.240	29.763	36.579
8/20/12 3:40	38.246	38.123	33.295	8/20/12 3:40	37.900	21.437	34.417	36.057	27.240	29.765	36.574
8/20/12 4:00	38.246	38.123	33.292	8/20/12 4:00	37.902	21.430	34.415	36.057	27.240	29.765	36.572
8/20/12 4:20	38.239	38.116	33.288	8/20/12 4:20	37.897	21.423	34.412	36.054	27.235	29.761	36.569
8/20/12 4:40	38.239	38.111	33.285	8/20/12 4:40	37.893	21.418	34.408	36.050	27.233	29.756	36.565
8/20/12 5:00	38.237	38.111	33.285	8/20/12 5:00	37.895	21.423	34.408	36.052	27.233	29.756	36.562
8/20/12 5:20	38.232	38.109	33.281	8/20/12 5:20	37.895	21.421	34.406	36.052	27.231	29.754	36.560
8/20/12 5:40	38.232	38.106	33.283	8/20/12 5:40	37.897	21.425	34.403	36.052	27.231	29.754	36.558
8/20/12 6:00	38.232	38.107	33.283	8/20/12 6:00	37.902	21.425	34.406	36.057	27.233	29.756	36.555
8/20/12 6:20	38.230	38.107	33.281	8/20/12 6:20	37.904	21.432	34.406	36.059	27.235	29.758	36.555
8/20/12 6:40	38.234	38.111	33.285	8/20/12 6:40	37.907	21.432	34.406	36.059	27.238	29.756	36.555
8/20/12 7:00	38.237	38.111	33.285	8/20/12 7:00	37.911	21.435	34.410	36.064	27.240	29.763	36.555
8/20/12 7:20	38.234	38.111	33.285	8/20/12 7:20	37.909	21.428	34.406	36.061	27.238	29.761	36.555
8/20/12 7:40	38.232	38.104	33.283	8/20/12 7:40	37.904	21.425	34.406	36.057	27.235	29.756	36.555
8/20/12 8:00	38.234	38.111	33.283	8/20/12 8:00	37.911	21.439	34.406	36.064	27.238	29.758	36.555
8/20/12 8:20	38.230	38.106	33.281	8/20/12 8:20	37.904	21.421	34.403	36.059	27.233	29.756	36.555
8/20/12 8:40	38.227	38.104	33.278	8/20/12 8:40	37.900	21.418	34.401	36.054	27.228	29.751	36.555
8/20/12 9:00	38.230	38.104	33.278	8/20/12 9:00	37.900	21.421	34.399	36.054	27.228	29.751	36.555
8/20/12 9:20	38.248	38.128	33.360	8/20/12 9:20	37.900	21.418	34.443	36.052	27.245	29.770	36.562
8/20/12 9:40	38.244	38.123	33.313	8/20/12 9:40	37.907	21.423	34.426	36.061	27.245	29.770	36.574
8/20/12 10:00	38.244	38.120	33.302	8/20/12 10:00	37.907	21.423	34.419	36.059	27.242	29.768	36.574
8/20/12 10:20	38.265	38.144	33.426	8/20/12 10:20	37.904	21.425	34.478	36.057	27.261	29.786	36.579
8/20/12 10:40	38.258	38.137	33.330	8/20/12 10:40	37.902	21.421	34.443	36.054	27.249	29.779	36.590
8/20/12 11:00	38.251	38.128	33.311	8/20/12 11:00	37.895	21.416	34.426	36.050	27.238	29.768	36.588

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/20/12 11:20	38.246	38.125	33.302	8/20/12 11:20	37.893	21.416	34.417	36.045	27.233	29.761	36.583
8/20/12 11:40	38.244	38.120	33.292	8/20/12 11:40	37.888	21.404	34.410	36.043	27.226	29.754	36.579
8/20/12 12:00	38.239	38.116	33.285	8/20/12 12:00	37.881	21.402	34.406	36.038	27.221	29.749	36.576
8/20/12 12:20	38.234	38.111	33.278	8/20/12 12:20	37.872	21.395	34.399	36.031	27.212	29.742	36.569
8/20/12 12:40	38.230	38.107	33.274	8/20/12 12:40	37.865	21.388	34.392	36.026	27.205	29.735	36.565
8/20/12 13:00	38.227	38.104	33.267	8/20/12 13:00	37.855	21.381	34.385	36.019	27.198	29.726	36.560
8/20/12 13:20	38.223	38.097	33.257	8/20/12 13:20	37.846	21.374	34.378	36.012	27.189	29.721	36.555
8/20/12 13:40	38.220	38.097	33.252	8/20/12 13:40	37.841	21.365	34.368	36.005	27.182	29.711	36.551
8/20/12 14:00	38.213	38.093	33.245	8/20/12 14:00	37.834	21.365	34.364	36.003	27.175	29.704	36.546
8/20/12 14:20	38.206	38.083	33.241	8/20/12 14:20	37.827	21.355	34.357	35.996	27.168	29.697	36.539
8/20/12 14:40	38.199	38.074	33.231	8/20/12 14:40	37.823	21.353	34.352	35.991	27.161	29.693	36.534
8/20/12 15:00	38.195	38.069	33.229	8/20/12 15:00	37.818	21.349	34.347	35.989	27.156	29.686	36.527
8/20/12 15:20	38.190	38.064	33.264	8/20/12 15:20	37.818	21.346	34.359	35.987	27.154	29.683	36.523
8/20/12 15:40	38.204	38.083	33.281	8/20/12 15:40	37.816	21.344	34.375	35.984	27.165	29.700	36.532
8/20/12 16:00	38.190	38.069	33.243	8/20/12 16:00	37.806	21.335	34.352	35.979	27.151	29.683	36.530
8/20/12 16:20	38.197	38.078	33.227	8/20/12 16:20	37.807	21.339	34.343	35.979	27.144	29.676	36.520
8/20/12 16:40	38.178	38.055	33.215	8/20/12 16:40	37.804	21.330	34.331	35.977	27.137	29.669	36.511
8/20/12 17:00	38.171	38.046	33.206	8/20/12 17:00	37.804	21.332	34.326	35.975	27.132	29.662	36.504
8/20/12 17:20	38.164	38.039	33.199	8/20/12 17:20	37.804	21.330	34.317	35.972	27.128	29.658	36.494
8/20/12 17:40	38.160	38.032	33.194	8/20/12 17:40	37.804	21.330	34.315	35.975	27.125	29.655	36.487
8/20/12 18:00	38.155	38.029	33.189	8/20/12 18:00	37.807	21.325	34.310	35.977	27.123	29.651	36.483
8/20/12 18:20	38.150	38.025	33.184	8/20/12 18:20	37.807	21.325	34.308	35.977	27.121	29.648	36.478
8/20/12 18:40	38.146	38.022	33.182	8/20/12 18:40	37.806	21.328	34.303	35.977	27.116	29.646	36.473
8/20/12 19:00	38.153	38.027	33.180	8/20/12 19:00	37.807	21.325	34.298	35.977	27.114	29.641	36.471
8/20/12 19:20	38.160	38.032	33.180	8/20/12 19:20	37.816	21.332	34.301	35.982	27.118	29.644	36.469
8/20/12 19:40	38.174	38.050	33.274	8/20/12 19:40	37.811	21.328	34.347	35.979	27.130	29.660	36.471
8/20/12 20:00	38.171	38.046	33.210	8/20/12 20:00	37.820	21.328	34.324	35.987	27.128	29.658	36.483
8/20/12 20:20	38.206	38.078	33.611	8/20/12 20:20	37.825	21.342	34.443	35.991	27.158	29.683	36.490
8/20/12 20:40	38.258	38.137	33.539	8/20/12 20:40	37.827	21.339	34.508	35.994	27.196	29.744	36.534
8/20/12 21:00	38.307	38.186	33.787	8/20/12 21:00	37.834	21.337	34.597	35.998	27.233	29.786	36.588
8/20/12 21:20	38.367	38.249	33.750	8/20/12 21:20	37.837	21.342	34.624	36.003	27.254	29.817	36.635
8/20/12 21:40	38.398	38.279	33.808	8/20/12 21:40	37.844	21.349	34.666	36.005	27.277	29.845	36.675
8/20/12 22:00	38.405	38.289	33.895	8/20/12 22:00	37.846	21.356	34.699	36.012	27.294	29.868	36.707
8/20/12 22:20	38.419	38.308	33.839	8/20/12 22:20	37.858	21.362	34.720	36.019	27.315	29.891	36.738

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/20/12 22:40	38.423	38.310	34.005	8/20/12 22:40	37.865	21.365	34.760	36.026	27.331	29.915	36.761
8/20/12 23:00	38.433	38.322	33.841	8/20/12 23:00	37.867	21.362	34.760	36.029	27.345	29.929	36.777
8/20/12 23:20	38.442	38.329	34.017	8/20/12 23:20	37.872	21.367	34.797	36.033	27.359	29.943	36.794
8/20/12 23:40	38.449	38.338	33.874	8/20/12 23:40	37.879	21.372	34.799	36.038	27.371	29.959	36.808
8/21/12 0:00	38.461	38.352	33.996	8/21/12 0:00	37.888	21.379	34.829	36.045	27.392	29.976	36.822
8/21/12 0:20	38.468	38.357	34.036	8/21/12 0:20	37.893	21.381	34.843	36.050	27.399	29.990	36.834
8/21/12 0:40	38.477	38.368	33.966	8/21/12 0:40	37.895	21.381	34.846	36.050	27.411	30.004	36.845
8/21/12 1:00	38.475	38.366	34.120	8/21/12 1:00	37.895	21.379	34.874	36.050	27.415	30.008	36.852
8/21/12 1:20	38.484	38.378	33.937	8/21/12 1:20	37.893	21.381	34.864	36.050	27.425	30.020	36.862
8/21/12 1:40	38.486	38.378	34.106	8/21/12 1:40	37.895	21.381	34.895	36.052	27.434	30.027	36.869
8/21/12 2:00	38.491	38.385	33.968	8/21/12 2:00	37.900	21.381	34.888	36.054	27.441	30.039	36.876
8/21/12 2:20	38.498	38.389	34.073	8/21/12 2:20	37.897	21.379	34.906	36.054	27.448	30.046	36.880
8/21/12 2:40	38.493	38.385	34.095	8/21/12 2:40	37.893	21.376	34.909	36.050	27.448	30.048	36.885
8/21/12 3:00	38.503	38.396	34.034	8/21/12 3:00	37.895	21.379	34.911	36.052	27.460	30.057	36.890
8/21/12 3:20	38.503	38.396	34.181	8/21/12 3:20	37.897	21.383	34.934	36.054	27.467	30.064	36.894
8/21/12 3:40	38.505	38.399	34.010	8/21/12 3:40	37.900	21.386	34.923	36.057	27.476	30.074	36.897
8/21/12 4:00	38.507	38.401	34.179	8/21/12 4:00	37.900	21.386	34.948	36.057	27.478	30.078	36.899
8/21/12 4:20	38.505	38.399	33.994	8/21/12 4:20	37.897	21.383	34.934	36.057	27.483	30.086	36.901
8/21/12 4:40	38.510	38.403	34.139	8/21/12 4:40	37.900	21.383	34.955	36.057	27.490	30.090	36.901
8/21/12 5:00	38.507	38.403	34.071	8/21/12 5:00	37.900	21.383	34.948	36.057	27.490	30.095	36.901
8/21/12 5:20	38.510	38.403	34.099	8/21/12 5:20	37.897	21.383	34.958	36.057	27.499	30.100	36.904
8/21/12 5:40	38.507	38.403	34.184	8/21/12 5:40	37.902	21.390	34.969	36.059	27.502	30.104	36.904
8/21/12 6:00	38.516	38.410	34.066	8/21/12 6:00	37.911	21.397	34.965	36.066	27.516	30.118	36.908
8/21/12 6:20	38.514	38.408	34.228	8/21/12 6:20	37.914	21.397	34.988	36.068	27.520	30.123	36.911
8/21/12 6:40	38.523	38.420	34.038	8/21/12 6:40	37.921	21.404	34.974	36.073	27.530	30.132	36.915
8/21/12 7:00	38.491	38.385	33.811	8/21/12 7:00	37.916	21.400	34.867	36.071	27.499	30.100	36.906
8/21/12 7:20	38.444	38.333	33.675	8/21/12 7:20	37.916	21.400	34.781	36.071	27.462	30.048	36.859
8/21/12 7:40	38.412	38.298	33.604	8/21/12 7:40	37.918	21.404	34.727	36.073	27.439	30.015	36.813
8/21/12 8:00	38.386	38.272	33.560	8/21/12 8:00	37.925	21.418	34.692	36.075	27.427	29.994	36.775
8/21/12 8:20	38.367	38.251	33.529	8/21/12 8:20	37.930	21.416	34.662	36.080	27.418	29.978	36.747
8/21/12 8:40	38.351	38.235	33.503	8/21/12 8:40	37.930	21.416	34.641	36.080	27.406	29.964	36.721
8/21/12 9:00	38.337	38.221	33.499	8/21/12 9:00	37.932	21.418	34.636	36.080	27.399	29.950	36.703
8/21/12 9:20	38.342	38.226	33.515	8/21/12 9:20	37.930	21.418	34.636	36.080	27.404	29.957	36.700
8/21/12 9:40	38.330	38.214	33.480	8/21/12 9:40	37.935	21.425	34.611	36.082	27.394	29.943	36.689

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/21/12 10:00	38.321	38.202	33.459	8/21/12 10:00	37.935	21.428	34.594	36.082	27.387	29.934	36.677
8/21/12 10:20	38.314	38.195	33.447	8/21/12 10:20	37.939	21.421	34.583	36.085	27.380	29.924	36.668
8/21/12 10:40	38.309	38.188	33.433	8/21/12 10:40	37.937	21.425	34.571	36.085	27.376	29.920	36.658
8/21/12 11:00	38.302	38.181	33.424	8/21/12 11:00	37.935	21.421	34.562	36.082	27.368	29.908	36.651
8/21/12 11:20	38.300	38.179	33.414	8/21/12 11:20	37.932	21.421	34.552	36.080	27.361	29.901	36.644
8/21/12 11:40	38.318	38.198	33.499	8/21/12 11:40	37.935	21.421	34.594	36.080	27.378	29.922	36.649
8/21/12 12:00	38.307	38.186	33.438	8/21/12 12:00	37.930	21.430	34.564	36.078	27.364	29.906	36.654
8/21/12 12:20	38.300	38.179	33.417	8/21/12 12:20	37.928	21.423	34.548	36.075	27.354	29.894	36.647
8/21/12 12:40	38.293	38.172	33.403	8/21/12 12:40	37.921	21.416	34.536	36.068	27.345	29.884	36.639
8/21/12 13:00	38.311	38.221	33.393	8/21/12 13:00	37.916	21.411	34.524	36.066	27.338	29.875	36.632
8/21/12 13:20	38.290	38.172	33.386	8/21/12 13:20	37.909	21.407	34.515	36.061	27.329	29.866	36.625
8/21/12 13:40	38.300	38.177	33.590	8/21/12 13:40	37.904	21.400	34.566	36.057	27.333	29.866	36.623
8/21/12 14:00	38.297	38.179	33.412	8/21/12 14:00	37.895	21.395	34.527	36.050	27.324	29.868	36.632
8/21/12 14:20	38.288	38.167	33.386	8/21/12 14:20	37.888	21.393	34.508	36.045	27.312	29.852	36.628
8/21/12 14:40	38.274	38.153	33.367	8/21/12 14:40	37.883	21.390	34.496	36.038	27.303	29.840	36.618
8/21/12 15:00	38.293	38.184	33.637	8/21/12 15:00	37.879	21.383	34.559	36.036	27.310	29.840	36.609
8/21/12 15:20	38.412	38.375	33.926	8/21/12 15:20	37.874	21.379	34.692	36.036	27.357	29.906	36.644
8/21/12 15:40	38.377	38.265	33.740	8/21/12 15:40	37.867	21.379	34.708	36.029	27.380	29.948	36.698
8/21/12 16:00	38.342	38.228	33.520	8/21/12 16:00	37.865	21.372	34.604	36.026	27.340	29.901	36.707
8/21/12 16:20	38.314	38.195	33.450	8/21/12 16:20	37.860	21.367	34.557	36.024	27.317	29.870	36.682
8/21/12 16:40	38.309	38.193	33.412	8/21/12 16:40	37.860	21.365	34.529	36.026	27.305	29.854	36.658
8/21/12 17:00	38.286	38.167	33.386	8/21/12 17:00	37.858	21.358	34.510	36.022	27.294	29.840	36.639
8/21/12 17:20	38.279	38.160	33.370	8/21/12 17:20	37.858	21.362	34.494	36.022	27.287	29.828	36.623
8/21/12 17:40	38.346	38.230	33.883	8/21/12 17:40	37.860	21.367	34.704	36.022	27.354	29.903	36.642
8/21/12 18:00	38.398	38.289	33.987	8/21/12 18:00	37.855	21.360	34.802	36.019	27.397	29.966	36.707
8/21/12 18:20	38.428	38.319	34.022	8/21/12 18:20	37.858	21.362	34.857	36.022	27.425	30.008	36.763
8/21/12 18:40	38.568	38.485	34.092	8/21/12 18:40	37.855	21.362	34.909	36.022	27.446	30.036	36.806
8/21/12 19:00	38.489	38.385	34.193	8/21/12 19:00	37.853	21.358	34.948	36.022	27.464	30.060	36.841
8/21/12 19:20	38.500	38.396	34.310	8/21/12 19:20	37.858	21.362	34.988	36.024	27.483	30.086	36.873
8/21/12 19:40	38.530	38.424	34.385	8/21/12 19:40	37.860	21.365	35.034	36.026	27.509	30.114	36.899
8/21/12 20:00	38.496	38.387	33.799	8/21/12 20:00	37.862	21.372	34.839	36.026	27.457	30.060	36.897
8/21/12 20:20	38.447	38.336	33.656	8/21/12 20:20	37.867	21.367	34.748	36.031	27.422	30.006	36.845
8/21/12 20:40	38.409	38.294	33.579	8/21/12 20:40	37.869	21.379	34.690	36.033	27.399	29.973	36.796
8/21/12 21:00	38.379	38.263	33.529	8/21/12 21:00	37.874	21.386	34.652	36.036	27.385	29.950	36.756

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/21/12 21:20	38.360	38.242	33.494	8/21/12 21:20	37.881	21.381	34.624	36.040	27.376	29.934	36.726
8/21/12 21:40	38.367	38.251	33.553	8/21/12 21:40	37.888	21.383	34.648	36.045	27.385	29.945	36.710
8/21/12 22:00	38.353	38.235	33.485	8/21/12 22:00	37.888	21.388	34.608	36.045	27.371	29.924	36.700
8/21/12 22:20	38.339	38.219	33.457	8/21/12 22:20	37.893	21.390	34.587	36.050	27.364	29.913	36.684
8/21/12 22:40	38.328	38.207	33.438	8/21/12 22:40	37.895	21.395	34.569	36.050	27.357	29.903	36.668
8/21/12 23:00	38.316	38.195	33.424	8/21/12 23:00	37.893	21.393	34.557	36.050	27.347	29.891	36.656
8/21/12 23:20	38.307	38.188	33.412	8/21/12 23:20	37.897	21.395	34.543	36.050	27.343	29.884	36.644
8/21/12 23:40	38.300	38.177	33.400	8/21/12 23:40	37.890	21.390	34.531	36.047	27.331	29.873	36.635
8/22/12 0:00	38.290	38.170	33.391	8/22/12 0:00	37.890	21.383	34.520	36.047	27.326	29.868	36.630
8/22/12 0:20	38.288	38.165	33.386	8/22/12 0:20	37.895	21.393	34.517	36.050	27.324	29.863	36.623
8/22/12 0:40	38.286	38.163	33.382	8/22/12 0:40	37.900	21.397	34.513	36.054	27.324	29.863	36.618
8/22/12 1:00	38.281	38.160	33.377	8/22/12 1:00	37.904	21.400	34.508	36.054	27.324	29.859	36.614
8/22/12 1:20	38.279	38.156	33.529	8/22/12 1:20	37.900	21.395	34.534	36.050	27.319	29.852	36.609
8/22/12 1:40	38.290	38.170	33.417	8/22/12 1:40	37.895	21.393	34.527	36.050	27.324	29.866	36.618
8/22/12 2:00	38.281	38.158	33.386	8/22/12 2:00	37.893	21.386	34.508	36.045	27.312	29.852	36.618
8/22/12 2:20	38.276	38.153	33.372	8/22/12 2:20	37.890	21.386	34.496	36.045	27.308	29.845	36.611
8/22/12 2:40	38.272	38.149	33.363	8/22/12 2:40	37.893	21.402	34.489	36.045	27.305	29.840	36.604
8/22/12 3:00	38.269	38.146	33.356	8/22/12 3:00	37.893	21.390	34.487	36.047	27.303	29.835	36.602
8/22/12 3:20	38.267	38.144	33.353	8/22/12 3:20	37.895	21.393	34.482	36.047	27.301	29.831	36.595
8/22/12 3:40	38.262	38.137	33.344	8/22/12 3:40	37.890	21.388	34.473	36.045	27.294	29.826	36.590
8/22/12 4:00	38.260	38.137	33.344	8/22/12 4:00	37.893	21.390	34.471	36.045	27.291	29.824	36.588
8/22/12 4:20	38.255	38.132	33.337	8/22/12 4:20	37.890	21.383	34.466	36.045	27.289	29.819	36.586
8/22/12 4:40	38.253	38.130	33.335	8/22/12 4:40	37.893	21.386	34.461	36.045	27.287	29.814	36.581
8/22/12 5:00	38.251	38.125	33.330	8/22/12 5:00	37.893	21.388	34.457	36.045	27.284	29.812	36.579
8/22/12 5:20	38.251	38.125	33.328	8/22/12 5:20	37.895	21.390	34.454	36.047	27.282	29.812	36.574
8/22/12 5:40	38.248	38.125	33.325	8/22/12 5:40	37.897	21.397	34.454	36.047	27.282	29.810	36.572
8/22/12 6:00	38.246	38.121	33.323	8/22/12 6:00	37.897	21.400	34.452	36.047	27.280	29.810	36.569
8/22/12 6:20	38.244	38.118	33.320	8/22/12 6:20	37.897	21.397	34.447	36.050	27.277	29.805	36.567
8/22/12 6:40	38.248	38.123	33.320	8/22/12 6:40	37.902	21.402	34.450	36.052	27.280	29.805	36.567
8/22/12 7:00	38.248	38.125	33.323	8/22/12 7:00	37.909	21.409	34.450	36.057	27.284	29.807	36.567
8/22/12 7:20	38.253	38.128	33.325	8/22/12 7:20	37.921	21.414	34.454	36.066	27.289	29.814	36.569
8/22/12 7:40	38.248	38.125	33.325	8/22/12 7:40	37.918	21.411	34.452	36.064	27.289	29.814	36.569
8/22/12 8:00	38.248	38.125	33.440	8/22/12 8:00	37.918	21.411	34.478	36.066	27.289	29.812	36.569
8/22/12 8:20	38.262	38.139	33.372	8/22/12 8:20	37.921	21.416	34.482	36.064	27.301	29.828	36.581

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/22/12 8:40	38.255	38.132	33.346	8/22/12 8:40	37.918	21.404	34.468	36.061	27.291	29.821	36.583
8/22/12 9:00	38.251	38.128	33.335	8/22/12 9:00	37.914	21.402	34.457	36.059	27.287	29.812	36.579
8/22/12 9:20	38.251	38.128	33.325	8/22/12 9:20	37.911	21.404	34.450	36.057	27.280	29.807	36.574
8/22/12 9:40	38.255	38.135	33.323	8/22/12 9:40	37.909	21.402	34.447	36.057	27.277	29.803	36.572
8/22/12 10:00	38.414	38.394	33.318	8/22/12 10:00	37.904	21.400	34.445	36.054	27.273	29.800	36.569
8/22/12 10:20	38.454	38.443	33.320	8/22/12 10:20	37.902	21.397	34.447	36.057	27.273	29.800	36.576
8/22/12 10:40	38.407	38.336	33.323	8/22/12 10:40	37.900	21.400	34.447	36.054	27.270	29.800	36.588
8/22/12 11:00	38.624	38.688	33.396	8/22/12 11:00	37.895	21.397	34.496	36.059	27.287	29.821	36.602
8/22/12 11:20	38.621	38.639	33.363	8/22/12 11:20	37.893	21.395	34.485	36.061	27.282	29.817	36.621
8/22/12 11:40	38.684	38.726	33.360	8/22/12 11:40	37.893	21.393	34.489	36.059	27.280	29.817	36.632
8/22/12 12:00	38.677	38.712	33.602	8/22/12 12:00	37.890	21.390	34.548	36.061	27.291	29.826	36.651
8/22/12 12:20	38.687	38.742	33.412	8/22/12 12:20	37.886	21.388	34.524	36.061	27.296	29.840	36.679
8/22/12 12:40	38.584	38.511	33.391	8/22/12 12:40	37.879	21.381	34.513	36.057	27.287	29.831	36.686
8/22/12 13:00	38.692	38.712	33.381	8/22/12 13:00	37.872	21.372	34.508	36.052	27.280	29.824	36.691
8/22/12 13:20	38.712	38.749	33.379	8/22/12 13:20	37.865	21.369	34.503	36.047	27.273	29.819	36.689
8/22/12 13:40	38.666	38.686	33.370	8/22/12 13:40	37.855	21.358	34.496	36.038	27.266	29.812	36.686
8/22/12 14:00	38.468	38.406	33.363	8/22/12 14:00	37.844	21.346	34.482	36.029	27.256	29.803	36.684
8/22/12 14:20	38.673	38.728	33.356	8/22/12 14:20	37.841	21.349	34.485	36.029	27.252	29.798	36.675
8/22/12 14:40	38.619	38.667	33.353	8/22/12 14:40	37.834	21.344	34.482	36.026	27.247	29.793	36.672
8/22/12 15:00	38.561	38.593	33.351	8/22/12 15:00	37.832	21.339	34.478	36.024	27.242	29.789	36.670
8/22/12 15:20	38.558	38.539	33.349	8/22/12 15:20	37.825	21.332	34.475	36.022	27.238	29.786	36.670
8/22/12 15:40	38.677	38.740	33.344	8/22/12 15:40	37.820	21.330	34.468	36.015	27.233	29.782	36.668
8/22/12 16:00	38.719	38.784	33.342	8/22/12 16:00	37.818	21.325	34.468	36.017	27.228	29.779	36.663
8/22/12 16:20	38.661	38.714	33.339	8/22/12 16:20	37.809	21.328	34.459	36.008	27.221	29.770	36.663
8/22/12 16:40	38.570	38.553	33.332	8/22/12 16:40	37.807	21.318	34.452	36.003	27.217	29.768	36.656
8/22/12 17:00	38.484	38.438	33.384	8/22/12 17:00	37.804	21.316	34.485	36.001	27.224	29.782	36.661
8/22/12 17:20	38.461	38.424	33.339	8/22/12 17:20	37.790	21.321	34.457	35.991	27.207	29.761	36.654
8/22/12 17:40	38.533	38.485	33.384	8/22/12 17:40	37.788	21.311	34.482	35.991	27.217	29.775	36.656
8/22/12 18:00	38.565	38.607	33.339	8/22/12 18:00	37.783	21.297	34.454	35.984	27.203	29.756	36.649
8/22/12 18:20	38.568	38.618	33.318	8/22/12 18:20	37.783	21.297	34.438	35.984	27.193	29.747	36.630
8/22/12 18:40	38.603	38.604	33.466	8/22/12 18:40	37.781	21.300	34.492	35.987	27.207	29.754	36.621
8/22/12 19:00	38.612	38.618	33.346	8/22/12 19:00	37.790	21.304	34.464	35.994	27.205	29.758	36.635
8/22/12 19:20	38.456	38.394	33.328	8/22/12 19:20	37.793	21.309	34.452	35.994	27.205	29.756	36.635
8/22/12 19:40	38.388	38.291	33.316	8/22/12 19:40	37.802	21.318	34.440	35.996	27.203	29.754	36.625

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/22/12 20:00	38.346	38.237	33.309	8/22/12 20:00	37.809	21.323	34.433	36.001	27.205	29.749	36.614
8/22/12 20:20	38.309	38.186	33.302	8/22/12 20:20	37.816	21.330	34.424	36.003	27.203	29.747	36.600
8/22/12 20:40	38.279	38.156	33.290	8/22/12 20:40	37.818	21.330	34.412	36.003	27.198	29.740	36.586
8/22/12 21:00	38.258	38.135	33.278	8/22/12 21:00	37.818	21.323	34.403	36.001	27.191	29.733	36.569
8/22/12 21:20	38.258	38.132	33.278	8/22/12 21:20	37.837	21.337	34.406	36.015	27.203	29.737	36.562
8/22/12 21:40	38.260	38.135	33.281	8/22/12 21:40	37.855	21.360	34.410	36.029	27.212	29.747	36.560
8/22/12 22:00	38.251	38.128	33.283	8/22/12 22:00	37.865	21.365	34.410	36.038	27.219	29.749	36.555
8/22/12 22:20	38.244	38.121	33.281	8/22/12 22:20	37.872	21.369	34.408	36.040	27.219	29.751	36.553
8/22/12 22:40	38.253	38.132	33.346	8/22/12 22:40	37.869	21.362	34.443	36.036	27.228	29.770	36.558
8/22/12 23:00	38.246	38.121	33.306	8/22/12 23:00	37.872	21.362	34.422	36.038	27.221	29.758	36.560
8/22/12 23:20	38.239	38.118	33.290	8/22/12 23:20	37.872	21.360	34.408	36.038	27.217	29.751	36.553
8/22/12 23:40	38.239	38.116	33.278	8/22/12 23:40	37.867	21.355	34.401	36.033	27.207	29.742	36.548
8/23/12 0:00	38.227	38.104	33.271	8/23/12 0:00	37.865	21.355	34.394	36.031	27.203	29.735	36.544
8/23/12 0:20	38.225	38.102	33.269	8/23/12 0:20	37.865	21.353	34.389	36.031	27.200	29.733	36.541
8/23/12 0:40	38.239	38.116	33.356	8/23/12 0:40	37.867	21.358	34.436	36.033	27.219	29.754	36.544
8/23/12 1:00	38.227	38.104	33.297	8/23/12 1:00	37.867	21.358	34.410	36.031	27.210	29.744	36.551
8/23/12 1:20	38.227	38.104	33.281	8/23/12 1:20	37.869	21.355	34.399	36.033	27.207	29.742	36.546
8/23/12 1:40	38.220	38.095	33.274	8/23/12 1:40	37.874	21.362	34.394	36.036	27.205	29.740	36.544
8/23/12 2:00	38.213	38.090	33.264	8/23/12 2:00	37.869	21.355	34.387	36.031	27.198	29.730	36.537
8/23/12 2:20	38.211	38.086	33.260	8/23/12 2:20	37.865	21.351	34.378	36.026	27.193	29.723	36.532
8/23/12 2:40	38.213	38.090	33.255	8/23/12 2:40	37.869	21.358	34.380	36.031	27.193	29.726	36.530
8/23/12 3:00	38.206	38.081	33.252	8/23/12 3:00	37.867	21.351	34.375	36.031	27.191	29.721	36.530
8/23/12 3:20	38.204	38.081	33.250	8/23/12 3:20	37.867	21.348	34.373	36.029	27.188	29.716	36.525
8/23/12 3:40	38.199	38.076	33.245	8/23/12 3:40	37.862	21.346	34.366	36.024	27.184	29.714	36.520
8/23/12 4:00	38.195	38.071	33.243	8/23/12 4:00	37.862	21.349	34.361	36.024	27.179	29.709	36.518
8/23/12 4:20	38.195	38.067	33.238	8/23/12 4:20	37.860	21.344	34.361	36.022	27.177	29.707	36.513
8/23/12 4:40	38.192	38.069	33.236	8/23/12 4:40	37.862	21.353	34.359	36.024	27.177	29.704	36.513
8/23/12 5:00	38.190	38.064	33.234	8/23/12 5:00	37.865	21.351	34.357	36.024	27.177	29.704	36.511
8/23/12 5:20	38.190	38.064	33.234	8/23/12 5:20	37.865	21.353	34.357	36.024	27.177	29.704	36.509
8/23/12 5:40	38.188	38.062	33.234	8/23/12 5:40	37.867	21.355	34.354	36.026	27.177	29.702	36.509
8/23/12 6:00	38.185	38.060	33.231	8/23/12 6:00	37.869	21.355	34.352	36.029	27.175	29.702	36.504
8/23/12 6:20	38.188	38.062	33.229	8/23/12 6:20	37.867	21.353	34.352	36.026	27.172	29.700	36.502
8/23/12 6:40	38.190	38.062	33.227	8/23/12 6:40	37.865	21.353	34.350	36.024	27.170	29.697	36.499
8/23/12 7:00	38.190	38.064	33.227	8/23/12 7:00	37.867	21.353	34.347	36.024	27.170	29.695	36.499

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/23/12 7:20	38.188	38.064	33.222	8/23/12 7:20	37.862	21.346	34.345	36.019	27.168	29.693	36.494
8/23/12 7:40	38.211	38.097	33.220	8/23/12 7:40	37.865	21.355	34.345	36.022	27.165	29.690	36.497
8/23/12 8:00	38.195	38.069	33.220	8/23/12 8:00	37.862	21.346	34.343	36.024	27.163	29.690	36.497
8/23/12 8:20	38.246	38.146	33.302	8/23/12 8:20	37.865	21.351	34.387	36.024	27.177	29.711	36.504
8/23/12 8:40	38.391	38.340	33.255	8/23/12 8:40	37.867	21.353	34.373	36.031	27.177	29.707	36.518
8/23/12 9:00	38.563	38.644	33.250	8/23/12 9:00	37.869	21.358	34.375	36.038	27.177	29.709	36.525
8/23/12 9:20	38.507	38.518	33.257	8/23/12 9:20	37.872	21.358	34.382	36.043	27.182	29.714	36.546
8/23/12 9:40	38.507	38.448	33.262	8/23/12 9:40	37.869	21.351	34.394	36.045	27.184	29.721	36.560
8/23/12 10:00	38.603	38.632	33.271	8/23/12 10:00	37.874	21.351	34.399	36.050	27.189	29.721	36.574
8/23/12 10:20	38.628	38.684	33.276	8/23/12 10:20	37.876	21.358	34.408	36.052	27.193	29.730	36.588
8/23/12 10:40	38.621	38.614	33.283	8/23/12 10:40	37.881	21.355	34.415	36.057	27.198	29.735	36.595
8/23/12 11:00	38.750	38.840	33.292	8/23/12 11:00	37.879	21.355	34.422	36.059	27.198	29.737	36.607
8/23/12 11:20	38.799	38.873	33.304	8/23/12 11:20	37.872	21.355	34.433	36.061	27.203	29.744	36.621
8/23/12 11:40	38.773	38.845	33.311	8/23/12 11:40	37.874	21.351	34.443	36.064	27.207	29.751	36.642
8/23/12 12:00	38.775	38.822	33.426	8/23/12 12:00	37.876	21.355	34.501	36.064	27.226	29.775	36.661
8/23/12 12:20	38.799	38.864	33.360	8/23/12 12:20	37.872	21.355	34.480	36.064	27.224	29.772	36.679
8/23/12 12:40	38.810	38.866	33.351	8/23/12 12:40	37.869	21.351	34.473	36.061	27.221	29.770	36.691
8/23/12 13:00	38.806	38.892	33.346	8/23/12 13:00	37.865	21.344	34.473	36.059	27.217	29.768	36.689
8/23/12 13:20	38.740	38.794	33.342	8/23/12 13:20	37.853	21.334	34.466	36.052	27.210	29.761	36.686
8/23/12 13:40	38.738	38.798	33.337	8/23/12 13:40	37.851	21.327	34.459	36.045	27.205	29.756	36.684
8/23/12 14:00	38.703	38.721	33.328	8/23/12 14:00	37.846	21.325	34.452	36.040	27.200	29.751	36.675
8/23/12 14:20	38.621	38.621	33.588	8/23/12 14:20	37.841	21.318	34.520	36.036	27.212	29.756	36.670
8/23/12 14:40	38.719	38.817	33.372	8/23/12 14:40	37.834	21.318	34.480	36.038	27.207	29.765	36.684
8/23/12 15:00	38.724	38.787	33.339	8/23/12 15:00	37.823	21.306	34.461	36.029	27.193	29.749	36.679
8/23/12 15:20	38.533	38.459	33.328	8/23/12 15:20	37.818	21.309	34.445	36.022	27.184	29.742	36.670
8/23/12 15:40	38.628	38.630	33.313	8/23/12 15:40	37.813	21.295	34.440	36.017	27.177	29.733	36.663
8/23/12 16:00	38.677	38.770	33.464	8/23/12 16:00	37.809	21.299	34.468	36.017	27.177	29.730	36.656
8/23/12 16:20	38.507	38.431	33.356	8/23/12 16:20	37.811	21.293	34.461	36.017	27.186	29.747	36.668
8/23/12 16:40	38.561	38.485	33.323	8/23/12 16:40	37.806	21.288	34.443	36.012	27.177	29.735	36.661
8/23/12 17:00	38.603	38.611	33.309	8/23/12 17:00	37.804	21.288	34.431	36.008	27.168	29.726	36.647
8/23/12 17:20	38.512	38.452	33.295	8/23/12 17:20	37.797	21.288	34.417	36.001	27.158	29.714	36.635
8/23/12 17:40	38.659	38.686	33.283	8/23/12 17:40	37.788	21.272	34.408	35.996	27.149	29.702	36.618
8/23/12 18:00	38.470	38.457	33.274	8/23/12 18:00	37.783	21.262	34.396	35.991	27.142	29.697	36.614
8/23/12 18:20	38.416	38.303	33.262	8/23/12 18:20	37.776	21.265	34.389	35.984	27.135	29.688	36.604

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/23/12 18:40	38.412	38.310	33.260	8/23/12 18:40	37.781	21.265	34.387	35.989	27.135	29.686	36.597
8/23/12 19:00	38.447	38.396	33.260	8/23/12 19:00	37.793	21.274	34.387	35.994	27.142	29.690	36.593
8/23/12 19:20	38.479	38.401	33.257	8/23/12 19:20	37.804	21.292	34.382	36.001	27.147	29.695	36.583
8/23/12 19:40	38.468	38.408	33.252	8/23/12 19:40	37.800	21.281	34.378	35.996	27.139	29.688	36.574
8/23/12 20:00	38.493	38.487	33.389	8/23/12 20:00	37.790	21.272	34.433	35.989	27.154	29.702	36.569
8/23/12 20:20	38.356	38.251	33.288	8/23/12 20:20	37.806	21.288	34.401	36.001	27.153	29.702	36.583
8/23/12 20:40	38.330	38.205	33.276	8/23/12 20:40	37.832	21.318	34.399	36.019	27.168	29.711	36.581
8/23/12 21:00	38.316	38.188	33.269	8/23/12 21:00	37.841	21.323	34.396	36.024	27.170	29.714	36.572
8/23/12 21:20	38.328	38.200	33.267	8/23/12 21:20	37.851	21.325	34.394	36.031	27.174	29.714	36.567
8/23/12 21:40	38.318	38.188	33.267	8/23/12 21:40	37.862	21.332	34.394	36.040	27.182	29.719	36.565
8/23/12 22:00	38.444	38.305	33.358	8/23/12 22:00	37.869	21.341	34.443	36.045	27.205	29.747	36.569
8/23/12 22:20	38.703	38.688	33.316	8/23/12 22:20	37.883	21.351	34.443	36.071	27.210	29.749	36.588
8/23/12 22:40	38.533	38.480	33.323	8/23/12 22:40	37.893	21.358	34.452	36.082	27.221	29.761	36.616
8/23/12 23:00	38.393	38.277	33.320	8/23/12 23:00	37.895	21.362	34.445	36.071	27.219	29.758	36.625
8/23/12 23:20	38.395	38.275	33.325	8/23/12 23:20	37.923	21.383	34.454	36.092	27.238	29.770	36.628
8/23/12 23:40	38.393	38.244	33.328	8/23/12 23:40	37.937	21.393	34.454	36.096	27.245	29.782	36.625
8/24/12 0:00	38.724	38.745	33.323	8/24/12 0:00	37.928	21.383	34.457	36.103	27.240	29.777	36.616
8/24/12 0:20	38.489	38.466	33.328	8/24/12 0:20	37.921	21.374	34.457	36.096	27.235	29.777	36.630
8/24/12 0:40	38.603	38.588	33.320	8/24/12 0:40	37.902	21.358	34.445	36.080	27.219	29.763	36.630
8/24/12 1:00	38.584	38.546	33.320	8/24/12 1:00	37.904	21.360	34.447	36.082	27.224	29.763	36.632
8/24/12 1:20	38.535	38.464	33.325	8/24/12 1:20	37.911	21.367	34.454	36.089	27.231	29.770	36.637
8/24/12 1:40	38.528	38.483	33.323	8/24/12 1:40	37.900	21.360	34.447	36.080	27.224	29.768	36.637
8/24/12 2:00	38.561	38.574	33.311	8/24/12 2:00	37.881	21.339	34.440	36.068	27.207	29.751	36.630
8/24/12 2:20	38.514	38.502	33.311	8/24/12 2:20	37.876	21.332	34.438	36.064	27.205	29.749	36.630
8/24/12 2:40	38.540	38.502	33.306	8/24/12 2:40	37.865	21.320	34.431	36.059	27.196	29.742	36.630
8/24/12 3:00	38.409	38.340	33.309	8/24/12 3:00	37.867	21.328	34.431	36.057	27.200	29.744	36.632
8/24/12 3:20	38.328	38.216	33.299	8/24/12 3:20	37.862	21.332	34.419	36.045	27.193	29.737	36.618
8/24/12 3:40	38.426	38.340	33.283	8/24/12 3:40	37.855	21.318	34.403	36.040	27.182	29.728	36.600
8/24/12 4:00	38.332	38.244	33.276	8/24/12 4:00	37.851	21.318	34.399	36.040	27.177	29.719	36.586
8/24/12 4:20	38.281	38.160	33.271	8/24/12 4:20	37.860	21.327	34.394	36.043	27.182	29.721	36.581
8/24/12 4:40	38.251	38.130	33.257	8/24/12 4:40	37.841	21.311	34.375	36.043	27.163	29.702	36.560
8/24/12 5:00	38.241	38.111	33.252	8/24/12 5:00	37.855	21.323	34.378	36.047	27.170	29.707	36.553
8/24/12 5:20	38.225	38.102	33.245	8/24/12 5:20	37.851	21.320	34.366	36.047	27.163	29.702	36.541
8/24/12 5:40	38.213	38.090	33.234	8/24/12 5:40	37.848	21.313	34.357	36.047	27.156	29.693	36.527

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/24/12 6:00	38.202	38.081	33.227	8/24/12 6:00	37.841	21.311	34.347	36.045	27.149	29.686	36.516
8/24/12 6:20	38.190	38.067	33.217	8/24/12 6:20	37.837	21.302	34.340	36.045	27.139	29.674	36.506
8/24/12 6:40	38.195	38.064	33.213	8/24/12 6:40	37.839	21.304	34.336	36.045	27.139	29.672	36.497
8/24/12 7:00	38.302	38.233	33.213	8/24/12 7:00	37.841	21.304	34.338	36.050	27.142	29.674	36.497
8/24/12 7:20	38.220	38.109	33.217	8/24/12 7:20	37.851	21.311	34.343	36.047	27.149	29.681	36.504
8/24/12 7:40	38.225	38.104	33.278	8/24/12 7:40	37.855	21.320	34.380	36.043	27.165	29.702	36.513
8/24/12 8:00	38.211	38.086	33.243	8/24/12 8:00	37.865	21.323	34.361	36.043	27.163	29.695	36.516
8/24/12 8:20	38.213	38.097	33.231	8/24/12 8:20	37.869	21.330	34.354	36.043	27.161	29.693	36.506
8/24/12 8:40	38.190	38.071	33.217	8/24/12 8:40	37.862	21.327	34.343	36.043	27.151	29.683	36.497
8/24/12 9:00	38.169	38.034	33.203	8/24/12 9:00	37.881	21.337	34.329	36.040	27.144	29.674	36.471
8/24/12 9:20	38.146	38.020	33.187	8/24/12 9:20	37.883	21.337	34.315	36.040	27.135	29.665	36.443
8/24/12 9:40	38.122	38.001	33.173	8/24/12 9:40	37.876	21.330	34.294	36.038	27.123	29.648	36.420
8/24/12 10:00	38.146	38.048	33.156	8/24/12 10:00	37.872	21.320	34.289	36.040	27.116	29.644	36.403
8/24/12 10:20	38.148	38.043	33.156	8/24/12 10:20	37.874	21.320	34.289	36.040	27.116	29.646	36.408
8/24/12 10:40	38.141	38.032	33.159	8/24/12 10:40	37.872	21.320	34.289	36.040	27.118	29.644	36.417
8/24/12 11:00	38.218	38.144	33.161	8/24/12 11:00	37.869	21.325	34.291	36.043	27.118	29.646	36.422
8/24/12 11:20	38.213	38.090	33.163	8/24/12 11:20	37.865	21.323	34.291	36.040	27.125	29.644	36.429
8/24/12 11:40	38.155	38.043	33.163	8/24/12 11:40	37.865	21.320	34.289	36.040	27.130	29.641	36.434
8/24/12 12:00	38.153	38.041	33.163	8/24/12 12:00	37.860	21.311	34.289	36.040	27.116	29.639	36.436
8/24/12 12:20	38.232	38.109	33.161	8/24/12 12:20	37.855	21.306	34.291	36.038	27.114	29.637	36.436
8/24/12 12:40	38.169	38.055	33.213	8/24/12 12:40	37.851	21.299	34.317	36.038	27.128	29.653	36.450
8/24/12 13:00	38.155	38.039	33.182	8/24/12 13:00	37.846	21.299	34.298	36.038	27.128	29.641	36.450
8/24/12 13:20	38.155	38.041	33.170	8/24/12 13:20	37.839	21.297	34.289	36.038	27.125	29.632	36.448
8/24/12 13:40	38.220	38.132	33.159	8/24/12 13:40	37.832	21.281	34.280	36.036	27.093	29.625	36.443
8/24/12 14:00	38.267	38.195	33.154	8/24/12 14:00	37.825	21.283	34.277	36.040	27.088	29.616	36.438
8/24/12 14:20	38.265	38.223	33.154	8/24/12 14:20	37.820	21.276	34.277	36.043	27.083	29.613	36.443
8/24/12 14:40	38.260	38.193	33.154	8/24/12 14:40	37.813	21.262	34.280	36.045	27.081	29.613	36.452
8/24/12 15:00	38.213	38.093	33.250	8/24/12 15:00	37.807	21.262	34.322	36.040	27.090	29.630	36.462
8/24/12 15:20	38.426	38.415	33.182	8/24/12 15:20	37.802	21.255	34.298	36.043	27.081	29.618	36.471
8/24/12 15:40	38.442	38.492	33.170	8/24/12 15:40	37.795	21.255	34.287	36.045	27.072	29.611	36.473
8/24/12 16:00	38.475	38.457	33.166	8/24/12 16:00	37.793	21.253	34.289	36.047	27.069	29.609	36.476
8/24/12 16:20	38.470	38.455	33.163	8/24/12 16:20	37.790	21.251	34.284	36.047	27.067	29.604	36.480
8/24/12 16:40	38.409	38.399	33.168	8/24/12 16:40	37.790	21.251	34.296	36.050	27.069	29.606	36.492
8/24/12 17:00	38.297	38.195	33.168	8/24/12 17:00	37.786	21.244	34.294	36.047	27.065	29.604	36.494

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/24/12 17:20	38.416	38.403	33.231	8/24/12 17:20	37.781	21.241	34.336	36.045	27.079	29.625	36.511
8/24/12 17:40	38.423	38.368	33.203	8/24/12 17:40	37.790	21.244	34.326	36.043	27.079	29.623	36.525
8/24/12 18:00	38.537	38.518	33.201	8/24/12 18:00	37.793	21.248	34.326	36.043	27.081	29.627	36.534
8/24/12 18:20	38.295	38.179	33.199	8/24/12 18:20	37.800	21.258	34.319	36.036	27.083	29.627	36.537
8/24/12 18:40	38.260	38.160	33.189	8/24/12 18:40	37.802	21.258	34.308	36.033	27.079	29.623	36.523
8/24/12 19:00	38.216	38.095	33.177	8/24/12 19:00	37.802	21.255	34.298	36.029	27.076	29.616	36.506
8/24/12 19:20	38.253	38.160	33.163	8/24/12 19:20	37.800	21.251	34.287	36.026	27.067	29.609	36.487
8/24/12 19:40	38.197	38.081	33.159	8/24/12 19:40	37.802	21.253	34.282	36.024	27.067	29.604	36.476
8/24/12 20:00	38.197	38.074	33.356	8/24/12 20:00	37.809	21.260	34.352	36.024	27.090	29.625	36.471
8/24/12 20:20	38.183	38.057	33.201	8/24/12 20:20	37.813	21.262	34.310	36.024	27.083	29.625	36.480
8/24/12 20:40	38.167	38.041	33.173	8/24/12 20:40	37.813	21.255	34.289	36.024	27.074	29.613	36.471
8/24/12 21:00	38.157	38.032	33.159	8/24/12 21:00	37.816	21.255	34.282	36.022	27.069	29.609	36.459
8/24/12 21:20	38.148	38.022	33.152	8/24/12 21:20	37.820	21.258	34.273	36.022	27.067	29.602	36.450
8/24/12 21:40	38.146	38.020	33.147	8/24/12 21:40	37.825	21.265	34.273	36.022	27.069	29.604	36.443
8/24/12 22:00	38.157	38.034	33.147	8/24/12 22:00	37.832	21.265	34.268	36.022	27.072	29.606	36.441
8/24/12 22:20	38.150	38.025	33.142	8/24/12 22:20	37.837	21.274	34.268	36.022	27.072	29.604	36.438
8/24/12 22:40	38.143	38.018	33.142	8/24/12 22:40	37.839	21.272	34.263	36.022	27.072	29.602	36.436
8/24/12 23:00	38.141	38.013	33.138	8/24/12 23:00	37.839	21.272	34.263	36.022	27.067	29.599	36.431
8/24/12 23:20	38.162	38.069	33.135	8/24/12 23:20	37.839	21.272	34.259	36.022	27.067	29.599	36.431
8/24/12 23:40	38.155	38.036	33.135	8/24/12 23:40	37.839	21.272	34.259	36.022	27.065	29.597	36.429
8/25/12 0:00	38.141	38.015	33.135	8/25/12 0:00	37.844	21.274	34.261	36.022	27.065	29.599	36.431
8/25/12 0:20	38.272	38.254	33.241	8/25/12 0:20	37.825	21.258	34.305	36.019	27.069	29.604	36.429
8/25/12 0:40	38.185	38.088	33.163	8/25/12 0:40	37.830	21.260	34.277	36.019	27.065	29.604	36.448
8/25/12 1:00	38.146	38.022	33.145	8/25/12 1:00	37.825	21.248	34.259	36.015	27.053	29.592	36.441
8/25/12 1:20	38.132	38.006	33.133	8/25/12 1:20	37.823	21.246	34.252	36.017	27.048	29.585	36.436
8/25/12 1:40	38.139	38.008	33.138	8/25/12 1:40	37.846	21.279	34.261	36.022	27.065	29.595	36.436
8/25/12 2:00	38.129	38.001	33.133	8/25/12 2:00	37.844	21.272	34.256	36.026	27.060	29.590	36.431
8/25/12 2:20	38.141	38.011	33.133	8/25/12 2:20	37.855	21.279	34.259	36.026	27.065	29.597	36.429
8/25/12 2:40	38.120	38.001	33.126	8/25/12 2:40	37.844	21.265	34.245	36.026	27.053	29.588	36.422
8/25/12 3:00	38.120	37.990	33.123	8/25/12 3:00	37.851	21.272	34.249	36.026	27.060	29.588	36.420
8/25/12 3:20	38.120	37.990	33.128	8/25/12 3:20	37.860	21.274	34.254	36.024	27.065	29.595	36.422
8/25/12 3:40	38.146	38.029	33.131	8/25/12 3:40	37.869	21.281	34.256	36.024	27.058	29.599	36.422
8/25/12 4:00	38.129	37.999	33.131	8/25/12 4:00	37.869	21.286	34.256	36.024	27.055	29.599	36.427
8/25/12 4:20	38.132	38.001	33.138	8/25/12 4:20	37.881	21.290	34.263	36.024	27.055	29.606	36.429

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/25/12 4:40	38.127	38.001	33.133	8/25/12 4:40	37.872	21.281	34.256	36.024	27.055	29.599	36.429
8/25/12 5:00	38.123	37.994	33.126	8/25/12 5:00	37.865	21.274	34.249	36.024	27.058	29.592	36.422
8/25/12 5:20	38.125	37.994	33.128	8/25/12 5:20	37.869	21.276	34.252	36.024	27.053	29.592	36.422
8/25/12 5:40	38.122	37.994	33.126	8/25/12 5:40	37.867	21.274	34.249	36.024	27.053	29.592	36.422
8/25/12 6:00	38.129	37.992	33.131	8/25/12 6:00	37.879	21.292	34.256	36.024	27.046	29.599	36.427
8/25/12 6:20	38.134	37.999	33.135	8/25/12 6:20	37.883	21.292	34.261	36.022	27.041	29.602	36.431
8/25/12 6:40	38.132	38.004	33.138	8/25/12 6:40	37.886	21.290	34.261	36.024	27.041	29.604	36.431
8/25/12 7:00	38.139	38.008	33.138	8/25/12 7:00	37.886	21.286	34.261	36.024	27.041	29.604	36.434
8/25/12 7:20	38.139	38.013	33.140	8/25/12 7:20	37.888	21.286	34.263	36.024	27.044	29.606	36.436
8/25/12 7:40	38.139	38.011	33.138	8/25/12 7:40	37.881	21.281	34.261	36.024	27.044	29.602	36.436
8/25/12 8:00	38.141	38.008	33.140	8/25/12 8:00	37.888	21.283	34.263	36.022	27.053	29.606	36.436
8/25/12 8:20	38.139	38.011	33.140	8/25/12 8:20	37.888	21.286	34.263	36.022	27.069	29.606	36.438
8/25/12 8:40	38.162	38.032	33.229	8/25/12 8:40	37.886	21.283	34.310	36.022	27.088	29.627	36.448
8/25/12 9:00	38.155	38.029	33.177	8/25/12 9:00	37.893	21.281	34.291	36.022	27.088	29.625	36.459
8/25/12 9:20	38.155	38.029	33.166	8/25/12 9:20	37.893	21.288	34.284	36.022	27.090	29.620	36.457
8/25/12 9:40	38.153	38.025	33.161	8/25/12 9:40	37.897	21.288	34.282	36.022	27.093	29.620	36.455
8/25/12 10:00	38.155	38.027	33.159	8/25/12 10:00	37.902	21.295	34.282	36.024	27.097	29.623	36.455
8/25/12 10:20	38.155	38.036	33.161	8/25/12 10:20	37.904	21.297	34.280	36.024	27.097	29.623	36.455
8/25/12 10:40	38.155	38.032	33.161	8/25/12 10:40	37.909	21.299	34.284	36.022	27.100	29.625	36.455
8/25/12 11:00	38.157	38.029	33.163	8/25/12 11:00	37.916	21.309	34.289	36.024	27.107	29.632	36.457
8/25/12 11:20	38.160	38.032	33.166	8/25/12 11:20	37.921	21.309	34.289	36.026	27.107	29.634	36.459
8/25/12 11:40	38.160	38.032	33.168	8/25/12 11:40	37.921	21.309	34.291	36.026	27.111	29.637	36.459
8/25/12 12:00	38.160	38.034	33.168	8/25/12 12:00	37.923	21.306	34.291	36.026	27.111	29.637	36.462
8/25/12 12:20	38.160	38.036	33.168	8/25/12 12:20	37.923	21.306	34.291	36.024	27.111	29.637	36.459
8/25/12 12:40	38.167	38.039	33.417	8/25/12 12:40	37.921	21.299	34.343	36.024	27.116	29.637	36.459
8/25/12 13:00	38.183	38.055	33.227	8/25/12 13:00	37.921	21.299	34.326	36.026	27.125	29.660	36.478
8/25/12 13:20	38.174	38.050	33.196	8/25/12 13:20	37.918	21.299	34.315	36.026	27.118	29.651	36.480
8/25/12 13:40	38.169	38.050	33.182	8/25/12 13:40	37.911	21.297	34.303	36.026	27.111	29.644	36.476
8/25/12 14:00	38.167	38.048	33.175	8/25/12 14:00	37.907	21.283	34.296	36.026	27.107	29.637	36.473
8/25/12 14:20	38.164	38.041	33.170	8/25/12 14:20	37.907	21.288	34.294	36.026	27.104	29.634	36.469
8/25/12 14:40	38.157	38.039	33.163	8/25/12 14:40	37.895	21.274	34.287	36.026	27.095	29.627	36.464
8/25/12 15:00	38.155	38.034	33.156	8/25/12 15:00	37.888	21.267	34.277	36.026	27.088	29.618	36.459
8/25/12 15:20	38.150	38.022	33.154	8/25/12 15:20	37.883	21.262	34.275	36.026	27.086	29.616	36.457
8/25/12 15:40	38.155	38.027	33.154	8/25/12 15:40	37.886	21.267	34.275	36.026	27.086	29.616	36.457

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/25/12 16:00	38.169	38.043	33.210	8/25/12 16:00	37.886	21.262	34.312	36.026	27.102	29.639	36.469
8/25/12 16:20	38.188	38.071	33.180	8/25/12 16:20	37.881	21.267	34.296	36.029	27.095	29.627	36.471
8/25/12 16:40	38.167	38.039	33.170	8/25/12 16:40	37.879	21.260	34.287	36.026	27.090	29.623	36.471
8/25/12 17:00	38.164	38.036	33.166	8/25/12 17:00	37.883	21.267	34.287	36.029	27.093	29.623	36.469
8/25/12 17:20	38.167	38.041	33.166	8/25/12 17:20	37.890	21.274	34.289	36.031	27.095	29.625	36.469
8/25/12 17:40	38.178	38.053	33.166	8/25/12 17:40	37.888	21.267	34.287	36.031	27.095	29.625	36.469
8/25/12 18:00	38.370	38.272	33.173	8/25/12 18:00	37.895	21.272	34.301	36.040	27.102	29.630	36.476
8/25/12 18:20	38.365	38.331	33.184	8/25/12 18:20	37.895	21.272	34.315	36.045	27.109	29.639	36.494
8/25/12 18:40	38.568	38.560	33.431	8/25/12 18:40	37.888	21.262	34.373	36.050	27.114	29.644	36.516
8/25/12 19:00	38.661	38.705	33.487	8/25/12 19:00	37.888	21.255	34.431	36.052	27.142	29.679	36.558
8/25/12 19:20	38.570	38.590	33.290	8/25/12 19:20	37.890	21.258	34.396	36.050	27.144	29.690	36.593
8/25/12 19:40	38.442	38.340	33.264	8/25/12 19:40	37.890	21.262	34.382	36.047	27.139	29.686	36.595
8/25/12 20:00	38.386	38.256	33.260	8/25/12 20:00	37.897	21.262	34.380	36.047	27.149	29.688	36.593
8/25/12 20:20	38.367	38.240	33.260	8/25/12 20:20	37.907	21.274	34.380	36.047	27.154	29.695	36.590
8/25/12 20:40	38.335	38.207	33.255	8/25/12 20:40	37.907	21.276	34.378	36.045	27.154	29.693	36.586
8/25/12 21:00	38.314	38.186	33.252	8/25/12 21:00	37.916	21.281	34.375	36.047	27.158	29.697	36.581
8/25/12 21:20	38.295	38.167	33.250	8/25/12 21:20	37.918	21.281	34.371	36.047	27.158	29.695	36.574
8/25/12 21:40	38.279	38.149	33.245	8/25/12 21:40	37.923	21.286	34.371	36.047	27.158	29.697	36.565
8/25/12 22:00	38.262	38.137	33.245	8/25/12 22:00	37.925	21.283	34.366	36.047	27.161	29.697	36.560
8/25/12 22:20	38.253	38.128	33.238	8/25/12 22:20	37.925	21.283	34.361	36.045	27.158	29.693	36.553
8/25/12 22:40	38.251	38.123	33.238	8/25/12 22:40	37.932	21.290	34.364	36.047	27.165	29.697	36.548
8/25/12 23:00	38.244	38.116	33.243	8/25/12 23:00	37.942	21.302	34.366	36.050	27.170	29.702	36.548
8/25/12 23:20	38.237	38.109	33.238	8/25/12 23:20	37.937	21.295	34.361	36.050	27.165	29.700	36.541
8/25/12 23:40	38.237	38.109	33.236	8/25/12 23:40	37.939	21.292	34.361	36.050	27.168	29.700	36.539
8/26/12 0:00	38.230	38.100	33.234	8/26/12 0:00	37.937	21.290	34.359	36.047	27.165	29.697	36.534
8/26/12 0:20	38.225	38.097	33.229	8/26/12 0:20	37.935	21.286	34.354	36.047	27.163	29.693	36.532
8/26/12 0:40	38.220	38.093	33.227	8/26/12 0:40	37.930	21.283	34.350	36.047	27.158	29.690	36.527
8/26/12 1:00	38.213	38.088	33.222	8/26/12 1:00	37.923	21.272	34.345	36.045	27.154	29.686	36.525
8/26/12 1:20	38.234	38.109	33.297	8/26/12 1:20	37.925	21.276	34.387	36.045	27.172	29.709	36.532
8/26/12 1:40	38.227	38.100	33.252	8/26/12 1:40	37.928	21.272	34.368	36.045	27.168	29.702	36.539
8/26/12 2:00	38.225	38.100	33.243	8/26/12 2:00	37.935	21.281	34.361	36.047	27.170	29.702	36.539
8/26/12 2:20	38.225	38.097	33.241	8/26/12 2:20	37.939	21.286	34.364	36.047	27.172	29.704	36.537
8/26/12 2:40	38.220	38.093	33.238	8/26/12 2:40	37.935	21.278	34.359	36.047	27.168	29.700	36.532
8/26/12 3:00	38.227	38.100	33.435	8/26/12 3:00	37.942	21.283	34.403	36.050	27.179	29.704	36.534

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/26/12 3:20	38.239	38.111	33.283	8/26/12 3:20	37.939	21.279	34.392	36.047	27.186	29.723	36.548
8/26/12 3:40	38.234	38.107	33.260	8/26/12 3:40	37.939	21.278	34.380	36.047	27.182	29.716	36.548
8/26/12 4:00	38.232	38.104	33.252	8/26/12 4:00	37.939	21.276	34.373	36.050	27.179	29.711	36.546
8/26/12 4:20	38.232	38.104	33.252	8/26/12 4:20	37.944	21.283	34.375	36.050	27.184	29.714	36.546
8/26/12 4:40	38.234	38.104	33.250	8/26/12 4:40	37.949	21.281	34.375	36.050	27.189	29.716	36.546
8/26/12 5:00	38.237	38.109	33.255	8/26/12 5:00	37.958	21.288	34.380	36.050	27.196	29.723	36.548
8/26/12 5:20	38.237	38.109	33.255	8/26/12 5:20	37.958	21.286	34.380	36.050	27.196	29.726	36.548
8/26/12 5:40	38.234	38.107	33.252	8/26/12 5:40	37.951	21.281	34.375	36.050	27.191	29.723	36.548
8/26/12 6:00	38.239	38.111	33.255	8/26/12 6:00	37.953	21.281	34.378	36.052	27.193	29.721	36.551
8/26/12 6:20	38.239	38.109	33.255	8/26/12 6:20	37.953	21.279	34.380	36.050	27.196	29.723	36.551
8/26/12 6:40	38.244	38.114	33.260	8/26/12 6:40	37.960	21.288	34.385	36.052	27.203	29.730	36.555
8/26/12 7:00	38.251	38.123	33.267	8/26/12 7:00	37.974	21.292	34.394	36.057	27.212	29.740	36.562
8/26/12 7:20	38.258	38.130	33.276	8/26/12 7:20	37.981	21.297	34.399	36.057	27.221	29.747	36.567
8/26/12 7:40	38.255	38.128	33.278	8/26/12 7:40	37.979	21.302	34.401	36.057	27.221	29.749	36.569
8/26/12 8:00	38.260	38.132	33.281	8/26/12 8:00	37.983	21.302	34.406	36.057	27.228	29.754	36.574
8/26/12 8:20	38.267	38.137	33.288	8/26/12 8:20	37.988	21.304	34.410	36.061	27.233	29.758	36.579
8/26/12 8:40	38.274	38.144	33.292	8/26/12 8:40	37.995	21.311	34.417	36.061	27.240	29.763	36.581
8/26/12 9:00	38.274	38.146	33.297	8/26/12 9:00	37.997	21.311	34.422	36.064	27.245	29.770	36.586
8/26/12 9:20	38.297	38.172	33.377	8/26/12 9:20	38.000	21.309	34.468	36.066	27.266	29.796	36.600
8/26/12 9:40	38.293	38.165	33.335	8/26/12 9:40	37.997	21.311	34.450	36.068	27.259	29.789	36.611
8/26/12 10:00	38.290	38.165	33.325	8/26/12 10:00	38.002	21.311	34.443	36.071	27.261	29.791	36.611
8/26/12 10:20	38.295	38.167	33.323	8/26/12 10:20	38.004	21.320	34.443	36.073	27.263	29.791	36.611
8/26/12 10:40	38.293	38.167	33.320	8/26/12 10:40	38.004	21.316	34.445	36.075	27.266	29.791	36.611
8/26/12 11:00	38.293	38.165	33.320	8/26/12 11:00	38.002	21.316	34.443	36.075	27.266	29.793	36.611
8/26/12 11:20	38.293	38.165	33.318	8/26/12 11:20	37.995	21.304	34.438	36.075	27.261	29.789	36.609
8/26/12 11:40	38.290	38.163	33.313	8/26/12 11:40	37.988	21.297	34.436	36.073	27.256	29.784	36.609
8/26/12 12:00	38.288	38.163	33.313	8/26/12 12:00	37.986	21.295	34.433	36.073	27.256	29.784	36.607
8/26/12 12:20	38.293	38.167	33.311	8/26/12 12:20	37.983	21.297	34.433	36.073	27.256	29.784	36.607
8/26/12 12:40	38.304	38.179	33.313	8/26/12 12:40	37.981	21.290	34.436	36.073	27.256	29.784	36.607
8/26/12 13:00	38.304	38.177	33.311	8/26/12 13:00	37.974	21.290	34.433	36.071	27.254	29.782	36.604
8/26/12 13:20	38.318	38.193	33.367	8/26/12 13:20	37.970	21.288	34.480	36.071	27.266	29.800	36.621
8/26/12 13:40	38.328	38.202	33.398	8/26/12 13:40	37.963	21.281	34.487	36.068	27.273	29.812	36.637
8/26/12 14:00	38.311	38.184	33.349	8/26/12 14:00	37.951	21.265	34.459	36.064	27.256	29.793	36.635
8/26/12 14:20	38.304	38.179	33.330	8/26/12 14:20	37.946	21.260	34.447	36.064	27.249	29.784	36.625

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/26/12 14:40	38.300	38.174	33.320	8/26/12 14:40	37.942	21.260	34.440	36.061	27.245	29.777	36.618
8/26/12 15:00	38.297	38.170	33.311	8/26/12 15:00	37.935	21.253	34.431	36.059	27.238	29.772	36.611
8/26/12 15:20	38.288	38.163	33.302	8/26/12 15:20	37.925	21.248	34.422	36.057	27.231	29.763	36.604
8/26/12 15:40	38.279	38.153	33.295	8/26/12 15:40	37.918	21.239	34.415	36.052	27.224	29.758	36.597
8/26/12 16:00	38.267	38.142	33.288	8/26/12 16:00	37.909	21.234	34.410	36.050	27.217	29.749	36.590
8/26/12 16:20	38.262	38.137	33.283	8/26/12 16:20	37.907	21.227	34.403	36.047	27.212	29.744	36.586
8/26/12 16:40	38.281	38.153	33.353	8/26/12 16:40	37.902	21.225	34.445	36.045	27.226	29.765	36.593
8/26/12 17:00	38.267	38.142	33.309	8/26/12 17:00	37.897	21.216	34.419	36.043	27.217	29.754	36.595
8/26/12 17:20	38.260	38.132	33.292	8/26/12 17:20	37.895	21.220	34.406	36.040	27.210	29.744	36.590
8/26/12 17:40	38.258	38.128	33.281	8/26/12 17:40	37.895	21.216	34.403	36.040	27.207	29.740	36.583
8/26/12 18:00	38.253	38.125	33.278	8/26/12 18:00	37.897	21.220	34.401	36.043	27.207	29.742	36.579
8/26/12 18:20	38.251	38.123	33.276	8/26/12 18:20	37.897	21.223	34.399	36.043	27.207	29.740	36.576
8/26/12 18:40	38.272	38.144	33.393	8/26/12 18:40	37.895	21.216	34.452	36.043	27.224	29.761	36.579
8/26/12 19:00	38.260	38.135	33.311	8/26/12 19:00	37.897	21.213	34.422	36.043	27.217	29.754	36.590
8/26/12 19:20	38.258	38.130	33.295	8/26/12 19:20	37.902	21.218	34.410	36.043	27.214	29.749	36.586
8/26/12 19:40	38.255	38.125	33.288	8/26/12 19:40	37.902	21.218	34.408	36.045	27.214	29.747	36.583
8/26/12 20:00	38.258	38.130	33.506	8/26/12 20:00	37.916	21.227	34.457	36.050	27.226	29.754	36.583
8/26/12 20:20	38.276	38.151	33.344	8/26/12 20:20	37.921	21.234	34.447	36.052	27.240	29.777	36.600
8/26/12 20:40	38.272	38.144	33.320	8/26/12 20:40	37.928	21.243	34.436	36.054	27.242	29.775	36.602
8/26/12 21:00	38.272	38.144	33.311	8/26/12 21:00	37.935	21.246	34.431	36.057	27.242	29.772	36.600
8/26/12 21:20	38.276	38.149	33.311	8/26/12 21:20	37.944	21.250	34.433	36.061	27.249	29.777	36.600
8/26/12 21:40	38.279	38.149	33.311	8/26/12 21:40	37.946	21.248	34.436	36.061	27.252	29.779	36.600
8/26/12 22:00	38.281	38.153	33.313	8/26/12 22:00	37.953	21.257	34.438	36.064	27.256	29.784	36.602
8/26/12 22:20	38.286	38.156	33.318	8/26/12 22:20	37.965	21.269	34.443	36.068	27.263	29.791	36.604
8/26/12 22:40	38.286	38.158	33.320	8/26/12 22:40	37.970	21.264	34.445	36.071	27.268	29.796	36.607
8/26/12 23:00	38.288	38.158	33.323	8/26/12 23:00	37.972	21.274	34.447	36.073	27.270	29.798	36.611
8/26/12 23:20	38.293	38.163	33.325	8/26/12 23:20	37.976	21.269	34.452	36.075	27.275	29.803	36.614
8/26/12 23:40	38.293	38.165	33.328	8/26/12 23:40	37.979	21.262	34.452	36.075	27.277	29.803	36.616
8/27/12 0:00	38.293	38.165	33.330	8/27/12 0:00	37.976	21.267	34.454	36.075	27.277	29.805	36.616
8/27/12 0:20	38.293	38.165	33.328	8/27/12 0:20	37.977	21.267	34.454	36.075	27.277	29.803	36.616
8/27/12 0:40	38.295	38.167	33.330	8/27/12 0:40	37.979	21.264	34.454	36.075	27.282	29.805	36.618
8/27/12 1:00	38.314	38.188	33.433	8/27/12 1:00	37.974	21.267	34.503	36.073	27.296	29.826	36.623
8/27/12 1:20	38.307	38.181	33.365	8/27/12 1:20	37.972	21.255	34.475	36.073	27.289	29.819	36.635
8/27/12 1:40	38.300	38.172	33.349	8/27/12 1:40	37.967	21.255	34.466	36.071	27.282	29.812	36.632

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/27/12 2:00	38.300	38.172	33.339	8/27/12 2:00	37.963	21.246	34.461	36.071	27.277	29.807	36.630
8/27/12 2:20	38.297	38.170	33.337	8/27/12 2:20	37.963	21.250	34.459	36.071	27.277	29.807	36.628
8/27/12 2:40	38.295	38.167	33.335	8/27/12 2:40	37.963	21.243	34.457	36.071	27.275	29.805	36.625
8/27/12 3:00	38.295	38.167	33.332	8/27/12 3:00	37.960	21.239	34.454	36.068	27.275	29.805	36.623
8/27/12 3:20	38.293	38.165	33.330	8/27/12 3:20	37.958	21.241	34.454	36.068	27.275	29.803	36.621
8/27/12 3:40	38.295	38.165	33.332	8/27/12 3:40	37.963	21.246	34.454	36.071	27.277	29.805	36.623
8/27/12 4:00	38.297	38.167	33.335	8/27/12 4:00	37.963	21.243	34.454	36.068	27.280	29.805	36.623
8/27/12 4:20	38.297	38.167	33.335	8/27/12 4:20	37.965	21.248	34.459	36.071	27.282	29.807	36.625
8/27/12 4:40	38.295	38.170	33.335	8/27/12 4:40	37.965	21.241	34.457	36.071	27.282	29.810	36.625
8/27/12 5:00	38.302	38.172	33.339	8/27/12 5:00	37.970	21.246	34.461	36.073	27.287	29.812	36.628
8/27/12 5:20	38.302	38.172	33.339	8/27/12 5:20	37.967	21.246	34.461	36.073	27.287	29.812	36.630
8/27/12 5:40	38.302	38.172	33.339	8/27/12 5:40	37.967	21.246	34.461	36.073	27.287	29.814	36.632
8/27/12 6:00	38.309	38.179	33.346	8/27/12 6:00	37.974	21.246	34.468	36.073	27.294	29.819	36.637
8/27/12 6:20	38.316	38.184	33.351	8/27/12 6:20	37.979	21.255	34.475	36.078	27.298	29.826	36.639
8/27/12 6:40	38.323	38.193	33.353	8/27/12 6:40	37.981	21.255	34.480	36.078	27.303	29.828	36.644
8/27/12 7:00	38.330	38.200	33.360	8/27/12 7:00	37.988	21.264	34.485	36.082	27.312	29.835	36.651
8/27/12 7:20	38.353	38.226	33.492	8/27/12 7:20	37.993	21.267	34.545	36.082	27.336	29.861	36.661
8/27/12 7:40	38.349	38.223	33.410	8/27/12 7:40	37.990	21.262	34.520	36.082	27.331	29.861	36.677
8/27/12 8:00	38.349	38.221	33.398	8/27/12 8:00	38.000	21.267	34.515	36.087	27.333	29.861	36.682
8/27/12 8:20	38.351	38.223	33.396	8/27/12 8:20	38.004	21.276	34.517	36.089	27.338	29.863	36.684
8/27/12 8:40	38.351	38.221	33.396	8/27/12 8:40	38.004	21.274	34.517	36.089	27.340	29.866	36.684
8/27/12 9:00	38.349	38.221	33.396	8/27/12 9:00	38.002	21.274	34.515	36.087	27.338	29.866	36.684
8/27/12 9:20	38.351	38.221	33.480	8/27/12 9:20	37.997	21.271	34.545	36.087	27.340	29.866	36.684
8/27/12 9:40	38.365	38.237	33.440	8/27/12 9:40	37.995	21.269	34.543	36.087	27.350	29.882	36.700
8/27/12 10:00	38.358	38.233	33.417	8/27/12 10:00	37.993	21.269	34.529	36.085	27.343	29.875	36.700
8/27/12 10:20	38.358	38.233	33.410	8/27/12 10:20	37.995	21.267	34.529	36.087	27.345	29.873	36.700
8/27/12 10:40	38.356	38.228	33.407	8/27/12 10:40	37.995	21.264	34.524	36.087	27.345	29.873	36.698
8/27/12 11:00	38.356	38.228	33.403	8/27/12 11:00	37.995	21.267	34.522	36.087	27.345	29.873	36.696
8/27/12 11:20	38.349	38.221	33.396	8/27/12 11:20	37.986	21.260	34.517	36.082	27.338	29.868	36.691
8/27/12 11:40	38.346	38.219	33.391	8/27/12 11:40	37.979	21.260	34.513	36.080	27.333	29.863	36.689
8/27/12 12:00	38.342	38.214	33.389	8/27/12 12:00	37.974	21.250	34.508	36.078	27.329	29.859	36.682
8/27/12 12:20	38.358	38.237	33.454	8/27/12 12:20	37.967	21.246	34.545	36.075	27.343	29.877	36.693
8/27/12 12:40	38.370	38.244	33.550	8/27/12 12:40	37.958	21.239	34.583	36.073	27.350	29.887	36.698
8/27/12 13:00	38.356	38.230	33.435	8/27/12 13:00	37.951	21.227	34.541	36.071	27.333	29.873	36.705

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/27/12 13:20	38.339	38.214	33.405	8/27/12 13:20	37.939	21.227	34.515	36.066	27.317	29.856	36.693
8/27/12 13:40	38.332	38.207	33.386	8/27/12 13:40	37.928	21.216	34.501	36.061	27.305	29.842	36.682
8/27/12 14:00	38.393	38.324	33.445	8/27/12 14:00	37.918	21.209	34.531	36.059	27.315	29.856	36.679
8/27/12 14:20	38.328	38.205	33.396	8/27/12 14:20	37.916	21.204	34.506	36.057	27.301	29.840	36.679
8/27/12 14:40	38.316	38.191	33.372	8/27/12 14:40	37.909	21.195	34.487	36.052	27.291	29.828	36.668
8/27/12 15:00	38.304	38.179	33.356	8/27/12 15:00	37.897	21.192	34.473	36.045	27.280	29.817	36.656
8/27/12 15:20	38.295	38.167	33.344	8/27/12 15:20	37.890	21.178	34.464	36.043	27.270	29.805	36.642
8/27/12 15:40	38.283	38.158	33.332	8/27/12 15:40	37.881	21.176	34.452	36.040	27.261	29.796	36.635
8/27/12 16:00	38.279	38.153	33.323	8/27/12 16:00	37.876	21.162	34.445	36.036	27.252	29.786	36.625
8/27/12 16:20	38.267	38.141	33.316	8/27/12 16:20	37.869	21.157	34.433	36.033	27.245	29.779	36.616
8/27/12 16:40	38.262	38.135	33.306	8/27/12 16:40	37.862	21.153	34.426	36.031	27.238	29.772	36.609
8/27/12 17:00	38.258	38.130	33.302	8/27/12 17:00	37.858	21.146	34.422	36.029	27.231	29.765	36.602
8/27/12 17:20	38.269	38.142	33.473	8/27/12 17:20	37.858	21.146	34.475	36.026	27.245	29.772	36.597
8/27/12 17:40	38.265	38.137	33.332	8/27/12 17:40	37.853	21.141	34.438	36.026	27.233	29.772	36.609
8/27/12 18:00	38.253	38.125	33.306	8/27/12 18:00	37.848	21.134	34.422	36.024	27.224	29.763	36.602
8/27/12 18:20	38.251	38.123	33.295	8/27/12 18:20	37.848	21.141	34.412	36.022	27.219	29.756	36.595
8/27/12 18:40	38.241	38.114	33.288	8/27/12 18:40	37.848	21.139	34.408	36.022	27.214	29.751	36.588
8/27/12 19:00	38.258	38.128	33.283	8/27/12 19:00	37.844	21.134	34.403	36.022	27.212	29.747	36.586
8/27/12 19:20	38.276	38.149	33.281	8/27/12 19:20	37.844	21.132	34.403	36.019	27.212	29.744	36.581
8/27/12 19:40	38.295	38.167	33.349	8/27/12 19:40	37.844	21.132	34.443	36.019	27.226	29.765	36.595
8/27/12 20:00	38.288	38.160	33.311	8/27/12 20:00	37.851	21.136	34.426	36.024	27.221	29.758	36.604
8/27/12 20:20	38.283	38.153	33.302	8/27/12 20:20	37.855	21.136	34.422	36.026	27.224	29.758	36.604
8/27/12 20:40	38.279	38.151	33.299	8/27/12 20:40	37.862	21.134	34.419	36.029	27.224	29.758	36.602
8/27/12 21:00	38.295	38.170	33.360	8/27/12 21:00	37.869	21.148	34.459	36.031	27.242	29.784	36.616
8/27/12 21:20	38.288	38.160	33.330	8/27/12 21:20	37.881	21.155	34.445	36.036	27.245	29.779	36.621
8/27/12 21:40	38.286	38.158	33.320	8/27/12 21:40	37.888	21.155	34.443	36.038	27.245	29.779	36.618
8/27/12 22:00	38.286	38.158	33.320	8/27/12 22:00	37.897	21.157	34.440	36.043	27.249	29.782	36.616
8/27/12 22:20	38.283	38.156	33.320	8/27/12 22:20	37.909	21.171	34.443	36.047	27.256	29.786	36.616
8/27/12 22:40	38.281	38.153	33.318	8/27/12 22:40	37.909	21.167	34.440	36.047	27.254	29.786	36.614
8/27/12 23:00	38.281	38.153	33.318	8/27/12 23:00	37.916	21.174	34.440	36.050	27.256	29.786	36.616
8/27/12 23:20	38.279	38.151	33.318	8/27/12 23:20	37.916	21.169	34.440	36.050	27.256	29.786	36.611
8/27/12 23:40	38.281	38.153	33.318	8/27/12 23:40	37.923	21.181	34.440	36.052	27.259	29.791	36.614
8/28/12 0:00	38.276	38.146	33.318	8/28/12 0:00	37.923	21.174	34.438	36.052	27.259	29.789	36.614
8/28/12 0:20	38.276	38.146	33.316	8/28/12 0:20	37.923	21.176	34.438	36.054	27.259	29.789	36.611

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/28/12 0:40	38.276	38.146	33.313	8/28/12 0:40	37.923	21.174	34.438	36.052	27.256	29.789	36.611
8/28/12 1:00	38.274	38.144	33.311	8/28/12 1:00	37.921	21.167	34.436	36.052	27.254	29.786	36.609
8/28/12 1:20	38.274	38.144	33.309	8/28/12 1:20	37.923	21.169	34.433	36.052	27.254	29.784	36.609
8/28/12 1:40	38.272	38.139	33.309	8/28/12 1:40	37.921	21.164	34.431	36.052	27.252	29.782	36.607
8/28/12 2:00	38.293	38.165	33.389	8/28/12 2:00	37.921	21.162	34.475	36.052	27.268	29.805	36.616
8/28/12 2:20	38.283	38.153	33.339	8/28/12 2:20	37.916	21.157	34.454	36.050	27.259	29.793	36.623
8/28/12 2:40	38.276	38.144	33.323	8/28/12 2:40	37.911	21.155	34.440	36.047	27.249	29.784	36.616
8/28/12 3:00	38.272	38.139	33.313	8/28/12 3:00	37.907	21.146	34.433	36.045	27.242	29.777	36.611
8/28/12 3:20	38.265	38.137	33.306	8/28/12 3:20	37.902	21.146	34.426	36.043	27.238	29.772	36.604
8/28/12 3:40	38.265	38.135	33.302	8/28/12 3:40	37.902	21.139	34.422	36.043	27.235	29.770	36.602
8/28/12 4:00	38.260	38.130	33.297	8/28/12 4:00	37.897	21.136	34.419	36.040	27.231	29.765	36.600
8/28/12 4:20	38.258	38.128	33.292	8/28/12 4:20	37.900	21.139	34.417	36.040	27.228	29.763	36.595
8/28/12 4:40	38.258	38.123	33.290	8/28/12 4:40	37.897	21.139	34.410	36.040	27.228	29.758	36.593
8/28/12 5:00	38.253	38.123	33.288	8/28/12 5:00	37.895	21.134	34.410	36.038	27.226	29.758	36.590
8/28/12 5:20	38.255	38.123	33.288	8/28/12 5:20	37.895	21.132	34.410	36.038	27.224	29.754	36.590
8/28/12 5:40	38.251	38.121	33.285	8/28/12 5:40	37.897	21.132	34.408	36.038	27.224	29.756	36.590
8/28/12 6:00	38.253	38.123	33.288	8/28/12 6:00	37.897	21.132	34.408	36.038	27.224	29.756	36.590
8/28/12 6:20	38.258	38.125	33.288	8/28/12 6:20	37.900	21.146	34.412	36.040	27.226	29.758	36.590
8/28/12 6:40	38.267	38.135	33.290	8/28/12 6:40	37.902	21.139	34.412	36.043	27.228	29.761	36.593
8/28/12 7:00	38.286	38.151	33.297	8/28/12 7:00	37.909	21.139	34.417	36.045	27.235	29.765	36.597
8/28/12 7:20	38.288	38.158	33.299	8/28/12 7:20	37.916	21.148	34.424	36.047	27.242	29.770	36.602
8/28/12 7:40	38.286	38.153	33.306	8/28/12 7:40	37.921	21.153	34.426	36.052	27.245	29.775	36.609
8/28/12 8:00	38.314	38.181	33.428	8/28/12 8:00	37.923	21.150	34.492	36.052	27.268	29.805	36.621
8/28/12 8:20	38.302	38.172	33.353	8/28/12 8:20	37.925	21.150	34.461	36.052	27.261	29.798	36.639
8/28/12 8:40	38.300	38.170	33.337	8/28/12 8:40	37.925	21.153	34.457	36.054	27.259	29.793	36.637
8/28/12 9:00	38.300	38.170	33.335	8/28/12 9:00	37.935	21.157	34.452	36.057	27.263	29.796	36.639
8/28/12 9:20	38.295	38.165	33.332	8/28/12 9:20	37.935	21.162	34.452	36.057	27.263	29.796	36.637
8/28/12 9:40	38.297	38.165	33.330	8/28/12 9:40	37.935	21.160	34.447	36.057	27.261	29.796	36.637
8/28/12 10:00	38.293	38.165	33.330	8/28/12 10:00	37.937	21.164	34.450	36.057	27.263	29.796	36.637
8/28/12 10:20	38.297	38.167	33.522	8/28/12 10:20	37.939	21.162	34.496	36.059	27.270	29.796	36.635
8/28/12 10:40	38.316	38.186	33.386	8/28/12 10:40	37.939	21.164	34.482	36.059	27.280	29.821	36.654
8/28/12 11:00	38.309	38.179	33.360	8/28/12 11:00	37.939	21.157	34.471	36.059	27.275	29.810	36.654
8/28/12 11:20	38.304	38.174	33.344	8/28/12 11:20	37.935	21.153	34.461	36.057	27.268	29.803	36.651
8/28/12 11:40	38.351	38.223	33.529	8/28/12 11:40	37.930	21.148	34.564	36.057	27.305	29.856	36.672

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/28/12 12:00	38.330	38.205	33.410	8/28/12 12:00	37.923	21.143	34.506	36.052	27.282	29.831	36.684
8/28/12 12:20	38.321	38.193	33.370	8/28/12 12:20	37.909	21.125	34.480	36.047	27.263	29.810	36.670
8/28/12 12:40	38.311	38.193	33.344	8/28/12 12:40	37.897	21.115	34.459	36.040	27.249	29.793	36.654
8/28/12 13:00	38.356	38.221	33.410	8/28/12 13:00	37.886	21.108	34.489	36.038	27.254	29.803	36.654
8/28/12 13:20	38.335	38.233	33.351	8/28/12 13:20	37.879	21.104	34.457	36.033	27.235	29.784	36.651
8/28/12 13:40	38.356	38.277	33.328	8/28/12 13:40	37.869	21.097	34.440	36.031	27.226	29.770	36.642
8/28/12 14:00	38.412	38.345	33.313	8/28/12 14:00	37.862	21.085	34.429	36.031	27.217	29.761	36.632
8/28/12 14:20	38.314	38.202	33.299	8/28/12 14:20	37.853	21.076	34.419	36.024	27.205	29.749	36.623
8/28/12 14:40	38.276	38.149	33.290	8/28/12 14:40	37.848	21.076	34.408	36.022	27.198	29.744	36.614
8/28/12 15:00	38.255	38.130	33.278	8/28/12 15:00	37.839	21.064	34.394	36.017	27.186	29.733	36.602
8/28/12 15:20	38.265	38.165	33.262	8/28/12 15:20	37.830	21.055	34.382	36.012	27.175	29.719	36.588
8/28/12 15:40	38.237	38.109	33.250	8/28/12 15:40	37.820	21.045	34.371	36.008	27.163	29.707	36.574
8/28/12 16:00	38.223	38.095	33.241	8/28/12 16:00	37.813	21.041	34.361	36.005	27.154	29.695	36.565
8/28/12 16:20	38.274	38.216	33.229	8/28/12 16:20	37.804	21.029	34.350	36.003	27.144	29.686	36.555
8/28/12 16:40	38.209	38.081	33.222	8/28/12 16:40	37.802	21.031	34.343	36.001	27.139	29.681	36.546
8/28/12 17:00	38.202	38.069	33.217	8/28/12 17:00	37.802	21.031	34.338	35.998	27.132	29.674	36.539
8/28/12 17:20	38.213	38.086	33.320	8/28/12 17:20	37.802	21.027	34.385	35.998	27.149	29.695	36.539
8/28/12 17:40	38.202	38.071	33.241	8/28/12 17:40	37.802	21.027	34.352	35.996	27.135	29.681	36.544
8/28/12 18:00	38.192	38.062	33.220	8/28/12 18:00	37.795	21.020	34.338	35.994	27.125	29.669	36.534
8/28/12 18:20	38.183	38.050	33.208	8/28/12 18:20	37.795	21.020	34.326	35.994	27.118	29.660	36.525
8/28/12 18:40	38.178	38.048	33.199	8/28/12 18:40	37.795	21.017	34.319	35.991	27.114	29.655	36.518
8/28/12 19:00	38.176	38.048	33.194	8/28/12 19:00	37.795	21.010	34.315	35.991	27.109	29.648	36.511
8/28/12 19:20	38.183	38.048	33.187	8/28/12 19:20	37.790	21.010	34.308	35.989	27.104	29.644	36.509
8/28/12 19:40	38.188	38.053	33.428	8/28/12 19:40	37.797	21.013	34.359	35.991	27.114	29.646	36.506
8/28/12 20:00	38.202	38.069	33.234	8/28/12 20:00	37.804	21.022	34.340	35.994	27.121	29.665	36.523
8/28/12 20:20	38.197	38.064	33.213	8/28/12 20:20	37.811	21.022	34.329	35.996	27.121	29.662	36.525
8/28/12 20:40	38.223	38.088	33.405	8/28/12 20:40	37.818	21.024	34.387	35.998	27.137	29.669	36.523
8/28/12 21:00	38.227	38.095	33.248	8/28/12 21:00	37.823	21.031	34.354	36.001	27.137	29.681	36.539
8/28/12 21:20	38.227	38.095	33.229	8/28/12 21:20	37.827	21.036	34.343	36.003	27.132	29.674	36.541
8/28/12 21:40	38.223	38.090	33.222	8/28/12 21:40	37.834	21.029	34.340	36.005	27.132	29.672	36.539
8/28/12 22:00	38.216	38.083	33.217	8/28/12 22:00	37.839	21.038	34.338	36.008	27.130	29.672	36.537
8/28/12 22:20	38.209	38.078	33.213	8/28/12 22:20	37.837	21.031	34.333	36.008	27.128	29.667	36.534
8/28/12 22:40	38.206	38.074	33.210	8/28/12 22:40	37.839	21.027	34.331	36.008	27.125	29.665	36.532
8/28/12 23:00	38.199	38.067	33.201	8/28/12 23:00	37.834	21.029	34.322	36.005	27.118	29.660	36.527

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/28/12 23:20	38.195	38.062	33.199	8/28/12 23:20	37.832	21.020	34.317	36.003	27.116	29.653	36.523
8/28/12 23:40	38.195	38.064	33.199	8/28/12 23:40	37.841	21.027	34.319	36.008	27.118	29.658	36.523
8/29/12 0:00	38.192	38.062	33.199	8/29/12 0:00	37.848	21.031	34.319	36.012	27.123	29.660	36.520
8/29/12 0:20	38.195	38.062	33.199	8/29/12 0:20	37.853	21.034	34.319	36.012	27.125	29.660	36.520
8/29/12 0:40	38.190	38.057	33.196	8/29/12 0:40	37.858	21.031	34.319	36.015	27.125	29.660	36.518
8/29/12 1:00	38.188	38.053	33.194	8/29/12 1:00	37.853	21.036	34.317	36.012	27.118	29.655	36.516
8/29/12 1:20	38.206	38.076	33.309	8/29/12 1:20	37.855	21.034	34.368	36.012	27.137	29.674	36.518
8/29/12 1:40	38.197	38.064	33.227	8/29/12 1:40	37.855	21.029	34.338	36.012	27.128	29.669	36.527
8/29/12 2:00	38.190	38.057	33.206	8/29/12 2:00	37.853	21.027	34.324	36.010	27.118	29.660	36.523
8/29/12 2:20	38.185	38.053	33.196	8/29/12 2:20	37.853	21.024	34.317	36.010	27.116	29.653	36.516
8/29/12 2:40	38.181	38.048	33.189	8/29/12 2:40	37.848	21.017	34.310	36.010	27.109	29.646	36.506
8/29/12 3:00	38.181	38.048	33.187	8/29/12 3:00	37.851	21.024	34.308	36.010	27.109	29.646	36.502
8/29/12 3:20	38.174	38.041	33.180	8/29/12 3:20	37.851	21.020	34.301	36.010	27.104	29.644	36.499
8/29/12 3:40	38.171	38.041	33.177	8/29/12 3:40	37.851	21.013	34.298	36.010	27.100	29.639	36.494
8/29/12 4:00	38.169	38.036	33.173	8/29/12 4:00	37.848	21.013	34.294	36.008	27.097	29.634	36.492
8/29/12 4:20	38.164	38.034	33.170	8/29/12 4:20	37.846	21.013	34.291	36.008	27.095	29.634	36.490
8/29/12 4:40	38.164	38.032	33.166	8/29/12 4:40	37.846	21.013	34.289	36.008	27.093	29.630	36.485
8/29/12 5:00	38.164	38.029	33.168	8/29/12 5:00	37.848	21.010	34.289	36.008	27.093	29.627	36.485
8/29/12 5:20	38.162	38.029	33.163	8/29/12 5:20	37.846	21.008	34.287	36.008	27.090	29.627	36.483
8/29/12 5:40	38.162	38.029	33.163	8/29/12 5:40	37.848	21.010	34.287	36.010	27.090	29.625	36.483
8/29/12 6:00	38.169	38.036	33.166	8/29/12 6:00	37.853	21.010	34.289	36.010	27.093	29.627	36.483
8/29/12 6:20	38.178	38.043	33.168	8/29/12 6:20	37.860	21.022	34.291	36.012	27.097	29.632	36.487
8/29/12 6:40	38.185	38.050	33.170	8/29/12 6:40	37.862	21.017	34.296	36.012	27.100	29.634	36.490
8/29/12 7:00	38.188	38.053	33.175	8/29/12 7:00	37.869	21.022	34.296	36.017	27.104	29.637	36.494
8/29/12 7:20	38.190	38.055	33.180	8/29/12 7:20	37.876	21.029	34.303	36.019	27.109	29.644	36.499
8/29/12 7:40	38.195	38.062	33.400	8/29/12 7:40	37.883	21.036	34.357	36.022	27.121	29.648	36.504
8/29/12 8:00	38.209	38.076	33.236	8/29/12 8:00	37.886	21.036	34.340	36.022	27.128	29.669	36.523
8/29/12 8:20	38.209	38.076	33.217	8/29/12 8:20	37.893	21.041	34.333	36.026	27.130	29.669	36.530
8/29/12 8:40	38.204	38.071	33.210	8/29/12 8:40	37.895	21.041	34.331	36.029	27.130	29.665	36.530
8/29/12 9:00	38.209	38.078	33.213	8/29/12 9:00	37.904	21.038	34.331	36.031	27.135	29.669	36.532
8/29/12 9:20	38.206	38.074	33.210	8/29/12 9:20	37.902	21.043	34.331	36.031	27.132	29.667	36.532
8/29/12 9:40	38.209	38.076	33.208	8/29/12 9:40	37.900	21.038	34.329	36.031	27.130	29.667	36.532
8/29/12 10:00	38.209	38.076	33.206	8/29/12 10:00	37.897	21.041	34.324	36.031	27.128	29.665	36.534
8/29/12 10:20	38.255	38.109	33.208	8/29/12 10:20	37.900	21.043	34.326	36.031	27.130	29.667	36.534

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/29/12 10:40	38.218	38.086	33.208	8/29/12 10:40	37.900	21.050	34.326	36.031	27.130	29.667	36.537
8/29/12 11:00	38.230	38.095	33.588	8/29/12 11:00	37.900	21.041	34.417	36.031	27.147	29.669	36.539
8/29/12 11:20	38.323	38.205	33.881	8/29/12 11:20	37.897	21.038	34.590	36.029	27.212	29.765	36.590
8/29/12 11:40	38.421	38.324	34.019	8/29/12 11:40	37.890	21.031	34.690	36.029	27.254	29.826	36.665
8/29/12 12:00	38.456	38.340	34.097	8/29/12 12:00	37.881	21.024	34.755	36.026	27.282	29.868	36.733
8/29/12 12:20	38.493	38.415	34.156	8/29/12 12:20	37.872	21.017	34.802	36.024	27.303	29.901	36.787
8/29/12 12:40	38.598	38.581	34.249	8/29/12 12:40	37.869	21.020	34.857	36.024	27.326	29.929	36.829
8/29/12 13:00	38.551	38.464	33.912	8/29/12 13:00	37.860	20.992	34.818	36.019	27.329	29.957	36.869
8/29/12 13:20	38.486	38.371	33.832	8/29/12 13:20	37.851	20.989	34.755	36.015	27.303	29.920	36.864
8/29/12 13:40	38.449	38.333	33.883	8/29/12 13:40	37.839	20.975	34.722	36.012	27.277	29.884	36.836
8/29/12 14:00	38.437	38.319	33.679	8/29/12 14:00	37.832	20.973	34.676	36.008	27.270	29.875	36.810
8/29/12 14:20	38.475	38.392	33.822	8/29/12 14:20	37.825	20.964	34.685	36.008	27.261	29.856	36.789
8/29/12 14:40	38.409	38.291	33.607	8/29/12 14:40	37.820	20.973	34.631	36.003	27.247	29.852	36.773
8/29/12 15:00	38.386	38.270	33.520	8/29/12 15:00	37.813	20.961	34.585	36.003	27.228	29.828	36.756
8/29/12 15:20	38.342	38.221	33.419	8/29/12 15:20	37.811	20.957	34.517	35.998	27.198	29.786	36.717
8/29/12 15:40	38.325	38.207	33.360	8/29/12 15:40	37.802	20.948	34.473	35.996	27.172	29.756	36.675
8/29/12 16:00	38.290	38.163	33.320	8/29/12 16:00	37.797	20.945	34.440	35.994	27.156	29.730	36.642
8/29/12 16:20	38.272	38.139	33.290	8/29/12 16:20	37.790	20.936	34.410	35.987	27.137	29.709	36.611
8/29/12 16:40	38.248	38.121	33.264	8/29/12 16:40	37.788	20.936	34.389	35.984	27.125	29.693	36.586
8/29/12 17:00	38.248	38.144	33.243	8/29/12 17:00	37.783	20.933	34.366	35.984	27.111	29.676	36.565
8/29/12 17:20	38.220	38.090	33.224	8/29/12 17:20	37.779	20.929	34.352	35.982	27.100	29.665	36.546
8/29/12 17:40	38.209	38.078	33.210	8/29/12 17:40	37.779	20.929	34.340	35.979	27.093	29.653	36.532
8/29/12 18:00	38.199	38.067	33.262	8/29/12 18:00	37.781	20.931	34.361	35.979	27.090	29.646	36.520
8/29/12 18:20	38.216	38.083	33.255	8/29/12 18:20	37.781	20.931	34.359	35.979	27.097	29.665	36.527
8/29/12 18:40	38.202	38.069	33.213	8/29/12 18:40	37.779	20.924	34.331	35.977	27.086	29.646	36.520
8/29/12 19:00	38.223	38.093	33.435	8/29/12 19:00	37.781	20.929	34.410	35.977	27.107	29.660	36.513
8/29/12 19:20	38.211	38.081	33.248	8/29/12 19:20	37.783	20.922	34.352	35.979	27.093	29.658	36.525
8/29/12 19:40	38.204	38.074	33.210	8/29/12 19:40	37.786	20.922	34.329	35.979	27.083	29.644	36.516
8/29/12 20:00	38.223	38.090	33.196	8/29/12 20:00	37.790	20.931	34.322	35.979	27.081	29.637	36.509
8/29/12 20:20	38.213	38.081	33.189	8/29/12 20:20	37.797	20.943	34.317	35.982	27.081	29.632	36.504
8/29/12 20:40	38.202	38.069	33.184	8/29/12 20:40	37.804	20.938	34.310	35.987	27.079	29.632	36.502
8/29/12 21:00	38.195	38.062	33.180	8/29/12 21:00	37.809	20.945	34.308	35.989	27.079	29.630	36.497
8/29/12 21:20	38.190	38.057	33.180	8/29/12 21:20	37.820	20.957	34.305	35.991	27.083	29.630	36.494
8/29/12 21:40	38.202	38.071	33.245	8/29/12 21:40	37.830	20.957	34.345	35.996	27.102	29.658	36.506

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/29/12 22:00	38.195	38.062	33.206	8/29/12 22:00	37.834	20.964	34.326	35.998	27.095	29.648	36.509
8/29/12 22:20	38.190	38.060	33.196	8/29/12 22:20	37.844	20.968	34.317	36.001	27.095	29.644	36.506
8/29/12 22:40	38.183	38.050	33.187	8/29/12 22:40	37.844	20.968	34.310	36.001	27.090	29.641	36.502
8/29/12 23:00	38.181	38.048	33.180	8/29/12 23:00	37.844	20.964	34.305	36.001	27.088	29.634	36.494
8/29/12 23:20	38.176	38.043	33.177	8/29/12 23:20	37.851	20.968	34.303	36.003	27.088	29.634	36.494
8/29/12 23:40	38.174	38.041	33.173	8/29/12 23:40	37.853	20.968	34.298	36.005	27.086	29.634	36.490
8/30/12 0:00	38.174	38.041	33.170	8/30/12 0:00	37.855	20.968	34.298	36.005	27.086	29.630	36.487
8/30/12 0:20	38.167	38.036	33.166	8/30/12 0:20	37.855	20.971	34.294	36.005	27.083	29.627	36.485
8/30/12 0:40	38.164	38.034	33.163	8/30/12 0:40	37.855	20.966	34.287	36.005	27.079	29.625	36.480
8/30/12 1:00	38.181	38.053	33.234	8/30/12 1:00	37.855	20.964	34.329	36.005	27.093	29.644	36.490
8/30/12 1:20	38.174	38.041	33.187	8/30/12 1:20	37.853	20.961	34.305	36.005	27.083	29.632	36.494
8/30/12 1:40	38.167	38.034	33.170	8/30/12 1:40	37.855	20.966	34.294	36.005	27.079	29.625	36.485
8/30/12 2:00	38.162	38.032	33.166	8/30/12 2:00	37.860	20.966	34.291	36.005	27.076	29.623	36.483
8/30/12 2:20	38.157	38.022	33.154	8/30/12 2:20	37.851	20.957	34.282	36.003	27.069	29.613	36.473
8/30/12 2:40	38.153	38.020	33.152	8/30/12 2:40	37.853	20.961	34.277	36.003	27.067	29.611	36.469
8/30/12 3:00	38.148	38.018	33.147	8/30/12 3:00	37.851	20.961	34.270	36.003	27.062	29.606	36.464
8/30/12 3:20	38.141	38.011	33.138	8/30/12 3:20	37.848	20.952	34.266	36.001	27.055	29.602	36.459
8/30/12 3:40	38.143	38.008	33.135	8/30/12 3:40	37.848	20.945	34.259	36.001	27.055	29.597	36.455
8/30/12 4:00	38.139	38.006	33.131	8/30/12 4:00	37.848	20.950	34.259	36.001	27.051	29.595	36.452
8/30/12 4:20	38.134	38.001	33.128	8/30/12 4:20	37.846	20.952	34.252	36.001	27.046	29.590	36.448
8/30/12 4:40	38.134	38.001	33.126	8/30/12 4:40	37.848	20.952	34.252	36.001	27.048	29.590	36.445
8/30/12 5:00	38.132	37.999	33.123	8/30/12 5:00	37.853	20.945	34.252	36.003	27.048	29.590	36.445
8/30/12 5:20	38.134	38.001	33.123	8/30/12 5:20	37.858	20.952	34.252	36.003	27.051	29.590	36.445
8/30/12 5:40	38.134	38.001	33.126	8/30/12 5:40	37.860	20.964	34.252	36.005	27.051	29.590	36.445
8/30/12 6:00	38.139	38.004	33.128	8/30/12 6:00	37.867	20.964	34.252	36.008	27.053	29.592	36.448
8/30/12 6:20	38.144	38.008	33.128	8/30/12 6:20	37.867	20.966	34.256	36.008	27.055	29.595	36.448
8/30/12 6:40	38.153	38.018	33.131	8/30/12 6:40	37.869	20.964	34.256	36.008	27.055	29.595	36.450
8/30/12 7:00	38.171	38.036	33.138	8/30/12 7:00	37.876	20.975	34.261	36.012	27.062	29.599	36.455
8/30/12 7:20	38.174	38.039	33.140	8/30/12 7:20	37.883	20.980	34.266	36.017	27.067	29.606	36.462
8/30/12 7:40	38.174	38.041	33.147	8/30/12 7:40	37.888	20.989	34.273	36.017	27.072	29.609	36.469
8/30/12 8:00	38.176	38.041	33.154	8/30/12 8:00	37.897	20.999	34.277	36.022	27.079	29.616	36.476
8/30/12 8:20	38.176	38.041	33.156	8/30/12 8:20	37.900	20.994	34.280	36.024	27.081	29.618	36.480
8/30/12 8:40	38.178	38.043	33.159	8/30/12 8:40	37.904	21.001	34.284	36.026	27.083	29.620	36.485
8/30/12 9:00	38.181	38.048	33.163	8/30/12 9:00	37.911	21.001	34.289	36.029	27.090	29.627	36.487

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/30/12 9:20	38.183	38.048	33.166	8/30/12 9:20	37.909	21.003	34.289	36.029	27.088	29.627	36.492
8/30/12 9:40	38.183	38.048	33.168	8/30/12 9:40	37.907	21.003	34.289	36.029	27.088	29.625	36.494
8/30/12 10:00	38.206	38.076	33.238	8/30/12 10:00	37.909	21.001	34.333	36.029	27.107	29.653	36.513
8/30/12 10:20	38.204	38.071	33.332	8/30/12 10:20	37.914	21.006	34.361	36.031	27.107	29.648	36.520
8/30/12 10:40	38.220	38.093	33.257	8/30/12 10:40	37.916	21.006	34.354	36.029	27.116	29.669	36.539
8/30/12 11:00	38.227	38.114	33.222	8/30/12 11:00	37.914	21.006	34.331	36.029	27.109	29.658	36.539
8/30/12 11:20	38.216	38.090	33.206	8/30/12 11:20	37.909	21.003	34.322	36.026	27.102	29.651	36.534
8/30/12 11:40	38.206	38.076	33.196	8/30/12 11:40	37.902	20.996	34.315	36.024	27.095	29.644	36.530
8/30/12 12:00	38.202	38.069	33.187	8/30/12 12:00	37.897	20.989	34.305	36.022	27.088	29.637	36.525
8/30/12 12:20	38.195	38.064	33.182	8/30/12 12:20	37.890	20.987	34.303	36.019	27.083	29.630	36.518
8/30/12 12:40	38.269	38.139	33.785	8/30/12 12:40	37.886	20.980	34.520	36.019	27.149	29.700	36.541
8/30/12 13:00	38.332	38.207	33.921	8/30/12 13:00	37.883	20.985	34.624	36.019	27.200	29.772	36.616
8/30/12 13:20	38.374	38.256	34.003	8/30/12 13:20	37.876	20.973	34.692	36.015	27.228	29.817	36.682
8/30/12 13:40	38.405	38.289	34.045	8/30/12 13:40	37.869	20.973	34.743	36.015	27.252	29.852	36.733
8/30/12 14:00	38.428	38.312	34.071	8/30/12 14:00	37.862	20.964	34.781	36.010	27.268	29.877	36.773
8/30/12 14:20	38.454	38.338	34.097	8/30/12 14:20	37.860	20.961	34.820	36.010	27.287	29.903	36.806
8/30/12 14:40	38.468	38.357	34.062	8/30/12 14:40	37.853	20.957	34.857	36.008	27.303	29.929	36.834
8/30/12 15:00	38.482	38.371	34.085	8/30/12 15:00	37.846	20.947	34.878	36.005	27.312	29.945	36.859
8/30/12 15:20	38.484	38.375	34.111	8/30/12 15:20	37.839	20.947	34.897	36.003	27.317	29.955	36.873
8/30/12 15:40	38.500	38.394	34.139	8/30/12 15:40	37.834	20.940	34.916	36.001	27.331	29.973	36.890
8/30/12 16:00	38.435	38.322	33.703	8/30/12 16:00	37.827	20.936	34.722	35.998	27.275	29.908	36.873
8/30/12 16:20	38.374	38.256	33.778	8/30/12 16:20	37.823	20.929	34.669	35.996	27.233	29.842	36.803
8/30/12 16:40	38.386	38.268	33.862	8/30/12 16:40	37.818	20.931	34.708	35.994	27.252	29.859	36.770
8/30/12 17:00	38.386	38.270	33.780	8/30/12 17:00	37.816	20.926	34.711	35.991	27.256	29.870	36.766
8/30/12 17:20	38.384	38.268	33.890	8/30/12 17:20	37.813	20.926	34.736	35.991	27.259	29.875	36.766
8/30/12 17:40	38.386	38.270	33.916	8/30/12 17:40	37.813	20.926	34.736	35.991	27.263	29.875	36.766
8/30/12 18:00	38.384	38.270	33.804	8/30/12 18:00	37.816	20.926	34.722	35.991	27.266	29.882	36.763
8/30/12 18:20	38.384	38.270	33.764	8/30/12 18:20	37.818	20.931	34.732	35.991	27.268	29.884	36.763
8/30/12 18:40	38.402	38.284	33.970	8/30/12 18:40	37.820	20.933	34.755	35.991	27.280	29.889	36.766
8/30/12 19:00	38.447	38.329	33.867	8/30/12 19:00	37.823	20.933	34.748	35.996	27.289	29.901	36.770
8/30/12 19:20	38.461	38.340	33.883	8/30/12 19:20	37.827	20.936	34.788	35.996	27.298	29.910	36.777
8/30/12 19:40	38.482	38.368	34.041	8/30/12 19:40	37.827	20.938	34.860	35.998	27.326	29.950	36.806
8/30/12 20:00	38.496	38.385	34.179	8/30/12 20:00	37.832	20.938	34.909	35.998	27.350	29.978	36.838
8/30/12 20:20	38.449	38.336	33.703	8/30/12 20:20	37.839	20.943	34.739	36.001	27.312	29.941	36.845

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/30/12 20:40	38.395	38.277	33.555	8/30/12 20:40	37.848	20.950	34.645	36.005	27.277	29.889	36.796
8/30/12 21:00	38.377	38.258	33.569	8/30/12 21:00	37.853	20.954	34.638	36.008	27.275	29.877	36.754
8/30/12 21:20	38.346	38.223	33.461	8/30/12 21:20	37.862	20.966	34.578	36.010	27.254	29.849	36.724
8/30/12 21:40	38.323	38.198	33.417	8/30/12 21:40	37.872	20.971	34.545	36.015	27.247	29.833	36.693
8/30/12 22:00	38.307	38.181	33.389	8/30/12 22:00	37.883	20.980	34.522	36.022	27.240	29.819	36.668
8/30/12 22:20	38.290	38.163	33.363	8/30/12 22:20	37.886	20.980	34.501	36.022	27.228	29.805	36.644
8/30/12 22:40	38.279	38.151	33.346	8/30/12 22:40	37.888	20.987	34.482	36.024	27.224	29.796	36.628
8/30/12 23:00	38.272	38.144	33.335	8/30/12 23:00	37.893	20.985	34.471	36.026	27.219	29.786	36.614
8/30/12 23:20	38.262	38.135	33.320	8/30/12 23:20	37.895	20.987	34.457	36.024	27.214	29.777	36.602
8/30/12 23:40	38.255	38.125	33.311	8/30/12 23:40	37.900	20.996	34.447	36.026	27.210	29.772	36.593
8/31/12 0:00	38.248	38.121	33.299	8/31/12 0:00	37.897	20.994	34.436	36.026	27.203	29.763	36.583
8/31/12 0:20	38.260	38.135	33.377	8/31/12 0:20	37.897	20.989	34.468	36.026	27.214	29.779	36.583
8/31/12 0:40	38.251	38.123	33.318	8/31/12 0:40	37.902	20.992	34.440	36.029	27.205	29.768	36.586
8/31/12 1:00	38.244	38.116	33.297	8/31/12 1:00	37.904	20.992	34.426	36.029	27.198	29.756	36.576
8/31/12 1:20	38.234	38.107	33.285	8/31/12 1:20	37.904	20.994	34.417	36.029	27.193	29.751	36.567
8/31/12 1:40	38.230	38.100	33.274	8/31/12 1:40	37.900	20.989	34.408	36.026	27.186	29.742	36.560
8/31/12 2:00	38.223	38.093	33.264	8/31/12 2:00	37.895	20.980	34.396	36.024	27.177	29.733	36.551
8/31/12 2:20	38.216	38.086	33.255	8/31/12 2:20	37.895	20.987	34.387	36.024	27.170	29.723	36.544
8/31/12 2:40	38.213	38.081	33.248	8/31/12 2:40	37.893	20.982	34.380	36.024	27.165	29.719	36.537
8/31/12 3:00	38.202	38.071	33.238	8/31/12 3:00	37.886	20.973	34.371	36.019	27.156	29.709	36.530
8/31/12 3:20	38.197	38.067	33.229	8/31/12 3:20	37.879	20.975	34.361	36.017	27.149	29.700	36.523
8/31/12 3:40	38.192	38.060	33.220	8/31/12 3:40	37.874	20.968	34.352	36.012	27.139	29.693	36.516
8/31/12 4:00	38.188	38.057	33.217	8/31/12 4:00	37.879	20.968	34.347	36.015	27.139	29.690	36.511
8/31/12 4:20	38.181	38.050	33.208	8/31/12 4:20	37.869	20.961	34.340	36.008	27.128	29.679	36.504
8/31/12 4:40	38.183	38.053	33.210	8/31/12 4:40	37.881	20.971	34.340	36.015	27.135	29.681	36.502
8/31/12 5:00	38.176	38.046	33.203	8/31/12 5:00	37.874	20.971	34.333	36.012	27.128	29.676	36.497
8/31/12 5:20	38.176	38.046	33.201	8/31/12 5:20	37.876	20.975	34.329	36.012	27.125	29.672	36.494
8/31/12 5:40	38.202	38.071	33.304	8/31/12 5:40	37.893	20.985	34.389	36.022	27.156	29.702	36.504
8/31/12 6:00	38.202	38.071	33.246	8/31/12 6:00	37.904	21.001	34.368	36.026	27.156	29.704	36.516
8/31/12 6:20	38.199	38.069	33.231	8/31/12 6:20	37.909	20.996	34.359	36.029	27.154	29.700	36.516
8/31/12 6:40	38.202	38.069	33.227	8/31/12 6:40	37.907	21.001	34.354	36.029	27.151	29.697	36.513
8/31/12 7:00	38.202	38.071	33.224	8/31/12 7:00	37.914	21.003	34.354	36.029	27.154	29.695	36.513
8/31/12 7:20	38.204	38.074	33.224	8/31/12 7:20	37.916	21.008	34.354	36.031	27.154	29.697	36.516
8/31/12 7:40	38.206	38.071	33.227	8/31/12 7:40	37.923	21.013	34.354	36.036	27.158	29.700	36.518

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/31/12 8:00	38.209	38.076	33.229	8/31/12 8:00	37.923	21.017	34.357	36.036	27.161	29.702	36.523
8/31/12 8:20	38.209	38.078	33.227	8/31/12 8:20	37.928	21.022	34.357	36.036	27.161	29.702	36.525
8/31/12 8:40	38.211	38.081	33.227	8/31/12 8:40	37.928	21.022	34.359	36.036	27.161	29.702	36.525
8/31/12 9:00	38.234	38.102	33.290	8/31/12 9:00	37.930	21.027	34.394	36.036	27.177	29.726	36.544
8/31/12 9:20	38.227	38.095	33.260	8/31/12 9:20	37.928	21.024	34.378	36.036	27.170	29.714	36.546
8/31/12 9:40	38.227	38.095	33.248	8/31/12 9:40	37.928	21.022	34.373	36.036	27.165	29.709	36.548
8/31/12 10:00	38.230	38.097	33.245	8/31/12 10:00	37.925	21.020	34.371	36.036	27.165	29.709	36.548
8/31/12 10:20	38.227	38.095	33.243	8/31/12 10:20	37.928	21.024	34.368	36.036	27.165	29.707	36.548
8/31/12 10:40	38.230	38.097	33.243	8/31/12 10:40	37.928	21.031	34.368	36.036	27.165	29.709	36.551
8/31/12 11:00	38.227	38.095	33.241	8/31/12 11:00	37.925	21.029	34.366	36.036	27.163	29.707	36.551
8/31/12 11:20	38.227	38.095	33.239	8/31/12 11:20	37.923	21.024	34.364	36.036	27.161	29.704	36.551
8/31/12 11:40	38.227	38.095	33.238	8/31/12 11:40	37.918	21.027	34.359	36.033	27.158	29.702	36.548
8/31/12 12:00	38.244	38.111	33.337	8/31/12 12:00	37.916	21.020	34.408	36.031	27.172	29.719	36.553
8/31/12 12:20	38.237	38.107	33.276	8/31/12 12:20	37.909	21.013	34.401	36.031	27.161	29.709	36.562
8/31/12 12:40	38.311	38.186	33.719	8/31/12 12:40	37.909	21.015	34.597	36.029	27.228	29.786	36.597
8/31/12 13:00	38.370	38.247	33.987	8/31/12 13:00	37.904	21.010	34.708	36.029	27.273	29.852	36.670
8/31/12 13:20	38.412	38.294	34.109	8/31/12 13:20	37.895	21.003	34.774	36.026	27.301	29.894	36.731
8/31/12 13:40	38.437	38.324	34.170	8/31/12 13:40	37.886	21.001	34.815	36.022	27.319	29.920	36.777
8/31/12 14:00	38.470	38.357	34.184	8/31/12 14:00	37.881	20.992	34.853	36.019	27.338	29.948	36.815
8/31/12 14:20	38.423	38.308	33.632	8/31/12 14:20	37.872	20.985	34.666	36.017	27.282	29.891	36.817
8/31/12 14:40	38.365	38.247	33.496	8/31/12 14:40	37.867	20.980	34.576	36.012	27.245	29.838	36.766
8/31/12 15:00	38.328	38.205	33.419	8/31/12 15:00	37.858	20.971	34.520	36.008	27.217	29.800	36.717
8/31/12 15:20	38.302	38.179	33.367	8/31/12 15:20	37.846	20.971	34.478	36.005	27.193	29.772	36.675
8/31/12 15:40	38.384	38.345	33.335	8/31/12 15:40	37.841	20.964	34.457	36.008	27.179	29.751	36.647
8/31/12 16:00	38.295	38.172	33.311	8/31/12 16:00	37.839	20.959	34.433	36.003	27.165	29.735	36.623
8/31/12 16:20	38.321	38.205	33.292	8/31/12 16:20	37.834	20.952	34.419	36.008	27.158	29.726	36.609
8/31/12 16:40	38.484	38.490	33.276	8/31/12 16:40	37.834	20.959	34.408	36.005	27.151	29.716	36.597
8/31/12 17:00	38.465	38.450	33.267	8/31/12 17:00	37.834	20.959	34.396	36.005	27.147	29.707	36.588
8/31/12 17:20	38.328	38.216	33.260	8/31/12 17:20	37.832	20.964	34.392	36.005	27.139	29.702	36.579
8/31/12 17:40	38.286	38.160	33.316	8/31/12 17:40	37.832	20.964	34.417	36.001	27.151	29.719	36.586
8/31/12 18:00	38.272	38.142	33.271	8/31/12 18:00	37.834	20.964	34.394	36.001	27.142	29.704	36.579
8/31/12 18:20	38.253	38.123	33.250	8/31/12 18:20	37.837	20.966	34.375	36.001	27.135	29.695	36.567
8/31/12 18:40	38.246	38.114	33.241	8/31/12 18:40	37.839	20.964	34.366	36.001	27.132	29.688	36.553
8/31/12 19:00	38.262	38.128	33.229	8/31/12 19:00	37.837	20.964	34.359	36.001	27.128	29.681	36.544

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
8/31/12 19:20	38.274	38.137	33.227	8/31/12 19:20	37.837	20.964	34.354	36.001	27.125	29.679	36.539
8/31/12 19:40	38.314	38.177	33.304	8/31/12 19:40	37.839	20.968	34.396	36.001	27.144	29.700	36.548
8/31/12 20:00	38.304	38.170	33.257	8/31/12 20:00	37.846	20.978	34.378	36.003	27.139	29.695	36.558
8/31/12 20:20	38.297	38.163	33.248	8/31/12 20:20	37.853	20.980	34.375	36.005	27.139	29.693	36.558
8/31/12 20:40	38.290	38.156	33.243	8/31/12 20:40	37.862	20.987	34.373	36.010	27.144	29.693	36.560
8/31/12 21:00	38.283	38.151	33.243	8/31/12 21:00	37.872	21.001	34.373	36.012	27.147	29.695	36.560
8/31/12 21:20	38.288	38.151	33.248	8/31/12 21:20	37.886	21.010	34.378	36.019	27.158	29.704	36.562
8/31/12 21:40	38.288	38.151	33.252	8/31/12 21:40	37.897	21.017	34.380	36.026	27.163	29.709	36.565
8/31/12 22:00	38.290	38.153	33.255	8/31/12 22:00	37.907	21.034	34.385	36.029	27.170	29.714	36.567
8/31/12 22:20	38.293	38.158	33.257	8/31/12 22:20	37.914	21.038	34.387	36.033	27.175	29.719	36.572
8/31/12 22:40	38.290	38.156	33.260	8/31/12 22:40	37.918	21.041	34.389	36.036	27.177	29.723	36.574
8/31/12 23:00	38.288	38.156	33.262	8/31/12 23:00	37.918	21.038	34.387	36.036	27.177	29.721	36.574
8/31/12 23:20	38.309	38.174	33.403	8/31/12 23:20	37.921	21.050	34.452	36.036	27.200	29.747	36.581
8/31/12 23:40	38.295	38.163	33.304	8/31/12 23:40	37.921	21.052	34.417	36.036	27.189	29.742	36.597
9/1/12 0:00	38.288	38.156	33.288	9/1/12 0:00	37.925	21.050	34.408	36.038	27.189	29.737	36.593
9/1/12 0:20	38.279	38.146	33.278	9/1/12 0:20	37.925	21.052	34.403	36.038	27.186	29.733	36.590
9/1/12 0:40	38.276	38.144	33.274	9/1/12 0:40	37.928	21.055	34.399	36.038	27.184	29.733	36.586
9/1/12 1:00	38.269	38.137	33.267	9/1/12 1:00	37.928	21.055	34.394	36.038	27.184	29.728	36.581
9/1/12 1:20	38.262	38.130	33.262	9/1/12 1:20	37.923	21.048	34.387	36.036	27.177	29.723	36.576
9/1/12 1:40	38.260	38.128	33.478	9/1/12 1:40	37.916	21.043	34.431	36.033	27.179	29.719	36.572
9/1/12 2:00	38.265	38.135	33.299	9/1/12 2:00	37.911	21.041	34.406	36.031	27.179	29.733	36.581
9/1/12 2:20	38.258	38.128	33.271	9/1/12 2:20	37.911	21.045	34.392	36.033	27.175	29.723	36.579
9/1/12 2:40	38.248	38.116	33.260	9/1/12 2:40	37.907	21.036	34.382	36.031	27.168	29.714	36.569
9/1/12 3:00	38.244	38.111	33.250	9/1/12 3:00	37.909	21.041	34.375	36.031	27.163	29.709	36.562
9/1/12 3:20	38.239	38.107	33.243	9/1/12 3:20	37.904	21.041	34.366	36.029	27.161	29.707	36.555
9/1/12 3:40	38.232	38.102	33.241	9/1/12 3:40	37.911	21.043	34.368	36.031	27.163	29.704	36.551
9/1/12 4:00	38.234	38.102	33.241	9/1/12 4:00	37.918	21.052	34.368	36.033	27.165	29.707	36.548
9/1/12 4:20	38.227	38.095	33.238	9/1/12 4:20	37.916	21.050	34.364	36.033	27.163	29.704	36.546
9/1/12 4:40	38.225	38.093	33.234	9/1/12 4:40	37.916	21.055	34.361	36.031	27.163	29.704	36.541
9/1/12 5:00	38.225	38.093	33.234	9/1/12 5:00	37.921	21.057	34.364	36.036	27.165	29.704	36.541
9/1/12 5:20	38.220	38.090	33.231	9/1/12 5:20	37.918	21.052	34.357	36.033	27.161	29.702	36.537
9/1/12 5:40	38.223	38.090	33.231	9/1/12 5:40	37.921	21.055	34.357	36.033	27.163	29.702	36.537
9/1/12 6:00	38.218	38.088	33.231	9/1/12 6:00	37.921	21.059	34.357	36.033	27.163	29.702	36.534
9/1/12 6:20	38.223	38.090	33.231	9/1/12 6:20	37.923	21.059	34.359	36.036	27.165	29.702	36.534

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/1/12 6:40	38.225	38.093	33.234	9/1/12 6:40	37.930	21.071	34.361	36.038	27.170	29.707	36.537
9/1/12 7:00	38.227	38.093	33.236	9/1/12 7:00	37.937	21.073	34.364	36.040	27.175	29.711	36.539
9/1/12 7:20	38.230	38.097	33.241	9/1/12 7:20	37.939	21.083	34.368	36.043	27.177	29.714	36.541
9/1/12 7:40	38.232	38.100	33.241	9/1/12 7:40	37.939	21.076	34.368	36.043	27.177	29.714	36.544
9/1/12 8:00	38.258	38.121	33.245	9/1/12 8:00	37.944	21.090	34.375	36.045	27.186	29.721	36.548
9/1/12 8:20	38.274	38.142	33.252	9/1/12 8:20	37.944	21.087	34.380	36.045	27.186	29.726	36.555
9/1/12 8:40	38.300	38.170	33.391	9/1/12 8:40	37.949	21.085	34.445	36.047	27.214	29.749	36.569
9/1/12 9:00	38.293	38.163	33.302	9/1/12 9:00	37.951	21.094	34.415	36.047	27.207	29.749	36.588
9/1/12 9:20	38.290	38.156	33.288	9/1/12 9:20	37.946	21.090	34.406	36.047	27.203	29.744	36.590
9/1/12 9:40	38.293	38.158	33.283	9/1/12 9:40	37.949	21.094	34.403	36.047	27.203	29.744	36.593
9/1/12 10:00	38.293	38.160	33.281	9/1/12 10:00	37.946	21.099	34.401	36.045	27.200	29.742	36.595
9/1/12 10:20	38.288	38.158	33.281	9/1/12 10:20	37.942	21.094	34.401	36.045	27.200	29.740	36.595
9/1/12 10:40	38.286	38.156	33.281	9/1/12 10:40	37.944	21.097	34.401	36.045	27.200	29.740	36.597
9/1/12 11:00	38.281	38.149	33.278	9/1/12 11:00	37.939	21.090	34.399	36.043	27.198	29.740	36.597
9/1/12 11:20	38.279	38.146	33.276	9/1/12 11:20	37.935	21.090	34.396	36.043	27.193	29.735	36.595
9/1/12 11:40	38.272	38.142	33.274	9/1/12 11:40	37.930	21.087	34.394	36.040	27.191	29.733	36.595
9/1/12 12:00	38.279	38.144	33.510	9/1/12 12:00	37.925	21.083	34.447	36.038	27.198	29.733	36.593
9/1/12 12:20	38.281	38.149	33.311	9/1/12 12:20	37.918	21.076	34.415	36.033	27.193	29.742	36.604
9/1/12 12:40	38.272	38.142	33.283	9/1/12 12:40	37.911	21.069	34.399	36.031	27.182	29.730	36.602
9/1/12 13:00	38.260	38.128	33.267	9/1/12 13:00	37.900	21.069	34.385	36.026	27.172	29.719	36.593
9/1/12 13:20	38.255	38.123	33.255	9/1/12 13:20	37.893	21.062	34.375	36.024	27.163	29.709	36.586
9/1/12 13:40	38.246	38.116	33.248	9/1/12 13:40	37.886	21.055	34.368	36.019	27.156	29.702	36.576
9/1/12 14:00	38.239	38.107	33.238	9/1/12 14:00	37.876	21.059	34.359	36.015	27.149	29.695	36.567
9/1/12 14:20	38.232	38.102	33.231	9/1/12 14:20	37.872	21.050	34.352	36.012	27.142	29.688	36.562
9/1/12 14:40	38.223	38.090	33.222	9/1/12 14:40	37.862	21.043	34.343	36.008	27.132	29.679	36.553
9/1/12 15:00	38.239	38.109	33.306	9/1/12 15:00	37.853	21.029	34.382	36.003	27.142	29.695	36.553
9/1/12 15:20	38.225	38.093	33.241	9/1/12 15:20	37.846	21.031	34.352	36.003	27.125	29.679	36.555
9/1/12 15:40	38.213	38.083	33.222	9/1/12 15:40	37.837	21.020	34.333	35.998	27.114	29.665	36.544
9/1/12 16:00	38.209	38.076	33.203	9/1/12 16:00	37.832	21.013	34.324	35.996	27.104	29.653	36.534
9/1/12 16:20	38.206	38.071	33.196	9/1/12 16:20	37.825	21.010	34.329	35.991	27.100	29.646	36.525
9/1/12 16:40	38.218	38.088	33.241	9/1/12 16:40	37.818	21.008	34.338	35.991	27.104	29.660	36.530
9/1/12 17:00	38.209	38.076	33.206	9/1/12 17:00	37.816	21.006	34.319	35.987	27.095	29.644	36.525
9/1/12 17:20	38.206	38.071	33.189	9/1/12 17:20	37.816	21.001	34.310	35.987	27.088	29.637	36.518
9/1/12 17:40	38.204	38.069	33.180	9/1/12 17:40	37.811	21.003	34.298	35.987	27.083	29.630	36.509

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/1/12 18:00	38.204	38.069	33.379	9/1/12 18:00	37.809	20.996	34.343	35.984	27.083	29.625	36.504
9/1/12 18:20	38.218	38.086	33.217	9/1/12 18:20	37.811	20.999	34.322	35.984	27.088	29.639	36.513
9/1/12 18:40	38.213	38.078	33.192	9/1/12 18:40	37.811	20.999	34.305	35.984	27.081	29.632	36.511
9/1/12 19:00	38.209	38.071	33.180	9/1/12 19:00	37.811	21.001	34.296	35.982	27.076	29.625	36.506
9/1/12 19:20	38.206	38.069	33.170	9/1/12 19:20	37.809	20.996	34.289	35.982	27.072	29.618	36.499
9/1/12 19:40	38.204	38.069	33.166	9/1/12 19:40	37.809	20.999	34.287	35.979	27.069	29.616	36.497
9/1/12 20:00	38.209	38.071	33.166	9/1/12 20:00	37.813	20.999	34.284	35.984	27.069	29.616	36.494
9/1/12 20:20	38.253	38.118	33.248	9/1/12 20:20	37.816	21.010	34.338	35.987	27.093	29.644	36.509
9/1/12 20:40	38.248	38.114	33.206	9/1/12 20:40	37.825	21.010	34.322	35.989	27.090	29.639	36.520
9/1/12 21:00	38.246	38.109	33.196	9/1/12 21:00	37.832	21.022	34.315	35.991	27.090	29.637	36.523
9/1/12 21:20	38.265	38.132	33.281	9/1/12 21:20	37.839	21.029	34.364	35.996	27.114	29.667	36.534
9/1/12 21:40	38.255	38.123	33.231	9/1/12 21:40	37.851	21.036	34.345	35.998	27.111	29.660	36.544
9/1/12 22:00	38.251	38.116	33.217	9/1/12 22:00	37.853	21.036	34.333	36.001	27.109	29.658	36.541
9/1/12 22:20	38.246	38.111	33.210	9/1/12 22:20	37.853	21.036	34.329	36.001	27.107	29.655	36.539
9/1/12 22:40	38.246	38.111	33.203	9/1/12 22:40	37.855	21.038	34.326	36.001	27.107	29.653	36.537
9/1/12 23:00	38.241	38.107	33.199	9/1/12 23:00	37.851	21.036	34.319	36.001	27.100	29.646	36.532
9/1/12 23:20	38.239	38.104	33.196	9/1/12 23:20	37.851	21.031	34.317	36.001	27.097	29.644	36.532
9/1/12 23:40	38.234	38.100	33.191	9/1/12 23:40	37.848	21.029	34.315	35.998	27.095	29.641	36.530
9/2/12 0:00	38.232	38.097	33.191	9/2/12 0:00	37.851	21.029	34.312	35.998	27.095	29.641	36.527
9/2/12 0:20	38.225	38.093	33.189	9/2/12 0:20	37.853	21.038	34.310	36.001	27.093	29.641	36.525
9/2/12 0:40	38.223	38.090	33.189	9/2/12 0:40	37.855	21.041	34.310	36.001	27.093	29.639	36.525
9/2/12 1:00	38.218	38.083	33.184	9/2/12 1:00	37.853	21.031	34.303	36.001	27.088	29.634	36.520
9/2/12 1:20	38.211	38.078	33.182	9/2/12 1:20	37.853	21.038	34.303	36.001	27.088	29.632	36.518
9/2/12 1:40	38.220	38.086	33.396	9/2/12 1:40	37.855	21.041	34.361	36.001	27.102	29.641	36.516
9/2/12 2:00	38.218	38.086	33.222	9/2/12 2:00	37.853	21.036	34.326	35.998	27.097	29.648	36.527
9/2/12 2:20	38.211	38.078	33.199	9/2/12 2:20	37.858	21.043	34.315	36.001	27.093	29.641	36.523
9/2/12 2:40	38.204	38.071	33.189	9/2/12 2:40	37.858	21.043	34.310	36.003	27.093	29.637	36.518
9/2/12 3:00	38.199	38.067	33.182	9/2/12 3:00	37.858	21.034	34.303	36.001	27.088	29.632	36.511
9/2/12 3:20	38.197	38.064	33.177	9/2/12 3:20	37.860	21.038	34.301	36.003	27.088	29.632	36.506
9/2/12 3:40	38.195	38.062	33.177	9/2/12 3:40	37.869	21.048	34.301	36.005	27.090	29.634	36.506
9/2/12 4:00	38.188	38.055	33.170	9/2/12 4:00	37.862	21.043	34.291	36.003	27.083	29.630	36.497
9/2/12 4:20	38.183	38.050	33.166	9/2/12 4:20	37.860	21.041	34.289	36.001	27.079	29.623	36.494
9/2/12 4:40	38.178	38.046	33.159	9/2/12 4:40	37.853	21.038	34.282	35.998	27.074	29.616	36.487
9/2/12 5:00	38.171	38.036	33.154	9/2/12 5:00	37.848	21.034	34.275	35.996	27.065	29.613	36.483

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/2/12 5:20	38.169	38.036	33.149	9/2/12 5:20	37.848	21.031	34.273	35.996	27.065	29.609	36.478
9/2/12 5:40	38.171	38.039	33.152	9/2/12 5:40	37.858	21.041	34.275	35.998	27.069	29.611	36.478
9/2/12 6:00	38.164	38.032	33.147	9/2/12 6:00	37.853	21.036	34.273	35.998	27.065	29.609	36.473
9/2/12 6:20	38.164	38.032	33.147	9/2/12 6:20	37.858	21.043	34.273	36.001	27.067	29.609	36.473
9/2/12 6:40	38.167	38.032	33.147	9/2/12 6:40	37.862	21.048	34.273	36.001	27.069	29.609	36.471
9/2/12 7:00	38.167	38.034	33.149	9/2/12 7:00	37.867	21.048	34.273	36.003	27.072	29.613	36.473
9/2/12 7:20	38.162	38.032	33.149	9/2/12 7:20	37.865	21.048	34.270	36.001	27.067	29.609	36.471
9/2/12 7:40	38.167	38.034	33.149	9/2/12 7:40	37.869	21.050	34.273	36.003	27.069	29.611	36.471
9/2/12 8:00	38.169	38.036	33.149	9/2/12 8:00	37.869	21.050	34.270	36.003	27.069	29.611	36.473
9/2/12 8:20	38.199	38.069	33.292	9/2/12 8:20	37.867	21.048	34.343	36.001	27.095	29.641	36.483
9/2/12 8:40	38.192	38.062	33.201	9/2/12 8:40	37.865	21.041	34.305	36.001	27.081	29.630	36.499
9/2/12 9:00	38.218	38.086	33.180	9/2/12 9:00	37.862	21.043	34.296	36.001	27.076	29.623	36.497
9/2/12 9:20	38.220	38.086	33.173	9/2/12 9:20	37.860	21.036	34.291	35.998	27.074	29.618	36.499
9/2/12 9:40	38.220	38.086	33.370	9/2/12 9:40	37.855	21.036	34.343	35.998	27.079	29.616	36.502
9/2/12 10:00	38.251	38.149	33.229	9/2/12 10:00	37.855	21.041	34.324	35.998	27.083	29.637	36.520
9/2/12 10:20	38.407	38.438	33.428	9/2/12 10:20	37.858	21.038	34.368	36.003	27.090	29.634	36.525
9/2/12 10:40	38.246	38.118	33.231	9/2/12 10:40	37.853	21.038	34.331	36.001	27.088	29.641	36.539
9/2/12 11:00	38.239	38.107	33.206	9/2/12 11:00	37.855	21.036	34.317	36.001	27.083	29.632	36.537
9/2/12 11:20	38.246	38.135	33.191	9/2/12 11:20	37.848	21.024	34.305	35.996	27.072	29.625	36.530
9/2/12 11:40	38.234	38.123	33.180	9/2/12 11:40	37.844	21.024	34.298	35.996	27.067	29.618	36.525
9/2/12 12:00	38.232	38.109	33.170	9/2/12 12:00	37.837	21.027	34.289	35.994	27.058	29.606	36.518
9/2/12 12:20	38.206	38.074	33.163	9/2/12 12:20	37.834	21.017	34.282	35.991	27.055	29.604	36.513
9/2/12 12:40	38.209	38.081	33.156	9/2/12 12:40	37.827	21.013	34.275	35.987	27.046	29.597	36.506
9/2/12 13:00	38.192	38.060	33.147	9/2/12 13:00	37.818	21.003	34.263	35.984	27.034	29.588	36.499
9/2/12 13:20	38.174	38.043	33.135	9/2/12 13:20	37.806	20.996	34.252	35.979	27.023	29.576	36.492
9/2/12 13:40	38.167	38.034	33.126	9/2/12 13:40	37.795	20.987	34.240	35.975	27.011	29.564	36.480
9/2/12 14:00	38.157	38.025	33.116	9/2/12 14:00	37.790	20.989	34.233	35.972	27.006	29.557	36.471
9/2/12 14:20	38.174	38.062	33.109	9/2/12 14:20	37.786	20.978	34.240	35.972	27.002	29.553	36.464
9/2/12 14:40	38.164	38.034	33.159	9/2/12 14:40	37.781	20.973	34.254	35.968	27.006	29.567	36.471
9/2/12 15:00	38.148	38.015	33.121	9/2/12 15:00	37.774	20.968	34.231	35.965	26.992	29.548	36.466
9/2/12 15:20	38.136	38.006	33.102	9/2/12 15:20	37.767	20.959	34.214	35.963	26.978	29.536	36.452
9/2/12 15:40	38.125	37.992	33.088	9/2/12 15:40	37.762	20.957	34.205	35.961	26.971	29.524	36.441
9/2/12 16:00	38.113	37.983	33.079	9/2/12 16:00	37.758	20.966	34.196	35.958	26.964	29.517	36.431
9/2/12 16:20	38.106	37.976	33.070	9/2/12 16:20	37.758	20.957	34.189	35.958	26.960	29.510	36.422

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/2/12 16:40	38.099	37.969	33.063	9/2/12 16:40	37.760	20.954	34.182	35.958	26.955	29.506	36.413
9/2/12 17:00	38.099	37.969	33.055	9/2/12 17:00	37.755	20.952	34.177	35.956	26.950	29.501	36.406
9/2/12 17:20	38.092	37.959	33.048	9/2/12 17:20	37.758	20.952	34.170	35.954	26.943	29.494	36.399
9/2/12 17:40	38.101	37.969	33.182	9/2/12 17:40	37.758	20.950	34.221	35.954	26.960	29.508	36.396
9/2/12 18:00	38.092	37.962	33.077	9/2/12 18:00	37.760	20.954	34.187	35.956	26.950	29.506	36.403
9/2/12 18:20	38.097	37.962	33.058	9/2/12 18:20	37.760	20.947	34.175	35.954	26.946	29.496	36.399
9/2/12 18:40	38.108	37.973	33.084	9/2/12 18:40	37.758	20.947	34.198	35.954	26.943	29.489	36.392
9/2/12 19:00	38.120	37.987	33.100	9/2/12 19:00	37.760	20.950	34.201	35.954	26.953	29.508	36.403
9/2/12 19:20	38.106	37.973	33.070	9/2/12 19:20	37.765	20.950	34.182	35.954	26.946	29.499	36.406
9/2/12 19:40	38.097	37.964	33.175	9/2/12 19:40	37.765	20.952	34.214	35.954	26.946	29.494	36.401
9/2/12 20:00	38.108	37.976	33.100	9/2/12 20:00	37.772	20.950	34.203	35.956	26.955	29.510	36.410
9/2/12 20:20	38.099	37.966	33.072	9/2/12 20:20	37.776	20.954	34.189	35.958	26.950	29.501	36.410
9/2/12 20:40	38.094	37.962	33.062	9/2/12 20:40	37.783	20.957	34.180	35.961	26.948	29.501	36.403
9/2/12 21:00	38.094	37.959	33.058	9/2/12 21:00	37.795	20.964	34.180	35.963	26.952	29.501	36.401
9/2/12 21:20	38.094	37.964	33.060	9/2/12 21:20	37.804	20.975	34.182	35.968	26.960	29.506	36.401
9/2/12 21:40	38.097	37.962	33.058	9/2/12 21:40	37.811	20.987	34.180	35.970	26.962	29.506	36.401
9/2/12 22:00	38.097	37.964	33.063	9/2/12 22:00	37.816	20.985	34.184	35.972	26.962	29.508	36.401
9/2/12 22:20	38.097	37.964	33.060	9/2/12 22:20	37.820	20.989	34.182	35.975	26.964	29.508	36.403
9/2/12 22:40	38.129	38.029	33.062	9/2/12 22:40	37.825	20.999	34.184	35.977	26.964	29.510	36.403
9/2/12 23:00	38.104	37.971	33.062	9/2/12 23:00	37.825	20.994	34.187	35.977	26.964	29.510	36.406
9/2/12 23:20	38.125	37.992	33.135	9/2/12 23:20	37.832	20.996	34.226	35.979	26.985	29.536	36.417
9/2/12 23:40	38.143	38.022	33.093	9/2/12 23:40	37.832	20.999	34.208	35.982	26.978	29.527	36.427
9/3/12 0:00	38.125	37.992	33.086	9/3/12 0:00	37.841	21.006	34.203	35.984	26.978	29.527	36.427
9/3/12 0:20	38.118	37.985	33.081	9/3/12 0:20	37.841	20.999	34.201	35.982	26.976	29.524	36.424
9/3/12 0:40	38.115	37.983	33.077	9/3/12 0:40	37.841	21.003	34.196	35.984	26.976	29.522	36.422
9/3/12 1:00	38.113	37.980	33.074	9/3/12 1:00	37.839	21.006	34.196	35.982	26.974	29.520	36.420
9/3/12 1:20	38.183	38.093	33.072	9/3/12 1:20	37.841	21.001	34.191	35.984	26.974	29.520	36.420
9/3/12 1:40	38.118	37.983	33.072	9/3/12 1:40	37.846	21.003	34.194	35.987	26.976	29.520	36.420
9/3/12 2:00	38.113	37.980	33.072	9/3/12 2:00	37.848	21.010	34.194	35.987	26.978	29.520	36.420
9/3/12 2:20	38.113	37.978	33.070	9/3/12 2:20	37.851	21.008	34.194	35.987	26.976	29.522	36.417
9/3/12 2:40	38.136	38.006	33.177	9/3/12 2:40	37.853	21.015	34.249	35.987	26.999	29.553	36.429
9/3/12 3:00	38.127	37.997	33.112	9/3/12 3:00	37.855	21.015	34.224	35.989	26.990	29.541	36.436
9/3/12 3:20	38.122	37.992	33.095	9/3/12 3:20	37.858	21.020	34.212	35.989	26.988	29.536	36.434
9/3/12 3:40	38.118	37.985	33.086	9/3/12 3:40	37.855	21.013	34.205	35.989	26.983	29.529	36.427

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/3/12 4:00	38.115	37.983	33.079	9/3/12 4:00	37.853	21.008	34.201	35.987	26.978	29.527	36.422
9/3/12 4:20	38.111	37.976	33.074	9/3/12 4:20	37.851	21.010	34.194	35.987	26.976	29.522	36.417
9/3/12 4:40	38.108	37.973	33.072	9/3/12 4:40	37.851	21.008	34.194	35.987	26.974	29.520	36.415
9/3/12 5:00	38.106	37.971	33.067	9/3/12 5:00	37.853	21.010	34.189	35.987	26.974	29.517	36.410
9/3/12 5:20	38.104	37.971	33.063	9/3/12 5:20	37.851	21.010	34.187	35.987	26.971	29.515	36.408
9/3/12 5:40	38.101	37.966	33.062	9/3/12 5:40	37.851	21.008	34.184	35.984	26.969	29.513	36.403
9/3/12 6:00	38.097	37.964	33.058	9/3/12 6:00	37.848	21.006	34.182	35.984	26.967	29.510	36.401
9/3/12 6:20	38.097	37.962	33.055	9/3/12 6:20	37.846	21.006	34.177	35.984	26.964	29.506	36.399
9/3/12 6:40	38.092	37.959	33.053	9/3/12 6:40	37.844	21.022	34.177	35.982	26.962	29.506	36.396
9/3/12 7:00	38.094	37.959	33.055	9/3/12 7:00	37.851	21.013	34.177	35.984	26.967	29.508	36.396
9/3/12 7:20	38.095	37.962	33.055	9/3/12 7:20	37.853	21.017	34.177	35.987	26.967	29.510	36.396
9/3/12 7:40	38.094	37.962	33.058	9/3/12 7:40	37.858	21.020	34.182	35.989	26.971	29.513	36.396
9/3/12 8:00	38.101	37.966	33.060	9/3/12 8:00	37.865	21.029	34.184	35.991	26.974	29.513	36.399
9/3/12 8:20	38.120	37.987	33.126	9/3/12 8:20	37.867	21.024	34.224	35.994	26.992	29.541	36.415
9/3/12 8:40	38.122	37.990	33.093	9/3/12 8:40	37.869	21.027	34.210	35.994	26.990	29.534	36.420
9/3/12 9:00	38.141	38.006	33.088	9/3/12 9:00	37.879	21.038	34.210	35.998	26.995	29.536	36.424
9/3/12 9:20	38.141	38.008	33.088	9/3/12 9:20	37.881	21.041	34.210	36.001	26.997	29.539	36.427
9/3/12 9:40	38.143	38.008	33.091	9/3/12 9:40	37.886	21.041	34.212	36.001	26.999	29.541	36.431
9/3/12 10:00	38.143	38.008	33.091	9/3/12 10:00	37.886	21.048	34.214	36.003	26.999	29.543	36.436
9/3/12 10:20	38.150	38.015	33.346	9/3/12 10:20	37.890	21.052	34.275	36.005	27.013	29.548	36.438
9/3/12 10:40	38.183	38.053	33.248	9/3/12 10:40	37.888	21.048	34.303	36.003	27.039	29.595	36.466
9/3/12 11:00	38.171	38.039	33.159	9/3/12 11:00	37.883	21.048	34.263	36.001	27.023	29.574	36.478
9/3/12 11:20	38.181	38.046	33.138	9/3/12 11:20	37.888	21.048	34.252	36.005	27.023	29.569	36.476
9/3/12 11:40	38.176	38.043	33.128	9/3/12 11:40	37.886	21.048	34.247	36.003	27.018	29.567	36.473
9/3/12 12:00	38.174	38.041	33.123	9/3/12 12:00	37.886	21.050	34.242	36.005	27.016	29.564	36.473
9/3/12 12:20	38.167	38.034	33.119	9/3/12 12:20	37.879	21.050	34.238	36.001	27.011	29.560	36.471
9/3/12 12:40	38.178	38.048	33.173	9/3/12 12:40	37.876	21.038	34.268	35.998	27.023	29.576	36.480
9/3/12 13:00	38.169	38.036	33.138	9/3/12 13:00	37.872	21.041	34.247	35.996	27.013	29.564	36.480
9/3/12 13:20	38.188	38.055	33.246	9/3/12 13:20	37.879	21.050	34.296	36.001	27.034	29.583	36.483
9/3/12 13:40	38.337	38.279	33.159	9/3/12 13:40	37.879	21.050	34.266	36.003	27.025	29.578	36.490
9/3/12 14:00	38.206	38.083	33.138	9/3/12 14:00	37.876	21.048	34.256	36.003	27.020	29.569	36.485
9/3/12 14:20	38.178	38.046	33.131	9/3/12 14:20	37.874	21.048	34.249	35.998	27.016	29.567	36.483
9/3/12 14:40	38.202	38.046	33.123	9/3/12 14:40	37.869	21.045	34.240	35.998	27.011	29.560	36.476
9/3/12 15:00	38.195	38.055	33.116	9/3/12 15:00	37.860	21.038	34.233	35.994	27.004	29.555	36.471

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/3/12 15:20	38.223	38.116	33.112	9/3/12 15:20	37.853	21.031	34.231	35.991	26.997	29.548	36.466
9/3/12 15:40	38.484	38.480	33.109	9/3/12 15:40	37.851	21.034	34.233	35.991	26.999	29.548	36.469
9/3/12 16:00	38.288	38.165	33.116	9/3/12 16:00	37.848	21.031	34.242	35.996	27.002	29.550	36.480
9/3/12 16:20	38.225	38.088	33.116	9/3/12 16:20	37.844	21.024	34.238	35.989	26.997	29.550	36.487
9/3/12 16:40	38.195	38.057	33.330	9/3/12 16:40	37.837	21.017	34.282	35.984	26.997	29.543	36.478
9/3/12 17:00	38.197	38.062	33.161	9/3/12 17:00	37.841	21.022	34.261	35.987	27.004	29.564	36.490
9/3/12 17:20	38.181	38.043	33.133	9/3/12 17:20	37.846	21.031	34.245	35.987	27.004	29.557	36.485
9/3/12 17:40	38.356	38.265	33.121	9/3/12 17:40	37.851	21.031	34.242	35.994	27.004	29.553	36.476
9/3/12 18:00	38.190	38.055	33.119	9/3/12 18:00	37.855	21.034	34.240	35.994	27.004	29.555	36.473
9/3/12 18:20	38.342	38.319	33.116	9/3/12 18:20	37.858	21.038	34.240	35.996	27.004	29.555	36.471
9/3/12 18:40	38.230	38.102	33.119	9/3/12 18:40	37.862	21.045	34.245	36.003	27.011	29.560	36.473
9/3/12 19:00	38.185	38.053	33.116	9/3/12 19:00	37.865	21.050	34.240	35.998	27.011	29.560	36.476
9/3/12 19:20	38.195	38.060	33.182	9/3/12 19:20	37.860	21.041	34.273	35.996	27.023	29.578	36.480
9/3/12 19:40	38.199	38.062	33.145	9/3/12 19:40	37.869	21.048	34.259	35.998	27.020	29.571	36.483
9/3/12 20:00	38.202	38.064	33.131	9/3/12 20:00	37.867	21.052	34.249	35.998	27.018	29.567	36.478
9/3/12 20:20	38.202	38.064	33.126	9/3/12 20:20	37.865	21.055	34.245	35.996	27.016	29.564	36.473
9/3/12 20:40	38.199	38.060	33.123	9/3/12 20:40	37.865	21.050	34.245	35.996	27.016	29.562	36.473
9/3/12 21:00	38.211	38.076	33.199	9/3/12 21:00	37.867	21.055	34.287	35.998	27.032	29.588	36.483
9/3/12 21:20	38.202	38.064	33.152	9/3/12 21:20	37.865	21.062	34.261	35.996	27.023	29.576	36.487
9/3/12 21:40	38.190	38.053	33.138	9/3/12 21:40	37.867	21.055	34.256	35.998	27.023	29.574	36.485
9/3/12 22:00	38.211	38.069	33.131	9/3/12 22:00	37.867	21.052	34.252	35.998	27.023	29.571	36.480
9/3/12 22:20	38.206	38.067	33.131	9/3/12 22:20	37.869	21.057	34.249	35.998	27.023	29.571	36.480
9/3/12 22:40	38.197	38.060	33.128	9/3/12 22:40	37.869	21.057	34.247	35.998	27.020	29.569	36.478
9/3/12 23:00	38.185	38.048	33.126	9/3/12 23:00	37.867	21.057	34.245	35.998	27.018	29.567	36.478
9/3/12 23:20	38.181	38.043	33.123	9/3/12 23:20	37.869	21.059	34.245	35.998	27.020	29.567	36.476
9/3/12 23:40	38.176	38.036	33.123	9/3/12 23:40	37.869	21.062	34.242	35.998	27.018	29.564	36.473
9/4/12 0:00	38.171	38.034	33.128	9/4/12 0:00	37.872	21.062	34.268	35.998	27.020	29.567	36.471
9/4/12 0:20	38.188	38.053	33.175	9/4/12 0:20	37.874	21.073	34.277	36.001	27.037	29.588	36.485
9/4/12 0:40	38.183	38.046	33.154	9/4/12 0:40	37.883	21.080	34.268	36.003	27.037	29.585	36.490
9/4/12 1:00	38.176	38.039	33.138	9/4/12 1:00	37.876	21.073	34.256	36.003	27.030	29.581	36.485
9/4/12 1:20	38.169	38.032	33.133	9/4/12 1:20	37.876	21.066	34.252	35.998	27.025	29.576	36.478
9/4/12 1:40	38.169	38.032	33.131	9/4/12 1:40	37.881	21.083	34.252	36.003	27.030	29.576	36.478
9/4/12 2:00	38.167	38.027	33.131	9/4/12 2:00	37.881	21.078	34.249	36.003	27.030	29.576	36.476
9/4/12 2:20	38.162	38.025	33.126	9/4/12 2:20	37.876	21.078	34.245	36.003	27.025	29.574	36.471

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/4/12 2:40	38.162	38.025	33.124	9/4/12 2:40	37.879	21.076	34.242	36.001	27.025	29.571	36.469
9/4/12 3:00	38.157	38.020	33.121	9/4/12 3:00	37.876	21.076	34.242	36.001	27.023	29.567	36.466
9/4/12 3:20	38.157	38.020	33.119	9/4/12 3:20	37.876	21.080	34.242	36.001	27.025	29.567	36.464
9/4/12 3:40	38.150	38.013	33.116	9/4/12 3:40	37.874	21.080	34.238	35.998	27.020	29.564	36.462
9/4/12 4:00	38.171	38.036	33.191	9/4/12 4:00	37.874	21.080	34.277	36.001	27.034	29.588	36.469
9/4/12 4:20	38.160	38.025	33.145	9/4/12 4:20	37.874	21.080	34.256	35.998	27.030	29.576	36.473
9/4/12 4:40	38.155	38.020	33.128	9/4/12 4:40	37.872	21.080	34.245	35.998	27.023	29.571	36.466
9/4/12 5:00	38.148	38.011	33.119	9/4/12 5:00	37.867	21.078	34.238	35.994	27.018	29.564	36.459
9/4/12 5:20	38.146	38.008	33.114	9/4/12 5:20	37.869	21.080	34.235	35.996	27.018	29.562	36.455
9/4/12 5:40	38.146	38.008	33.112	9/4/12 5:40	37.872	21.090	34.235	35.998	27.020	29.564	36.455
9/4/12 6:00	38.143	38.006	33.112	9/4/12 6:00	37.876	21.087	34.235	36.001	27.020	29.564	36.450
9/4/12 6:20	38.143	38.004	33.110	9/4/12 6:20	37.876	21.087	34.233	35.998	27.020	29.564	36.448
9/4/12 6:40	38.141	38.004	33.109	9/4/12 6:40	37.879	21.094	34.231	36.001	27.020	29.562	36.448
9/4/12 7:00	38.160	38.020	33.112	9/4/12 7:00	37.886	21.104	34.235	36.003	27.027	29.567	36.448
9/4/12 7:20	38.171	38.034	33.116	9/4/12 7:20	37.890	21.104	34.240	36.005	27.032	29.571	36.450
9/4/12 7:40	38.188	38.050	33.191	9/4/12 7:40	37.890	21.106	34.287	36.005	27.053	29.599	36.469
9/4/12 8:00	38.181	38.041	33.154	9/4/12 8:00	37.893	21.111	34.266	36.008	27.046	29.590	36.478
9/4/12 8:20	38.171	38.036	33.142	9/4/12 8:20	37.893	21.108	34.261	36.005	27.044	29.588	36.476
9/4/12 8:40	38.169	38.032	33.135	9/4/12 8:40	37.893	21.111	34.256	36.005	27.039	29.585	36.471
9/4/12 9:00	38.162	38.025	33.131	9/4/12 9:00	37.888	21.108	34.252	36.003	27.037	29.581	36.469
9/4/12 9:20	38.162	38.025	33.131	9/4/12 9:20	37.888	21.111	34.249	36.005	27.037	29.578	36.466
9/4/12 9:40	38.160	38.022	33.126	9/4/12 9:40	37.886	21.106	34.247	36.003	27.032	29.576	36.466
9/4/12 10:00	38.160	38.020	33.126	9/4/12 10:00	37.886	21.106	34.245	36.003	27.032	29.576	36.466
9/4/12 10:20	38.160	38.022	33.123	9/4/12 10:20	37.886	21.104	34.245	36.005	27.034	29.576	36.466
9/4/12 10:40	38.171	38.032	33.332	9/4/12 10:40	37.881	21.099	34.305	36.003	27.046	29.583	36.466
9/4/12 11:00	38.174	38.036	33.166	9/4/12 11:00	37.879	21.106	34.270	36.001	27.041	29.592	36.480
9/4/12 11:20	38.169	38.034	33.147	9/4/12 11:20	37.883	21.106	34.263	36.003	27.041	29.588	36.483
9/4/12 11:40	38.167	38.029	33.138	9/4/12 11:40	37.879	21.106	34.254	36.001	27.034	29.581	36.480
9/4/12 12:00	38.157	38.020	33.128	9/4/12 12:00	37.869	21.092	34.245	35.996	27.025	29.574	36.476
9/4/12 12:20	38.171	38.036	33.295	9/4/12 12:20	37.860	21.090	34.298	35.991	27.037	29.578	36.473
9/4/12 12:40	38.164	38.027	33.154	9/4/12 12:40	37.851	21.073	34.259	35.987	27.020	29.576	36.483
9/4/12 13:00	38.199	38.062	33.623	9/4/12 13:00	37.844	21.073	34.399	35.984	27.055	29.599	36.485
9/4/12 13:20	38.267	38.137	33.811	9/4/12 13:20	37.837	21.064	34.531	35.979	27.109	29.681	36.548
9/4/12 13:40	38.314	38.188	33.851	9/4/12 13:40	37.827	21.062	34.604	35.977	27.142	29.730	36.616

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/4/12 14:00	38.351	38.228	33.865	9/4/12 14:00	37.825	21.057	34.662	35.977	27.165	29.768	36.672
9/4/12 14:20	38.372	38.254	33.902	9/4/12 14:20	37.816	21.055	34.708	35.975	27.184	29.798	36.712
9/4/12 14:40	38.395	38.275	33.998	9/4/12 14:40	37.813	21.050	34.748	35.972	27.203	29.819	36.747
9/4/12 15:00	38.421	38.317	34.106	9/4/12 15:00	37.804	21.048	34.778	35.970	27.212	29.835	36.773
9/4/12 15:20	38.493	38.399	34.172	9/4/12 15:20	37.795	21.041	34.804	35.970	27.224	29.849	36.794
9/4/12 15:40	38.451	38.357	33.679	9/4/12 15:40	37.786	21.031	34.662	35.965	27.186	29.826	36.813
9/4/12 16:00	38.505	38.462	33.473	9/4/12 16:00	37.776	21.027	34.534	35.961	27.132	29.751	36.759
9/4/12 16:20	38.444	38.394	33.609	9/4/12 16:20	37.774	21.022	34.522	35.958	27.111	29.707	36.698
9/4/12 16:40	38.381	38.258	33.363	9/4/12 16:40	37.774	21.024	34.457	35.961	27.100	29.697	36.665
9/4/12 17:00	38.323	38.214	33.299	9/4/12 17:00	37.774	21.024	34.410	35.961	27.079	29.672	36.632
9/4/12 17:20	38.437	38.415	33.255	9/4/12 17:20	37.769	21.020	34.378	35.958	27.060	29.644	36.600
9/4/12 17:40	38.451	38.438	33.224	9/4/12 17:40	37.769	21.013	34.352	35.958	27.046	29.630	36.574
9/4/12 18:00	38.281	38.212	33.201	9/4/12 18:00	37.758	21.008	34.322	35.951	27.027	29.609	36.551
9/4/12 18:20	38.192	38.062	33.173	9/4/12 18:20	37.753	21.003	34.305	35.947	27.013	29.590	36.527
9/4/12 18:40	38.265	38.135	33.642	9/4/12 18:40	37.790	21.055	34.529	35.961	27.114	29.683	36.548
9/4/12 19:00	38.563	38.518	33.794	9/4/12 19:00	37.886	21.134	34.659	36.019	27.245	29.812	36.639
9/4/12 19:20	38.848	38.941	33.450	9/4/12 19:20	37.872	21.120	34.534	36.019	27.182	29.775	36.668
9/4/12 19:40	38.733	38.791	33.377	9/4/12 19:40	37.879	21.120	34.517	36.024	27.170	29.754	36.677
9/4/12 20:00	38.449	38.413	33.400	9/4/12 20:00	37.860	21.099	34.492	36.012	27.156	29.751	36.684
9/4/12 20:20	38.367	38.284	33.328	9/4/12 20:20	37.844	21.080	34.436	36.003	27.123	29.711	36.661
9/4/12 20:40	38.302	38.191	33.278	9/4/12 20:40	37.818	21.062	34.396	35.996	27.093	29.676	36.625
9/4/12 21:00	38.670	38.688	33.285	9/4/12 21:00	37.895	21.138	34.426	36.015	27.154	29.709	36.618
9/4/12 21:20	38.384	38.331	33.288	9/4/12 21:20	37.916	21.155	34.422	36.010	27.156	29.728	36.616
9/4/12 21:40	38.416	38.403	33.241	9/4/12 21:40	37.841	21.087	34.373	36.010	27.095	29.667	36.583
9/4/12 22:00	38.295	38.195	33.299	9/4/12 22:00	37.841	21.085	34.399	36.005	27.104	29.681	36.586
9/4/12 22:20	38.265	38.144	33.245	9/4/12 22:20	37.841	21.092	34.366	36.003	27.093	29.662	36.576
9/4/12 22:40	38.253	38.135	33.222	9/4/12 22:40	37.839	21.083	34.347	36.003	27.081	29.648	36.558
9/4/12 23:00	38.220	38.093	33.203	9/4/12 23:00	37.834	21.076	34.329	36.001	27.069	29.637	36.541
9/4/12 23:20	38.202	38.069	33.189	9/4/12 23:20	37.832	21.080	34.315	36.001	27.062	29.627	36.525
9/4/12 23:40	38.188	38.053	33.175	9/4/12 23:40	37.827	21.071	34.301	35.998	27.053	29.618	36.511
9/5/12 0:00	38.176	38.041	33.163	9/5/12 0:00	37.827	21.066	34.291	35.998	27.048	29.609	36.499
9/5/12 0:20	38.167	38.032	33.154	9/5/12 0:20	37.825	21.069	34.280	35.998	27.041	29.602	36.487
9/5/12 0:40	38.178	38.041	33.302	9/5/12 0:40	37.827	21.078	34.336	35.996	27.060	29.613	36.483
9/5/12 1:00	38.172	38.036	33.184	9/5/12 1:00	37.832	21.078	34.298	35.996	27.051	29.616	36.492

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/5/12 1:20	38.160	38.027	33.161	9/5/12 1:20	37.834	21.080	34.284	35.996	27.046	29.604	36.485
9/5/12 1:40	38.153	38.020	33.147	9/5/12 1:40	37.834	21.076	34.273	35.994	27.039	29.597	36.476
9/5/12 2:00	38.148	38.013	33.142	9/5/12 2:00	37.834	21.080	34.268	35.994	27.039	29.592	36.469
9/5/12 2:20	38.143	38.008	33.133	9/5/12 2:20	37.834	21.078	34.261	35.994	27.034	29.588	36.462
9/5/12 2:40	38.143	38.006	33.131	9/5/12 2:40	37.841	21.083	34.259	35.994	27.034	29.585	36.457
9/5/12 3:00	38.141	38.006	33.131	9/5/12 3:00	37.848	21.092	34.259	35.994	27.037	29.588	36.457
9/5/12 3:20	38.136	38.001	33.126	9/5/12 3:20	37.851	21.090	34.254	35.994	27.034	29.585	36.452
9/5/12 3:40	38.134	37.999	33.123	9/5/12 3:40	37.851	21.092	34.249	35.994	27.032	29.583	36.450
9/5/12 4:00	38.132	37.997	33.119	9/5/12 4:00	37.851	21.092	34.247	35.991	27.030	29.581	36.445
9/5/12 4:20	38.132	37.999	33.121	9/5/12 4:20	37.858	21.104	34.249	35.994	27.037	29.583	36.445
9/5/12 4:40	38.134	37.997	33.121	9/5/12 4:40	37.865	21.103	34.247	35.991	27.037	29.583	36.445
9/5/12 5:00	38.132	37.999	33.119	9/5/12 5:00	37.865	21.108	34.247	35.991	27.034	29.583	36.443
9/5/12 5:20	38.134	37.992	33.116	9/5/12 5:20	37.865	21.108	34.242	35.991	27.032	29.578	36.441
9/5/12 5:40	38.129	37.992	33.114	9/5/12 5:40	37.865	21.111	34.240	35.991	27.030	29.576	36.438
9/5/12 6:00	38.132	37.997	33.116	9/5/12 6:00	37.872	21.122	34.242	35.991	27.037	29.581	36.441
9/5/12 6:20	38.134	37.997	33.119	9/5/12 6:20	37.881	21.129	34.249	35.991	27.041	29.583	36.441
9/5/12 6:40	38.136	37.997	33.121	9/5/12 6:40	37.883	21.136	34.249	35.991	27.046	29.588	36.441
9/5/12 7:00	38.143	38.006	33.126	9/5/12 7:00	37.893	21.143	34.254	35.994	27.051	29.592	36.443
9/5/12 7:20	38.141	38.001	33.126	9/5/12 7:20	37.893	21.145	34.252	35.991	27.048	29.590	36.443
9/5/12 7:40	38.141	38.004	33.121	9/5/12 7:40	37.890	21.138	34.249	35.994	27.046	29.590	36.443
9/5/12 8:00	38.162	38.027	33.206	9/5/12 8:00	37.895	21.141	34.296	35.994	27.067	29.618	36.459
9/5/12 8:20	38.164	38.027	33.163	9/5/12 8:20	37.904	21.150	34.282	35.994	27.069	29.613	36.471
9/5/12 8:40	38.157	38.020	33.149	9/5/12 8:40	37.904	21.152	34.275	35.991	27.065	29.606	36.466
9/5/12 9:00	38.162	38.025	33.149	9/5/12 9:00	37.911	21.157	34.275	35.994	27.067	29.611	36.469
9/5/12 9:20	38.160	38.022	33.145	9/5/12 9:20	37.911	21.159	34.273	35.994	27.067	29.609	36.466
9/5/12 9:40	38.162	38.025	33.147	9/5/12 9:40	37.911	21.157	34.270	35.996	27.069	29.609	36.469
9/5/12 10:00	38.169	38.025	33.159	9/5/12 10:00	37.925	21.173	34.268	35.998	27.079	29.616	36.473
9/5/12 10:20	38.258	38.156	33.161	9/5/12 10:20	37.932	21.183	34.291	36.012	27.088	29.625	36.480
9/5/12 10:40	38.561	38.632	33.262	9/5/12 10:40	37.928	21.180	34.350	36.017	27.107	29.651	36.502
9/5/12 11:00	38.717	38.810	33.222	9/5/12 11:00	37.935	21.185	34.352	36.029	27.111	29.658	36.539
9/5/12 11:20	38.855	39.004	33.234	9/5/12 11:20	37.939	21.190	34.368	36.038	27.121	29.667	36.574
9/5/12 11:40	38.789	38.922	33.245	9/5/12 11:40	37.932	21.192	34.382	36.040	27.125	29.676	36.607
9/5/12 12:00	38.876	38.990	33.262	9/5/12 12:00	37.937	21.190	34.399	36.047	27.135	29.686	36.637
9/5/12 12:20	38.824	38.929	33.374	9/5/12 12:20	37.937	21.197	34.459	36.047	27.163	29.723	36.668

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/5/12 12:40	38.687	38.754	33.318	9/5/12 12:40	37.928	21.192	34.433	36.047	27.151	29.716	36.686
9/5/12 13:00	38.778	38.831	33.304	9/5/12 13:00	37.928	21.187	34.431	36.045	27.151	29.714	36.691
9/5/12 13:20	38.796	38.854	33.302	9/5/12 13:20	37.928	21.190	34.431	36.047	27.153	29.716	36.691
9/5/12 13:40	38.822	38.901	33.304	9/5/12 13:40	37.923	21.185	34.431	36.050	27.154	29.714	36.693
9/5/12 14:00	38.796	38.826	33.428	9/5/12 14:00	37.914	21.178	34.482	36.045	27.167	29.735	36.703
9/5/12 14:20	38.773	38.826	33.337	9/5/12 14:20	37.904	21.173	34.452	36.045	27.153	29.726	36.714
9/5/12 14:40	38.775	38.805	33.325	9/5/12 14:40	37.914	21.192	34.454	36.050	27.163	29.728	36.719
9/5/12 15:00	38.484	38.375	33.320	9/5/12 15:00	37.916	21.197	34.440	36.043	27.161	29.728	36.714
9/5/12 15:20	38.451	38.366	33.304	9/5/12 15:20	37.907	21.194	34.426	36.038	27.151	29.719	36.696
9/5/12 15:40	38.486	38.441	33.367	9/5/12 15:40	37.900	21.187	34.457	36.036	27.161	29.735	36.686
9/5/12 16:00	38.575	38.513	33.384	9/5/12 16:00	37.900	21.185	34.471	36.036	27.170	29.744	36.691
9/5/12 16:20	38.442	38.331	33.632	9/5/12 16:20	37.902	21.187	34.557	36.033	27.200	29.770	36.698
9/5/12 16:40	38.661	38.672	33.574	9/5/12 16:40	37.890	21.176	34.536	36.033	27.191	29.761	36.705
9/5/12 17:00	38.640	38.677	33.428	9/5/12 17:00	37.879	21.169	34.508	36.029	27.167	29.744	36.698
9/5/12 17:20	38.724	38.808	33.510	9/5/12 17:20	37.872	21.164	34.536	36.031	27.186	29.770	36.703
9/5/12 17:40	38.719	38.726	33.632	9/5/12 17:40	37.869	21.159	34.578	36.031	27.196	29.777	36.721
9/5/12 18:00	38.703	38.635	33.567	9/5/12 18:00	37.867	21.164	34.576	36.029	27.207	29.796	36.735
9/5/12 18:20	38.540	38.469	33.487	9/5/12 18:20	37.862	21.162	34.550	36.026	27.200	29.793	36.754
9/5/12 18:40	38.477	38.359	33.473	9/5/12 18:40	37.860	21.152	34.543	36.024	27.196	29.791	36.749
9/5/12 19:00	38.398	38.270	33.389	9/5/12 19:00	37.862	21.164	34.489	36.019	27.179	29.761	36.724
9/5/12 19:20	38.379	38.249	33.644	9/5/12 19:20	37.862	21.164	34.531	36.017	27.181	29.749	36.693
9/5/12 19:40	38.349	38.221	33.377	9/5/12 19:40	37.867	21.169	34.473	36.017	27.177	29.756	36.682
9/5/12 20:00	38.318	38.188	33.325	9/5/12 20:00	37.867	21.173	34.443	36.017	27.165	29.737	36.656
9/5/12 20:20	38.300	38.167	33.302	9/5/12 20:20	37.874	21.183	34.422	36.019	27.161	29.728	36.632
9/5/12 20:40	38.283	38.151	33.288	9/5/12 20:40	37.881	21.190	34.412	36.019	27.161	29.721	36.614
9/5/12 21:00	38.276	38.144	33.281	9/5/12 21:00	37.900	21.204	34.408	36.024	27.168	29.726	36.602
9/5/12 21:20	38.269	38.137	33.274	9/5/12 21:20	37.904	21.208	34.401	36.026	27.168	29.723	36.590
9/5/12 21:40	38.267	38.132	33.271	9/5/12 21:40	37.914	21.222	34.399	36.029	27.172	29.723	36.583
9/5/12 22:00	38.267	38.130	33.264	9/5/12 22:00	37.918	21.227	34.396	36.029	27.172	29.723	36.579
9/5/12 22:20	38.265	38.132	33.264	9/5/12 22:20	37.923	21.236	34.394	36.031	27.175	29.723	36.574
9/5/12 22:40	38.262	38.125	33.260	9/5/12 22:40	37.925	21.234	34.389	36.031	27.175	29.723	36.572
9/5/12 23:00	38.260	38.123	33.257	9/5/12 23:00	37.923	21.232	34.385	36.031	27.170	29.719	36.569
9/5/12 23:20	38.253	38.116	33.255	9/5/12 23:20	37.923	21.239	34.380	36.029	27.168	29.714	36.567
9/5/12 23:40	38.253	38.116	33.253	9/5/12 23:40	37.925	21.246	34.380	36.031	27.170	29.716	36.567

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/6/12 0:00	38.267	38.130	33.473	9/6/12 0:00	37.930	21.248	34.447	36.031	27.191	29.728	36.567
9/6/12 0:20	38.267	38.132	33.302	9/6/12 0:20	37.930	21.248	34.412	36.031	27.184	29.737	36.583
9/6/12 0:40	38.260	38.125	33.276	9/6/12 0:40	37.925	21.248	34.396	36.031	27.177	29.726	36.581
9/6/12 1:00	38.255	38.118	33.267	9/6/12 1:00	37.925	21.250	34.389	36.029	27.175	29.721	36.576
9/6/12 1:20	38.255	38.118	33.262	9/6/12 1:20	37.930	21.250	34.387	36.031	27.177	29.721	36.574
9/6/12 1:40	38.251	38.116	33.260	9/6/12 1:40	37.932	21.253	34.385	36.031	27.177	29.721	36.572
9/6/12 2:00	38.253	38.116	33.257	9/6/12 2:00	37.935	21.260	34.385	36.031	27.177	29.721	36.572
9/6/12 2:20	38.248	38.109	33.255	9/6/12 2:20	37.930	21.264	34.382	36.029	27.175	29.716	36.567
9/6/12 2:40	38.251	38.114	33.255	9/6/12 2:40	37.937	21.267	34.382	36.031	27.177	29.719	36.569
9/6/12 3:00	38.253	38.116	33.260	9/6/12 3:00	37.944	21.276	34.387	36.031	27.184	29.726	36.572
9/6/12 3:20	38.248	38.114	33.257	9/6/12 3:20	37.935	21.269	34.378	36.033	27.175	29.723	36.569
9/6/12 3:40	38.248	38.111	33.252	9/6/12 3:40	37.935	21.276	34.378	36.031	27.175	29.719	36.567
9/6/12 4:00	38.272	38.137	33.407	9/6/12 4:00	37.935	21.281	34.443	36.031	27.200	29.740	36.572
9/6/12 4:20	38.267	38.130	33.297	9/6/12 4:20	37.937	21.281	34.410	36.031	27.191	29.740	36.588
9/6/12 4:40	38.258	38.123	33.278	9/6/12 4:40	37.935	21.278	34.396	36.031	27.186	29.730	36.583
9/6/12 5:00	38.258	38.123	33.271	9/6/12 5:00	37.937	21.285	34.394	36.031	27.186	29.728	36.579
9/6/12 5:20	38.255	38.118	33.264	9/6/12 5:20	37.935	21.281	34.389	36.031	27.186	29.726	36.576
9/6/12 5:40	38.253	38.118	33.262	9/6/12 5:40	37.937	21.288	34.387	36.031	27.184	29.726	36.574
9/6/12 6:00	38.253	38.116	33.260	9/6/12 6:00	37.935	21.288	34.382	36.031	27.182	29.723	36.572
9/6/12 6:20	38.248	38.114	33.255	9/6/12 6:20	37.935	21.288	34.380	36.031	27.182	29.723	36.569
9/6/12 6:40	38.248	38.111	33.257	9/6/12 6:40	37.935	21.288	34.382	36.031	27.182	29.723	36.569
9/6/12 7:00	38.248	38.111	33.255	9/6/12 7:00	37.935	21.290	34.378	36.029	27.182	29.719	36.565
9/6/12 7:20	38.246	38.111	33.255	9/6/12 7:20	37.935	21.288	34.378	36.029	27.182	29.721	36.565
9/6/12 7:40	38.244	38.107	33.250	9/6/12 7:40	37.928	21.288	34.373	36.029	27.177	29.716	36.562
9/6/12 8:00	38.241	38.107	33.250	9/6/12 8:00	37.932	21.295	34.375	36.029	27.179	29.716	36.562
9/6/12 8:20	38.246	38.109	33.252	9/6/12 8:20	37.937	21.297	34.378	36.029	27.186	29.723	36.565
9/6/12 8:40	38.241	38.107	33.250	9/6/12 8:40	37.928	21.295	34.373	36.029	27.179	29.719	36.562
9/6/12 9:00	38.244	38.107	33.492	9/6/12 9:00	37.916	21.283	34.424	36.024	27.179	29.711	36.558
9/6/12 9:20	38.246	38.114	33.285	9/6/12 9:20	37.907	21.271	34.389	36.019	27.172	29.721	36.572
9/6/12 9:40	38.239	38.104	33.255	9/6/12 9:40	37.897	21.269	34.371	36.017	27.161	29.704	36.567
9/6/12 10:00	38.234	38.097	33.241	9/6/12 10:00	37.890	21.269	34.361	36.015	27.154	29.695	36.560
9/6/12 10:20	38.227	38.095	33.234	9/6/12 10:20	37.886	21.257	34.354	36.012	27.149	29.690	36.555
9/6/12 10:40	38.223	38.088	33.227	9/6/12 10:40	37.881	21.257	34.347	36.010	27.142	29.686	36.548
9/6/12 11:00	38.244	38.111	33.344	9/6/12 11:00	37.876	21.255	34.396	36.010	27.156	29.700	36.551

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/6/12 11:20	38.230	38.095	33.252	9/6/12 11:20	37.865	21.241	34.359	36.005	27.139	29.688	36.558
9/6/12 11:40	38.218	38.083	33.229	9/6/12 11:40	37.858	21.234	34.345	36.003	27.128	29.674	36.548
9/6/12 12:00	38.209	38.074	33.215	9/6/12 12:00	37.848	21.225	34.329	36.001	27.116	29.665	36.541
9/6/12 12:20	38.216	38.095	33.203	9/6/12 12:20	37.839	21.225	34.319	35.998	27.107	29.653	36.532
9/6/12 12:40	38.197	38.064	33.196	9/6/12 12:40	37.832	21.222	34.312	35.996	27.102	29.646	36.525
9/6/12 13:00	38.227	38.086	33.189	9/6/12 13:00	37.830	21.213	34.308	35.996	27.100	29.644	36.520
9/6/12 13:20	38.232	38.095	33.187	9/6/12 13:20	37.823	21.213	34.308	35.994	27.093	29.639	36.518
9/6/12 13:40	38.239	38.102	33.358	9/6/12 13:40	37.813	21.201	34.359	35.989	27.100	29.644	36.518
9/6/12 14:00	38.225	38.093	33.220	9/6/12 14:00	37.809	21.204	34.324	35.989	27.090	29.644	36.532
9/6/12 14:20	38.206	38.071	33.189	9/6/12 14:20	37.797	21.197	34.303	35.987	27.074	29.627	36.525
9/6/12 14:40	38.195	38.062	33.173	9/6/12 14:40	37.786	21.185	34.287	35.982	27.060	29.613	36.513
9/6/12 15:00	38.241	38.177	33.159	9/6/12 15:00	37.776	21.176	34.275	35.979	27.046	29.599	36.502
9/6/12 15:20	38.178	38.043	33.149	9/6/12 15:20	37.769	21.176	34.266	35.977	27.039	29.592	36.494
9/6/12 15:40	38.157	38.022	33.135	9/6/12 15:40	37.760	21.162	34.252	35.972	27.025	29.578	36.485
9/6/12 16:00	38.169	38.062	33.124	9/6/12 16:00	37.751	21.148	34.240	35.970	27.013	29.567	36.471
9/6/12 16:20	38.148	38.018	33.112	9/6/12 16:20	37.744	21.148	34.231	35.968	27.004	29.557	36.462
9/6/12 16:40	38.139	37.999	33.105	9/6/12 16:40	37.737	21.138	34.219	35.963	26.995	29.546	36.452
9/6/12 17:00	38.134	38.001	33.095	9/6/12 17:00	37.727	21.134	34.212	35.961	26.983	29.536	36.443
9/6/12 17:20	38.232	38.095	33.088	9/6/12 17:20	37.727	21.136	34.210	35.961	26.978	29.531	36.438
9/6/12 17:40	38.225	38.198	33.081	9/6/12 17:40	37.720	21.129	34.203	35.961	26.971	29.524	36.434
9/6/12 18:00	38.174	38.046	33.147	9/6/12 18:00	37.716	21.117	34.238	35.956	26.981	29.541	36.445
9/6/12 18:20	38.144	38.008	33.107	9/6/12 18:20	37.723	21.134	34.219	35.958	26.976	29.531	36.450
9/6/12 18:40	38.132	37.997	33.093	9/6/12 18:40	37.732	21.138	34.212	35.958	26.976	29.529	36.441
9/6/12 19:00	38.153	38.015	33.088	9/6/12 19:00	37.739	21.141	34.210	35.958	26.978	29.529	36.434
9/6/12 19:20	38.153	38.013	33.086	9/6/12 19:20	37.744	21.145	34.205	35.961	26.978	29.529	36.429
9/6/12 19:40	38.139	38.001	33.081	9/6/12 19:40	37.744	21.136	34.201	35.958	26.974	29.524	36.427
9/6/12 20:00	38.139	37.999	33.344	9/6/12 20:00	37.751	21.148	34.263	35.961	26.988	29.527	36.422
9/6/12 20:20	38.146	38.011	33.133	9/6/12 20:20	37.765	21.159	34.238	35.963	26.997	29.550	36.441
9/6/12 20:40	38.141	38.006	33.114	9/6/12 20:40	37.783	21.178	34.231	35.970	27.004	29.555	36.443
9/6/12 21:00	38.132	37.997	33.102	9/6/12 21:00	37.781	21.169	34.221	35.968	26.997	29.543	36.434
9/6/12 21:20	38.169	38.053	33.107	9/6/12 21:20	37.802	21.185	34.228	35.977	27.009	29.555	36.438
9/6/12 21:40	38.139	37.999	33.098	9/6/12 21:40	37.786	21.173	34.217	35.970	26.995	29.543	36.431
9/6/12 22:00	38.134	37.997	33.095	9/6/12 22:00	37.797	21.173	34.217	35.972	26.997	29.543	36.431
9/6/12 22:20	38.134	37.994	33.093	9/6/12 22:20	37.797	21.178	34.214	35.972	26.997	29.543	36.429

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/6/12 22:40	38.136	37.999	33.098	9/6/12 22:40	37.813	21.190	34.221	35.977	27.006	29.550	36.434
9/6/12 23:00	38.134	37.997	33.300	9/6/12 23:00	37.816	21.190	34.270	35.977	27.013	29.553	36.431
9/6/12 23:20	38.150	38.013	33.149	9/6/12 23:20	37.825	21.201	34.254	35.979	27.025	29.574	36.450
9/6/12 23:40	38.143	38.008	33.131	9/6/12 23:40	37.834	21.208	34.245	35.982	27.025	29.574	36.452
9/7/12 0:00	38.136	37.999	33.116	9/7/12 0:00	37.830	21.199	34.233	35.982	27.016	29.564	36.448
9/7/12 0:20	38.136	37.997	33.112	9/7/12 0:20	37.830	21.194	34.228	35.982	27.013	29.560	36.443
9/7/12 0:40	38.132	37.997	33.107	9/7/12 0:40	37.830	21.199	34.228	35.979	27.011	29.557	36.443
9/7/12 1:00	38.132	37.992	33.105	9/7/12 1:00	37.830	21.197	34.224	35.979	27.009	29.555	36.441
9/7/12 1:20	38.127	37.990	33.100	9/7/12 1:20	37.827	21.190	34.217	35.979	27.004	29.553	36.438
9/7/12 1:40	38.127	37.987	33.098	9/7/12 1:40	37.827	21.187	34.219	35.979	27.006	29.548	36.436
9/7/12 2:00	38.127	37.987	33.098	9/7/12 2:00	37.832	21.197	34.217	35.979	27.004	29.550	36.436
9/7/12 2:20	38.136	37.999	33.095	9/7/12 2:20	37.832	21.192	34.217	35.979	27.002	29.548	36.434
9/7/12 2:40	38.127	37.987	33.095	9/7/12 2:40	37.827	21.192	34.214	35.979	26.999	29.543	36.434
9/7/12 3:00	38.127	37.987	33.095	9/7/12 3:00	37.832	21.185	34.212	35.979	26.999	29.548	36.434
9/7/12 3:20	38.129	37.992	33.095	9/7/12 3:20	37.834	21.194	34.214	35.982	27.002	29.548	36.434
9/7/12 3:40	38.127	37.992	33.095	9/7/12 3:40	37.839	21.204	34.217	35.982	27.006	29.546	36.434
9/7/12 4:00	38.237	38.139	33.109	9/7/12 4:00	37.860	21.227	34.240	35.996	27.025	29.564	36.445
9/7/12 4:20	38.171	38.039	33.119	9/7/12 4:20	37.867	21.225	34.242	35.994	27.030	29.571	36.457
9/7/12 4:40	38.162	38.025	33.121	9/7/12 4:40	37.869	21.232	34.242	35.996	27.032	29.576	36.459
9/7/12 5:00	38.155	38.018	33.121	9/7/12 5:00	37.872	21.234	34.242	35.994	27.032	29.574	36.457
9/7/12 5:20	38.155	38.015	33.124	9/7/12 5:20	37.879	21.243	34.245	35.996	27.037	29.578	36.459
9/7/12 5:40	38.155	38.018	33.128	9/7/12 5:40	37.890	21.253	34.254	35.998	27.044	29.583	36.462
9/7/12 6:00	38.183	38.048	33.201	9/7/12 6:00	37.907	21.262	34.298	36.005	27.074	29.620	36.480
9/7/12 6:20	38.183	38.046	33.175	9/7/12 6:20	37.921	21.276	34.294	36.010	27.081	29.623	36.490
9/7/12 6:40	38.188	38.046	33.168	9/7/12 6:40	37.921	21.283	34.289	36.010	27.081	29.623	36.490
9/7/12 7:00	38.199	38.062	33.175	9/7/12 7:00	37.939	21.302	34.296	36.017	27.095	29.632	36.494
9/7/12 7:20	38.206	38.069	33.182	9/7/12 7:20	37.953	21.311	34.303	36.022	27.107	29.644	36.502
9/7/12 7:40	38.227	38.093	33.276	9/7/12 7:40	37.953	21.313	34.357	36.022	27.128	29.674	36.516
9/7/12 8:00	38.230	38.095	33.231	9/7/12 8:00	37.965	21.323	34.345	36.026	27.132	29.674	36.532
9/7/12 8:20	38.239	38.100	33.229	9/7/12 8:20	37.983	21.344	34.347	36.033	27.146	29.683	36.537
9/7/12 8:40	38.246	38.111	33.229	9/7/12 8:40	37.988	21.346	34.350	36.038	27.151	29.690	36.541
9/7/12 9:00	38.593	38.665	33.299	9/7/12 9:00	37.976	21.334	34.392	36.040	27.161	29.707	36.551
9/7/12 9:20	38.631	38.663	33.269	9/7/12 9:20	37.981	21.344	34.396	36.050	27.165	29.704	36.581
9/7/12 9:40	38.600	38.623	33.283	9/7/12 9:40	38.002	21.365	34.415	36.059	27.186	29.726	36.611

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/7/12 10:00	38.633	38.653	33.290	9/7/12 10:00	37.990	21.355	34.417	36.059	27.184	29.730	36.630
9/7/12 10:20	38.558	38.527	33.299	9/7/12 10:20	37.997	21.362	34.426	36.059	27.196	29.740	36.649
9/7/12 10:40	38.773	38.859	33.306	9/7/12 10:40	37.995	21.360	34.433	36.064	27.196	29.744	36.656
9/7/12 11:00	38.855	38.929	33.311	9/7/12 11:00	37.993	21.367	34.452	36.066	27.205	29.740	36.670
9/7/12 11:20	38.869	38.904	33.332	9/7/12 11:20	37.997	21.369	34.461	36.043	27.212	29.763	36.698
9/7/12 11:40	39.020	39.121	33.372	9/7/12 11:40	38.074	21.441	34.534	36.061	27.291	29.800	36.735
9/7/12 12:00	39.071	39.217	33.377	9/7/12 12:00	38.021	21.395	34.522	36.057	27.259	29.798	36.752
9/7/12 12:20	39.051	39.184	33.410	9/7/12 12:20	38.053	21.427	34.555	36.064	27.291	29.835	36.789
9/7/12 12:40	38.906	38.955	33.428	9/7/12 12:40	38.053	21.427	34.562	36.040	27.301	29.854	36.813
9/7/12 13:00	38.778	38.752	33.433	9/7/12 13:00	38.053	21.430	34.562	36.033	27.305	29.859	36.813
9/7/12 13:20	38.838	38.889	33.435	9/7/12 13:20	38.053	21.434	34.564	36.038	27.308	29.861	36.813
9/7/12 13:40	38.628	38.583	33.445	9/7/12 13:40	38.067	21.453	34.571	36.031	27.324	29.877	36.820
9/7/12 14:00	38.526	38.436	33.501	9/7/12 14:00	38.060	21.444	34.597	36.026	27.333	29.896	36.820
9/7/12 14:20	38.482	38.389	33.454	9/7/12 14:20	38.051	21.446	34.566	36.026	27.322	29.877	36.801
9/7/12 14:40	38.680	38.618	33.443	9/7/12 14:40	38.044	21.441	34.562	36.033	27.317	29.873	36.787
9/7/12 15:00	38.932	39.023	33.555	9/7/12 15:00	38.025	21.427	34.617	36.043	27.326	29.887	36.792
9/7/12 15:20	38.897	38.908	33.475	9/7/12 15:20	38.014	21.416	34.590	36.050	27.317	29.880	36.815
9/7/12 15:40	38.859	38.871	33.461	9/7/12 15:40	38.002	21.409	34.587	36.059	27.310	29.873	36.827
9/7/12 16:00	39.051	39.175	33.464	9/7/12 16:00	38.002	21.409	34.594	36.071	27.317	29.877	36.838
9/7/12 16:20	39.030	39.135	33.468	9/7/12 16:20	37.997	21.409	34.599	36.075	27.317	29.882	36.855
9/7/12 16:40	39.113	39.231	33.478	9/7/12 16:40	37.990	21.411	34.608	36.080	27.322	29.884	36.864
9/7/12 17:00	39.099	39.207	33.482	9/7/12 17:00	37.986	21.406	34.611	36.082	27.324	29.889	36.876
9/7/12 17:20	39.069	39.168	33.487	9/7/12 17:20	37.981	21.406	34.617	36.087	27.326	29.891	36.883
9/7/12 17:40	39.032	39.128	33.492	9/7/12 17:40	37.983	21.409	34.624	36.087	27.331	29.898	36.890
9/7/12 18:00	38.988	39.023	33.494	9/7/12 18:00	37.976	21.413	34.622	36.087	27.333	29.898	36.894
9/7/12 18:20	39.060	39.172	33.492	9/7/12 18:20	37.974	21.418	34.622	36.089	27.333	29.898	36.887
9/7/12 18:40	39.067	39.168	33.496	9/7/12 18:40	37.976	21.416	34.627	36.089	27.336	29.903	36.887
9/7/12 19:00	38.967	39.032	33.499	9/7/12 19:00	37.974	21.423	34.631	36.094	27.343	29.908	36.890
9/7/12 19:20	38.649	38.530	33.499	9/7/12 19:20	37.976	21.423	34.622	36.085	27.343	29.910	36.887
9/7/12 19:40	38.579	38.452	33.562	9/7/12 19:40	37.972	21.423	34.648	36.078	27.357	29.931	36.880
9/7/12 20:00	38.526	38.396	33.506	9/7/12 20:00	37.976	21.432	34.617	36.075	27.347	29.915	36.859
9/7/12 20:20	38.486	38.357	33.480	9/7/12 20:20	37.976	21.432	34.599	36.073	27.343	29.908	36.829
9/7/12 20:40	38.463	38.333	33.464	9/7/12 20:40	37.981	21.441	34.587	36.073	27.343	29.901	36.803
9/7/12 21:00	38.444	38.312	33.454	9/7/12 21:00	37.986	21.453	34.576	36.073	27.343	29.896	36.785

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/7/12 21:20	38.430	38.298	33.447	9/7/12 21:20	37.993	21.460	34.571	36.075	27.347	29.898	36.770
9/7/12 21:40	38.421	38.286	33.440	9/7/12 21:40	37.995	21.465	34.566	36.075	27.347	29.898	36.756
9/7/12 22:00	38.407	38.277	33.436	9/7/12 22:00	37.995	21.469	34.559	36.075	27.347	29.896	36.747
9/7/12 22:20	38.402	38.270	33.431	9/7/12 22:20	37.997	21.472	34.557	36.075	27.347	29.891	36.738
9/7/12 22:40	38.398	38.263	33.426	9/7/12 22:40	38.000	21.474	34.552	36.073	27.347	29.891	36.733
9/7/12 23:00	38.395	38.261	33.428	9/7/12 23:00	38.004	21.476	34.552	36.075	27.352	29.894	36.728
9/7/12 23:20	38.393	38.254	33.426	9/7/12 23:20	38.002	21.481	34.550	36.075	27.352	29.891	36.724
9/7/12 23:40	38.388	38.256	33.426	9/7/12 23:40	38.007	21.486	34.550	36.075	27.352	29.894	36.721
9/8/12 0:00	38.386	38.251	33.424	9/8/12 0:00	38.004	21.483	34.545	36.075	27.352	29.891	36.719
9/8/12 0:20	38.384	38.247	33.419	9/8/12 0:20	38.000	21.486	34.545	36.075	27.350	29.889	36.717
9/8/12 0:40	38.381	38.247	33.419	9/8/12 0:40	37.997	21.488	34.543	36.073	27.350	29.884	36.714
9/8/12 1:00	38.381	38.244	33.417	9/8/12 1:00	37.997	21.495	34.541	36.073	27.350	29.887	36.714
9/8/12 1:20	38.381	38.244	33.419	9/8/12 1:20	38.002	21.493	34.543	36.075	27.354	29.889	36.714
9/8/12 1:40	38.379	38.242	33.417	9/8/12 1:40	37.997	21.490	34.555	36.073	27.354	29.889	36.712
9/8/12 2:00	38.393	38.261	33.471	9/8/12 2:00	37.995	21.493	34.573	36.073	27.364	29.908	36.726
9/8/12 2:20	38.393	38.256	33.443	9/8/12 2:20	37.993	21.497	34.557	36.073	27.359	29.898	36.726
9/8/12 2:40	38.503	38.373	33.433	9/8/12 2:40	37.990	21.490	34.555	36.075	27.357	29.896	36.726
9/8/12 3:00	38.435	38.317	33.433	9/8/12 3:00	37.993	21.502	34.557	36.075	27.359	29.898	36.731
9/8/12 3:20	38.407	38.270	33.435	9/8/12 3:20	37.997	21.504	34.557	36.078	27.366	29.903	36.733
9/8/12 3:40	38.398	38.261	33.435	9/8/12 3:40	38.000	21.504	34.559	36.075	27.368	29.906	36.733
9/8/12 4:00	38.395	38.261	33.433	9/8/12 4:00	38.000	21.514	34.559	36.075	27.368	29.906	36.731
9/8/12 4:20	38.388	38.254	33.433	9/8/12 4:20	37.995	21.509	34.555	36.075	27.366	29.903	36.728
9/8/12 4:40	38.386	38.251	33.431	9/8/12 4:40	37.990	21.504	34.550	36.073	27.364	29.898	36.726
9/8/12 5:00	38.386	38.249	33.431	9/8/12 5:00	37.995	21.523	34.552	36.073	27.366	29.901	36.726
9/8/12 5:20	38.384	38.247	33.429	9/8/12 5:20	37.993	21.518	34.550	36.073	27.366	29.901	36.724
9/8/12 5:40	38.381	38.247	33.426	9/8/12 5:40	37.986	21.516	34.548	36.071	27.364	29.898	36.721
9/8/12 6:00	38.379	38.240	33.424	9/8/12 6:00	37.983	21.511	34.545	36.068	27.361	29.896	36.719
9/8/12 6:20	38.377	38.242	33.421	9/8/12 6:20	37.981	21.511	34.545	36.068	27.359	29.894	36.719
9/8/12 6:40	38.379	38.242	33.421	9/8/12 6:40	37.983	21.518	34.548	36.071	27.364	29.896	36.717
9/8/12 7:00	38.381	38.244	33.428	9/8/12 7:00	37.990	21.523	34.550	36.073	27.368	29.901	36.719
9/8/12 7:20	38.381	38.244	33.429	9/8/12 7:20	37.990	21.530	34.552	36.073	27.371	29.903	36.719
9/8/12 7:40	38.381	38.244	33.431	9/8/12 7:40	37.997	21.532	34.555	36.075	27.376	29.908	36.721
9/8/12 8:00	38.384	38.247	33.433	9/8/12 8:00	38.000	21.542	34.557	36.075	27.380	29.913	36.721
9/8/12 8:20	38.400	38.270	33.508	9/8/12 8:20	38.002	21.542	34.597	36.075	27.399	29.938	36.735

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/8/12 8:40	38.395	38.263	33.468	9/8/12 8:40	38.000	21.544	34.580	36.075	27.392	29.929	36.740
9/8/12 9:00	38.393	38.258	33.454	9/8/12 9:00	37.995	21.539	34.571	36.075	27.387	29.924	36.738
9/8/12 9:20	38.386	38.254	33.447	9/8/12 9:20	37.990	21.537	34.566	36.073	27.383	29.917	36.733
9/8/12 9:40	38.386	38.251	33.440	9/8/12 9:40	37.983	21.532	34.559	36.071	27.378	29.913	36.733
9/8/12 10:00	38.381	38.247	33.438	9/8/12 10:00	37.979	21.530	34.557	36.068	27.376	29.910	36.728
9/8/12 10:20	38.381	38.247	33.433	9/8/12 10:20	37.976	21.532	34.555	36.066	27.373	29.908	36.726
9/8/12 10:40	38.374	38.242	33.431	9/8/12 10:40	37.972	21.532	34.550	36.064	27.368	29.903	36.724
9/8/12 11:00	38.372	38.237	33.426	9/8/12 11:00	37.965	21.525	34.545	36.061	27.364	29.898	36.721
9/8/12 11:20	38.367	38.233	33.421	9/8/12 11:20	37.956	21.521	34.541	36.059	27.357	29.891	36.717
9/8/12 11:40	38.363	38.228	33.417	9/8/12 11:40	37.949	21.514	34.534	36.057	27.350	29.887	36.712
9/8/12 12:00	38.363	38.228	33.410	9/8/12 12:00	37.942	21.507	34.529	36.054	27.345	29.882	36.710
9/8/12 12:20	38.388	38.263	33.654	9/8/12 12:20	37.932	21.504	34.592	36.052	27.350	29.877	36.707
9/8/12 12:40	38.612	38.632	33.468	9/8/12 12:40	37.918	21.495	34.564	36.050	27.347	29.896	36.726
9/8/12 13:00	38.458	38.378	33.431	9/8/12 13:00	37.907	21.488	34.545	36.047	27.333	29.877	36.728
9/8/12 13:20	38.517	38.490	33.417	9/8/12 13:20	37.895	21.479	34.531	36.043	27.322	29.866	36.724
9/8/12 13:40	38.458	38.413	33.405	9/8/12 13:40	37.883	21.469	34.520	36.038	27.312	29.854	36.719
9/8/12 14:00	38.381	38.254	33.393	9/8/12 14:00	37.874	21.462	34.510	36.033	27.301	29.845	36.712
9/8/12 14:20	38.426	38.305	33.381	9/8/12 14:20	37.860	21.451	34.499	36.031	27.289	29.833	36.703
9/8/12 14:40	38.500	38.396	33.375	9/8/12 14:40	37.851	21.441	34.489	36.026	27.280	29.826	36.693
9/8/12 15:00	38.398	38.284	33.365	9/8/12 15:00	37.839	21.434	34.482	36.024	27.270	29.814	36.689
9/8/12 15:20	38.423	38.315	33.499	9/8/12 15:20	37.827	21.427	34.538	36.022	27.282	29.831	36.693
9/8/12 15:40	38.472	38.469	33.396	9/8/12 15:40	37.818	21.423	34.496	36.019	27.261	29.817	36.703
9/8/12 16:00	38.381	38.284	33.367	9/8/12 16:00	37.806	21.406	34.475	36.015	27.247	29.800	36.691
9/8/12 16:20	38.325	38.195	33.344	9/8/12 16:20	37.795	21.399	34.454	36.008	27.233	29.786	36.675
9/8/12 16:40	38.304	38.177	33.328	9/8/12 16:40	37.785	21.392	34.438	36.003	27.219	29.770	36.656
9/8/12 17:00	38.353	38.298	33.316	9/8/12 17:00	37.783	21.388	34.429	36.003	27.212	29.761	36.644
9/8/12 17:20	38.302	38.170	33.306	9/8/12 17:20	37.779	21.395	34.419	36.001	27.205	29.754	36.632
9/8/12 17:40	38.276	38.142	33.297	9/8/12 17:40	37.776	21.392	34.412	35.998	27.198	29.747	36.623
9/8/12 18:00	38.283	38.151	33.414	9/8/12 18:00	37.776	21.388	34.459	35.996	27.212	29.761	36.618
9/8/12 18:20	38.269	38.137	33.320	9/8/12 18:20	37.776	21.392	34.422	35.996	27.200	29.751	36.621
9/8/12 18:40	38.258	38.123	33.297	9/8/12 18:40	37.776	21.388	34.408	35.994	27.191	29.740	36.609
9/8/12 19:00	38.246	38.111	33.283	9/8/12 19:00	37.776	21.388	34.399	35.991	27.184	29.733	36.597
9/8/12 19:20	38.244	38.107	33.271	9/8/12 19:20	37.776	21.383	34.389	35.991	27.179	29.726	36.586
9/8/12 19:40	38.237	38.102	33.264	9/8/12 19:40	37.779	21.395	34.385	35.991	27.177	29.721	36.579

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/8/12 20:00	38.230	38.095	33.257	9/8/12 20:00	37.779	21.385	34.392	35.991	27.172	29.716	36.574
9/8/12 20:20	38.241	38.109	33.311	9/8/12 20:20	37.785	21.388	34.408	35.994	27.186	29.733	36.581
9/8/12 20:40	38.234	38.100	33.281	9/8/12 20:40	37.790	21.395	34.392	35.996	27.182	29.728	36.581
9/8/12 21:00	38.230	38.097	33.271	9/8/12 21:00	37.802	21.404	34.387	35.998	27.184	29.726	36.576
9/8/12 21:20	38.225	38.093	33.267	9/8/12 21:20	37.811	21.411	34.385	36.001	27.184	29.728	36.572
9/8/12 21:40	38.230	38.093	33.269	9/8/12 21:40	37.823	21.420	34.387	36.003	27.191	29.730	36.569
9/8/12 22:00	38.225	38.090	33.267	9/8/12 22:00	37.827	21.418	34.385	36.003	27.191	29.730	36.567
9/8/12 22:20	38.227	38.090	33.267	9/8/12 22:20	37.832	21.430	34.385	36.005	27.191	29.728	36.565
9/8/12 22:40	38.225	38.088	33.262	9/8/12 22:40	37.834	21.427	34.380	36.005	27.189	29.726	36.562
9/8/12 23:00	38.223	38.088	33.260	9/8/12 23:00	37.837	21.425	34.380	36.005	27.186	29.723	36.560
9/8/12 23:20	38.225	38.088	33.260	9/8/12 23:20	37.839	21.427	34.378	36.005	27.186	29.723	36.560
9/8/12 23:40	38.225	38.088	33.257	9/8/12 23:40	37.841	21.430	34.378	36.008	27.186	29.723	36.560
9/9/12 0:00	38.225	38.090	33.257	9/9/12 0:00	37.846	21.434	34.375	36.008	27.189	29.723	36.560
9/9/12 0:20	38.225	38.090	33.257	9/9/12 0:20	37.846	21.427	34.378	36.008	27.186	29.723	36.560
9/9/12 0:40	38.225	38.088	33.255	9/9/12 0:40	37.846	21.425	34.373	36.005	27.184	29.721	36.560
9/9/12 1:00	38.223	38.086	33.252	9/9/12 1:00	37.846	21.430	34.373	36.008	27.182	29.719	36.558
9/9/12 1:20	38.225	38.088	33.253	9/9/12 1:20	37.848	21.437	34.373	36.008	27.184	29.719	36.558
9/9/12 1:40	38.225	38.090	33.255	9/9/12 1:40	37.855	21.432	34.373	36.008	27.184	29.721	36.560
9/9/12 2:00	38.227	38.088	33.255	9/9/12 2:00	37.860	21.432	34.373	36.010	27.186	29.723	36.562
9/9/12 2:20	38.230	38.095	33.260	9/9/12 2:20	37.872	21.458	34.389	36.012	27.198	29.728	36.565
9/9/12 2:40	38.237	38.104	33.269	9/9/12 2:40	37.888	21.462	34.392	36.017	27.207	29.740	36.572
9/9/12 3:00	38.241	38.104	33.274	9/9/12 3:00	37.895	21.469	34.396	36.019	27.212	29.744	36.576
9/9/12 3:20	38.248	38.114	33.281	9/9/12 3:20	37.904	21.476	34.401	36.022	27.219	29.749	36.579
9/9/12 3:40	38.253	38.116	33.285	9/9/12 3:40	37.916	21.488	34.408	36.026	27.226	29.756	36.586
9/9/12 4:00	38.260	38.118	33.372	9/9/12 4:00	37.918	21.488	34.454	36.029	27.235	29.761	36.588
9/9/12 4:20	38.279	38.144	33.344	9/9/12 4:20	37.925	21.497	34.445	36.031	27.249	29.786	36.609
9/9/12 4:40	38.276	38.142	33.323	9/9/12 4:40	37.928	21.502	34.436	36.031	27.245	29.782	36.614
9/9/12 5:00	38.279	38.142	33.316	9/9/12 5:00	37.930	21.493	34.436	36.031	27.247	29.779	36.616
9/9/12 5:20	38.279	38.142	33.316	9/9/12 5:20	37.935	21.497	34.436	36.036	27.249	29.782	36.618
9/9/12 5:40	38.283	38.144	33.316	9/9/12 5:40	37.935	21.500	34.436	36.036	27.252	29.782	36.621
9/9/12 6:00	38.283	38.151	33.320	9/9/12 6:00	37.942	21.507	34.440	36.038	27.254	29.789	36.623
9/9/12 6:20	38.290	38.153	33.323	9/9/12 6:20	37.951	21.514	34.440	36.040	27.261	29.791	36.625
9/9/12 6:40	38.295	38.158	33.330	9/9/12 6:40	37.958	21.525	34.450	36.045	27.270	29.800	36.630
9/9/12 7:00	38.300	38.163	33.335	9/9/12 7:00	37.967	21.532	34.454	36.047	27.277	29.807	36.635

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/9/12 7:20	38.304	38.170	33.339	9/9/12 7:20	37.972	21.537	34.461	36.050	27.284	29.812	36.639
9/9/12 7:40	38.309	38.174	33.344	9/9/12 7:40	37.976	21.537	34.466	36.052	27.289	29.819	36.644
9/9/12 8:00	38.314	38.177	33.351	9/9/12 8:00	37.983	21.546	34.473	36.054	27.294	29.824	36.649
9/9/12 8:20	38.316	38.181	33.353	9/9/12 8:20	37.983	21.551	34.473	36.057	27.298	29.828	36.654
9/9/12 8:40	38.321	38.186	33.358	9/9/12 8:40	37.988	21.558	34.478	36.057	27.303	29.831	36.658
9/9/12 9:00	38.544	38.527	33.363	9/9/12 9:00	37.988	21.553	34.487	36.064	27.305	29.835	36.663
9/9/12 9:20	38.447	38.373	33.370	9/9/12 9:20	37.986	21.553	34.494	36.061	27.308	29.840	36.675
9/9/12 9:40	38.586	38.572	33.445	9/9/12 9:40	37.990	21.558	34.543	36.064	27.331	29.868	36.700
9/9/12 10:00	38.523	38.462	33.499	9/9/12 10:00	37.995	21.563	34.583	36.071	27.354	29.896	36.735
9/9/12 10:20	38.600	38.567	33.454	9/9/12 10:20	37.995	21.579	34.562	36.071	27.350	29.889	36.749
9/9/12 10:40	38.530	38.473	33.445	9/9/12 10:40	37.995	21.572	34.562	36.075	27.350	29.889	36.754
9/9/12 11:00	38.458	38.336	33.440	9/9/12 11:00	37.997	21.572	34.559	36.071	27.352	29.889	36.759
9/9/12 11:20	38.447	38.326	33.435	9/9/12 11:20	37.995	21.572	34.552	36.071	27.350	29.889	36.754
9/9/12 11:40	38.426	38.296	33.428	9/9/12 11:40	37.986	21.567	34.545	36.066	27.345	29.884	36.749
9/9/12 12:00	38.568	38.523	33.421	9/9/12 12:00	37.976	21.553	34.538	36.061	27.336	29.875	36.742
9/9/12 12:20	38.463	38.305	33.494	9/9/12 12:20	37.969	21.551	34.573	36.059	27.345	29.889	36.742
9/9/12 12:40	38.393	38.261	33.438	9/9/12 12:40	37.958	21.549	34.543	36.054	27.331	29.873	36.742
9/9/12 13:00	38.377	38.244	33.417	9/9/12 13:00	37.951	21.542	34.527	36.050	27.322	29.863	36.731
9/9/12 13:20	38.363	38.230	33.403	9/9/12 13:20	37.942	21.537	34.515	36.047	27.315	29.856	36.719
9/9/12 13:40	38.353	38.219	33.391	9/9/12 13:40	37.932	21.528	34.506	36.043	27.305	29.845	36.710
9/9/12 14:00	38.360	38.230	33.443	9/9/12 14:00	37.923	21.523	34.534	36.040	27.312	29.856	36.710
9/9/12 14:20	38.351	38.219	33.398	9/9/12 14:20	37.911	21.509	34.506	36.036	27.294	29.838	36.703
9/9/12 14:40	38.337	38.205	33.379	9/9/12 14:40	37.902	21.507	34.492	36.031	27.282	29.828	36.691
9/9/12 15:00	38.328	38.195	33.363	9/9/12 15:00	37.890	21.495	34.478	36.026	27.270	29.814	36.682
9/9/12 15:20	38.335	38.202	33.433	9/9/12 15:20	37.881	21.495	34.510	36.024	27.280	29.828	36.679
9/9/12 15:40	38.321	38.188	33.375	9/9/12 15:40	37.876	21.483	34.480	36.022	27.266	29.810	36.679
9/9/12 16:00	38.307	38.172	33.353	9/9/12 16:00	37.867	21.481	34.464	36.019	27.254	29.800	36.668
9/9/12 16:20	38.297	38.165	33.339	9/9/12 16:20	37.860	21.474	34.452	36.015	27.245	29.789	36.656
9/9/12 16:40	38.286	38.153	33.328	9/9/12 16:40	37.851	21.467	34.440	36.012	27.235	29.779	36.644
9/9/12 17:00	38.281	38.146	33.320	9/9/12 17:00	37.848	21.465	34.433	36.012	27.231	29.772	36.637
9/9/12 17:20	38.272	38.137	33.311	9/9/12 17:20	37.841	21.462	34.424	36.008	27.221	29.763	36.628
9/9/12 17:40	38.269	38.132	33.304	9/9/12 17:40	37.839	21.460	34.419	36.008	27.217	29.758	36.621
9/9/12 18:00	38.260	38.125	33.297	9/9/12 18:00	37.834	21.462	34.410	36.005	27.210	29.751	36.614
9/9/12 18:20	38.255	38.118	33.290	9/9/12 18:20	37.830	21.448	34.403	36.003	27.203	29.744	36.607

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/9/12 18:40	38.251	38.114	33.285	9/9/12 18:40	37.830	21.455	34.401	36.003	27.200	29.742	36.602
9/9/12 19:00	38.246	38.111	33.281	9/9/12 19:00	37.827	21.451	34.396	36.003	27.198	29.737	36.595
9/9/12 19:20	38.279	38.144	33.600	9/9/12 19:20	37.832	21.453	34.506	36.003	27.233	29.765	36.597
9/9/12 19:40	38.272	38.137	33.353	9/9/12 19:40	37.830	21.455	34.443	36.003	27.217	29.768	36.621
9/9/12 20:00	38.258	38.123	33.316	9/9/12 20:00	37.827	21.451	34.422	36.001	27.205	29.754	36.614
9/9/12 20:20	38.255	38.121	33.302	9/9/12 20:20	37.832	21.458	34.412	36.003	27.203	29.747	36.607
9/9/12 20:40	38.253	38.118	33.295	9/9/12 20:40	37.844	21.467	34.410	36.005	27.210	29.749	36.602
9/9/12 21:00	38.251	38.116	33.290	9/9/12 21:00	37.848	21.469	34.408	36.008	27.207	29.747	36.600
9/9/12 21:20	38.251	38.114	33.288	9/9/12 21:20	37.851	21.469	34.406	36.008	27.207	29.747	36.595
9/9/12 21:40	38.251	38.114	33.285	9/9/12 21:40	37.855	21.483	34.403	36.010	27.210	29.747	36.593
9/9/12 22:00	38.248	38.111	33.283	9/9/12 22:00	37.858	21.479	34.403	36.008	27.210	29.744	36.590
9/9/12 22:20	38.269	38.137	33.403	9/9/12 22:20	37.860	21.483	34.454	36.010	27.231	29.768	36.597
9/9/12 22:40	38.260	38.125	33.318	9/9/12 22:40	37.860	21.479	34.426	36.010	27.219	29.761	36.607
9/9/12 23:00	38.253	38.118	33.300	9/9/12 23:00	37.858	21.474	34.412	36.008	27.210	29.751	36.602
9/9/12 23:20	38.251	38.114	33.290	9/9/12 23:20	37.860	21.469	34.408	36.008	27.207	29.747	36.597
9/9/12 23:40	38.248	38.114	33.285	9/9/12 23:40	37.860	21.469	34.403	36.007	27.207	29.744	36.593
9/10/12 0:00	38.246	38.111	33.281	9/10/12 0:00	37.858	21.472	34.396	36.008	27.200	29.740	36.588
9/10/12 0:20	38.239	38.104	33.274	9/10/12 0:20	37.853	21.462	34.389	36.005	27.196	29.733	36.583
9/10/12 0:40	38.239	38.102	33.269	9/10/12 0:40	37.848	21.460	34.385	36.003	27.189	29.728	36.581
9/10/12 1:00	38.232	38.097	33.264	9/10/12 1:00	37.846	21.458	34.380	36.003	27.184	29.723	36.576
9/10/12 1:20	38.230	38.095	33.260	9/10/12 1:20	37.844	21.451	34.375	36.003	27.179	29.719	36.572
9/10/12 1:40	38.227	38.090	33.255	9/10/12 1:40	37.841	21.451	34.373	36.001	27.177	29.714	36.569
9/10/12 2:00	38.225	38.088	33.253	9/10/12 2:00	37.841	21.455	34.368	36.001	27.175	29.711	36.567
9/10/12 2:20	38.237	38.100	33.468	9/10/12 2:20	37.841	21.451	34.431	36.003	27.189	29.719	36.565
9/10/12 2:40	38.237	38.102	33.292	9/10/12 2:40	37.841	21.451	34.394	36.001	27.182	29.726	36.579
9/10/12 3:00	38.230	38.093	33.269	9/10/12 3:00	37.834	21.441	34.378	35.998	27.172	29.716	36.574
9/10/12 3:20	38.225	38.088	33.257	9/10/12 3:20	37.837	21.446	34.373	35.998	27.170	29.709	36.569
9/10/12 3:40	38.225	38.090	33.255	9/10/12 3:40	37.846	21.455	34.375	36.001	27.172	29.711	36.569
9/10/12 4:00	38.223	38.086	33.253	9/10/12 4:00	37.844	21.451	34.364	36.001	27.170	29.709	36.565
9/10/12 4:20	38.218	38.083	33.245	9/10/12 4:20	37.841	21.451	34.359	35.998	27.163	29.702	36.560
9/10/12 4:40	38.218	38.081	33.243	9/10/12 4:40	37.841	21.446	34.357	36.001	27.163	29.702	36.558
9/10/12 5:00	38.218	38.081	33.243	9/10/12 5:00	37.844	21.451	34.359	35.998	27.163	29.700	36.558
9/10/12 5:20	38.216	38.078	33.243	9/10/12 5:20	37.848	21.455	34.359	36.001	27.165	29.702	36.558
9/10/12 5:40	38.218	38.081	33.241	9/10/12 5:40	37.851	21.455	34.359	35.998	27.165	29.700	36.558

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/10/12 6:00	38.218	38.083	33.241	9/10/12 6:00	37.855	21.458	34.359	36.001	27.165	29.704	36.558
9/10/12 6:20	38.218	38.083	33.241	9/10/12 6:20	37.851	21.455	34.357	36.001	27.163	29.697	36.555
9/10/12 6:40	38.223	38.088	33.241	9/10/12 6:40	37.853	21.455	34.359	36.003	27.165	29.700	36.558
9/10/12 7:00	38.232	38.093	33.243	9/10/12 7:00	37.860	21.462	34.359	36.003	27.167	29.702	36.558
9/10/12 7:20	38.230	38.093	33.246	9/10/12 7:20	37.865	21.462	34.366	36.005	27.170	29.707	36.562
9/10/12 7:40	38.255	38.123	33.320	9/10/12 7:40	37.865	21.462	34.408	36.003	27.189	29.733	36.581
9/10/12 8:00	38.244	38.109	33.281	9/10/12 8:00	37.865	21.462	34.387	36.003	27.179	29.723	36.586
9/10/12 8:20	38.244	38.111	33.269	9/10/12 8:20	37.869	21.469	34.382	36.005	27.179	29.719	36.583
9/10/12 8:40	38.258	38.123	33.396	9/10/12 8:40	37.869	21.460	34.426	36.005	27.196	29.733	36.583
9/10/12 9:00	38.251	38.116	33.295	9/10/12 9:00	37.867	21.460	34.399	36.005	27.184	29.728	36.590
9/10/12 9:20	38.281	38.128	33.499	9/10/12 9:20	37.862	21.455	34.443	36.003	27.191	29.723	36.588
9/10/12 9:40	38.377	38.357	33.309	9/10/12 9:40	37.858	21.451	34.410	36.008	27.184	29.730	36.597
9/10/12 10:00	38.372	38.322	33.283	9/10/12 10:00	37.855	21.453	34.396	36.008	27.175	29.721	36.602
9/10/12 10:20	38.309	38.212	33.276	9/10/12 10:20	37.858	21.458	34.389	36.005	27.175	29.719	36.604
9/10/12 10:40	38.295	38.174	33.267	9/10/12 10:40	37.853	21.446	34.385	36.003	27.170	29.714	36.600
9/10/12 11:00	38.304	38.193	33.264	9/10/12 11:00	37.851	21.446	34.382	36.003	27.165	29.711	36.595
9/10/12 11:20	38.265	38.132	33.260	9/10/12 11:20	37.846	21.437	34.371	35.998	27.158	29.702	36.590
9/10/12 11:40	38.381	38.289	33.248	9/10/12 11:40	37.834	21.427	34.361	35.996	27.147	29.693	36.583
9/10/12 12:00	38.316	38.237	33.238	9/10/12 12:00	37.825	21.423	34.350	35.991	27.137	29.683	36.576
9/10/12 12:20	38.475	38.459	33.229	9/10/12 12:20	37.816	21.413	34.347	35.991	27.128	29.674	36.569
9/10/12 12:40	38.475	38.502	33.227	9/10/12 12:40	37.809	21.402	34.345	35.994	27.123	29.669	36.572
9/10/12 13:00	38.479	38.478	33.229	9/10/12 13:00	37.804	21.397	34.350	35.994	27.118	29.665	36.579
9/10/12 13:20	38.586	38.632	33.229	9/10/12 13:20	37.797	21.395	34.350	35.994	27.114	29.665	36.586
9/10/12 13:40	38.437	38.394	33.227	9/10/12 13:40	37.790	21.385	34.345	35.989	27.107	29.660	36.588
9/10/12 14:00	38.428	38.427	33.220	9/10/12 14:00	37.779	21.376	34.338	35.987	27.100	29.653	36.583
9/10/12 14:20	38.593	38.621	33.313	9/10/12 14:20	37.774	21.374	34.385	35.982	27.114	29.672	36.588
9/10/12 14:40	38.442	38.450	33.248	9/10/12 14:40	37.765	21.357	34.352	35.982	27.093	29.655	36.597
9/10/12 15:00	38.451	38.399	33.224	9/10/12 15:00	37.755	21.346	34.343	35.979	27.083	29.644	36.590
9/10/12 15:20	38.475	38.523	33.217	9/10/12 15:20	37.751	21.343	34.333	35.979	27.074	29.634	36.588
9/10/12 15:40	38.540	38.572	33.210	9/10/12 15:40	37.744	21.341	34.331	35.977	27.069	29.632	36.586
9/10/12 16:00	38.496	38.497	33.208	9/10/12 16:00	37.744	21.341	34.350	35.977	27.069	29.627	36.586
9/10/12 16:20	38.596	38.604	33.260	9/10/12 16:20	37.739	21.332	34.359	35.977	27.079	29.646	36.604
9/10/12 16:40	38.468	38.431	33.229	9/10/12 16:40	37.737	21.329	34.340	35.972	27.065	29.634	36.602
9/10/12 17:00	38.575	38.593	33.213	9/10/12 17:00	37.734	21.329	34.331	35.972	27.060	29.625	36.590

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/10/12 17:20	38.558	38.600	33.203	9/10/12 17:20	37.732	21.322	34.322	35.972	27.053	29.620	36.586
9/10/12 17:40	38.381	38.315	33.194	9/10/12 17:40	37.730	21.325	34.315	35.968	27.048	29.611	36.579
9/10/12 18:00	38.440	38.490	33.189	9/10/12 18:00	37.734	21.322	34.310	35.968	27.046	29.609	36.569
9/10/12 18:20	38.330	38.230	33.184	9/10/12 18:20	37.732	21.325	34.305	35.970	27.041	29.604	36.562
9/10/12 18:40	38.428	38.361	33.180	9/10/12 18:40	37.732	21.329	34.296	35.965	27.039	29.599	36.558
9/10/12 19:00	38.248	38.144	33.168	9/10/12 19:00	37.734	21.325	34.282	35.961	27.032	29.595	36.541
9/10/12 19:20	38.290	38.174	33.227	9/10/12 19:20	37.732	21.320	34.315	35.961	27.041	29.609	36.537
9/10/12 19:40	38.206	38.074	33.182	9/10/12 19:40	37.739	21.327	34.291	35.958	27.034	29.595	36.532
9/10/12 20:00	38.178	38.046	33.161	9/10/12 20:00	37.744	21.325	34.273	35.958	27.030	29.588	36.516
9/10/12 20:20	38.167	38.032	33.152	9/10/12 20:20	37.751	21.332	34.266	35.958	27.027	29.583	36.502
9/10/12 20:40	38.157	38.022	33.142	9/10/12 20:40	37.755	21.332	34.280	35.958	27.027	29.578	36.490
9/10/12 21:00	38.169	38.036	33.189	9/10/12 21:00	37.765	21.339	34.289	35.961	27.041	29.602	36.494
9/10/12 21:20	38.164	38.027	33.161	9/10/12 21:20	37.772	21.336	34.273	35.963	27.039	29.592	36.490
9/10/12 21:40	38.155	38.022	33.149	9/10/12 21:40	37.781	21.348	34.266	35.965	27.039	29.590	36.483
9/10/12 22:00	38.151	38.015	33.142	9/10/12 22:00	37.783	21.346	34.259	35.965	27.037	29.585	36.473
9/10/12 22:20	38.162	38.036	33.135	9/10/12 22:20	37.788	21.348	34.254	35.965	27.032	29.581	36.469
9/10/12 22:40	38.199	38.053	33.138	9/10/12 22:40	37.797	21.357	34.256	35.970	27.039	29.583	36.469
9/10/12 23:00	38.197	38.121	33.135	9/10/12 23:00	37.802	21.355	34.259	35.972	27.037	29.585	36.471
9/10/12 23:20	38.158	38.025	33.133	9/10/12 23:20	37.802	21.353	34.252	35.970	27.034	29.583	36.469
9/10/12 23:40	38.146	38.011	33.131	9/10/12 23:40	37.804	21.350	34.249	35.970	27.034	29.581	36.464
9/11/12 0:00	38.167	38.041	33.128	9/11/12 0:00	37.809	21.355	34.249	35.972	27.034	29.578	36.462
9/11/12 0:20	38.151	38.018	33.126	9/11/12 0:20	37.811	21.355	34.245	35.970	27.032	29.578	36.462
9/11/12 0:40	38.160	38.013	33.222	9/11/12 0:40	37.813	21.355	34.289	35.970	27.037	29.578	36.459
9/11/12 1:00	38.153	38.020	33.175	9/11/12 1:00	37.816	21.360	34.273	35.972	27.044	29.595	36.471
9/11/12 1:20	38.146	38.011	33.147	9/11/12 1:20	37.816	21.353	34.259	35.972	27.037	29.583	36.469
9/11/12 1:40	38.137	38.001	33.133	9/11/12 1:40	37.816	21.353	34.247	35.968	27.030	29.578	36.462
9/11/12 2:00	38.134	37.997	33.126	9/11/12 2:00	37.816	21.350	34.242	35.968	27.027	29.574	36.457
9/11/12 2:20	38.127	37.992	33.117	9/11/12 2:20	37.813	21.343	34.235	35.965	27.020	29.569	36.450
9/11/12 2:40	38.150	38.043	33.110	9/11/12 2:40	37.809	21.336	34.228	35.963	27.013	29.562	36.445
9/11/12 3:00	38.120	37.987	33.107	9/11/12 3:00	37.809	21.343	34.226	35.963	27.013	29.560	36.443
9/11/12 3:20	38.118	37.983	33.105	9/11/12 3:20	37.809	21.343	34.224	35.963	27.011	29.555	36.441
9/11/12 3:40	38.113	37.978	33.102	9/11/12 3:40	37.809	21.334	34.219	35.961	27.006	29.553	36.434
9/11/12 4:00	38.113	37.978	33.100	9/11/12 4:00	37.811	21.336	34.217	35.961	27.009	29.553	36.434
9/11/12 4:20	38.113	37.976	33.100	9/11/12 4:20	37.816	21.346	34.214	35.963	27.006	29.553	36.434

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/11/12 4:40	38.129	37.992	33.304	9/11/12 4:40	37.816	21.348	34.282	35.963	27.030	29.567	36.434
9/11/12 5:00	38.127	37.994	33.145	9/11/12 5:00	37.816	21.339	34.245	35.963	27.018	29.569	36.450
9/11/12 5:20	38.125	37.990	33.124	9/11/12 5:20	37.816	21.343	34.233	35.963	27.016	29.560	36.448
9/11/12 5:40	38.123	37.987	33.116	9/11/12 5:40	37.823	21.346	34.228	35.965	27.013	29.560	36.445
9/11/12 6:00	38.118	37.983	33.109	9/11/12 6:00	37.818	21.348	34.224	35.963	27.009	29.555	36.441
9/11/12 6:20	38.120	37.987	33.102	9/11/12 6:20	37.818	21.339	34.219	35.961	27.006	29.550	36.438
9/11/12 6:40	38.125	37.990	33.100	9/11/12 6:40	37.818	21.339	34.219	35.961	27.006	29.548	36.438
9/11/12 7:00	38.132	37.992	33.100	9/11/12 7:00	37.823	21.346	34.221	35.965	27.009	29.550	36.438
9/11/12 7:20	38.129	37.992	33.102	9/11/12 7:20	37.830	21.353	34.235	35.970	27.013	29.555	36.441
9/11/12 7:40	38.153	38.018	33.173	9/11/12 7:40	37.832	21.350	34.263	35.970	27.030	29.581	36.462
9/11/12 8:00	38.143	38.008	33.138	9/11/12 8:00	37.832	21.350	34.245	35.972	27.023	29.574	36.462
9/11/12 8:20	38.141	38.011	33.126	9/11/12 8:20	37.832	21.348	34.238	35.970	27.018	29.567	36.459
9/11/12 8:40	38.209	38.069	33.117	9/11/12 8:40	37.830	21.341	34.231	35.968	27.011	29.560	36.452
9/11/12 9:00	38.356	38.305	33.107	9/11/12 9:00	37.823	21.339	34.231	35.968	27.006	29.553	36.450
9/11/12 9:20	38.381	38.317	33.112	9/11/12 9:20	37.827	21.339	34.238	35.972	27.009	29.555	36.459
9/11/12 9:40	38.386	38.354	33.116	9/11/12 9:40	37.820	21.336	34.242	35.975	27.009	29.557	36.471
9/11/12 10:00	38.332	38.282	33.121	9/11/12 10:00	37.820	21.336	34.249	35.977	27.013	29.562	36.485
9/11/12 10:20	38.549	38.558	33.135	9/11/12 10:20	37.827	21.339	34.261	35.984	27.018	29.571	36.504
9/11/12 10:40	38.577	38.637	33.142	9/11/12 10:40	37.825	21.336	34.266	35.987	27.020	29.574	36.516
9/11/12 11:00	38.593	38.604	33.363	9/11/12 11:00	37.825	21.341	34.329	35.987	27.032	29.578	36.527
9/11/12 11:20	38.745	38.840	33.201	9/11/12 11:20	37.820	21.327	34.315	35.989	27.032	29.597	36.560
9/11/12 11:40	38.731	38.829	33.187	9/11/12 11:40	37.816	21.329	34.312	35.987	27.030	29.595	36.576
9/11/12 12:00	38.673	38.740	33.187	9/11/12 12:00	37.811	21.325	34.310	35.987	27.030	29.595	36.588
9/11/12 12:20	38.668	38.681	33.189	9/11/12 12:20	37.813	21.322	34.312	35.987	27.032	29.597	36.595
9/11/12 12:40	38.712	38.749	33.189	9/11/12 12:40	37.809	21.318	34.315	35.984	27.030	29.597	36.597
9/11/12 13:00	38.747	38.805	33.189	9/11/12 13:00	37.809	21.322	34.317	35.989	27.030	29.597	36.600
9/11/12 13:20	38.670	38.670	33.196	9/11/12 13:20	37.804	21.318	34.319	35.987	27.027	29.597	36.611
9/11/12 13:40	38.754	38.822	33.217	9/11/12 13:40	37.802	21.313	34.359	35.984	27.032	29.597	36.611
9/11/12 14:00	38.829	38.955	33.255	9/11/12 14:00	37.795	21.309	34.359	35.984	27.039	29.620	36.630
9/11/12 14:20	38.608	38.644	33.227	9/11/12 14:20	37.790	21.302	34.345	35.982	27.034	29.609	36.637
9/11/12 14:40	38.838	38.948	33.213	9/11/12 14:40	37.785	21.299	34.350	35.977	27.027	29.604	36.630
9/11/12 15:00	38.822	38.908	33.271	9/11/12 15:00	37.779	21.295	34.373	35.975	27.039	29.625	36.647
9/11/12 15:20	38.813	38.934	33.234	9/11/12 15:20	37.772	21.290	34.352	35.975	27.030	29.611	36.651
9/11/12 15:40	38.822	38.913	33.224	9/11/12 15:40	37.772	21.285	34.343	35.970	27.023	29.604	36.647

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/11/12 16:00	38.759	38.817	33.210	9/11/12 16:00	37.762	21.276	34.333	35.965	27.016	29.597	36.642
9/11/12 16:20	38.757	38.826	33.206	9/11/12 16:20	37.760	21.274	34.336	35.965	27.016	29.592	36.635
9/11/12 16:40	38.829	38.911	33.274	9/11/12 16:40	37.762	21.274	34.375	35.968	27.030	29.618	36.649
9/11/12 17:00	38.932	39.074	33.236	9/11/12 17:00	37.760	21.271	34.359	35.970	27.020	29.606	36.651
9/11/12 17:20	38.880	38.988	33.227	9/11/12 17:20	37.758	21.264	34.352	35.968	27.020	29.604	36.654
9/11/12 17:40	38.892	38.999	33.220	9/11/12 17:40	37.758	21.269	34.345	35.968	27.016	29.604	36.651
9/11/12 18:00	38.911	39.023	33.215	9/11/12 18:00	37.758	21.269	34.347	35.968	27.018	29.599	36.654
9/11/12 18:20	38.904	39.044	33.220	9/11/12 18:20	37.765	21.274	34.352	35.977	27.020	29.604	36.656
9/11/12 18:40	38.929	39.074	33.328	9/11/12 18:40	37.769	21.276	34.406	35.982	27.041	29.630	36.665
9/11/12 19:00	38.635	38.637	33.262	9/11/12 19:00	37.774	21.288	34.380	35.984	27.039	29.630	36.679
9/11/12 19:20	38.724	38.705	33.243	9/11/12 19:20	37.779	21.285	34.364	35.979	27.037	29.623	36.668
9/11/12 19:40	38.447	38.347	33.229	9/11/12 19:40	37.779	21.285	34.350	35.977	27.032	29.613	36.654
9/11/12 20:00	38.386	38.272	33.276	9/11/12 20:00	37.785	21.285	34.382	35.975	27.034	29.609	36.630
9/11/12 20:20	38.377	38.289	33.262	9/11/12 20:20	37.793	21.299	34.359	35.979	27.046	29.627	36.623
9/11/12 20:40	38.309	38.181	33.224	9/11/12 20:40	37.806	21.306	34.340	35.989	27.044	29.620	36.604
9/11/12 21:00	38.267	38.139	33.203	9/11/12 21:00	37.818	21.316	34.324	35.994	27.044	29.616	36.581
9/11/12 21:20	38.241	38.111	33.194	9/11/12 21:20	37.832	21.329	34.315	36.001	27.048	29.616	36.560
9/11/12 21:40	38.225	38.093	33.182	9/11/12 21:40	37.839	21.332	34.305	36.005	27.048	29.613	36.541
9/11/12 22:00	38.213	38.081	33.175	9/11/12 22:00	37.846	21.336	34.298	36.008	27.048	29.609	36.527
9/11/12 22:20	38.206	38.074	33.168	9/11/12 22:20	37.851	21.339	34.291	36.010	27.046	29.606	36.516
9/11/12 22:40	38.202	38.069	33.161	9/11/12 22:40	37.853	21.343	34.284	36.012	27.046	29.604	36.506
9/11/12 23:00	38.185	38.053	33.156	9/11/12 23:00	37.855	21.341	34.277	36.012	27.044	29.599	36.499
9/11/12 23:20	38.225	38.114	33.152	9/11/12 23:20	37.860	21.343	34.277	36.017	27.044	29.597	36.490
9/11/12 23:40	38.435	38.396	33.147	9/11/12 23:40	37.860	21.343	34.277	36.022	27.041	29.595	36.487
9/12/12 0:00	38.500	38.462	33.283	9/12/12 0:00	37.860	21.348	34.338	36.024	27.062	29.616	36.504
9/12/12 0:20	38.461	38.466	33.199	9/12/12 0:20	37.860	21.339	34.312	36.024	27.055	29.618	36.527
9/12/12 0:40	38.580	38.581	33.185	9/12/12 0:40	37.858	21.339	34.308	36.024	27.051	29.611	36.532
9/12/12 1:00	38.544	38.614	33.178	9/12/12 1:00	37.853	21.332	34.308	36.019	27.044	29.609	36.537
9/12/12 1:20	38.551	38.553	33.177	9/12/12 1:20	37.846	21.332	34.308	36.019	27.044	29.604	36.546
9/12/12 1:40	38.684	38.754	33.182	9/12/12 1:40	37.848	21.327	34.317	36.024	27.048	29.609	36.555
9/12/12 2:00	38.733	38.815	33.257	9/12/12 2:00	37.846	21.329	34.359	36.024	27.067	29.637	36.583
9/12/12 2:20	38.724	38.777	33.227	9/12/12 2:20	37.841	21.325	34.350	36.022	27.060	29.630	36.595
9/12/12 2:40	38.785	38.882	33.220	9/12/12 2:40	37.841	21.327	34.350	36.026	27.060	29.627	36.604
9/12/12 3:00	38.607	38.597	33.222	9/12/12 3:00	37.841	21.322	34.347	36.024	27.060	29.632	36.614

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/12/12 3:20	38.577	38.520	33.217	9/12/12 3:20	37.837	21.318	34.340	36.017	27.055	29.627	36.614
9/12/12 3:40	38.512	38.473	33.208	9/12/12 3:40	37.827	21.313	34.331	36.008	27.046	29.618	36.602
9/12/12 4:00	38.423	38.322	33.201	9/12/12 4:00	37.825	21.309	34.322	36.008	27.041	29.613	36.590
9/12/12 4:20	38.542	38.532	33.194	9/12/12 4:20	37.825	21.309	34.317	36.008	27.039	29.609	36.583
9/12/12 4:40	38.516	38.441	33.189	9/12/12 4:40	37.827	21.309	34.312	36.005	27.037	29.609	36.576
9/12/12 5:00	38.416	38.331	33.184	9/12/12 5:00	37.832	21.316	34.308	36.008	27.041	29.606	36.567
9/12/12 5:20	38.339	38.223	33.182	9/12/12 5:20	37.839	21.327	34.303	36.010	27.044	29.606	36.558
9/12/12 5:40	38.241	38.109	33.175	9/12/12 5:40	37.844	21.329	34.294	36.010	27.044	29.604	36.541
9/12/12 6:00	38.227	38.095	33.170	9/12/12 6:00	37.853	21.336	34.296	36.015	27.048	29.606	36.530
9/12/12 6:20	38.220	38.088	33.168	9/12/12 6:20	37.867	21.355	34.296	36.024	27.060	29.609	36.520
9/12/12 6:40	38.220	38.086	33.177	9/12/12 6:40	37.893	21.378	34.308	36.043	27.079	29.625	36.520
9/12/12 7:00	38.260	38.179	33.175	9/12/12 7:00	37.886	21.374	34.301	36.038	27.072	29.625	36.513
9/12/12 7:20	38.216	38.083	33.184	9/12/12 7:20	37.914	21.392	34.308	36.057	27.086	29.639	36.516
9/12/12 7:40	38.211	38.076	33.187	9/12/12 7:40	37.918	21.395	34.308	36.057	27.090	29.639	36.516
9/12/12 8:00	38.230	38.095	33.400	9/12/12 8:00	37.942	21.418	34.378	36.078	27.125	29.662	36.523
9/12/12 8:20	38.230	38.097	33.238	9/12/12 8:20	37.942	21.413	34.347	36.075	27.121	29.669	36.534
9/12/12 8:40	38.218	38.086	33.217	9/12/12 8:40	37.937	21.413	34.333	36.071	27.114	29.662	36.534
9/12/12 9:00	38.216	38.083	33.210	9/12/12 9:00	37.932	21.413	34.329	36.068	27.109	29.658	36.530
9/12/12 9:20	38.213	38.081	33.206	9/12/12 9:20	37.937	21.416	34.326	36.068	27.111	29.655	36.530
9/12/12 9:40	38.216	38.081	33.206	9/12/12 9:40	37.939	21.416	34.324	36.073	27.116	29.660	36.530
9/12/12 10:00	38.230	38.118	33.206	9/12/12 10:00	37.942	21.425	34.329	36.073	27.118	29.662	36.530
9/12/12 10:20	38.225	38.093	33.206	9/12/12 10:20	37.946	21.425	34.329	36.075	27.123	29.662	36.530
9/12/12 10:40	38.220	38.086	33.206	9/12/12 10:40	37.944	21.427	34.326	36.075	27.121	29.662	36.530
9/12/12 11:00	38.220	38.083	33.208	9/12/12 11:00	37.946	21.425	34.324	36.075	27.121	29.662	36.532
9/12/12 11:20	38.220	38.086	33.208	9/12/12 11:20	37.946	21.427	34.326	36.075	27.123	29.665	36.532
9/12/12 11:40	38.218	38.083	33.208	9/12/12 11:40	37.944	21.432	34.326	36.073	27.123	29.665	36.532
9/12/12 12:00	38.218	38.083	33.208	9/12/12 12:00	37.944	21.434	34.326	36.073	27.123	29.665	36.532
9/12/12 12:20	38.211	38.076	33.201	9/12/12 12:20	37.932	21.430	34.322	36.064	27.116	29.658	36.527
9/12/12 12:40	38.209	38.074	33.199	9/12/12 12:40	37.930	21.425	34.319	36.059	27.114	29.655	36.525
9/12/12 13:00	38.227	38.090	33.414	9/12/12 13:00	37.930	21.432	34.385	36.061	27.135	29.669	36.525
9/12/12 13:20	38.253	38.153	33.248	9/12/12 13:20	37.935	21.434	34.354	36.066	27.135	29.679	36.541
9/12/12 13:40	38.223	38.090	33.227	9/12/12 13:40	37.932	21.430	34.340	36.061	27.128	29.672	36.541
9/12/12 14:00	38.213	38.081	33.215	9/12/12 14:00	37.925	21.425	34.331	36.057	27.121	29.665	36.534
9/12/12 14:20	38.218	38.081	33.494	9/12/12 14:20	37.923	21.420	34.399	36.054	27.132	29.662	36.530

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/12/12 14:40	38.255	38.125	33.271	9/12/12 14:40	37.914	21.420	34.364	36.052	27.130	29.683	36.546
9/12/12 15:00	38.232	38.100	33.234	9/12/12 15:00	37.911	21.420	34.343	36.045	27.123	29.669	36.548
9/12/12 15:20	38.258	38.163	33.220	9/12/12 15:20	37.909	21.416	34.333	36.045	27.116	29.662	36.539
9/12/12 15:40	38.332	38.174	33.278	9/12/12 15:40	37.907	21.418	34.366	36.043	27.130	29.681	36.548
9/12/12 16:00	38.251	38.116	33.518	9/12/12 16:00	37.902	21.416	34.447	36.040	27.147	29.681	36.551
9/12/12 16:20	38.335	38.205	33.717	9/12/12 16:20	37.904	21.413	34.599	36.040	27.210	29.770	36.604
9/12/12 16:40	38.964	39.128	33.886	9/12/12 16:40	37.904	21.416	34.720	36.061	27.254	29.835	36.684
9/12/12 17:00	39.095	39.256	34.153	9/12/12 17:00	37.904	21.423	34.822	36.073	27.308	29.901	36.787
9/12/12 17:20	39.183	39.362	34.202	9/12/12 17:20	37.907	21.427	34.883	36.080	27.345	29.948	36.883
9/12/12 17:40	39.253	39.422	34.207	9/12/12 17:40	37.914	21.437	34.944	36.089	27.380	29.994	36.962
9/12/12 18:00	39.295	39.439	34.202	9/12/12 18:00	37.923	21.446	35.011	36.101	27.415	30.039	37.025
9/12/12 18:20	39.314	39.476	34.247	9/12/12 18:20	37.939	21.465	35.069	36.113	27.450	30.083	37.086
9/12/12 18:40	39.176	39.299	34.362	9/12/12 18:40	37.956	21.483	35.114	36.124	27.490	30.125	37.131
9/12/12 19:00	39.347	39.490	34.493	9/12/12 19:00	37.993	21.516	35.170	36.157	27.546	30.174	37.170
9/12/12 19:20	39.384	39.525	34.552	9/12/12 19:20	37.997	21.523	35.235	36.166	27.581	30.228	37.217
9/12/12 19:40	39.503	39.621	34.606	9/12/12 19:40	38.030	21.546	35.265	36.194	27.621	30.266	37.259
9/12/12 20:00	39.494	39.588	34.545	9/12/12 20:00	38.035	21.558	35.281	36.199	27.649	30.301	37.294
9/12/12 20:20	39.498	39.642	34.066	9/12/12 20:20	38.049	21.565	35.111	36.211	27.607	30.254	37.294
9/12/12 20:40	39.442	39.593	33.940	9/12/12 20:40	38.058	21.579	35.034	36.220	27.586	30.212	37.250
9/12/12 21:00	39.433	39.567	33.876	9/12/12 21:00	38.058	21.577	34.990	36.220	27.574	30.188	37.215
9/12/12 21:20	39.461	39.616	33.839	9/12/12 21:20	38.072	21.602	34.972	36.236	27.574	30.184	37.187
9/12/12 21:40	39.449	39.628	33.822	9/12/12 21:40	38.077	21.600	34.953	36.241	27.572	30.179	37.168
9/12/12 22:00	39.442	39.605	33.799	9/12/12 22:00	38.074	21.602	34.939	36.239	27.567	30.170	37.159
9/12/12 22:20	39.440	39.591	33.790	9/12/12 22:20	38.079	21.611	34.934	36.246	27.574	30.165	37.152
9/12/12 22:40	39.431	39.595	33.787	9/12/12 22:40	38.091	21.618	34.934	36.255	27.579	30.170	37.149
9/12/12 23:00	39.391	39.523	33.785	9/12/12 23:00	38.095	21.632	34.932	36.257	27.588	30.174	37.147
9/12/12 23:20	39.335	39.471	33.783	9/12/12 23:20	38.098	21.637	34.925	36.262	27.590	30.179	37.142
9/12/12 23:40	39.277	39.371	33.778	9/12/12 23:40	38.105	21.649	34.925	36.264	27.600	30.179	37.135
9/13/12 0:00	39.286	39.420	33.776	9/13/12 0:00	38.109	21.653	34.913	36.264	27.597	30.184	37.126
9/13/12 0:20	39.298	39.413	33.769	9/13/12 0:20	38.105	21.649	34.913	36.262	27.597	30.177	37.117
9/13/12 0:40	39.225	39.315	33.762	9/13/12 0:40	38.105	21.653	34.904	36.257	27.600	30.174	37.110
9/13/12 1:00	39.246	39.343	33.754	9/13/12 1:00	38.093	21.653	34.892	36.248	27.593	30.172	37.098
9/13/12 1:20	39.214	39.322	33.745	9/13/12 1:20	38.084	21.642	34.881	36.229	27.583	30.165	37.084
9/13/12 1:40	39.165	39.226	33.740	9/13/12 1:40	38.091	21.656	34.888	36.204	27.595	30.163	37.079

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/13/12 2:00	39.153	39.231	33.740	9/13/12 2:00	38.095	21.658	34.883	36.206	27.597	30.167	37.074
9/13/12 2:20	39.195	39.284	33.738	9/13/12 2:20	38.093	21.667	34.883	36.206	27.597	30.170	37.067
9/13/12 2:40	39.251	39.336	33.740	9/13/12 2:40	38.095	21.674	34.878	36.208	27.600	30.172	37.067
9/13/12 3:00	39.221	39.294	33.738	9/13/12 3:00	38.091	21.670	34.881	36.199	27.600	30.170	37.065
9/13/12 3:20	39.235	39.336	33.738	9/13/12 3:20	38.088	21.677	34.878	36.199	27.602	30.170	37.063
9/13/12 3:40	39.321	39.429	33.820	9/13/12 3:40	38.081	21.674	34.925	36.194	27.621	30.198	37.079
9/13/12 4:00	39.375	39.518	33.773	9/13/12 4:00	38.074	21.667	34.911	36.197	27.614	30.181	37.089
9/13/12 4:20	39.302	39.413	33.773	9/13/12 4:20	38.086	21.684	34.911	36.201	27.621	30.195	37.100
9/13/12 4:40	39.233	39.296	33.769	9/13/12 4:40	38.084	21.686	34.909	36.197	27.626	30.193	37.100
9/13/12 5:00	39.202	39.303	33.766	9/13/12 5:00	38.077	21.691	34.902	36.197	27.623	30.193	37.100
9/13/12 5:20	39.253	39.341	33.764	9/13/12 5:20	38.081	21.691	34.904	36.194	27.626	30.195	37.098
9/13/12 5:40	39.279	39.406	33.766	9/13/12 5:40	38.077	21.695	34.906	36.199	27.628	30.198	37.098
9/13/12 6:00	39.216	39.296	33.766	9/13/12 6:00	38.074	21.698	34.906	36.192	27.628	30.200	37.100
9/13/12 6:20	39.211	39.287	33.768	9/13/12 6:20	38.077	21.695	34.906	36.190	27.633	30.200	37.103
9/13/12 6:40	39.242	39.320	33.771	9/13/12 6:40	38.077	21.700	34.913	36.190	27.640	30.202	37.103
9/13/12 7:00	39.125	39.135	33.778	9/13/12 7:00	38.079	21.709	34.913	36.183	27.644	30.209	37.107
9/13/12 7:20	39.092	39.090	33.778	9/13/12 7:20	38.086	21.719	34.913	36.199	27.651	30.214	37.103
9/13/12 7:40	39.025	39.023	33.778	9/13/12 7:40	38.091	21.730	34.911	36.201	27.656	30.219	37.096
9/13/12 8:00	39.016	38.990	33.778	9/13/12 8:00	38.100	21.744	34.911	36.206	27.663	30.223	37.091
9/13/12 8:20	38.838	38.791	33.776	9/13/12 8:20	38.098	21.747	34.904	36.201	27.663	30.223	37.079
9/13/12 8:40	39.092	39.126	33.766	9/13/12 8:40	38.086	21.735	34.899	36.197	27.656	30.216	37.067
9/13/12 9:00	39.176	39.254	33.764	9/13/12 9:00	38.074	21.721	34.897	36.199	27.649	30.209	37.067
9/13/12 9:20	39.195	39.270	33.766	9/13/12 9:20	38.074	21.733	34.904	36.199	27.654	30.212	37.074
9/13/12 9:40	39.023	39.011	33.773	9/13/12 9:40	38.077	21.742	34.911	36.201	27.663	30.219	37.086
9/13/12 10:00	39.099	39.130	33.996	9/13/12 10:00	38.084	21.751	34.976	36.206	27.682	30.228	37.093
9/13/12 10:20	39.221	39.275	33.837	9/13/12 10:20	38.091	21.761	34.955	36.213	27.693	30.254	37.110
9/13/12 10:40	39.148	39.205	33.818	9/13/12 10:40	38.086	21.761	34.946	36.211	27.691	30.251	37.117
9/13/12 11:00	39.135	39.165	33.818	9/13/12 11:00	38.098	21.768	34.951	36.218	27.700	30.256	37.121
9/13/12 11:20	39.176	39.247	33.813	9/13/12 11:20	38.091	21.768	34.946	36.215	27.700	30.256	37.121
9/13/12 11:40	39.216	39.322	33.813	9/13/12 11:40	38.086	21.782	34.944	36.213	27.698	30.254	37.121
9/13/12 12:00	39.202	39.268	33.813	9/13/12 12:00	38.079	21.765	34.946	36.215	27.696	30.254	37.124
9/13/12 12:20	39.239	39.383	33.811	9/13/12 12:20	38.072	21.765	34.951	36.215	27.696	30.254	37.126
9/13/12 12:40	39.216	39.270	33.813	9/13/12 12:40	38.072	21.763	34.944	36.213	27.696	30.254	37.128
9/13/12 13:00	39.051	39.100	33.813	9/13/12 13:00	38.065	21.765	34.946	36.213	27.696	30.254	37.126

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/13/12 13:20	39.146	39.154	34.083	9/13/12 13:20	38.056	21.754	35.009	36.204	27.703	30.251	37.124
9/13/12 13:40	39.118	39.182	33.865	9/13/12 13:40	38.053	21.756	34.972	36.204	27.703	30.270	37.138
9/13/12 14:00	39.179	39.212	33.827	9/13/12 14:00	38.046	21.754	34.948	36.199	27.693	30.256	37.128
9/13/12 14:20	39.169	39.240	33.811	9/13/12 14:20	38.032	21.751	34.937	36.194	27.682	30.247	37.112
9/13/12 14:40	39.055	39.044	33.794	9/13/12 14:40	38.021	21.744	34.918	36.187	27.672	30.235	37.100
9/13/12 15:00	39.048	39.034	33.780	9/13/12 15:00	38.011	21.737	34.909	36.192	27.663	30.223	37.086
9/13/12 15:20	39.097	39.140	33.766	9/13/12 15:20	38.000	21.728	34.895	36.185	27.651	30.209	37.070
9/13/12 15:40	39.106	39.149	33.933	9/13/12 15:40	37.993	21.726	34.955	36.185	27.668	30.223	37.065
9/13/12 16:00	39.097	39.149	33.801	9/13/12 16:00	37.988	21.726	34.920	36.183	27.658	30.223	37.079
9/13/12 16:20	38.852	38.808	33.778	9/13/12 16:20	37.983	21.726	34.899	36.173	27.649	30.212	37.074
9/13/12 16:40	38.820	38.773	33.762	9/13/12 16:40	37.986	21.730	34.885	36.171	27.647	30.205	37.058
9/13/12 17:00	38.974	38.978	33.745	9/13/12 17:00	37.979	21.728	34.869	36.164	27.637	30.195	37.037
9/13/12 17:20	38.885	38.850	33.731	9/13/12 17:20	37.974	21.730	34.857	36.159	27.630	30.186	37.021
9/13/12 17:40	38.666	38.546	33.719	9/13/12 17:40	37.969	21.721	34.841	36.150	27.621	30.177	37.004
9/13/12 18:00	38.624	38.504	33.700	9/13/12 18:00	37.962	21.716	34.822	36.143	27.612	30.163	36.981
9/13/12 18:20	38.584	38.457	33.686	9/13/12 18:20	37.960	21.721	34.809	36.136	27.602	30.151	36.958
9/13/12 18:40	38.584	38.457	33.736	9/13/12 18:40	37.960	21.726	34.832	36.136	27.614	30.165	36.948
9/13/12 19:00	38.554	38.429	33.689	9/13/12 19:00	37.958	21.721	34.804	36.131	27.600	30.149	36.937
9/13/12 19:20	38.561	38.436	33.771	9/13/12 19:20	37.951	21.719	34.834	36.127	27.609	30.158	36.925
9/13/12 19:40	38.540	38.410	33.689	9/13/12 19:40	37.956	21.726	34.799	36.127	27.597	30.146	36.920
9/13/12 20:00	38.526	38.401	33.663	9/13/12 20:00	37.953	21.730	34.781	36.122	27.588	30.135	36.906
9/13/12 20:20	38.523	38.394	33.651	9/13/12 20:20	37.956	21.730	34.771	36.124	27.586	30.128	36.894
9/13/12 20:40	38.516	38.387	33.642	9/13/12 20:40	37.958	21.740	34.767	36.124	27.586	30.123	36.885
9/13/12 21:00	38.512	38.382	33.639	9/13/12 21:00	37.967	21.742	34.764	36.129	27.586	30.123	36.880
9/13/12 21:20	38.507	38.378	33.637	9/13/12 21:20	37.979	21.756	34.762	36.134	27.593	30.128	36.876
9/13/12 21:40	38.503	38.375	33.637	9/13/12 21:40	37.976	21.758	34.760	36.136	27.590	30.125	36.871
9/13/12 22:00	38.503	38.371	33.632	9/13/12 22:00	37.976	21.754	34.755	36.134	27.588	30.121	36.869
9/13/12 22:20	38.498	38.368	33.628	9/13/12 22:20	37.981	21.765	34.753	36.134	27.588	30.118	36.864
9/13/12 22:40	38.496	38.366	33.625	9/13/12 22:40	37.983	21.763	34.750	36.134	27.588	30.121	36.862
9/13/12 23:00	38.493	38.361	33.623	9/13/12 23:00	37.986	21.772	34.750	36.136	27.588	30.118	36.862
9/13/12 23:20	38.491	38.361	33.623	9/13/12 23:20	37.983	21.772	34.743	36.134	27.586	30.116	36.857
9/13/12 23:40	38.489	38.354	33.618	9/13/12 23:40	37.983	21.772	34.739	36.131	27.581	30.111	36.855
9/14/12 0:00	38.486	38.354	33.614	9/14/12 0:00	37.981	21.777	34.739	36.131	27.579	30.109	36.852
9/14/12 0:20	38.484	38.352	33.611	9/14/12 0:20	37.979	21.770	34.732	36.127	27.576	30.104	36.850

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/14/12 0:40	38.479	38.350	33.609	9/14/12 0:40	37.979	21.770	34.729	36.127	27.574	30.102	36.845
9/14/12 1:00	38.472	38.340	33.602	9/14/12 1:00	37.969	21.761	34.720	36.120	27.562	30.095	36.841
9/14/12 1:20	38.477	38.343	33.804	9/14/12 1:20	37.962	21.763	34.771	36.115	27.572	30.093	36.836
9/14/12 1:40	38.477	38.347	33.630	9/14/12 1:40	37.958	21.751	34.734	36.113	27.562	30.097	36.845
9/14/12 2:00	38.465	38.336	33.607	9/14/12 2:00	37.953	21.754	34.720	36.108	27.553	30.086	36.838
9/14/12 2:20	38.458	38.329	33.593	9/14/12 2:20	37.949	21.761	34.708	36.106	27.546	30.078	36.831
9/14/12 2:40	38.449	38.317	33.581	9/14/12 2:40	37.942	21.744	34.697	36.099	27.537	30.069	36.822
9/14/12 3:00	38.444	38.312	33.572	9/14/12 3:00	37.935	21.737	34.690	36.094	27.527	30.060	36.813
9/14/12 3:20	38.435	38.303	33.562	9/14/12 3:20	37.928	21.726	34.678	36.087	27.520	30.050	36.806
9/14/12 3:40	38.428	38.296	33.553	9/14/12 3:40	37.921	21.721	34.669	36.082	27.511	30.041	36.796
9/14/12 4:00	38.421	38.291	33.548	9/14/12 4:00	37.921	21.721	34.664	36.080	27.506	30.034	36.792
9/14/12 4:20	38.419	38.289	33.541	9/14/12 4:20	37.916	21.721	34.662	36.078	27.502	30.032	36.787
9/14/12 4:40	38.414	38.284	33.539	9/14/12 4:40	37.918	21.726	34.659	36.078	27.502	30.029	36.782
9/14/12 5:00	38.412	38.279	33.536	9/14/12 5:00	37.921	21.726	34.657	36.080	27.499	30.029	36.777
9/14/12 5:20	38.407	38.279	33.532	9/14/12 5:20	37.921	21.735	34.652	36.078	27.497	30.027	36.775
9/14/12 5:40	38.409	38.279	33.609	9/14/12 5:40	37.923	21.735	34.694	36.078	27.502	30.025	36.775
9/14/12 6:00	38.423	38.296	33.576	9/14/12 6:00	37.925	21.737	34.680	36.080	27.509	30.041	36.787
9/14/12 6:20	38.419	38.289	33.553	9/14/12 6:20	37.925	21.733	34.666	36.080	27.506	30.034	36.787
9/14/12 6:40	38.423	38.289	33.546	9/14/12 6:40	37.930	21.742	34.664	36.085	27.504	30.032	36.784
9/14/12 7:00	38.423	38.289	33.543	9/14/12 7:00	37.935	21.744	34.662	36.087	27.504	30.032	36.784
9/14/12 7:20	38.423	38.294	33.543	9/14/12 7:20	37.937	21.744	34.659	36.087	27.504	30.032	36.784
9/14/12 7:40	38.423	38.291	33.541	9/14/12 7:40	37.939	21.747	34.662	36.089	27.504	30.029	36.787
9/14/12 8:00	38.423	38.296	33.543	9/14/12 8:00	37.944	21.749	34.664	36.092	27.509	30.034	36.787
9/14/12 8:20	38.423	38.291	33.543	9/14/12 8:20	37.944	21.751	34.662	36.092	27.506	30.034	36.789
9/14/12 8:40	38.423	38.294	33.541	9/14/12 8:40	37.942	21.754	34.659	36.089	27.504	30.029	36.789
9/14/12 9:00	38.419	38.286	33.539	9/14/12 9:00	37.937	21.744	34.652	36.087	27.497	30.025	36.787
9/14/12 9:20	38.421	38.294	33.536	9/14/12 9:20	37.937	21.747	34.655	36.085	27.497	30.022	36.789
9/14/12 9:40	38.442	38.315	33.616	9/14/12 9:40	37.942	21.754	34.694	36.089	27.516	30.046	36.801
9/14/12 10:00	38.437	38.308	33.569	9/14/12 10:00	37.942	21.754	34.676	36.089	27.509	30.039	36.808
9/14/12 10:20	38.435	38.305	33.557	9/14/12 10:20	37.944	21.756	34.671	36.089	27.506	30.036	36.808
9/14/12 10:40	38.430	38.301	33.548	9/14/12 10:40	37.937	21.751	34.662	36.085	27.499	30.027	36.803
9/14/12 11:00	38.428	38.298	33.541	9/14/12 11:00	37.935	21.747	34.657	36.085	27.495	30.025	36.799
9/14/12 11:20	38.423	38.296	33.539	9/14/12 11:20	37.935	21.744	34.652	36.082	27.492	30.020	36.799
9/14/12 11:40	38.426	38.291	33.536	9/14/12 11:40	37.932	21.747	34.650	36.082	27.490	30.018	36.794

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/14/12 12:00	38.419	38.286	33.532	9/14/12 12:00	37.930	21.749	34.645	36.080	27.485	30.013	36.792
9/14/12 12:20	38.414	38.286	33.527	9/14/12 12:20	37.925	21.735	34.641	36.073	27.478	30.008	36.787
9/14/12 12:40	38.428	38.301	33.604	9/14/12 12:40	37.916	21.733	34.676	36.066	27.488	30.022	36.789
9/14/12 13:00	38.416	38.289	33.543	9/14/12 13:00	37.907	21.726	34.648	36.061	27.471	30.006	36.789
9/14/12 13:20	38.409	38.279	33.525	9/14/12 13:20	37.900	21.714	34.631	36.054	27.460	29.994	36.782
9/14/12 13:40	38.400	38.268	33.508	9/14/12 13:40	37.890	21.716	34.620	36.050	27.450	29.983	36.773
9/14/12 14:00	38.391	38.263	33.499	9/14/12 14:00	37.886	21.712	34.608	36.045	27.441	29.973	36.763
9/14/12 14:20	38.402	38.275	33.586	9/14/12 14:20	37.879	21.705	34.648	36.038	27.450	29.987	36.763
9/14/12 14:40	38.400	38.277	33.513	9/14/12 14:40	37.867	21.695	34.615	36.036	27.432	29.969	36.763
9/14/12 15:00	38.379	38.251	33.489	9/14/12 15:00	37.862	21.688	34.597	36.028	27.420	29.955	36.752
9/14/12 15:20	38.365	38.237	33.473	9/14/12 15:20	37.855	21.679	34.585	36.024	27.408	29.945	36.740
9/14/12 15:40	38.358	38.228	33.459	9/14/12 15:40	37.851	21.674	34.576	36.022	27.401	29.934	36.728
9/14/12 16:00	38.346	38.219	33.447	9/14/12 16:00	37.844	21.679	34.562	36.015	27.392	29.924	36.719
9/14/12 16:20	38.344	38.212	33.443	9/14/12 16:20	37.844	21.672	34.557	36.015	27.385	29.920	36.710
9/14/12 16:40	38.332	38.202	33.433	9/14/12 16:40	37.839	21.670	34.548	36.010	27.378	29.910	36.703
9/14/12 17:00	38.328	38.198	33.426	9/14/12 17:00	37.834	21.665	34.541	36.010	27.373	29.903	36.693
9/14/12 17:20	38.321	38.191	33.419	9/14/12 17:20	37.834	21.665	34.536	36.008	27.366	29.898	36.689
9/14/12 17:40	38.318	38.186	33.414	9/14/12 17:40	37.832	21.658	34.529	36.005	27.361	29.891	36.682
9/14/12 18:00	38.316	38.184	33.407	9/14/12 18:00	37.830	21.660	34.527	36.003	27.354	29.884	36.677
9/14/12 18:20	38.314	38.181	33.403	9/14/12 18:20	37.830	21.653	34.520	36.003	27.350	29.882	36.672
9/14/12 18:40	38.316	38.181	33.567	9/14/12 18:40	37.834	21.663	34.576	36.005	27.359	29.882	36.672
9/14/12 19:00	38.328	38.198	33.454	9/14/12 19:00	37.834	21.665	34.550	36.008	27.364	29.901	36.686
9/14/12 19:20	38.339	38.207	33.658	9/14/12 19:20	37.837	21.658	34.601	36.008	27.376	29.901	36.689
9/14/12 19:40	38.367	38.237	33.661	9/14/12 19:40	37.839	21.660	34.641	36.008	27.397	29.938	36.707
9/14/12 20:00	38.351	38.221	33.492	9/14/12 20:00	37.841	21.665	34.580	36.008	27.376	29.920	36.724
9/14/12 20:20	38.342	38.209	33.457	9/14/12 20:20	37.841	21.660	34.562	36.010	27.366	29.906	36.714
9/14/12 20:40	38.335	38.202	33.440	9/14/12 20:40	37.846	21.665	34.550	36.012	27.364	29.901	36.705
9/14/12 21:00	38.332	38.200	33.433	9/14/12 21:00	37.851	21.667	34.545	36.017	27.364	29.896	36.698
9/14/12 21:20	38.328	38.198	33.426	9/14/12 21:20	37.858	21.672	34.543	36.019	27.361	29.894	36.696
9/14/12 21:40	38.330	38.200	33.424	9/14/12 21:40	37.862	21.672	34.541	36.022	27.364	29.896	36.693
9/14/12 22:00	38.325	38.193	33.419	9/14/12 22:00	37.867	21.674	34.536	36.024	27.361	29.894	36.691
9/14/12 22:20	38.328	38.193	33.417	9/14/12 22:20	37.869	21.677	34.534	36.024	27.361	29.891	36.689
9/14/12 22:40	38.328	38.198	33.417	9/14/12 22:40	37.874	21.677	34.534	36.029	27.361	29.891	36.689
9/14/12 23:00	38.328	38.193	33.414	9/14/12 23:00	37.874	21.674	34.531	36.029	27.359	29.891	36.686

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/14/12 23:20	38.325	38.193	33.412	9/14/12 23:20	37.874	21.672	34.527	36.026	27.354	29.887	36.684
9/14/12 23:40	38.323	38.191	33.410	9/14/12 23:40	37.874	21.674	34.524	36.026	27.352	29.884	36.682
9/15/12 0:00	38.321	38.188	33.407	9/15/12 0:00	37.872	21.667	34.520	36.026	27.350	29.882	36.679
9/15/12 0:20	38.316	38.184	33.400	9/15/12 0:20	37.869	21.667	34.515	36.024	27.345	29.875	36.677
9/15/12 0:40	38.314	38.181	33.398	9/15/12 0:40	37.867	21.658	34.510	36.022	27.338	29.870	36.672
9/15/12 1:00	38.309	38.179	33.391	9/15/12 1:00	37.865	21.656	34.508	36.017	27.333	29.866	36.670
9/15/12 1:20	38.307	38.177	33.386	9/15/12 1:20	37.862	21.653	34.503	36.017	27.331	29.863	36.665
9/15/12 1:40	38.300	38.172	33.382	9/15/12 1:40	37.860	21.658	34.496	36.014	27.326	29.859	36.661
9/15/12 2:00	38.300	38.167	33.379	9/15/12 2:00	37.858	21.649	34.494	36.015	27.322	29.854	36.656
9/15/12 2:20	38.295	38.165	33.372	9/15/12 2:20	37.858	21.642	34.487	36.012	27.317	29.847	36.651
9/15/12 2:40	38.288	38.156	33.368	9/15/12 2:40	37.853	21.642	34.480	36.008	27.310	29.842	36.644
9/15/12 3:00	38.283	38.149	33.363	9/15/12 3:00	37.848	21.639	34.475	36.005	27.305	29.835	36.639
9/15/12 3:20	38.276	38.144	33.356	9/15/12 3:20	37.844	21.630	34.468	35.998	27.296	29.828	36.635
9/15/12 3:40	38.272	38.139	33.351	9/15/12 3:40	37.841	21.628	34.464	35.998	27.291	29.824	36.628
9/15/12 4:00	38.269	38.135	33.344	9/15/12 4:00	37.839	21.630	34.459	35.998	27.287	29.817	36.623
9/15/12 4:20	38.262	38.130	33.398	9/15/12 4:20	37.837	21.623	34.499	35.994	27.287	29.814	36.618
9/15/12 4:40	38.279	38.149	33.389	9/15/12 4:40	37.837	21.628	34.482	35.991	27.291	29.831	36.630
9/15/12 5:00	38.269	38.137	33.358	9/15/12 5:00	37.837	21.621	34.466	35.994	27.284	29.819	36.628
9/15/12 5:20	38.267	38.135	33.349	9/15/12 5:20	37.839	21.616	34.457	35.994	27.282	29.814	36.623
9/15/12 5:40	38.260	38.130	33.342	9/15/12 5:40	37.841	21.618	34.454	35.996	27.280	29.812	36.616
9/15/12 6:00	38.262	38.130	33.337	9/15/12 6:00	37.846	21.625	34.452	35.998	27.280	29.810	36.614
9/15/12 6:20	38.258	38.125	33.335	9/15/12 6:20	37.848	21.625	34.452	36.000	27.280	29.810	36.611
9/15/12 6:40	38.262	38.130	33.337	9/15/12 6:40	37.858	21.635	34.454	36.010	27.284	29.812	36.614
9/15/12 7:00	38.262	38.130	33.335	9/15/12 7:00	37.860	21.635	34.452	36.012	27.282	29.814	36.611
9/15/12 7:20	38.262	38.135	33.337	9/15/12 7:20	37.865	21.639	34.452	36.012	27.284	29.812	36.611
9/15/12 7:40	38.269	38.135	33.339	9/15/12 7:40	37.874	21.642	34.457	36.019	27.289	29.819	36.616
9/15/12 8:00	38.267	38.137	33.337	9/15/12 8:00	37.872	21.639	34.454	36.019	27.287	29.814	36.618
9/15/12 8:20	38.269	38.137	33.337	9/15/12 8:20	37.872	21.637	34.454	36.017	27.282	29.812	36.616
9/15/12 8:40	38.269	38.139	33.337	9/15/12 8:40	37.872	21.635	34.452	36.019	27.282	29.812	36.621
9/15/12 9:00	38.272	38.139	33.335	9/15/12 9:00	37.867	21.628	34.450	36.015	27.280	29.810	36.621
9/15/12 9:20	38.272	38.139	33.335	9/15/12 9:20	37.865	21.632	34.447	36.015	27.275	29.807	36.621
9/15/12 9:40	38.272	38.139	33.335	9/15/12 9:40	37.865	21.628	34.447	36.014	27.273	29.805	36.623
9/15/12 10:00	38.272	38.142	33.332	9/15/12 10:00	37.862	21.623	34.445	36.012	27.270	29.803	36.623
9/15/12 10:20	38.267	38.135	33.330	9/15/12 10:20	37.858	21.618	34.440	36.007	27.263	29.798	36.621

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/15/12 10:40	38.265	38.135	33.325	9/15/12 10:40	37.853	21.611	34.436	36.003	27.259	29.793	36.621
9/15/12 11:00	38.260	38.130	33.323	9/15/12 11:00	37.848	21.609	34.433	36.000	27.254	29.786	36.618
9/15/12 11:20	38.262	38.130	33.318	9/15/12 11:20	37.848	21.611	34.431	35.998	27.252	29.784	36.618
9/15/12 11:40	38.260	38.128	33.314	9/15/12 11:40	37.844	21.597	34.426	35.996	27.245	29.779	36.614
9/15/12 12:00	38.255	38.125	33.309	9/15/12 12:00	37.839	21.593	34.419	35.991	27.238	29.772	36.611
9/15/12 12:20	38.272	38.139	33.457	9/15/12 12:20	37.832	21.581	34.468	35.987	27.249	29.779	36.609
9/15/12 12:40	38.260	38.130	33.335	9/15/12 12:40	37.825	21.579	34.433	35.979	27.235	29.775	36.618
9/15/12 13:00	38.253	38.121	33.311	9/15/12 13:00	37.820	21.574	34.417	35.977	27.224	29.763	36.609
9/15/12 13:20	38.244	38.114	33.299	9/15/12 13:20	37.818	21.576	34.408	35.975	27.217	29.756	36.602
9/15/12 13:40	38.237	38.107	33.290	9/15/12 13:40	37.813	21.569	34.399	35.970	27.210	29.747	36.595
9/15/12 14:00	38.251	38.123	33.381	9/15/12 14:00	37.806	21.558	34.436	35.965	27.217	29.758	36.590
9/15/12 14:20	38.237	38.109	33.304	9/15/12 14:20	37.799	21.551	34.403	35.961	27.200	29.744	36.593
9/15/12 14:40	38.225	38.097	33.278	9/15/12 14:40	37.790	21.539	34.385	35.954	27.186	29.728	36.581
9/15/12 15:00	38.213	38.083	33.264	9/15/12 15:00	37.783	21.537	34.375	35.947	27.177	29.716	36.569
9/15/12 15:20	38.206	38.076	33.250	9/15/12 15:20	37.781	21.532	34.366	35.944	27.168	29.709	36.560
9/15/12 15:40	38.239	38.114	33.349	9/15/12 15:40	37.776	21.525	34.417	35.942	27.186	29.735	36.569
9/15/12 16:00	38.267	38.135	33.285	9/15/12 16:00	37.769	21.516	34.387	35.937	27.175	29.716	36.569
9/15/12 16:20	38.295	38.158	33.267	9/15/12 16:20	37.769	21.514	34.375	35.937	27.168	29.709	36.565
9/15/12 16:40	38.274	38.142	33.257	9/15/12 16:40	37.769	21.516	34.366	35.937	27.161	29.702	36.565
9/15/12 17:00	38.253	38.121	33.248	9/15/12 17:00	37.767	21.507	34.357	35.935	27.151	29.695	36.558
9/15/12 17:20	38.230	38.100	33.236	9/15/12 17:20	37.762	21.507	34.350	35.933	27.144	29.688	36.551
9/15/12 17:40	38.218	38.086	33.227	9/15/12 17:40	37.762	21.507	34.340	35.933	27.139	29.679	36.541
9/15/12 18:00	38.206	38.074	33.220	9/15/12 18:00	37.765	21.504	34.336	35.933	27.135	29.674	36.537
9/15/12 18:20	38.195	38.062	33.215	9/15/12 18:20	37.767	21.504	34.329	35.935	27.130	29.672	36.530
9/15/12 18:40	38.188	38.053	33.210	9/15/12 18:40	37.765	21.500	34.322	35.933	27.125	29.665	36.520
9/15/12 19:00	38.178	38.048	33.206	9/15/12 19:00	37.769	21.509	34.319	35.937	27.125	29.665	36.516
9/15/12 19:20	38.174	38.043	33.201	9/15/12 19:20	37.772	21.507	34.315	35.937	27.121	29.660	36.511
9/15/12 19:40	38.169	38.036	33.199	9/15/12 19:40	37.774	21.509	34.312	35.937	27.118	29.655	36.506
9/15/12 20:00	38.188	38.057	33.288	9/15/12 20:00	37.776	21.509	34.352	35.940	27.132	29.674	36.511
9/15/12 20:20	38.178	38.046	33.227	9/15/12 20:20	37.781	21.516	34.331	35.944	27.128	29.669	36.520
9/15/12 20:40	38.176	38.043	33.215	9/15/12 20:40	37.792	21.516	34.329	35.954	27.130	29.667	36.518
9/15/12 21:00	38.176	38.046	33.215	9/15/12 21:00	37.804	21.518	34.329	35.961	27.135	29.672	36.516
9/15/12 21:20	38.178	38.046	33.213	9/15/12 21:20	37.811	21.525	34.329	35.965	27.137	29.672	36.516
9/15/12 21:40	38.178	38.046	33.213	9/15/12 21:40	37.816	21.525	34.326	35.970	27.135	29.672	36.516

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/15/12 22:00	38.178	38.046	33.213	9/15/12 22:00	37.820	21.532	34.329	35.972	27.139	29.674	36.518
9/15/12 22:20	38.183	38.048	33.215	9/15/12 22:20	37.827	21.537	34.329	35.977	27.139	29.674	36.518
9/15/12 22:40	38.181	38.048	33.215	9/15/12 22:40	37.834	21.530	34.329	35.982	27.142	29.676	36.520
9/15/12 23:00	38.183	38.050	33.213	9/15/12 23:00	37.827	21.532	34.326	35.979	27.137	29.674	36.518
9/15/12 23:20	38.183	38.048	33.213	9/15/12 23:20	37.832	21.534	34.326	35.984	27.139	29.672	36.520
9/15/12 23:40	38.183	38.050	33.210	9/15/12 23:40	37.834	21.532	34.324	35.979	27.137	29.672	36.520
9/16/12 0:00	38.183	38.050	33.210	9/16/12 0:00	37.834	21.525	34.322	35.982	27.135	29.669	36.520
9/16/12 0:20	38.181	38.048	33.208	9/16/12 0:20	37.832	21.523	34.319	35.982	27.130	29.667	36.518
9/16/12 0:40	38.178	38.048	33.206	9/16/12 0:40	37.832	21.525	34.319	35.979	27.128	29.665	36.516
9/16/12 1:00	38.176	38.043	33.203	9/16/12 1:00	37.834	21.527	34.317	35.982	27.128	29.665	36.516
9/16/12 1:20	38.178	38.046	33.203	9/16/12 1:20	37.839	21.527	34.317	35.984	27.130	29.665	36.513
9/16/12 1:40	38.174	38.041	33.201	9/16/12 1:40	37.834	21.518	34.312	35.982	27.125	29.660	36.509
9/16/12 2:00	38.174	38.039	33.196	9/16/12 2:00	37.834	21.518	34.310	35.979	27.121	29.658	36.509
9/16/12 2:20	38.169	38.039	33.194	9/16/12 2:20	37.834	21.516	34.308	35.979	27.118	29.655	36.504
9/16/12 2:40	38.162	38.032	33.187	9/16/12 2:40	37.830	21.511	34.303	35.977	27.114	29.651	36.499
9/16/12 3:00	38.160	38.029	33.182	9/16/12 3:00	37.825	21.502	34.296	35.972	27.104	29.644	36.494
9/16/12 3:20	38.153	38.022	33.178	9/16/12 3:20	37.823	21.504	34.294	35.970	27.102	29.639	36.490
9/16/12 3:40	38.153	38.020	33.173	9/16/12 3:40	37.818	21.500	34.289	35.968	27.097	29.632	36.485
9/16/12 4:00	38.171	38.039	33.306	9/16/12 4:00	37.823	21.497	34.340	35.970	27.116	29.653	36.487
9/16/12 4:20	38.160	38.029	33.206	9/16/12 4:20	37.818	21.495	34.305	35.968	27.102	29.646	36.494
9/16/12 4:40	38.153	38.020	33.184	9/16/12 4:40	37.813	21.493	34.291	35.963	27.093	29.634	36.487
9/16/12 5:00	38.146	38.013	33.173	9/16/12 5:00	37.816	21.493	34.284	35.965	27.090	29.630	36.483
9/16/12 5:20	38.143	38.013	33.168	9/16/12 5:20	37.818	21.495	34.284	35.965	27.090	29.627	36.478
9/16/12 5:40	38.141	38.008	33.166	9/16/12 5:40	37.823	21.495	34.280	35.970	27.090	29.627	36.476
9/16/12 6:00	38.141	38.011	33.163	9/16/12 6:00	37.827	21.497	34.280	35.972	27.090	29.627	36.473
9/16/12 6:20	38.139	38.006	33.161	9/16/12 6:20	37.827	21.497	34.275	35.972	27.088	29.625	36.471
9/16/12 6:40	38.137	38.004	33.159	9/16/12 6:40	37.827	21.497	34.275	35.972	27.086	29.623	36.469
9/16/12 7:00	38.136	38.004	33.156	9/16/12 7:00	37.825	21.493	34.270	35.972	27.083	29.618	36.466
9/16/12 7:20	38.134	38.001	33.154	9/16/12 7:20	37.825	21.500	34.270	35.972	27.081	29.616	36.466
9/16/12 7:40	38.141	38.006	33.156	9/16/12 7:40	37.837	21.507	34.275	35.979	27.088	29.620	36.469
9/16/12 8:00	38.139	38.006	33.159	9/16/12 8:00	37.839	21.507	34.275	35.979	27.088	29.620	36.471
9/16/12 8:20	38.150	38.015	33.161	9/16/12 8:20	37.844	21.509	34.280	35.984	27.090	29.625	36.471
9/16/12 8:40	38.155	38.020	33.163	9/16/12 8:40	37.839	21.506	34.277	35.984	27.088	29.625	36.471
9/16/12 9:00	38.183	38.050	33.290	9/16/12 9:00	37.841	21.504	34.331	35.984	27.107	29.644	36.480

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/16/12 9:20	38.185	38.053	33.206	9/16/12 9:20	37.846	21.509	34.305	35.989	27.104	29.644	36.499
9/16/12 9:40	38.185	38.050	33.192	9/16/12 9:40	37.851	21.511	34.301	35.991	27.104	29.641	36.502
9/16/12 10:00	38.183	38.048	33.189	9/16/12 10:00	37.855	21.514	34.303	35.996	27.104	29.644	36.504
9/16/12 10:20	38.181	38.048	33.187	9/16/12 10:20	37.853	21.507	34.298	35.993	27.102	29.641	36.504
9/16/12 10:40	38.176	38.043	33.182	9/16/12 10:40	37.851	21.509	34.294	35.991	27.100	29.637	36.502
9/16/12 11:00	38.176	38.043	33.180	9/16/12 11:00	37.851	21.509	34.294	35.989	27.097	29.634	36.504
9/16/12 11:20	38.171	38.039	33.178	9/16/12 11:20	37.848	21.499	34.291	35.986	27.093	29.632	36.502
9/16/12 11:40	38.176	38.046	33.175	9/16/12 11:40	37.844	21.497	34.287	35.984	27.090	29.630	36.499
9/16/12 12:00	38.178	38.046	33.173	9/16/12 12:00	37.841	21.495	34.284	35.984	27.088	29.627	36.499
9/16/12 12:20	38.176	38.043	33.168	9/16/12 12:20	37.837	21.481	34.280	35.979	27.081	29.620	36.499
9/16/12 12:40	38.169	38.036	33.163	9/16/12 12:40	37.823	21.476	34.273	35.968	27.069	29.613	36.492
9/16/12 13:00	38.167	38.032	33.156	9/16/12 13:00	37.818	21.474	34.268	35.965	27.065	29.604	36.490
9/16/12 13:20	38.169	38.036	33.342	9/16/12 13:20	37.811	21.460	34.317	35.958	27.072	29.606	36.485
9/16/12 13:40	38.167	38.034	33.184	9/16/12 13:40	37.804	21.458	34.280	35.954	27.060	29.609	36.494
9/16/12 14:00	38.162	38.032	33.156	9/16/12 14:00	37.795	21.446	34.261	35.947	27.046	29.595	36.487
9/16/12 14:20	38.153	38.027	33.142	9/16/12 14:20	37.785	21.437	34.249	35.942	27.037	29.583	36.476
9/16/12 14:40	38.137	38.006	33.131	9/16/12 14:40	37.781	21.434	34.240	35.935	27.027	29.574	36.469
9/16/12 15:00	38.125	37.994	33.121	9/16/12 15:00	37.774	21.430	34.228	35.928	27.018	29.564	36.457
9/16/12 15:20	38.115	37.983	33.110	9/16/12 15:20	37.765	21.418	34.219	35.923	27.006	29.553	36.445
9/16/12 15:40	38.109	37.978	33.100	9/16/12 15:40	37.760	21.413	34.210	35.919	26.999	29.543	36.436
9/16/12 16:00	38.113	37.980	33.091	9/16/12 16:00	37.755	21.406	34.203	35.914	26.992	29.536	36.429
9/16/12 16:20	38.104	37.971	33.084	9/16/12 16:20	37.753	21.404	34.196	35.912	26.985	29.529	36.422
9/16/12 16:40	38.090	37.959	33.074	9/16/12 16:40	37.744	21.395	34.187	35.907	26.976	29.520	36.413
9/16/12 17:00	38.085	37.952	33.067	9/16/12 17:00	37.744	21.390	34.180	35.905	26.969	29.513	36.408
9/16/12 17:20	38.078	37.945	33.065	9/16/12 17:20	37.746	21.397	34.177	35.907	26.969	29.513	36.401
9/16/12 17:40	38.069	37.936	33.058	9/16/12 17:40	37.744	21.392	34.170	35.905	26.962	29.508	36.394
9/16/12 18:00	38.069	37.934	33.053	9/16/12 18:00	37.746	21.385	34.168	35.907	26.960	29.503	36.389
9/16/12 18:20	38.090	37.959	33.173	9/16/12 18:20	37.746	21.388	34.219	35.909	26.978	29.527	36.394
9/16/12 18:40	38.078	37.948	33.088	9/16/12 18:40	37.746	21.381	34.189	35.907	26.967	29.515	36.401
9/16/12 19:00	38.071	37.936	33.070	9/16/12 19:00	37.748	21.385	34.177	35.909	26.962	29.508	36.396
9/16/12 19:20	38.066	37.934	33.060	9/16/12 19:20	37.751	21.388	34.168	35.912	26.960	29.503	36.389
9/16/12 19:40	38.062	37.927	33.058	9/16/12 19:40	37.751	21.385	34.201	35.912	26.957	29.499	36.385
9/16/12 20:00	38.081	37.950	33.102	9/16/12 20:00	37.758	21.392	34.196	35.914	26.969	29.517	36.396
9/16/12 20:20	38.078	37.945	33.077	9/16/12 20:20	37.762	21.392	34.182	35.919	26.964	29.510	36.399

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/16/12 20:40	38.076	37.943	33.070	9/16/12 20:40	37.772	21.402	34.180	35.926	26.967	29.510	36.394
9/16/12 21:00	38.076	37.941	33.063	9/16/12 21:00	37.774	21.399	34.175	35.928	26.967	29.510	36.394
9/16/12 21:20	38.073	37.941	33.063	9/16/12 21:20	37.781	21.402	34.175	35.933	26.967	29.508	36.392
9/16/12 21:40	38.076	37.941	33.058	9/16/12 21:40	37.781	21.395	34.173	35.933	26.964	29.506	36.392
9/16/12 22:00	38.080	37.945	33.060	9/16/12 22:00	37.790	21.404	34.177	35.940	26.969	29.508	36.394
9/16/12 22:20	38.080	37.945	33.060	9/16/12 22:20	37.790	21.406	34.175	35.940	26.969	29.508	36.394
9/16/12 22:40	38.078	37.945	33.058	9/16/12 22:40	37.792	21.409	34.175	35.942	26.969	29.510	36.396
9/16/12 23:00	38.080	37.948	33.060	9/16/12 23:00	37.797	21.404	34.173	35.942	26.969	29.508	36.396
9/16/12 23:20	38.080	37.948	33.058	9/16/12 23:20	37.797	21.406	34.173	35.942	26.964	29.506	36.396
9/16/12 23:40	38.080	37.945	33.058	9/16/12 23:40	37.797	21.399	34.173	35.942	26.964	29.508	36.396
9/17/12 0:00	38.083	37.948	33.056	9/17/12 0:00	37.797	21.399	34.173	35.944	26.964	29.506	36.396
9/17/12 0:20	38.080	37.948	33.055	9/17/12 0:20	37.804	21.399	34.170	35.947	26.964	29.506	36.399
9/17/12 0:40	38.076	37.943	33.053	9/17/12 0:40	37.797	21.392	34.166	35.944	26.960	29.501	36.394
9/17/12 1:00	38.076	37.943	33.051	9/17/12 1:00	37.797	21.385	34.163	35.942	26.955	29.496	36.392
9/17/12 1:20	38.076	37.941	33.051	9/17/12 1:20	37.797	21.390	34.163	35.944	26.955	29.496	36.392
9/17/12 1:40	38.090	37.955	33.177	9/17/12 1:40	37.795	21.378	34.210	35.940	26.967	29.508	36.392
9/17/12 2:00	38.083	37.948	33.079	9/17/12 2:00	37.795	21.385	34.182	35.942	26.960	29.508	36.403
9/17/12 2:20	38.080	37.945	33.062	9/17/12 2:20	37.797	21.390	34.170	35.944	26.957	29.501	36.399
9/17/12 2:40	38.071	37.938	33.053	9/17/12 2:40	37.797	21.383	34.166	35.942	26.953	29.496	36.392
9/17/12 3:00	38.069	37.938	33.046	9/17/12 3:00	37.795	21.378	34.159	35.940	26.948	29.492	36.385
9/17/12 3:20	38.059	37.929	33.037	9/17/12 3:20	37.790	21.369	34.152	35.935	26.938	29.482	36.378
9/17/12 3:40	38.057	37.924	33.032	9/17/12 3:40	37.785	21.369	34.145	35.933	26.934	29.478	36.373
9/17/12 4:00	38.050	37.917	33.025	9/17/12 4:00	37.783	21.362	34.138	35.930	26.929	29.473	36.366
9/17/12 4:20	38.050	37.917	33.023	9/17/12 4:20	37.788	21.369	34.138	35.935	26.929	29.473	36.364
9/17/12 4:40	38.048	37.915	33.023	9/17/12 4:40	37.792	21.376	34.140	35.937	26.934	29.473	36.361
9/17/12 5:00	38.048	37.917	33.023	9/17/12 5:00	37.799	21.385	34.140	35.944	26.936	29.473	36.359
9/17/12 5:20	38.050	37.915	33.025	9/17/12 5:20	37.811	21.388	34.142	35.951	26.943	29.478	36.359
9/17/12 5:40	38.050	37.917	33.027	9/17/12 5:40	37.816	21.392	34.145	35.958	26.945	29.482	36.359
9/17/12 6:00	38.057	37.924	33.037	9/17/12 6:00	37.837	21.409	34.154	35.972	26.960	29.494	36.364
9/17/12 6:20	38.050	37.917	33.032	9/17/12 6:20	37.825	21.390	34.147	35.963	26.950	29.489	36.359
9/17/12 6:40	38.059	37.927	33.034	9/17/12 6:40	37.832	21.390	34.149	35.968	26.953	29.489	36.361
9/17/12 7:00	38.062	37.924	33.030	9/17/12 7:00	37.825	21.388	34.147	35.961	26.948	29.485	36.361
9/17/12 7:20	38.083	37.948	33.206	9/17/12 7:20	37.837	21.395	34.210	35.970	26.974	29.506	36.368
9/17/12 7:40	38.080	37.948	33.074	9/17/12 7:40	37.832	21.390	34.180	35.968	26.964	29.506	36.385

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/17/12 8:00	38.078	37.945	33.063	9/17/12 8:00	37.841	21.392	34.175	35.975	26.967	29.506	36.387
9/17/12 8:20	38.211	38.107	33.062	9/17/12 8:20	37.853	21.411	34.180	35.986	26.976	29.513	36.392
9/17/12 8:40	38.267	38.186	33.067	9/17/12 8:40	37.858	21.406	34.182	35.993	26.978	29.517	36.396
9/17/12 9:00	38.153	38.034	33.070	9/17/12 9:00	37.855	21.409	34.187	35.991	26.978	29.515	36.403
9/17/12 9:20	38.230	38.200	33.072	9/17/12 9:20	37.862	21.418	34.194	35.998	26.988	29.522	36.415
9/17/12 9:40	38.561	38.642	33.091	9/17/12 9:40	37.876	21.423	34.214	36.019	27.002	29.536	36.429
9/17/12 10:00	38.712	38.826	33.114	9/17/12 10:00	37.888	21.439	34.249	36.038	27.020	29.555	36.462
9/17/12 10:20	38.794	38.934	33.142	9/17/12 10:20	37.895	21.437	34.275	36.047	27.034	29.576	36.506
9/17/12 10:40	38.656	38.710	33.175	9/17/12 10:40	37.918	21.458	34.305	36.068	27.062	29.604	36.548
9/17/12 11:00	38.834	38.981	33.196	9/17/12 11:00	37.916	21.453	34.322	36.068	27.069	29.616	36.579
9/17/12 11:20	38.885	38.995	33.215	9/17/12 11:20	37.921	21.467	34.345	36.078	27.083	29.632	36.604
9/17/12 11:40	38.946	39.102	33.239	9/17/12 11:40	37.930	21.465	34.368	36.087	27.095	29.648	36.635
9/17/12 12:00	38.946	39.112	33.262	9/17/12 12:00	37.939	21.478	34.389	36.101	27.114	29.669	36.665
9/17/12 12:20	38.985	39.158	33.276	9/17/12 12:20	37.935	21.469	34.403	36.099	27.121	29.679	36.689
9/17/12 12:40	39.041	39.212	33.292	9/17/12 12:40	37.935	21.471	34.417	36.101	27.128	29.690	36.710
9/17/12 13:00	39.025	39.165	33.295	9/17/12 13:00	37.921	21.455	34.422	36.092	27.123	29.688	36.724
9/17/12 13:20	39.037	39.193	33.292	9/17/12 13:20	37.923	21.460	34.433	36.094	27.130	29.695	36.740
9/17/12 13:40	39.051	39.193	33.316	9/17/12 13:40	37.916	21.453	34.454	36.092	27.135	29.702	36.752
9/17/12 14:00	38.971	39.030	33.384	9/17/12 14:00	37.911	21.451	34.480	36.087	27.151	29.728	36.773
9/17/12 14:20	39.039	39.179	33.351	9/17/12 14:20	37.909	21.451	34.468	36.087	27.151	29.723	36.777
9/17/12 14:40	39.064	39.224	33.353	9/17/12 14:40	37.921	21.462	34.475	36.099	27.160	29.733	36.780
9/17/12 15:00	39.057	39.196	33.351	9/17/12 15:00	37.911	21.455	34.478	36.094	27.158	29.730	36.782
9/17/12 15:20	39.083	39.233	33.356	9/17/12 15:20	37.914	21.458	34.482	36.099	27.165	29.735	36.787
9/17/12 15:40	39.071	39.205	33.360	9/17/12 15:40	37.914	21.455	34.482	36.099	27.167	29.742	36.792
9/17/12 16:00	39.078	39.257	33.358	9/17/12 16:00	37.909	21.455	34.487	36.096	27.170	29.742	36.792
9/17/12 16:20	39.092	39.280	33.363	9/17/12 16:20	37.907	21.453	34.492	36.101	27.170	29.747	36.799
9/17/12 16:40	38.967	39.076	33.375	9/17/12 16:40	37.918	21.465	34.501	36.106	27.184	29.758	36.806
9/17/12 17:00	38.990	39.116	33.377	9/17/12 17:00	37.923	21.472	34.506	36.108	27.193	29.765	36.806
9/17/12 17:20	38.792	38.773	33.375	9/17/12 17:20	37.930	21.481	34.501	36.108	27.198	29.770	36.796
9/17/12 17:40	38.950	39.048	33.372	9/17/12 17:40	37.932	21.483	34.501	36.115	27.200	29.770	36.787
9/17/12 18:00	38.694	38.714	33.368	9/17/12 18:00	37.921	21.467	34.494	36.101	27.191	29.765	36.777
9/17/12 18:20	38.745	38.731	33.365	9/17/12 18:20	37.925	21.476	34.487	36.101	27.193	29.765	36.768
9/17/12 18:40	38.526	38.413	33.360	9/17/12 18:40	37.932	21.483	34.478	36.101	27.198	29.768	36.756
9/17/12 19:00	38.430	38.305	33.344	9/17/12 19:00	37.925	21.478	34.471	36.089	27.191	29.758	36.731

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/17/12 19:20	38.407	38.279	33.389	9/17/12 19:20	37.921	21.485	34.485	36.082	27.200	29.770	36.717
9/17/12 19:40	38.377	38.251	33.349	9/17/12 19:40	37.932	21.495	34.461	36.089	27.200	29.763	36.698
9/17/12 20:00	38.349	38.223	33.332	9/17/12 20:00	37.939	21.504	34.447	36.092	27.198	29.756	36.677
9/17/12 20:20	38.335	38.205	33.320	9/17/12 20:20	37.944	21.506	34.438	36.092	27.198	29.754	36.658
9/17/12 20:40	38.321	38.191	33.314	9/17/12 20:40	37.956	21.518	34.436	36.101	27.205	29.756	36.647
9/17/12 21:00	38.311	38.184	33.309	9/17/12 21:00	37.958	21.516	34.431	36.103	27.207	29.756	36.637
9/17/12 21:20	38.311	38.179	33.307	9/17/12 21:20	37.965	21.523	34.431	36.106	27.210	29.758	36.630
9/17/12 21:40	38.311	38.179	33.307	9/17/12 21:40	37.967	21.530	34.429	36.108	27.214	29.758	36.625
9/17/12 22:00	38.302	38.172	33.302	9/17/12 22:00	37.962	21.527	34.419	36.101	27.207	29.754	36.618
9/17/12 22:20	38.300	38.167	33.300	9/17/12 22:20	37.962	21.527	34.419	36.101	27.207	29.751	36.616
9/17/12 22:40	38.295	38.165	33.302	9/17/12 22:40	37.972	21.534	34.422	36.108	27.217	29.758	36.616
9/17/12 23:00	38.297	38.165	33.304	9/17/12 23:00	37.976	21.546	34.424	36.110	27.221	29.763	36.618
9/17/12 23:20	38.293	38.163	33.304	9/17/12 23:20	37.979	21.551	34.424	36.110	27.224	29.765	36.616
9/17/12 23:40	38.297	38.163	33.307	9/17/12 23:40	37.981	21.553	34.426	36.113	27.226	29.765	36.618
9/18/12 0:00	38.288	38.156	33.302	9/18/12 0:00	37.972	21.546	34.417	36.103	27.219	29.761	36.614
9/18/12 0:20	38.293	38.158	33.302	9/18/12 0:20	37.976	21.548	34.422	36.108	27.224	29.761	36.614
9/18/12 0:40	38.286	38.158	33.302	9/18/12 0:40	37.969	21.546	34.419	36.103	27.219	29.761	36.611
9/18/12 1:00	38.283	38.151	33.297	9/18/12 1:00	37.965	21.541	34.415	36.101	27.217	29.756	36.611
9/18/12 1:20	38.281	38.149	33.297	9/18/12 1:20	37.960	21.539	34.412	36.096	27.214	29.754	36.607
9/18/12 1:40	38.279	38.146	33.292	9/18/12 1:40	37.956	21.541	34.410	36.092	27.212	29.751	36.604
9/18/12 2:00	38.279	38.146	33.292	9/18/12 2:00	37.958	21.541	34.408	36.092	27.214	29.751	36.604
9/18/12 2:20	38.274	38.144	33.290	9/18/12 2:20	37.958	21.539	34.410	36.089	27.214	29.751	36.602
9/18/12 2:40	38.274	38.142	33.292	9/18/12 2:40	37.956	21.546	34.408	36.089	27.214	29.751	36.600
9/18/12 3:00	38.267	38.137	33.285	9/18/12 3:00	37.949	21.541	34.403	36.085	27.210	29.747	36.597
9/18/12 3:20	38.288	38.160	33.403	9/18/12 3:20	37.944	21.537	34.450	36.080	27.226	29.765	36.597
9/18/12 3:40	38.276	38.146	33.316	9/18/12 3:40	37.937	21.534	34.419	36.075	27.212	29.756	36.607
9/18/12 4:00	38.269	38.139	33.297	9/18/12 4:00	37.937	21.532	34.408	36.073	27.210	29.749	36.602
9/18/12 4:20	38.262	38.132	33.288	9/18/12 4:20	37.932	21.530	34.401	36.068	27.203	29.744	36.595
9/18/12 4:40	38.258	38.128	33.278	9/18/12 4:40	37.925	21.527	34.394	36.066	27.198	29.737	36.586
9/18/12 5:00	38.258	38.125	33.274	9/18/12 5:00	37.923	21.527	34.389	36.061	27.196	29.733	36.581
9/18/12 5:20	38.251	38.121	33.271	9/18/12 5:20	37.925	21.534	34.387	36.061	27.196	29.733	36.576
9/18/12 5:40	38.248	38.116	33.267	9/18/12 5:40	37.923	21.539	34.385	36.061	27.193	29.730	36.574
9/18/12 6:00	38.248	38.116	33.271	9/18/12 6:00	37.932	21.546	34.387	36.071	27.200	29.735	36.574
9/18/12 6:20	38.246	38.116	33.269	9/18/12 6:20	37.932	21.541	34.387	36.066	27.200	29.735	36.569

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/18/12 6:40	38.251	38.116	33.271	9/18/12 6:40	37.935	21.541	34.389	36.071	27.203	29.737	36.569
9/18/12 7:00	38.251	38.121	33.271	9/18/12 7:00	37.932	21.548	34.387	36.068	27.203	29.737	36.569
9/18/12 7:20	38.248	38.116	33.267	9/18/12 7:20	37.930	21.548	34.385	36.066	27.200	29.733	36.567
9/18/12 7:40	38.248	38.114	33.269	9/18/12 7:40	37.937	21.551	34.387	36.068	27.205	29.735	36.569
9/18/12 8:00	38.246	38.116	33.269	9/18/12 8:00	37.937	21.553	34.387	36.071	27.205	29.740	36.569
9/18/12 8:20	38.246	38.114	33.271	9/18/12 8:20	37.939	21.555	34.389	36.071	27.207	29.742	36.569
9/18/12 8:40	38.246	38.118	33.274	9/18/12 8:40	37.935	21.548	34.389	36.068	27.205	29.737	36.572
9/18/12 9:00	38.265	38.132	33.503	9/18/12 9:00	37.937	21.558	34.459	36.071	27.228	29.749	36.574
9/18/12 9:20	38.265	38.137	33.320	9/18/12 9:20	37.932	21.553	34.419	36.066	27.219	29.758	36.593
9/18/12 9:40	38.267	38.137	33.304	9/18/12 9:40	37.942	21.560	34.415	36.075	27.224	29.758	36.597
9/18/12 10:00	38.265	38.135	33.297	9/18/12 10:00	37.944	21.572	34.410	36.075	27.224	29.758	36.597
9/18/12 10:20	38.262	38.130	33.292	9/18/12 10:20	37.937	21.562	34.406	36.068	27.219	29.754	36.595
9/18/12 10:40	38.262	38.130	33.292	9/18/12 10:40	37.939	21.562	34.403	36.071	27.219	29.754	36.593
9/18/12 11:00	38.262	38.132	33.290	9/18/12 11:00	37.935	21.555	34.401	36.068	27.217	29.751	36.595
9/18/12 11:20	38.258	38.128	33.285	9/18/12 11:20	37.928	21.551	34.399	36.064	27.212	29.747	36.593
9/18/12 11:40	38.258	38.128	33.283	9/18/12 11:40	37.921	21.541	34.394	36.057	27.205	29.742	36.593
9/18/12 12:00	38.251	38.121	33.271	9/18/12 12:00	37.904	21.530	34.387	36.043	27.196	29.733	36.586
9/18/12 12:20	38.248	38.118	33.269	9/18/12 12:20	37.897	21.525	34.389	36.038	27.186	29.726	36.583
9/18/12 12:40	38.251	38.123	33.264	9/18/12 12:40	37.888	21.520	34.375	36.029	27.182	29.721	36.581
9/18/12 13:00	38.239	38.109	33.257	9/18/12 13:00	37.879	21.511	34.368	36.021	27.172	29.711	36.576
9/18/12 13:20	38.260	38.132	33.332	9/18/12 13:20	37.865	21.497	34.401	36.010	27.177	29.723	36.583
9/18/12 13:40	38.344	38.315	33.274	9/18/12 13:40	37.848	21.481	34.371	35.998	27.156	29.704	36.583
9/18/12 14:00	38.258	38.116	33.248	9/18/12 14:00	37.830	21.467	34.352	35.982	27.137	29.686	36.569
9/18/12 14:20	38.262	38.158	33.231	9/18/12 14:20	37.816	21.455	34.338	35.975	27.125	29.672	36.565
9/18/12 14:40	38.430	38.436	33.222	9/18/12 14:40	37.804	21.444	34.331	35.968	27.116	29.662	36.558
9/18/12 15:00	38.265	38.149	33.217	9/18/12 15:00	37.799	21.441	34.326	35.963	27.107	29.655	36.558
9/18/12 15:20	38.367	38.385	33.208	9/18/12 15:20	37.788	21.432	34.319	35.956	27.095	29.646	36.553
9/18/12 15:40	38.300	38.207	33.201	9/18/12 15:40	37.776	21.427	34.312	35.947	27.086	29.637	36.551
9/18/12 16:00	38.234	38.109	33.192	9/18/12 16:00	37.767	21.418	34.301	35.937	27.074	29.627	36.544
9/18/12 16:20	38.363	38.272	33.180	9/18/12 16:20	37.758	21.411	34.291	35.928	27.065	29.616	36.532
9/18/12 16:40	38.351	38.350	33.170	9/18/12 16:40	37.748	21.404	34.284	35.926	27.055	29.606	36.520
9/18/12 17:00	38.248	38.097	33.163	9/18/12 17:00	37.746	21.397	34.273	35.921	27.048	29.602	36.516
9/18/12 17:20	38.188	38.064	33.154	9/18/12 17:20	37.741	21.399	34.266	35.916	27.041	29.592	36.504
9/18/12 17:40	38.164	38.036	33.147	9/18/12 17:40	37.741	21.399	34.259	35.916	27.037	29.585	36.490

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/18/12 18:00	38.146	38.015	33.138	9/18/12 18:00	37.741	21.397	34.247	35.914	27.030	29.578	36.478
9/18/12 18:20	38.136	38.006	33.128	9/18/12 18:20	37.746	21.402	34.242	35.916	27.027	29.574	36.466
9/18/12 18:40	38.122	37.992	33.121	9/18/12 18:40	37.744	21.399	34.233	35.912	27.023	29.569	36.455
9/18/12 19:00	38.139	38.011	33.187	9/18/12 19:00	37.744	21.402	34.266	35.914	27.034	29.588	36.459
9/18/12 19:20	38.127	37.997	33.145	9/18/12 19:20	37.748	21.399	34.247	35.916	27.025	29.574	36.457
9/18/12 19:40	38.118	37.985	33.126	9/18/12 19:40	37.751	21.395	34.235	35.919	27.020	29.567	36.448
9/18/12 20:00	38.113	37.983	33.117	9/18/12 20:00	37.753	21.402	34.228	35.921	27.018	29.562	36.441
9/18/12 20:20	38.108	37.976	33.114	9/18/12 20:20	37.758	21.409	34.226	35.926	27.018	29.562	36.436
9/18/12 20:40	38.108	37.978	33.112	9/18/12 20:40	37.769	21.416	34.224	35.933	27.020	29.562	36.434
9/18/12 21:00	38.104	37.973	33.109	9/18/12 21:00	37.774	21.411	34.224	35.935	27.020	29.562	36.431
9/18/12 21:20	38.106	37.973	33.107	9/18/12 21:20	37.776	21.413	34.224	35.940	27.020	29.557	36.429
9/18/12 21:40	38.106	37.976	33.107	9/18/12 21:40	37.783	21.420	34.221	35.942	27.023	29.560	36.429
9/18/12 22:00	38.106	37.973	33.107	9/18/12 22:00	37.788	21.416	34.221	35.944	27.023	29.560	36.427
9/18/12 22:20	38.127	37.994	33.262	9/18/12 22:20	37.795	21.430	34.275	35.949	27.041	29.576	36.431
9/18/12 22:40	38.127	37.997	33.147	9/18/12 22:40	37.797	21.425	34.249	35.951	27.034	29.581	36.445
9/18/12 23:00	38.122	37.992	33.131	9/18/12 23:00	37.804	21.427	34.235	35.956	27.034	29.574	36.448
9/18/12 23:20	38.122	37.992	33.126	9/18/12 23:20	37.806	21.430	34.235	35.958	27.032	29.574	36.445
9/18/12 23:40	38.120	37.990	33.121	9/18/12 23:40	37.809	21.425	34.235	35.961	27.030	29.571	36.445
9/19/12 0:00	38.123	37.992	33.119	9/19/12 0:00	37.809	21.430	34.233	35.961	27.030	29.571	36.443
9/19/12 0:20	38.125	37.997	33.114	9/19/12 0:20	37.806	21.420	34.228	35.958	27.025	29.564	36.443
9/19/12 0:40	38.122	37.990	33.114	9/19/12 0:40	37.806	21.427	34.226	35.956	27.023	29.564	36.441
9/19/12 1:00	38.120	37.987	33.112	9/19/12 1:00	37.806	21.416	34.224	35.956	27.020	29.560	36.441
9/19/12 1:20	38.120	37.985	33.110	9/19/12 1:20	37.804	21.413	34.219	35.956	27.016	29.557	36.438
9/19/12 1:40	38.120	37.990	33.107	9/19/12 1:40	37.806	21.418	34.219	35.956	27.018	29.557	36.438
9/19/12 2:00	38.115	37.985	33.105	9/19/12 2:00	37.806	21.413	34.219	35.958	27.013	29.555	36.436
9/19/12 2:20	38.115	37.985	33.105	9/19/12 2:20	37.809	21.416	34.217	35.958	27.013	29.555	36.436
9/19/12 2:40	38.108	37.978	33.102	9/19/12 2:40	37.806	21.411	34.212	35.956	27.009	29.550	36.431
9/19/12 3:00	38.111	37.980	33.100	9/19/12 3:00	37.809	21.406	34.210	35.956	27.009	29.548	36.429
9/19/12 3:20	38.106	37.976	33.098	9/19/12 3:20	37.806	21.411	34.208	35.956	27.004	29.543	36.427
9/19/12 3:40	38.106	37.973	33.095	9/19/12 3:40	37.809	21.411	34.205	35.956	27.004	29.541	36.424
9/19/12 4:00	38.101	37.969	33.091	9/19/12 4:00	37.806	21.406	34.203	35.956	26.999	29.541	36.420
9/19/12 4:20	38.097	37.966	33.093	9/19/12 4:20	37.806	21.404	34.240	35.956	27.002	29.539	36.417
9/19/12 4:40	38.118	37.990	33.145	9/19/12 4:40	37.806	21.406	34.235	35.954	27.011	29.557	36.431
9/19/12 5:00	38.108	37.976	33.116	9/19/12 5:00	37.811	21.409	34.219	35.958	27.006	29.550	36.431

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/19/12 5:20	38.104	37.973	33.102	9/19/12 5:20	37.811	21.404	34.212	35.961	27.004	29.543	36.424
9/19/12 5:40	38.097	37.966	33.093	9/19/12 5:40	37.809	21.395	34.203	35.956	26.997	29.541	36.417
9/19/12 6:00	38.099	37.966	33.091	9/19/12 6:00	37.818	21.413	34.203	35.963	27.002	29.539	36.415
9/19/12 6:20	38.099	37.966	33.091	9/19/12 6:20	37.820	21.418	34.201	35.965	27.002	29.539	36.413
9/19/12 6:40	38.101	37.969	33.088	9/19/12 6:40	37.827	21.420	34.203	35.970	27.004	29.543	36.413
9/19/12 7:00	38.099	37.966	33.091	9/19/12 7:00	37.830	21.411	34.201	35.970	27.004	29.541	36.410
9/19/12 7:20	38.099	37.969	33.088	9/19/12 7:20	37.832	21.420	34.201	35.975	27.004	29.543	36.410
9/19/12 7:40	38.102	37.969	33.093	9/19/12 7:40	37.844	21.430	34.205	35.982	27.011	29.546	36.410
9/19/12 8:00	38.101	37.971	33.095	9/19/12 8:00	37.848	21.437	34.208	35.986	27.016	29.550	36.413
9/19/12 8:20	38.101	37.969	33.093	9/19/12 8:20	37.846	21.437	34.205	35.984	27.013	29.548	36.413
9/19/12 8:40	38.099	37.966	33.093	9/19/12 8:40	37.848	21.437	34.210	35.986	27.016	29.550	36.413
9/19/12 9:00	38.101	37.969	33.093	9/19/12 9:00	37.848	21.432	34.205	35.984	27.011	29.548	36.413
9/19/12 9:20	38.104	37.971	33.093	9/19/12 9:20	37.848	21.432	34.208	35.989	27.013	29.550	36.415
9/19/12 9:40	38.106	37.973	33.095	9/19/12 9:40	37.855	21.437	34.208	35.989	27.016	29.550	36.417
9/19/12 10:00	38.102	37.971	33.093	9/19/12 10:00	37.848	21.430	34.203	35.984	27.009	29.546	36.415
9/19/12 10:20	38.111	37.992	33.088	9/19/12 10:20	37.839	21.420	34.201	35.979	27.002	29.541	36.415
9/19/12 10:40	38.106	37.976	33.088	9/19/12 10:40	37.844	21.430	34.203	35.979	27.004	29.541	36.417
9/19/12 11:00	38.101	37.971	33.088	9/19/12 11:00	37.839	21.425	34.201	35.977	27.002	29.536	36.417
9/19/12 11:20	38.125	37.997	33.159	9/19/12 11:20	37.841	21.420	34.238	35.979	27.018	29.562	36.431
9/19/12 11:40	38.115	37.983	33.116	9/19/12 11:40	37.834	21.420	34.217	35.972	27.004	29.550	36.436
9/19/12 12:00	38.111	37.978	33.100	9/19/12 12:00	37.827	21.420	34.205	35.968	26.997	29.539	36.431
9/19/12 12:20	38.104	37.973	33.091	9/19/12 12:20	37.823	21.409	34.198	35.963	26.990	29.531	36.427
9/19/12 12:40	38.099	37.969	33.084	9/19/12 12:40	37.816	21.404	34.191	35.956	26.981	29.524	36.424
9/19/12 13:00	38.104	37.973	33.079	9/19/12 13:00	37.811	21.399	34.187	35.956	26.978	29.522	36.420
9/19/12 13:20	38.097	37.966	33.074	9/19/12 13:20	37.809	21.395	34.184	35.951	26.974	29.517	36.420
9/19/12 13:40	38.097	37.966	33.067	9/19/12 13:40	37.802	21.378	34.175	35.947	26.967	29.510	36.410
9/19/12 14:00	38.130	38.025	33.276	9/19/12 14:00	37.792	21.385	34.228	35.942	26.976	29.508	36.410
9/19/12 14:20	38.150	38.060	33.102	9/19/12 14:20	37.785	21.371	34.196	35.937	26.964	29.515	36.424
9/19/12 14:40	38.153	38.039	33.079	9/19/12 14:40	37.781	21.362	34.182	35.933	26.955	29.506	36.424
9/19/12 15:00	38.143	38.029	33.067	9/19/12 15:00	37.769	21.353	34.173	35.926	26.943	29.494	36.420
9/19/12 15:20	38.171	38.076	33.060	9/19/12 15:20	37.765	21.343	34.170	35.923	26.939	29.487	36.420
9/19/12 15:40	38.295	38.294	33.055	9/19/12 15:40	37.760	21.350	34.168	35.921	26.934	29.480	36.417
9/19/12 16:00	38.220	38.132	33.056	9/19/12 16:00	37.758	21.343	34.170	35.921	26.931	29.482	36.422
9/19/12 16:20	38.414	38.464	33.058	9/19/12 16:20	37.758	21.348	34.173	35.923	26.931	29.482	36.429

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/19/12 16:40	38.213	38.123	33.060	9/19/12 16:40	37.758	21.346	34.175	35.926	26.934	29.485	36.434
9/19/12 17:00	38.367	38.413	33.058	9/19/12 17:00	37.760	21.350	34.175	35.930	26.931	29.482	36.431
9/19/12 17:20	38.545	38.588	33.065	9/19/12 17:20	37.765	21.355	34.187	35.937	26.939	29.487	36.436
9/19/12 17:40	38.500	38.473	33.077	9/19/12 17:40	37.776	21.369	34.201	35.949	26.950	29.499	36.457
9/19/12 18:00	38.705	38.847	33.093	9/19/12 18:00	37.795	21.383	34.221	35.972	26.969	29.513	36.471
9/19/12 18:20	38.787	38.953	33.116	9/19/12 18:20	37.809	21.392	34.252	35.993	26.985	29.534	36.499
9/19/12 18:40	38.873	39.051	33.145	9/19/12 18:40	37.825	21.413	34.275	36.007	27.006	29.555	36.534
9/19/12 19:00	38.913	39.062	33.264	9/19/12 19:00	37.841	21.423	34.347	36.026	27.041	29.599	36.574
9/19/12 19:20	38.862	38.967	33.229	9/19/12 19:20	37.858	21.437	34.350	36.038	27.055	29.616	36.614
9/19/12 19:40	38.885	38.978	33.239	9/19/12 19:40	37.872	21.451	34.361	36.050	27.072	29.632	36.637
9/19/12 20:00	38.948	39.072	33.252	9/19/12 20:00	37.883	21.458	34.378	36.061	27.086	29.646	36.658
9/19/12 20:20	38.960	39.076	33.344	9/19/12 20:20	37.895	21.462	34.438	36.075	27.118	29.688	36.696
9/19/12 20:40	38.946	39.056	33.318	9/19/12 20:40	37.907	21.474	34.436	36.085	27.128	29.693	36.717
9/19/12 21:00	38.815	38.819	33.316	9/19/12 21:00	37.921	21.485	34.436	36.092	27.137	29.704	36.726
9/19/12 21:20	38.503	38.382	33.318	9/19/12 21:20	37.937	21.497	34.433	36.096	27.149	29.716	36.726
9/19/12 21:40	38.419	38.294	33.311	9/19/12 21:40	37.946	21.509	34.422	36.096	27.151	29.714	36.703
9/19/12 22:00	38.377	38.247	33.302	9/19/12 22:00	37.958	21.518	34.415	36.103	27.158	29.714	36.682
9/19/12 22:20	38.346	38.219	33.292	9/19/12 22:20	37.965	21.523	34.406	36.103	27.160	29.716	36.661
9/19/12 22:40	38.328	38.198	33.285	9/19/12 22:40	37.965	21.527	34.399	36.106	27.161	29.714	36.642
9/19/12 23:00	38.330	38.195	33.506	9/19/12 23:00	37.969	21.530	34.457	36.103	27.179	29.719	36.628
9/19/12 23:20	38.323	38.195	33.323	9/19/12 23:20	37.976	21.532	34.424	36.108	27.179	29.733	36.637
9/19/12 23:40	38.309	38.179	33.300	9/19/12 23:40	37.979	21.541	34.410	36.108	27.177	29.728	36.630
9/20/12 0:00	38.297	38.167	33.288	9/20/12 0:00	37.974	21.534	34.399	36.103	27.172	29.721	36.618
9/20/12 0:20	38.288	38.158	33.278	9/20/12 0:20	37.974	21.534	34.392	36.103	27.170	29.719	36.611
9/20/12 0:40	38.283	38.153	33.274	9/20/12 0:40	37.972	21.539	34.387	36.101	27.170	29.716	36.604
9/20/12 1:00	38.276	38.146	33.271	9/20/12 1:00	37.974	21.537	34.387	36.101	27.172	29.716	36.600
9/20/12 1:20	38.276	38.144	33.269	9/20/12 1:20	37.974	21.541	34.387	36.103	27.175	29.716	36.597
9/20/12 1:40	38.272	38.139	33.269	9/20/12 1:40	37.976	21.551	34.387	36.103	27.177	29.716	36.593
9/20/12 2:00	38.272	38.139	33.269	9/20/12 2:00	37.979	21.548	34.385	36.103	27.179	29.721	36.593
9/20/12 2:20	38.269	38.139	33.269	9/20/12 2:20	37.981	21.555	34.387	36.106	27.182	29.721	36.590
9/20/12 2:40	38.269	38.137	33.271	9/20/12 2:40	37.979	21.567	34.385	36.106	27.184	29.723	36.590
9/20/12 3:00	38.267	38.135	33.269	9/20/12 3:00	37.979	21.560	34.385	36.103	27.186	29.723	36.588
9/20/12 3:20	38.260	38.130	33.267	9/20/12 3:20	37.974	21.560	34.380	36.099	27.182	29.721	36.586
9/20/12 3:40	38.260	38.130	33.264	9/20/12 3:40	37.965	21.548	34.378	36.092	27.177	29.716	36.581

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/20/12 4:00	38.253	38.121	33.260	9/20/12 4:00	37.960	21.544	34.373	36.087	27.172	29.711	36.579
9/20/12 4:20	38.255	38.123	33.260	9/20/12 4:20	37.960	21.548	34.373	36.087	27.175	29.714	36.576
9/20/12 4:40	38.251	38.118	33.255	9/20/12 4:40	37.958	21.546	34.373	36.085	27.175	29.711	36.574
9/20/12 5:00	38.246	38.114	33.252	9/20/12 5:00	37.951	21.544	34.366	36.078	27.168	29.707	36.569
9/20/12 5:20	38.246	38.114	33.253	9/20/12 5:20	37.953	21.546	34.366	36.080	27.172	29.707	36.569
9/20/12 5:40	38.241	38.111	33.250	9/20/12 5:40	37.949	21.546	34.364	36.075	27.170	29.707	36.565
9/20/12 6:00	38.241	38.109	33.245	9/20/12 6:00	37.946	21.548	34.366	36.073	27.172	29.704	36.562
9/20/12 6:20	38.253	38.121	33.253	9/20/12 6:20	37.956	21.558	34.368	36.082	27.179	29.714	36.565
9/20/12 6:40	38.255	38.125	33.257	9/20/12 6:40	37.962	21.562	34.375	36.087	27.186	29.716	36.565
9/20/12 7:00	38.255	38.125	33.260	9/20/12 7:00	37.958	21.572	34.394	36.085	27.186	29.721	36.565
9/20/12 7:20	38.276	38.144	33.320	9/20/12 7:20	37.967	21.574	34.412	36.089	27.207	29.744	36.583
9/20/12 7:40	38.267	38.137	33.290	9/20/12 7:40	37.960	21.574	34.399	36.087	27.200	29.737	36.586
9/20/12 8:00	38.260	38.128	33.281	9/20/12 8:00	37.960	21.567	34.392	36.085	27.198	29.735	36.583
9/20/12 8:20	38.258	38.125	33.276	9/20/12 8:20	37.962	21.574	34.389	36.085	27.200	29.733	36.581
9/20/12 8:40	38.258	38.128	33.276	9/20/12 8:40	37.965	21.581	34.389	36.089	27.203	29.737	36.581
9/20/12 9:00	38.253	38.123	33.274	9/20/12 9:00	37.960	21.581	34.387	36.085	27.200	29.733	36.576
9/20/12 9:20	38.253	38.123	33.271	9/20/12 9:20	37.956	21.581	34.385	36.080	27.196	29.730	36.576
9/20/12 9:40	38.248	38.118	33.269	9/20/12 9:40	37.953	21.569	34.382	36.078	27.193	29.728	36.574
9/20/12 10:00	38.246	38.116	33.262	9/20/12 10:00	37.944	21.569	34.375	36.068	27.189	29.723	36.572
9/20/12 10:20	38.241	38.111	33.260	9/20/12 10:20	37.937	21.560	34.373	36.064	27.184	29.719	36.569
9/20/12 10:40	38.241	38.111	33.255	9/20/12 10:40	37.932	21.560	34.368	36.061	27.179	29.716	36.567
9/20/12 11:00	38.237	38.107	33.253	9/20/12 11:00	37.925	21.560	34.366	36.054	27.177	29.711	36.565
9/20/12 11:20	38.253	38.123	33.412	9/20/12 11:20	37.925	21.558	34.419	36.054	27.193	29.721	36.567
9/20/12 11:40	38.251	38.123	33.288	9/20/12 11:40	37.921	21.553	34.387	36.050	27.184	29.726	36.581
9/20/12 12:00	38.244	38.116	33.271	9/20/12 12:00	37.916	21.558	34.378	36.050	27.179	29.719	36.579
9/20/12 12:20	38.239	38.111	33.262	9/20/12 12:20	37.911	21.553	34.368	36.043	27.175	29.709	36.572
9/20/12 12:40	38.234	38.107	33.252	9/20/12 12:40	37.904	21.551	34.364	36.038	27.168	29.704	36.567
9/20/12 13:00	38.309	38.198	33.248	9/20/12 13:00	37.900	21.546	34.359	36.035	27.163	29.700	36.565
9/20/12 13:20	38.232	38.104	33.243	9/20/12 13:20	37.893	21.548	34.357	36.031	27.158	29.697	36.562
9/20/12 13:40	38.230	38.100	33.238	9/20/12 13:40	37.886	21.541	34.347	36.024	27.154	29.690	36.558
9/20/12 14:00	38.220	38.090	33.231	9/20/12 14:00	37.876	21.532	34.343	36.017	27.144	29.683	36.553
9/20/12 14:20	38.218	38.088	33.227	9/20/12 14:20	37.865	21.525	34.333	36.007	27.137	29.674	36.548
9/20/12 14:40	38.209	38.078	33.217	9/20/12 14:40	37.858	21.518	34.326	36.000	27.128	29.667	36.541
9/20/12 15:00	38.258	38.114	33.213	9/20/12 15:00	37.848	21.511	34.322	35.994	27.121	29.660	36.534

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/20/12 15:20	38.206	38.078	33.208	9/20/12 15:20	37.846	21.516	34.319	35.993	27.118	29.655	36.534
9/20/12 15:40	38.197	38.067	33.203	9/20/12 15:40	37.844	21.504	34.312	35.989	27.111	29.651	36.530
9/20/12 16:00	38.190	38.060	33.196	9/20/12 16:00	37.834	21.502	34.305	35.982	27.104	29.644	36.523
9/20/12 16:20	38.183	38.053	33.318	9/20/12 16:20	37.827	21.502	34.357	35.975	27.107	29.637	36.516
9/20/12 16:40	38.225	38.100	33.344	9/20/12 16:40	37.823	21.497	34.380	35.972	27.128	29.683	36.541
9/20/12 17:00	38.204	38.076	33.250	9/20/12 17:00	37.823	21.502	34.340	35.972	27.114	29.662	36.546
9/20/12 17:20	38.192	38.064	33.220	9/20/12 17:20	37.818	21.499	34.319	35.970	27.102	29.648	36.534
9/20/12 17:40	38.183	38.053	33.203	9/20/12 17:40	37.818	21.490	34.310	35.968	27.095	29.639	36.523
9/20/12 18:00	38.176	38.046	33.191	9/20/12 18:00	37.816	21.481	34.298	35.968	27.090	29.632	36.513
9/20/12 18:20	38.174	38.041	33.184	9/20/12 18:20	37.816	21.488	34.294	35.968	27.088	29.627	36.504
9/20/12 18:40	38.169	38.036	33.177	9/20/12 18:40	37.813	21.481	34.287	35.963	27.083	29.620	36.497
9/20/12 19:00	38.169	38.039	33.173	9/20/12 19:00	37.818	21.490	34.291	35.968	27.083	29.623	36.492
9/20/12 19:20	38.188	38.060	33.238	9/20/12 19:20	37.813	21.483	34.319	35.963	27.093	29.641	36.504
9/20/12 19:40	38.174	38.046	33.194	9/20/12 19:40	37.804	21.474	34.294	35.954	27.076	29.625	36.502
9/20/12 20:00	38.172	38.041	33.177	9/20/12 20:00	37.804	21.478	34.284	35.956	27.074	29.618	36.494
9/20/12 20:20	38.162	38.032	33.168	9/20/12 20:20	37.806	21.481	34.277	35.956	27.069	29.611	36.487
9/20/12 20:40	38.160	38.027	33.163	9/20/12 20:40	37.811	21.481	34.275	35.961	27.069	29.609	36.483
9/20/12 21:00	38.157	38.027	33.163	9/20/12 21:00	37.818	21.488	34.275	35.965	27.074	29.611	36.480
9/20/12 21:20	38.153	38.020	33.156	9/20/12 21:20	37.816	21.483	34.270	35.963	27.069	29.606	36.476
9/20/12 21:40	38.150	38.020	33.156	9/20/12 21:40	37.820	21.490	34.268	35.968	27.069	29.606	36.473
9/20/12 22:00	38.148	38.018	33.154	9/20/12 22:00	37.818	21.478	34.266	35.965	27.067	29.604	36.471
9/20/12 22:20	38.146	38.015	33.149	9/20/12 22:20	37.816	21.474	34.261	35.963	27.060	29.602	36.466
9/20/12 22:40	38.141	38.008	33.142	9/20/12 22:40	37.806	21.471	34.252	35.956	27.053	29.590	36.464
9/20/12 23:00	38.141	38.011	33.142	9/20/12 23:00	37.813	21.471	34.254	35.961	27.053	29.592	36.464
9/20/12 23:20	38.139	38.006	33.140	9/20/12 23:20	37.811	21.476	34.252	35.961	27.051	29.590	36.459
9/20/12 23:40	38.160	38.032	33.206	9/20/12 23:40	37.813	21.478	34.289	35.963	27.067	29.613	36.476
9/21/12 0:00	38.153	38.020	33.168	9/21/12 0:00	37.818	21.483	34.273	35.963	27.062	29.604	36.478
9/21/12 0:20	38.148	38.018	33.156	9/21/12 0:20	37.816	21.476	34.263	35.963	27.058	29.599	36.473
9/21/12 0:40	38.141	38.008	33.147	9/21/12 0:40	37.813	21.474	34.256	35.958	27.051	29.592	36.469
9/21/12 1:00	38.141	38.011	33.142	9/21/12 1:00	37.811	21.476	34.252	35.958	27.046	29.588	36.466
9/21/12 1:20	38.134	38.004	33.135	9/21/12 1:20	37.806	21.471	34.245	35.954	27.041	29.581	36.462
9/21/12 1:40	38.134	38.001	33.131	9/21/12 1:40	37.806	21.464	34.242	35.954	27.039	29.581	36.459
9/21/12 2:00	38.130	37.999	33.126	9/21/12 2:00	37.802	21.457	34.235	35.951	27.030	29.574	36.455
9/21/12 2:20	38.129	37.999	33.126	9/21/12 2:20	37.802	21.464	34.235	35.951	27.032	29.571	36.452

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/21/12 2:40	38.127	37.997	33.123	9/21/12 2:40	37.806	21.464	34.235	35.954	27.032	29.571	36.450
9/21/12 3:00	38.125	37.997	33.124	9/21/12 3:00	37.809	21.460	34.233	35.956	27.032	29.571	36.450
9/21/12 3:20	38.125	37.994	33.117	9/21/12 3:20	37.806	21.462	34.231	35.954	27.027	29.567	36.448
9/21/12 3:40	38.122	37.992	33.119	9/21/12 3:40	37.809	21.467	34.228	35.956	27.027	29.567	36.445
9/21/12 4:00	38.122	37.992	33.117	9/21/12 4:00	37.809	21.465	34.226	35.956	27.025	29.564	36.443
9/21/12 4:20	38.120	37.987	33.114	9/21/12 4:20	37.813	21.464	34.226	35.958	27.025	29.564	36.441
9/21/12 4:40	38.122	37.990	33.114	9/21/12 4:40	37.816	21.467	34.228	35.961	27.027	29.567	36.441
9/21/12 5:00	38.127	37.999	33.123	9/21/12 5:00	37.837	21.485	34.240	35.979	27.041	29.578	36.445
9/21/12 5:20	38.127	37.994	33.124	9/21/12 5:20	37.837	21.485	34.240	35.977	27.044	29.578	36.443
9/21/12 5:40	38.125	37.992	33.124	9/21/12 5:40	37.839	21.485	34.238	35.977	27.041	29.578	36.443
9/21/12 6:00	38.120	37.990	33.117	9/21/12 6:00	37.827	21.481	34.228	35.970	27.030	29.569	36.441
9/21/12 6:20	38.127	37.994	33.114	9/21/12 6:20	37.827	21.476	34.228	35.970	27.030	29.567	36.438
9/21/12 6:40	38.134	38.004	33.114	9/21/12 6:40	37.827	21.474	34.226	35.968	27.030	29.564	36.438
9/21/12 7:00	38.139	38.006	33.114	9/21/12 7:00	37.830	21.476	34.228	35.970	27.030	29.567	36.438
9/21/12 7:20	38.136	38.004	33.116	9/21/12 7:20	37.832	21.483	34.231	35.972	27.032	29.567	36.441
9/21/12 7:40	38.139	38.006	33.121	9/21/12 7:40	37.844	21.488	34.235	35.982	27.041	29.574	36.443
9/21/12 8:00	38.139	38.006	33.128	9/21/12 8:00	37.858	21.499	34.240	35.993	27.051	29.583	36.448
9/21/12 8:20	38.160	38.034	33.203	9/21/12 8:20	37.860	21.506	34.287	35.996	27.069	29.609	36.462
9/21/12 8:40	38.153	38.022	33.166	9/21/12 8:40	37.867	21.509	34.268	36.000	27.067	29.604	36.469
9/21/12 9:00	38.150	38.020	33.159	9/21/12 9:00	37.876	21.513	34.270	36.007	27.072	29.606	36.469
9/21/12 9:20	38.155	38.025	33.159	9/21/12 9:20	37.883	21.525	34.270	36.014	27.076	29.611	36.471
9/21/12 9:40	38.412	38.448	33.159	9/21/12 9:40	37.890	21.532	34.280	36.024	27.083	29.613	36.471
9/21/12 10:00	38.563	38.604	33.171	9/21/12 10:00	37.897	21.534	34.294	36.038	27.090	29.623	36.487
9/21/12 10:20	38.558	38.562	33.189	9/21/12 10:20	37.904	21.541	34.317	36.050	27.104	29.637	36.516
9/21/12 10:40	38.664	38.754	33.206	9/21/12 10:40	37.904	21.544	34.326	36.050	27.109	29.646	36.541
9/21/12 11:00	38.708	38.775	33.217	9/21/12 11:00	37.904	21.544	34.338	36.052	27.114	29.653	36.562
9/21/12 11:20	38.605	38.593	33.229	9/21/12 11:20	37.907	21.541	34.352	36.057	27.121	29.660	36.583
9/21/12 11:40	38.710	38.808	33.239	9/21/12 11:40	37.907	21.544	34.364	36.059	27.125	29.667	36.597
9/21/12 12:00	38.507	38.487	33.245	9/21/12 12:00	37.900	21.539	34.366	36.054	27.128	29.672	36.611
9/21/12 12:20	38.447	38.387	33.252	9/21/12 12:20	37.900	21.537	34.368	36.050	27.128	29.674	36.621
9/21/12 12:40	38.680	38.717	33.337	9/21/12 12:40	37.893	21.537	34.415	36.052	27.146	29.702	36.637
9/21/12 13:00	38.745	38.843	33.292	9/21/12 13:00	37.888	21.525	34.396	36.047	27.137	29.693	36.649
9/21/12 13:20	38.614	38.644	33.283	9/21/12 13:20	37.883	21.530	34.399	36.047	27.137	29.690	36.654
9/21/12 13:40	38.789	38.882	33.288	9/21/12 13:40	37.881	21.525	34.403	36.052	27.137	29.693	36.665

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/21/12 14:00	38.773	38.840	33.288	9/21/12 14:00	37.876	21.525	34.408	36.047	27.137	29.695	36.675
9/21/12 14:20	38.834	38.890	33.288	9/21/12 14:20	37.865	21.511	34.408	36.035	27.130	29.690	36.679
9/21/12 14:40	38.843	38.892	33.288	9/21/12 14:40	37.855	21.506	34.403	36.033	27.128	29.686	36.684
9/21/12 15:00	38.859	38.936	33.288	9/21/12 15:00	37.853	21.504	34.406	36.031	27.128	29.688	36.686
9/21/12 15:20	38.859	38.957	33.290	9/21/12 15:20	37.848	21.499	34.410	36.031	27.125	29.688	36.691
9/21/12 15:40	38.908	38.992	33.295	9/21/12 15:40	37.848	21.502	34.417	36.033	27.130	29.693	36.700
9/21/12 16:00	38.845	38.932	33.297	9/21/12 16:00	37.844	21.497	34.417	36.031	27.130	29.695	36.705
9/21/12 16:20	38.827	38.906	33.299	9/21/12 16:20	37.841	21.492	34.422	36.028	27.132	29.695	36.710
9/21/12 16:40	38.766	38.826	33.300	9/21/12 16:40	37.837	21.492	34.419	36.026	27.130	29.697	36.712
9/21/12 17:00	38.824	38.911	33.525	9/21/12 17:00	37.839	21.495	34.489	36.024	27.151	29.709	36.707
9/21/12 17:20	38.516	38.415	33.346	9/21/12 17:20	37.837	21.492	34.443	36.019	27.142	29.716	36.719
9/21/12 17:40	38.556	38.464	33.318	9/21/12 17:40	37.841	21.495	34.424	36.022	27.139	29.707	36.707
9/21/12 18:00	38.419	38.296	33.300	9/21/12 18:00	37.841	21.499	34.410	36.014	27.132	29.700	36.686
9/21/12 18:20	38.360	38.230	33.283	9/21/12 18:20	37.839	21.499	34.394	36.010	27.128	29.690	36.663
9/21/12 18:40	38.330	38.200	33.269	9/21/12 18:40	37.846	21.499	34.382	36.012	27.128	29.686	36.639
9/21/12 19:00	38.311	38.181	33.260	9/21/12 19:00	37.851	21.506	34.373	36.014	27.125	29.683	36.618
9/21/12 19:20	38.302	38.170	33.250	9/21/12 19:20	37.855	21.518	34.368	36.017	27.128	29.681	36.602
9/21/12 19:40	38.288	38.158	33.245	9/21/12 19:40	37.860	21.518	34.361	36.019	27.128	29.679	36.590
9/21/12 20:00	38.283	38.151	33.241	9/21/12 20:00	37.865	21.527	34.357	36.022	27.130	29.679	36.581
9/21/12 20:20	38.302	38.172	33.323	9/21/12 20:20	37.874	21.530	34.401	36.026	27.151	29.704	36.588
9/21/12 20:40	38.286	38.156	33.271	9/21/12 20:40	37.874	21.532	34.378	36.026	27.142	29.695	36.586
9/21/12 21:00	38.281	38.149	33.257	9/21/12 21:00	37.883	21.539	34.371	36.033	27.147	29.693	36.579
9/21/12 21:20	38.267	38.137	33.248	9/21/12 21:20	37.883	21.537	34.364	36.033	27.142	29.688	36.572
9/21/12 21:40	38.260	38.130	33.243	9/21/12 21:40	37.886	21.541	34.359	36.033	27.142	29.686	36.565
9/21/12 22:00	38.251	38.121	33.241	9/21/12 22:00	37.886	21.544	34.354	36.033	27.142	29.686	36.560
9/21/12 22:20	38.248	38.116	33.236	9/21/12 22:20	37.893	21.544	34.352	36.035	27.142	29.686	36.555
9/21/12 22:40	38.241	38.111	33.236	9/21/12 22:40	37.895	21.551	34.352	36.043	27.147	29.686	36.553
9/21/12 23:00	38.239	38.107	33.234	9/21/12 23:00	37.897	21.553	34.350	36.040	27.144	29.686	36.548
9/21/12 23:20	38.232	38.102	33.231	9/21/12 23:20	37.902	21.558	34.347	36.043	27.147	29.686	36.546
9/21/12 23:40	38.232	38.102	33.234	9/21/12 23:40	37.902	21.560	34.347	36.043	27.147	29.686	36.544
9/22/12 0:00	38.227	38.095	33.231	9/22/12 0:00	37.900	21.558	34.345	36.043	27.144	29.683	36.544
9/22/12 0:20	38.225	38.095	33.227	9/22/12 0:20	37.897	21.558	34.343	36.038	27.142	29.681	36.539
9/22/12 0:40	38.225	38.093	33.229	9/22/12 0:40	37.902	21.565	34.343	36.043	27.146	29.683	36.539
9/22/12 1:00	38.225	38.093	33.231	9/22/12 1:00	37.904	21.567	34.345	36.045	27.149	29.683	36.541

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/22/12 1:20	38.223	38.093	33.231	9/22/12 1:20	37.909	21.574	34.347	36.047	27.151	29.686	36.541
9/22/12 1:40	38.227	38.095	33.234	9/22/12 1:40	37.916	21.581	34.350	36.052	27.156	29.693	36.544
9/22/12 2:00	38.230	38.097	33.239	9/22/12 2:00	37.923	21.583	34.352	36.057	27.163	29.697	36.544
9/22/12 2:20	38.232	38.100	33.243	9/22/12 2:20	37.930	21.590	34.361	36.064	27.170	29.702	36.548
9/22/12 2:40	38.234	38.104	33.248	9/22/12 2:40	37.935	21.593	34.364	36.066	27.175	29.707	36.551
9/22/12 3:00	38.237	38.109	33.250	9/22/12 3:00	37.939	21.600	34.368	36.068	27.179	29.711	36.555
9/22/12 3:20	38.241	38.111	33.255	9/22/12 3:20	37.946	21.609	34.373	36.075	27.186	29.716	36.558
9/22/12 3:40	38.246	38.114	33.262	9/22/12 3:40	37.955	21.618	34.380	36.080	27.196	29.721	36.565
9/22/12 4:00	38.251	38.121	33.267	9/22/12 4:00	37.960	21.623	34.385	36.085	27.203	29.730	36.569
9/22/12 4:20	38.255	38.125	33.274	9/22/12 4:20	37.969	21.632	34.389	36.092	27.210	29.737	36.574
9/22/12 4:40	38.262	38.130	33.281	9/22/12 4:40	37.976	21.639	34.396	36.099	27.217	29.744	36.579
9/22/12 5:00	38.269	38.137	33.292	9/22/12 5:00	37.993	21.656	34.410	36.110	27.231	29.756	36.588
9/22/12 5:20	38.458	38.445	33.297	9/22/12 5:20	37.995	21.658	34.417	36.115	27.235	29.763	36.593
9/22/12 5:40	38.514	38.452	33.313	9/22/12 5:40	38.007	21.672	34.436	36.131	27.254	29.777	36.607
9/22/12 6:00	38.628	38.625	33.330	9/22/12 6:00	38.016	21.681	34.457	36.145	27.268	29.791	36.630
9/22/12 6:20	38.559	38.438	33.351	9/22/12 6:20	38.028	21.697	34.475	36.155	27.287	29.812	36.658
9/22/12 6:40	38.437	38.317	33.370	9/22/12 6:40	38.039	21.700	34.492	36.159	27.301	29.828	36.682
9/22/12 7:00	38.395	38.265	33.381	9/22/12 7:00	38.049	21.709	34.496	36.164	27.310	29.840	36.691
9/22/12 7:20	38.379	38.251	33.386	9/22/12 7:20	38.053	21.716	34.501	36.166	27.317	29.845	36.691
9/22/12 7:40	38.398	38.270	33.485	9/22/12 7:40	38.053	21.723	34.550	36.166	27.340	29.875	36.700
9/22/12 8:00	38.386	38.258	33.428	9/22/12 8:00	38.060	21.725	34.531	36.169	27.340	29.873	36.710
9/22/12 8:20	38.386	38.258	33.421	9/22/12 8:20	38.067	21.735	34.534	36.176	27.347	29.875	36.710
9/22/12 8:40	38.447	38.357	33.419	9/22/12 8:40	38.072	21.744	34.538	36.183	27.354	29.882	36.710
9/22/12 9:00	38.715	38.724	33.431	9/22/12 9:00	38.079	21.756	34.557	36.197	27.368	29.894	36.724
9/22/12 9:20	38.712	38.639	33.450	9/22/12 9:20	38.086	21.763	34.576	36.206	27.382	29.908	36.747
9/22/12 9:40	38.885	38.950	33.466	9/22/12 9:40	38.088	21.770	34.594	36.215	27.392	29.922	36.773
9/22/12 10:00	38.785	38.777	33.480	9/22/12 10:00	38.088	21.765	34.604	36.213	27.401	29.931	36.796
9/22/12 10:20	38.850	38.908	33.487	9/22/12 10:20	38.081	21.767	34.608	36.206	27.404	29.936	36.808
9/22/12 10:40	38.925	38.995	33.499	9/22/12 10:40	38.079	21.767	34.622	36.211	27.410	29.943	36.824
9/22/12 11:00	38.967	39.027	33.513	9/22/12 11:00	38.079	21.770	34.641	36.213	27.420	29.955	36.845
9/22/12 11:20	38.820	38.859	33.527	9/22/12 11:20	38.079	21.770	34.648	36.211	27.429	29.966	36.864
9/22/12 11:40	38.929	38.990	33.532	9/22/12 11:40	38.070	21.767	34.652	36.204	27.429	29.966	36.871
9/22/12 12:00	38.922	38.948	33.539	9/22/12 12:00	38.070	21.765	34.657	36.204	27.434	29.976	36.880
9/22/12 12:20	38.897	38.882	33.543	9/22/12 12:20	38.056	21.763	34.662	36.194	27.432	29.978	36.887

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/22/12 12:40	38.918	38.997	33.550	9/22/12 12:40	38.053	21.756	34.671	36.197	27.436	29.978	36.897
9/22/12 13:00	38.922	39.009	33.583	9/22/12 13:00	38.042	21.749	34.718	36.187	27.441	29.983	36.906
9/22/12 13:20	38.855	38.845	33.607	9/22/12 13:20	38.032	21.749	34.706	36.183	27.448	30.001	36.927
9/22/12 13:40	38.995	39.083	33.588	9/22/12 13:40	38.025	21.744	34.699	36.180	27.443	29.997	36.937
9/22/12 14:00	39.011	38.990	33.579	9/22/12 14:00	38.011	21.742	34.692	36.166	27.439	29.992	36.937
9/22/12 14:20	38.943	38.978	33.572	9/22/12 14:20	37.997	21.732	34.683	36.155	27.429	29.985	36.932
9/22/12 14:40	38.841	38.868	33.562	9/22/12 14:40	37.983	21.718	34.676	36.145	27.422	29.978	36.922
9/22/12 15:00	38.950	38.957	33.560	9/22/12 15:00	37.979	21.725	34.676	36.141	27.422	29.973	36.918
9/22/12 15:20	38.932	38.922	33.555	9/22/12 15:20	37.967	21.716	34.669	36.134	27.417	29.971	36.915
9/22/12 15:40	38.824	38.866	33.550	9/22/12 15:40	37.960	21.714	34.669	36.131	27.415	29.969	36.911
9/22/12 16:00	38.862	38.803	33.550	9/22/12 16:00	37.956	21.711	34.664	36.124	27.413	29.969	36.908
9/22/12 16:20	38.871	38.838	33.797	9/22/12 16:20	37.949	21.709	34.725	36.115	27.425	29.966	36.899
9/22/12 16:40	38.699	38.618	33.682	9/22/12 16:40	37.939	21.707	34.762	36.108	27.441	30.006	36.922
9/22/12 17:00	38.838	38.840	33.658	9/22/12 17:00	37.935	21.702	34.722	36.103	27.434	30.008	36.932
9/22/12 17:20	38.633	38.590	33.590	9/22/12 17:20	37.930	21.707	34.683	36.094	27.417	29.983	36.911
9/22/12 17:40	38.722	38.614	33.560	9/22/12 17:40	37.928	21.704	34.666	36.094	27.410	29.971	36.887
9/22/12 18:00	38.862	38.908	33.546	9/22/12 18:00	37.928	21.711	34.659	36.101	27.408	29.964	36.873
9/22/12 18:20	38.652	38.614	33.539	9/22/12 18:20	37.925	21.711	34.652	36.094	27.406	29.962	36.869
9/22/12 18:40	38.561	38.427	33.527	9/22/12 18:40	37.925	21.709	34.638	36.089	27.401	29.955	36.855
9/22/12 19:00	38.521	38.392	33.515	9/22/12 19:00	37.923	21.709	34.624	36.087	27.399	29.948	36.836
9/22/12 19:20	38.540	38.408	33.853	9/22/12 19:20	37.921	21.704	34.736	36.082	27.432	29.976	36.834
9/22/12 19:40	38.566	38.443	33.815	9/22/12 19:40	37.923	21.711	34.774	36.082	27.457	30.025	36.869
9/22/12 20:00	38.526	38.401	33.621	9/22/12 20:00	37.928	21.718	34.699	36.085	27.434	30.001	36.871
9/22/12 20:20	38.503	38.375	33.571	9/22/12 20:20	37.935	21.723	34.669	36.089	27.429	29.983	36.850
9/22/12 20:40	38.486	38.359	33.543	9/22/12 20:40	37.939	21.737	34.650	36.092	27.425	29.976	36.829
9/22/12 21:00	38.475	38.347	33.529	9/22/12 21:00	37.946	21.739	34.641	36.096	27.425	29.971	36.813
9/22/12 21:20	38.463	38.333	33.518	9/22/12 21:20	37.949	21.742	34.631	36.099	27.422	29.966	36.801
9/22/12 21:40	38.451	38.324	33.508	9/22/12 21:40	37.953	21.749	34.624	36.101	27.422	29.964	36.792
9/22/12 22:00	38.442	38.312	33.501	9/22/12 22:00	37.951	21.756	34.617	36.099	27.418	29.959	36.782
9/22/12 22:20	38.435	38.308	33.496	9/22/12 22:20	37.956	21.753	34.613	36.101	27.418	29.957	36.773
9/22/12 22:40	38.430	38.303	33.492	9/22/12 22:40	37.960	21.763	34.608	36.103	27.420	29.955	36.768
9/22/12 23:00	38.426	38.296	33.489	9/22/12 23:00	37.962	21.765	34.606	36.106	27.420	29.957	36.763
9/22/12 23:20	38.421	38.296	33.487	9/22/12 23:20	37.962	21.765	34.601	36.106	27.420	29.955	36.759
9/22/12 23:40	38.414	38.286	33.482	9/22/12 23:40	37.960	21.763	34.597	36.101	27.415	29.950	36.754

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/23/12 0:00	38.409	38.279	33.475	9/23/12 0:00	37.951	21.758	34.590	36.094	27.408	29.943	36.747
9/23/12 0:20	38.398	38.270	33.471	9/23/12 0:20	37.944	21.753	34.583	36.089	27.401	29.936	36.742
9/23/12 0:40	38.393	38.268	33.464	9/23/12 0:40	37.937	21.746	34.576	36.085	27.394	29.929	36.735
9/23/12 1:00	38.388	38.261	33.459	9/23/12 1:00	37.939	21.744	34.571	36.085	27.394	29.927	36.733
9/23/12 1:20	38.384	38.256	33.457	9/23/12 1:20	37.937	21.744	34.569	36.082	27.392	29.924	36.731
9/23/12 1:40	38.384	38.254	33.454	9/23/12 1:40	37.937	21.749	34.569	36.082	27.392	29.922	36.728
9/23/12 2:00	38.379	38.249	33.454	9/23/12 2:00	37.942	21.760	34.571	36.085	27.394	29.924	36.726
9/23/12 2:20	38.379	38.254	33.452	9/23/12 2:20	37.939	21.758	34.566	36.082	27.392	29.924	36.724
9/23/12 2:40	38.374	38.247	33.450	9/23/12 2:40	37.939	21.756	34.573	36.082	27.392	29.922	36.721
9/23/12 3:00	38.395	38.268	33.510	9/23/12 3:00	37.939	21.756	34.597	36.082	27.404	29.943	36.735
9/23/12 3:20	38.384	38.256	33.475	9/23/12 3:20	37.932	21.751	34.578	36.078	27.394	29.929	36.735
9/23/12 3:40	38.379	38.251	33.461	9/23/12 3:40	37.930	21.746	34.571	36.075	27.390	29.922	36.731
9/23/12 4:00	38.377	38.251	33.457	9/23/12 4:00	37.935	21.753	34.569	36.078	27.392	29.922	36.728
9/23/12 4:20	38.377	38.247	33.454	9/23/12 4:20	37.935	21.758	34.564	36.078	27.390	29.920	36.726
9/23/12 4:40	38.370	38.242	33.447	9/23/12 4:40	37.928	21.753	34.559	36.071	27.383	29.915	36.719
9/23/12 5:00	38.370	38.240	33.442	9/23/12 5:00	37.925	21.753	34.555	36.071	27.380	29.910	36.717
9/23/12 5:20	38.365	38.235	33.440	9/23/12 5:20	37.923	21.749	34.552	36.068	27.375	29.906	36.714
9/23/12 5:40	38.365	38.235	33.440	9/23/12 5:40	37.928	21.758	34.552	36.071	27.383	29.908	36.714
9/23/12 6:00	38.365	38.235	33.440	9/23/12 6:00	37.932	21.765	34.552	36.073	27.380	29.910	36.712
9/23/12 6:20	38.360	38.233	33.438	9/23/12 6:20	37.921	21.751	34.545	36.066	27.373	29.906	36.710
9/23/12 6:40	38.356	38.228	33.431	9/23/12 6:40	37.914	21.739	34.538	36.057	27.366	29.896	36.705
9/23/12 7:00	38.353	38.223	33.426	9/23/12 7:00	37.909	21.732	34.536	36.057	27.361	29.891	36.700
9/23/12 7:20	38.351	38.223	33.426	9/23/12 7:20	37.914	21.746	34.536	36.059	27.361	29.891	36.700
9/23/12 7:40	38.349	38.221	33.424	9/23/12 7:40	37.914	21.749	34.531	36.057	27.361	29.891	36.698
9/23/12 8:00	38.349	38.219	33.421	9/23/12 8:00	37.914	21.751	34.536	36.059	27.364	29.889	36.696
9/23/12 8:20	38.353	38.223	33.428	9/23/12 8:20	37.928	21.767	34.541	36.068	27.373	29.896	36.700
9/23/12 8:40	38.356	38.228	33.433	9/23/12 8:40	37.939	21.777	34.548	36.078	27.383	29.906	36.703
9/23/12 9:00	38.363	38.235	33.440	9/23/12 9:00	37.953	21.791	34.555	36.089	27.394	29.917	36.707
9/23/12 9:20	38.365	38.237	33.494	9/23/12 9:20	37.962	21.800	34.615	36.096	27.408	29.922	36.710
9/23/12 9:40	38.388	38.263	33.506	9/23/12 9:40	37.965	21.795	34.599	36.099	27.418	29.948	36.731
9/23/12 10:00	38.381	38.256	33.478	9/23/12 10:00	37.962	21.800	34.585	36.099	27.413	29.943	36.731
9/23/12 10:20	38.379	38.249	33.464	9/23/12 10:20	37.953	21.781	34.571	36.087	27.401	29.929	36.726
9/23/12 10:40	38.372	38.244	33.452	9/23/12 10:40	37.946	21.784	34.562	36.082	27.394	29.922	36.721
9/23/12 11:00	38.437	38.385	33.447	9/23/12 11:00	37.942	21.779	34.557	36.080	27.390	29.915	36.717

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/23/12 11:20	38.400	38.310	33.443	9/23/12 11:20	37.937	21.770	34.552	36.075	27.383	29.910	36.714
9/23/12 11:40	38.400	38.284	33.438	9/23/12 11:40	37.930	21.767	34.552	36.073	27.380	29.908	36.714
9/23/12 12:00	38.575	38.628	33.438	9/23/12 12:00	37.925	21.765	34.555	36.073	27.378	29.903	36.714
9/23/12 12:20	38.442	38.371	33.440	9/23/12 12:20	37.921	21.763	34.552	36.066	27.376	29.906	36.719
9/23/12 12:40	38.542	38.413	33.438	9/23/12 12:40	37.914	21.758	34.547	36.064	27.366	29.901	36.721
9/23/12 13:00	38.542	38.427	33.431	9/23/12 13:00	37.900	21.749	34.543	36.052	27.359	29.891	36.719
9/23/12 13:20	38.451	38.371	33.426	9/23/12 13:20	37.888	21.742	34.538	36.045	27.347	29.882	36.717
9/23/12 13:40	38.472	38.427	33.421	9/23/12 13:40	37.874	21.730	34.527	36.035	27.340	29.873	36.717
9/23/12 14:00	38.472	38.415	33.529	9/23/12 14:00	37.865	21.718	34.566	36.024	27.345	29.882	36.719
9/23/12 14:20	38.614	38.602	33.438	9/23/12 14:20	37.853	21.714	34.536	36.017	27.329	29.873	36.724
9/23/12 14:40	38.579	38.600	33.794	9/23/12 14:40	37.846	21.707	34.643	36.012	27.357	29.889	36.728
9/23/12 15:00	38.659	38.742	33.586	9/23/12 15:00	37.839	21.704	34.627	36.012	27.359	29.922	36.770
9/23/12 15:20	38.661	38.576	33.558	9/23/12 15:20	37.834	21.700	34.622	36.012	27.354	29.915	36.789
9/23/12 15:40	38.607	38.625	33.494	9/23/12 15:40	37.827	21.693	34.590	36.005	27.338	29.894	36.787
9/23/12 16:00	38.530	38.462	33.466	9/23/12 16:00	37.820	21.686	34.566	35.998	27.326	29.877	36.775
9/23/12 16:20	38.600	38.478	33.450	9/23/12 16:20	37.813	21.679	34.552	35.993	27.317	29.868	36.763
9/23/12 16:40	38.659	38.649	33.433	9/23/12 16:40	37.802	21.686	34.541	35.986	27.305	29.859	36.754
9/23/12 17:00	38.545	38.513	33.426	9/23/12 17:00	37.802	21.674	34.534	35.986	27.298	29.849	36.749
9/23/12 17:20	38.475	38.368	33.419	9/23/12 17:20	37.802	21.672	34.529	35.984	27.296	29.847	36.745
9/23/12 17:40	38.526	38.431	33.410	9/23/12 17:40	37.799	21.674	34.520	35.982	27.291	29.840	36.733
9/23/12 18:00	38.652	38.667	33.398	9/23/12 18:00	37.797	21.667	34.513	35.979	27.284	29.831	36.721
9/23/12 18:20	38.603	38.581	33.499	9/23/12 18:20	37.802	21.676	34.557	35.984	27.303	29.852	36.724
9/23/12 18:40	38.437	38.319	33.429	9/23/12 18:40	37.806	21.676	34.529	35.986	27.296	29.845	36.731
9/23/12 19:00	38.393	38.268	33.410	9/23/12 19:00	37.811	21.688	34.517	35.986	27.294	29.840	36.719
9/23/12 19:20	38.365	38.240	33.396	9/23/12 19:20	37.818	21.690	34.506	35.989	27.289	29.835	36.705
9/23/12 19:40	38.346	38.219	33.386	9/23/12 19:40	37.823	21.681	34.494	35.991	27.287	29.831	36.691
9/23/12 20:00	38.335	38.207	33.377	9/23/12 20:00	37.827	21.695	34.489	35.993	27.287	29.826	36.677
9/23/12 20:20	38.328	38.200	33.375	9/23/12 20:20	37.834	21.693	34.487	36.000	27.287	29.826	36.670
9/23/12 20:40	38.321	38.193	33.370	9/23/12 20:40	37.839	21.697	34.480	36.000	27.287	29.824	36.661
9/23/12 21:00	38.328	38.198	33.365	9/23/12 21:00	37.844	21.702	34.478	36.008	27.287	29.824	36.654
9/23/12 21:20	38.328	38.198	33.360	9/23/12 21:20	37.841	21.695	34.471	36.003	27.280	29.817	36.649
9/23/12 21:40	38.321	38.191	33.358	9/23/12 21:40	37.841	21.693	34.466	36.003	27.277	29.814	36.644
9/23/12 22:00	38.314	38.184	33.353	9/23/12 22:00	37.844	21.695	34.464	36.003	27.277	29.812	36.642
9/23/12 22:20	38.304	38.177	33.351	9/23/12 22:20	37.846	21.693	34.464	36.005	27.275	29.807	36.637

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/23/12 22:40	38.297	38.170	33.346	9/23/12 22:40	37.846	21.690	34.457	36.003	27.270	29.805	36.632
9/23/12 23:00	38.290	38.163	33.342	9/23/12 23:00	37.846	21.690	34.452	36.003	27.266	29.803	36.628
9/23/12 23:20	38.286	38.156	33.335	9/23/12 23:20	37.844	21.688	34.447	36.000	27.261	29.796	36.621
9/23/12 23:40	38.279	38.151	33.332	9/23/12 23:40	37.844	21.686	34.443	36.000	27.259	29.793	36.618
9/24/12 0:00	38.272	38.144	33.325	9/24/12 0:00	37.839	21.676	34.433	35.996	27.249	29.786	36.611
9/24/12 0:20	38.265	38.139	33.318	9/24/12 0:20	37.837	21.674	34.426	35.993	27.242	29.779	36.604
9/24/12 0:40	38.262	38.132	33.314	9/24/12 0:40	37.832	21.669	34.422	35.989	27.238	29.775	36.600
9/24/12 1:00	38.253	38.125	33.307	9/24/12 1:00	37.827	21.669	34.415	35.986	27.233	29.768	36.595
9/24/12 1:20	38.248	38.121	33.300	9/24/12 1:20	37.823	21.660	34.408	35.982	27.226	29.761	36.588
9/24/12 1:40	38.244	38.116	33.297	9/24/12 1:40	37.825	21.663	34.406	35.982	27.224	29.758	36.586
9/24/12 2:00	38.239	38.111	33.292	9/24/12 2:00	37.823	21.667	34.403	35.982	27.221	29.754	36.581
9/24/12 2:20	38.237	38.109	33.290	9/24/12 2:20	37.827	21.665	34.401	35.982	27.219	29.751	36.576
9/24/12 2:40	38.253	38.123	33.447	9/24/12 2:40	37.823	21.658	34.452	35.979	27.233	29.761	36.576
9/24/12 3:00	38.246	38.118	33.323	9/24/12 3:00	37.818	21.660	34.417	35.977	27.219	29.761	36.586
9/24/12 3:20	38.237	38.109	33.297	9/24/12 3:20	37.816	21.651	34.403	35.972	27.210	29.747	36.581
9/24/12 3:40	38.230	38.102	33.283	9/24/12 3:40	37.809	21.639	34.389	35.968	27.198	29.737	36.574
9/24/12 4:00	38.220	38.090	33.274	9/24/12 4:00	37.797	21.642	34.378	35.958	27.186	29.723	36.565
9/24/12 4:20	38.213	38.088	33.262	9/24/12 4:20	37.792	21.632	34.371	35.954	27.177	29.716	36.558
9/24/12 4:40	38.206	38.081	33.255	9/24/12 4:40	37.788	21.628	34.361	35.949	27.170	29.707	36.551
9/24/12 5:00	38.202	38.074	33.245	9/24/12 5:00	37.781	21.616	34.352	35.942	27.158	29.697	36.544
9/24/12 5:20	38.197	38.071	33.243	9/24/12 5:20	37.783	21.621	34.347	35.944	27.158	29.695	36.539
9/24/12 5:40	38.195	38.067	33.236	9/24/12 5:40	37.781	21.609	34.343	35.942	27.153	29.690	36.534
9/24/12 6:00	38.188	38.057	33.229	9/24/12 6:00	37.778	21.607	34.338	35.940	27.149	29.683	36.530
9/24/12 6:20	38.185	38.057	33.227	9/24/12 6:20	37.778	21.609	34.336	35.940	27.144	29.681	36.525
9/24/12 6:40	38.183	38.057	33.220	9/24/12 6:40	37.774	21.602	34.326	35.935	27.137	29.674	36.520
9/24/12 7:00	38.181	38.055	33.215	9/24/12 7:00	37.769	21.602	34.322	35.930	27.130	29.667	36.516
9/24/12 7:20	38.181	38.053	33.210	9/24/12 7:20	37.769	21.595	34.319	35.930	27.125	29.662	36.513
9/24/12 7:40	38.176	38.048	33.208	9/24/12 7:40	37.769	21.595	34.315	35.933	27.125	29.660	36.509
9/24/12 8:00	38.174	38.046	33.206	9/24/12 8:00	37.774	21.597	34.312	35.937	27.123	29.658	36.509
9/24/12 8:20	38.169	38.041	33.201	9/24/12 8:20	37.776	21.600	34.310	35.937	27.121	29.655	36.504
9/24/12 8:40	38.165	38.036	33.196	9/24/12 8:40	37.769	21.588	34.303	35.930	27.111	29.648	36.499
9/24/12 9:00	38.157	38.029	33.189	9/24/12 9:00	37.767	21.588	34.296	35.926	27.104	29.641	36.492
9/24/12 9:20	38.153	38.025	33.182	9/24/12 9:20	37.760	21.581	34.289	35.919	27.095	29.634	36.487
9/24/12 9:40	38.146	38.020	33.177	9/24/12 9:40	37.758	21.576	34.284	35.919	27.090	29.627	36.480

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/24/12 10:00	38.144	38.015	33.171	9/24/12 10:00	37.758	21.574	34.275	35.919	27.083	29.620	36.478
9/24/12 10:20	38.153	38.025	33.365	9/24/12 10:20	37.753	21.567	34.326	35.916	27.093	29.625	36.473
9/24/12 10:40	38.146	38.020	33.201	9/24/12 10:40	37.744	21.567	34.289	35.909	27.079	29.623	36.480
9/24/12 11:00	38.136	38.008	33.173	9/24/12 11:00	37.741	21.558	34.268	35.905	27.067	29.611	36.473
9/24/12 11:20	38.125	37.999	33.159	9/24/12 11:20	37.737	21.555	34.259	35.900	27.055	29.599	36.466
9/24/12 11:40	38.118	37.990	33.145	9/24/12 11:40	37.732	21.551	34.252	35.898	27.048	29.588	36.455
9/24/12 12:00	38.111	37.983	33.135	9/24/12 12:00	37.730	21.541	34.240	35.898	27.039	29.583	36.445
9/24/12 12:20	38.104	37.976	33.126	9/24/12 12:20	37.727	21.541	34.233	35.893	27.032	29.571	36.438
9/24/12 12:40	38.099	37.969	33.119	9/24/12 12:40	37.725	21.537	34.224	35.891	27.025	29.567	36.429
9/24/12 13:00	38.087	37.962	33.107	9/24/12 13:00	37.713	21.525	34.214	35.881	27.011	29.553	36.420
9/24/12 13:20	38.085	37.957	33.100	9/24/12 13:20	37.716	21.523	34.208	35.884	27.009	29.548	36.413
9/24/12 13:40	38.076	37.948	33.093	9/24/12 13:40	37.711	21.516	34.196	35.877	26.995	29.539	36.406
9/24/12 14:00	38.066	37.938	33.079	9/24/12 14:00	37.697	21.506	34.184	35.870	26.983	29.524	36.399
9/24/12 14:20	38.055	37.929	33.067	9/24/12 14:20	37.685	21.492	34.170	35.860	26.967	29.510	36.385
9/24/12 14:40	38.050	37.922	33.058	9/24/12 14:40	37.683	21.495	34.161	35.858	26.960	29.501	36.378
9/24/12 15:00	38.041	37.915	33.051	9/24/12 15:00	37.676	21.485	34.154	35.853	26.950	29.492	36.368
9/24/12 15:20	38.038	37.910	33.044	9/24/12 15:20	37.683	21.488	34.161	35.856	26.950	29.489	36.364
9/24/12 15:40	38.055	37.927	33.098	9/24/12 15:40	37.685	21.492	34.182	35.860	26.960	29.508	36.375
9/24/12 16:00	38.045	37.915	33.065	9/24/12 16:00	37.690	21.492	34.163	35.863	26.953	29.496	36.373
9/24/12 16:20	38.038	37.910	33.051	9/24/12 16:20	37.690	21.488	34.154	35.865	26.945	29.489	36.364
9/24/12 16:40	38.290	38.275	33.046	9/24/12 16:40	37.697	21.504	34.161	35.874	26.950	29.485	36.361
9/24/12 17:00	38.213	38.144	33.046	9/24/12 17:00	37.702	21.488	34.156	35.879	26.943	29.487	36.366
9/24/12 17:20	38.384	38.389	33.049	9/24/12 17:20	37.702	21.483	34.163	35.881	26.946	29.485	36.375
9/24/12 17:40	38.372	38.413	33.058	9/24/12 17:40	37.704	21.485	34.170	35.888	26.943	29.487	36.389
9/24/12 18:00	38.316	38.244	33.065	9/24/12 18:00	37.706	21.485	34.177	35.891	26.950	29.494	36.408
9/24/12 18:20	38.276	38.221	33.070	9/24/12 18:20	37.711	21.483	34.187	35.898	26.952	29.496	36.420
9/24/12 18:40	38.213	38.132	33.072	9/24/12 18:40	37.709	21.490	34.184	35.891	26.948	29.496	36.427
9/24/12 19:00	38.127	38.006	33.070	9/24/12 19:00	37.713	21.485	34.177	35.888	26.948	29.496	36.424
9/24/12 19:20	38.104	37.976	33.063	9/24/12 19:20	37.718	21.490	34.187	35.891	26.945	29.489	36.413
9/24/12 19:40	38.116	37.990	33.112	9/24/12 19:40	37.718	21.481	34.191	35.891	26.955	29.508	36.415
9/24/12 20:00	38.106	37.976	33.077	9/24/12 20:00	37.725	21.485	34.182	35.898	26.955	29.496	36.413
9/24/12 20:20	38.118	37.990	33.152	9/24/12 20:20	37.732	21.490	34.217	35.900	26.969	29.517	36.413
9/24/12 20:40	38.104	37.978	33.100	9/24/12 20:40	37.746	21.490	34.194	35.912	26.964	29.517	36.415
9/24/12 21:00	38.101	37.973	33.084	9/24/12 21:00	37.755	21.497	34.189	35.919	26.967	29.513	36.408

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/24/12 21:20	38.094	37.966	33.077	9/24/12 21:20	37.760	21.504	34.184	35.921	26.964	29.510	36.403
9/24/12 21:40	38.085	37.957	33.062	9/24/12 21:40	37.746	21.497	34.173	35.907	26.953	29.496	36.392
9/24/12 22:00	38.090	37.957	33.063	9/24/12 22:00	37.765	21.497	34.175	35.923	26.960	29.501	36.392
9/24/12 22:20	38.090	37.959	33.063	9/24/12 22:20	37.769	21.502	34.170	35.928	26.960	29.503	36.389
9/24/12 22:40	38.090	37.959	33.060	9/24/12 22:40	37.776	21.504	34.170	35.933	26.962	29.501	36.387
9/24/12 23:00	38.092	37.962	33.065	9/24/12 23:00	37.792	21.518	34.175	35.944	26.969	29.508	36.387
9/24/12 23:20	38.090	37.945	33.039	9/24/12 23:20	37.737	21.460	34.140	35.895	26.920	29.475	36.366
9/24/12 23:40	38.078	37.952	33.051	9/24/12 23:40	37.778	21.490	34.156	35.935	26.948	29.494	36.378
9/25/12 0:00	38.060	37.929	33.034	9/25/12 0:00	37.755	21.485	34.149	35.914	26.941	29.475	36.371
9/25/12 0:20	38.064	37.936	33.039	9/25/12 0:20	37.774	21.495	34.154	35.928	26.945	29.487	36.368
9/25/12 0:40	38.066	37.936	33.042	9/25/12 0:40	37.781	21.485	34.147	35.935	26.939	29.485	36.366
9/25/12 1:00	38.064	37.936	33.041	9/25/12 1:00	37.788	21.502	34.154	35.940	26.950	29.487	36.366
9/25/12 1:20	38.057	37.929	33.039	9/25/12 1:20	37.790	21.499	34.152	35.942	26.948	29.489	36.366
9/25/12 1:40	38.092	37.980	33.037	9/25/12 1:40	37.785	21.485	34.147	35.940	26.939	29.480	36.359
9/25/12 2:00	38.062	37.931	33.032	9/25/12 2:00	37.776	21.478	34.135	35.928	26.927	29.473	36.359
9/25/12 2:20	38.055	37.922	33.030	9/25/12 2:20	37.778	21.481	34.138	35.930	26.932	29.471	36.357
9/25/12 2:40	38.055	37.922	33.030	9/25/12 2:40	37.785	21.488	34.142	35.937	26.936	29.473	36.357
9/25/12 3:00	38.052	37.922	33.032	9/25/12 3:00	37.795	21.497	34.147	35.944	26.943	29.478	36.359
9/25/12 3:20	38.055	37.927	33.037	9/25/12 3:20	37.804	21.504	34.147	35.951	26.948	29.485	36.359
9/25/12 3:40	38.052	37.924	33.037	9/25/12 3:40	37.806	21.504	34.147	35.951	26.945	29.485	36.357
9/25/12 4:00	38.057	37.927	33.039	9/25/12 4:00	37.813	21.504	34.147	35.956	26.948	29.487	36.359
9/25/12 4:20	38.052	37.922	33.034	9/25/12 4:20	37.806	21.490	34.145	35.951	26.941	29.480	36.357
9/25/12 4:40	38.052	37.922	33.032	9/25/12 4:40	37.804	21.495	34.142	35.949	26.941	29.478	36.354
9/25/12 5:00	38.057	37.924	33.037	9/25/12 5:00	37.816	21.504	34.147	35.958	26.948	29.485	36.361
9/25/12 5:20	38.062	37.931	33.044	9/25/12 5:20	37.827	21.525	34.154	35.968	26.960	29.492	36.364
9/25/12 5:40	38.067	37.936	33.048	9/25/12 5:40	37.832	21.518	34.156	35.972	26.962	29.499	36.368
9/25/12 6:00	38.069	37.938	33.051	9/25/12 6:00	37.839	21.523	34.159	35.975	26.964	29.499	36.371
9/25/12 6:20	38.069	37.938	33.048	9/25/12 6:20	37.832	21.516	34.159	35.972	26.960	29.496	36.371
9/25/12 6:40	38.071	37.941	33.049	9/25/12 6:40	37.830	21.509	34.156	35.970	26.955	29.496	36.371
9/25/12 7:00	38.078	37.945	33.049	9/25/12 7:00	37.830	21.513	34.159	35.970	26.960	29.494	36.375
9/25/12 7:20	38.083	37.950	33.056	9/25/12 7:20	37.844	21.532	34.168	35.979	26.969	29.501	36.380
9/25/12 7:40	38.104	37.978	33.185	9/25/12 7:40	37.844	21.530	34.219	35.982	26.988	29.524	36.387
9/25/12 8:00	38.104	37.971	33.100	9/25/12 8:00	37.853	21.534	34.203	35.989	26.990	29.527	36.406
9/25/12 8:20	38.104	37.973	33.093	9/25/12 8:20	37.860	21.541	34.198	35.996	26.995	29.531	36.410

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/25/12 8:40	38.104	37.976	33.091	9/25/12 8:40	37.869	21.546	34.201	36.000	26.999	29.534	36.410
9/25/12 9:00	38.106	37.973	33.088	9/25/12 9:00	37.869	21.544	34.198	36.000	26.997	29.534	36.410
9/25/12 9:20	38.330	38.333	33.084	9/25/12 9:20	37.860	21.541	34.194	35.993	26.988	29.527	36.408
9/25/12 9:40	38.262	38.198	33.091	9/25/12 9:40	37.862	21.539	34.210	36.005	26.999	29.531	36.422
9/25/12 10:00	38.164	38.039	33.102	9/25/12 10:00	37.872	21.541	34.214	36.010	27.006	29.543	36.441
9/25/12 10:20	38.144	38.015	33.105	9/25/12 10:20	37.874	21.546	34.214	36.007	27.006	29.546	36.441
9/25/12 10:40	38.139	38.011	33.107	9/25/12 10:40	37.881	21.553	34.217	36.012	27.013	29.548	36.441
9/25/12 11:00	38.132	38.004	33.107	9/25/12 11:00	37.883	21.555	34.219	36.014	27.016	29.553	36.438
9/25/12 11:20	38.129	38.001	33.105	9/25/12 11:20	37.881	21.553	34.217	36.010	27.013	29.550	36.434
9/25/12 11:40	38.125	37.992	33.102	9/25/12 11:40	37.879	21.548	34.212	36.010	27.011	29.548	36.434
9/25/12 12:00	38.146	38.020	33.194	9/25/12 12:00	37.879	21.551	34.256	36.010	27.030	29.574	36.441
9/25/12 12:20	38.132	38.004	33.133	9/25/12 12:20	37.869	21.541	34.231	36.003	27.016	29.557	36.445
9/25/12 12:40	38.123	37.994	33.112	9/25/12 12:40	37.858	21.530	34.214	35.991	27.002	29.543	36.436
9/25/12 13:00	38.113	37.985	33.098	9/25/12 13:00	37.846	21.518	34.201	35.984	26.992	29.534	36.427
9/25/12 13:20	38.108	37.980	33.088	9/25/12 13:20	37.837	21.511	34.191	35.977	26.983	29.524	36.420
9/25/12 13:40	38.097	37.969	33.077	9/25/12 13:40	37.825	21.504	34.180	35.965	26.971	29.513	36.410
9/25/12 14:00	38.172	38.125	33.067	9/25/12 14:00	37.813	21.488	34.175	35.961	26.960	29.503	36.403
9/25/12 14:20	38.132	38.006	33.065	9/25/12 14:20	37.809	21.488	34.173	35.956	26.957	29.503	36.406
9/25/12 14:40	38.104	37.976	33.060	9/25/12 14:40	37.806	21.485	34.170	35.954	26.957	29.496	36.403
9/25/12 15:00	38.090	37.962	33.055	9/25/12 15:00	37.802	21.481	34.163	35.949	26.950	29.492	36.396
9/25/12 15:20	38.083	37.955	33.053	9/25/12 15:20	37.804	21.483	34.161	35.949	26.950	29.492	36.389
9/25/12 15:40	38.076	37.948	33.049	9/25/12 15:40	37.804	21.483	34.156	35.949	26.948	29.489	36.385
9/25/12 16:00	38.069	37.938	33.044	9/25/12 16:00	37.804	21.490	34.156	35.949	26.948	29.485	36.380
9/25/12 16:20	38.073	37.943	33.049	9/25/12 16:20	37.816	21.495	34.187	35.961	26.957	29.492	36.380
9/25/12 16:40	38.083	37.957	33.098	9/25/12 16:40	37.813	21.488	34.187	35.956	26.962	29.508	36.389
9/25/12 17:00	38.167	38.081	33.065	9/25/12 17:00	37.802	21.490	34.177	35.954	26.957	29.494	36.389
9/25/12 17:20	38.101	37.976	33.067	9/25/12 17:20	37.818	21.497	34.175	35.963	26.962	29.503	36.396
9/25/12 17:40	38.130	38.004	33.067	9/25/12 17:40	37.823	21.502	34.180	35.970	26.967	29.506	36.399
9/25/12 18:00	38.391	38.422	33.067	9/25/12 18:00	37.823	21.504	34.180	35.975	26.969	29.506	36.403
9/25/12 18:20	38.374	38.354	33.342	9/25/12 18:20	37.841	21.518	34.268	35.989	27.002	29.524	36.424
9/25/12 18:40	38.206	38.083	33.224	9/25/12 18:40	37.841	21.520	34.277	35.986	27.016	29.576	36.466
9/25/12 19:00	38.176	38.046	33.152	9/25/12 19:00	37.839	21.509	34.240	35.982	27.002	29.555	36.471
9/25/12 19:20	38.164	38.034	33.124	9/25/12 19:20	37.834	21.511	34.226	35.975	26.995	29.541	36.459
9/25/12 19:40	38.157	38.029	33.109	9/25/12 19:40	37.827	21.506	34.214	35.970	26.985	29.536	36.450

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/25/12 20:00	38.148	38.018	33.100	9/25/12 20:00	37.823	21.495	34.203	35.965	26.978	29.527	36.443
9/25/12 20:20	38.148	38.015	33.098	9/25/12 20:20	37.827	21.509	34.203	35.970	26.983	29.524	36.441
9/25/12 20:40	38.153	38.020	33.098	9/25/12 20:40	37.834	21.516	34.208	35.977	26.990	29.529	36.441
9/25/12 21:00	38.160	38.025	33.100	9/25/12 21:00	37.848	21.527	34.212	35.989	26.999	29.539	36.441
9/25/12 21:20	38.165	38.029	33.109	9/25/12 21:20	37.865	21.548	34.224	35.998	27.011	29.548	36.445
9/25/12 21:40	38.162	38.029	33.156	9/25/12 21:40	37.860	21.541	34.263	35.998	27.016	29.548	36.445
9/25/12 22:00	38.178	38.043	33.152	9/25/12 22:00	37.855	21.539	34.245	35.993	27.018	29.562	36.457
9/25/12 22:20	38.176	38.046	33.135	9/25/12 22:20	37.867	21.532	34.238	36.000	27.018	29.562	36.462
9/25/12 22:40	38.167	38.034	33.119	9/25/12 22:40	37.853	21.525	34.226	35.989	27.006	29.550	36.452
9/25/12 23:00	38.162	38.029	33.112	9/25/12 23:00	37.844	21.518	34.214	35.984	26.997	29.543	36.448
9/25/12 23:20	38.146	38.011	33.095	9/25/12 23:20	37.823	21.504	34.201	35.965	26.981	29.524	36.436
9/25/12 23:40	38.148	38.018	33.100	9/25/12 23:40	37.844	21.518	34.210	35.984	26.997	29.536	36.441
9/26/12 0:00	38.139	38.006	33.100	9/26/12 0:00	37.844	21.525	34.212	35.982	26.999	29.536	36.436
9/26/12 0:20	38.141	38.011	33.105	9/26/12 0:20	37.860	21.541	34.217	35.996	27.006	29.548	36.436
9/26/12 0:40	38.143	38.013	33.112	9/26/12 0:40	37.883	21.562	34.228	36.012	27.027	29.560	36.438
9/26/12 1:00	38.146	38.013	33.119	9/26/12 1:00	37.890	21.569	34.231	36.019	27.032	29.569	36.441
9/26/12 1:20	38.143	38.008	33.121	9/26/12 1:20	37.895	21.572	34.235	36.024	27.037	29.569	36.441
9/26/12 1:40	38.144	38.013	33.124	9/26/12 1:40	37.895	21.572	34.233	36.024	27.034	29.571	36.438
9/26/12 2:00	38.139	38.006	33.119	9/26/12 2:00	37.893	21.579	34.238	36.019	27.039	29.569	36.438
9/26/12 2:20	38.461	38.415	33.154	9/26/12 2:20	37.951	21.632	34.282	36.080	27.090	29.613	36.462
9/26/12 2:40	38.218	38.095	33.163	9/26/12 2:40	37.937	21.613	34.275	36.061	27.079	29.613	36.476
9/26/12 3:00	38.188	38.060	33.152	9/26/12 3:00	37.914	21.593	34.261	36.040	27.060	29.599	36.473
9/26/12 3:20	38.188	38.069	33.149	9/26/12 3:20	37.911	21.593	34.263	36.038	27.060	29.595	36.473
9/26/12 3:40	38.176	38.053	33.152	9/26/12 3:40	37.911	21.588	34.259	36.038	27.058	29.599	36.473
9/26/12 4:00	38.172	38.036	33.147	9/26/12 4:00	37.911	21.595	34.259	36.035	27.062	29.595	36.471
9/26/12 4:20	38.167	38.036	33.147	9/26/12 4:20	37.907	21.593	34.256	36.033	27.060	29.597	36.469
9/26/12 4:40	38.157	38.032	33.142	9/26/12 4:40	37.897	21.579	34.247	36.024	27.048	29.590	36.464
9/26/12 5:00	38.162	38.029	33.142	9/26/12 5:00	37.902	21.595	34.259	36.026	27.060	29.590	36.466
9/26/12 5:20	38.164	38.036	33.149	9/26/12 5:20	37.909	21.602	34.261	36.035	27.067	29.599	36.469
9/26/12 5:40	38.171	38.036	33.159	9/26/12 5:40	37.925	21.613	34.270	36.045	27.076	29.611	36.476
9/26/12 6:00	38.176	38.039	33.166	9/26/12 6:00	37.935	21.627	34.280	36.052	27.088	29.618	36.478
9/26/12 6:20	38.183	38.048	33.175	9/26/12 6:20	37.948	21.639	34.289	36.064	27.102	29.630	36.485
9/26/12 6:40	38.188	38.051	33.185	9/26/12 6:40	37.955	21.646	34.298	36.071	27.111	29.641	36.492
9/26/12 7:00	38.197	38.060	33.189	9/26/12 7:00	37.960	21.648	34.303	36.075	27.118	29.646	36.499

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/26/12 7:20	38.199	38.067	33.194	9/26/12 7:20	37.960	21.641	34.305	36.073	27.121	29.651	36.504
9/26/12 7:40	38.202	38.071	33.196	9/26/12 7:40	37.958	21.651	34.308	36.073	27.121	29.651	36.509
9/26/12 8:00	38.209	38.074	33.203	9/26/12 8:00	37.965	21.651	34.315	36.075	27.130	29.658	36.513
9/26/12 8:20	38.234	38.097	33.353	9/26/12 8:20	37.972	21.665	34.371	36.082	27.156	29.681	36.525
9/26/12 8:40	38.232	38.104	33.253	9/26/12 8:40	37.969	21.665	34.352	36.082	27.151	29.686	36.544
9/26/12 9:00	38.234	38.104	33.243	9/26/12 9:00	37.976	21.674	34.352	36.087	27.158	29.688	36.548
9/26/12 9:20	38.237	38.104	33.241	9/26/12 9:20	37.976	21.676	34.352	36.087	27.158	29.690	36.548
9/26/12 9:40	38.239	38.109	33.243	9/26/12 9:40	37.983	21.681	34.357	36.092	27.165	29.695	36.553
9/26/12 10:00	38.246	38.114	33.250	9/26/12 10:00	37.993	21.695	34.361	36.099	27.177	29.702	36.558
9/26/12 10:20	38.253	38.118	33.257	9/26/12 10:20	38.004	21.704	34.373	36.108	27.188	29.714	36.565
9/26/12 10:40	38.255	38.125	33.264	9/26/12 10:40	38.009	21.711	34.380	36.113	27.198	29.726	36.569
9/26/12 11:00	38.262	38.132	33.274	9/26/12 11:00	38.014	21.718	34.385	36.117	27.205	29.733	36.576
9/26/12 11:20	38.265	38.135	33.278	9/26/12 11:20	38.018	21.728	34.392	36.117	27.212	29.740	36.579
9/26/12 11:40	38.269	38.139	33.283	9/26/12 11:40	38.018	21.725	34.392	36.120	27.214	29.742	36.583
9/26/12 12:00	38.267	38.139	33.281	9/26/12 12:00	38.004	21.714	34.389	36.108		29.740	36.583
9/26/12 12:20	38.267	38.139	33.276	9/26/12 12:20	37.995	21.711	34.382	36.101		29.728	36.581
9/26/12 12:40	38.267	38.139	33.276	9/26/12 12:40	37.993	21.707	34.384	36.099			36.583
9/26/12 13:00	38.267	38.139	33.274	9/26/12 13:00	37.993	21.711	34.389	36.099			36.586
9/26/12 13:20	38.267	38.142	33.274	9/26/12 13:20	37.990	21.709		36.099			36.583
9/26/12 13:40	38.265	38.144	33.271	9/26/12 13:40	37.981			36.092			36.583
9/26/12 14:00	38.260	38.139	33.267	9/26/12 14:00	37.972			36.372			36.581
9/26/12 14:20	70.138	56.069	33.360	9/26/12 14:20	37.962						36.583
9/26/12 14:40	38.220	56.071	33.297	9/26/12 14:40	37.965						36.595
9/26/12 15:00	38.335	38.284	33.283	9/26/12 15:00	37.960						36.595
9/26/12 15:20	38.663	38.761	33.285	9/26/12 15:20	37.955						
9/26/12 15:40	38.421	38.394	33.297	9/26/12 16:00	37.935				27.275		
9/26/12 16:00	38.344	38.244	33.297	9/26/12 17:00	37.935	21.674	34.394	36.068	27.280	29.737	36.635
9/26/12 16:20	38.293	38.179	33.297	9/26/12 18:00	37.942	21.683	34.392	36.070	27.284	29.737	36.625
9/26/12 16:40	38.435	38.399	33.292	9/26/12 19:00	37.944	21.697	34.392	36.066	27.228	29.747	36.621
9/26/12 17:00	38.374	38.347	33.292	9/26/12 20:00	37.944	21.709	34.399	36.068	27.177	29.754	36.623
9/26/12 17:20	38.283	38.170	33.297	9/26/12 21:00	37.951	21.711	34.426	36.068	27.144	29.777	36.649
9/26/12 17:40	38.267	38.156	33.297	9/26/12 22:00	37.965	21.718	34.426	36.071	27.116	29.782	36.651
9/26/12 18:00	38.260	38.144	33.297	9/26/12 23:00	37.983	21.739	34.440	36.082	27.100	29.796	36.663
9/26/12 18:20	38.276	38.160	33.297	9/27/12 0:00	37.955	21.767	34.478	36.096	27.275	29.831	36.689

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/26/12 18:40	38.281	38.160	33.300	9/27/12 1:00	37.946	21.742	34.452	36.075	27.270	29.812	36.672
9/26/12 19:00	38.290	38.172	33.304	9/27/12 2:00	37.937	21.742	34.440	36.066	27.266	29.803	36.658
9/26/12 19:20	38.288	38.170	33.304	9/27/12 3:00	37.965	21.739	34.433	36.061	27.289	29.796	36.647
9/26/12 19:40	38.309	38.193	33.407	9/27/12 4:00	37.939	21.777	34.447	36.080	27.273	29.817	36.649
9/26/12 20:00	38.304	38.186	33.346	9/27/12 5:00	37.946	21.753	34.433	36.061	27.282	29.803	36.639
9/26/12 20:20	38.307	38.186	33.337	9/27/12 6:00	37.916	21.774	34.438	36.066	27.263	29.807	36.639
9/26/12 20:40	38.318	38.198	33.335	9/27/12 7:00	37.935	21.751	34.424	36.045	27.277	29.793	36.635
9/26/12 21:00	38.321	38.202	33.335	9/27/12 8:00	37.923	21.772	34.436	36.057	27.287	29.805	36.642
9/26/12 21:20	38.321	38.200	33.332	9/27/12 9:00	37.932	21.765	34.461	36.047	27.294	29.819	36.658
9/26/12 21:40	38.323	38.200	33.337	9/27/12 10:00	37.939	21.788	34.457	36.057	27.301	29.821	36.663
9/26/12 22:00	38.325	38.207	33.346	9/27/12 11:00	37.939	21.791	34.461	36.061	27.303	29.826	36.668
9/26/12 22:20	38.328	38.207	33.351	9/27/12 12:00	37.932	21.788	34.464	36.064	27.298	29.831	36.672
9/26/12 22:40	38.342	38.226	33.454	9/27/12 13:00	37.907	21.791	34.457	36.057	27.282	29.826	36.668
9/26/12 23:00	38.337	38.219	33.393	9/27/12 14:00	37.886	21.770	34.443	36.038	27.268	29.812	36.656
9/26/12 23:20	38.328	38.212	33.382	9/27/12 15:00	37.872	21.758	34.438	36.024	27.256	29.800	36.658
9/26/12 23:40	38.318	38.205	33.375	9/27/12 16:00	37.855	21.749	34.429	36.014	27.252	29.789	36.651
9/27/12 0:00	38.309	38.193	33.363	9/27/12 17:00	37.837	21.735	34.438	36.005	27.228	29.791	36.651
9/27/12 0:20	38.300	38.184	33.353	9/27/12 18:00	37.839	21.725	34.410	35.989	27.226	29.765	36.635
9/27/12 0:40	38.300	38.181	33.353	9/27/12 19:00	37.846	21.730	34.396	35.986	27.224	29.758	36.616
9/27/12 1:00	38.290	38.172	33.349	9/27/12 20:00	37.855	21.732	34.394	35.991	27.263	29.756	36.607
9/27/12 1:20	38.283	38.170	33.344	9/27/12 21:00	37.869	21.742	34.480	35.996	27.254	29.807	36.637
9/27/12 1:40	38.279	38.160	33.339	9/27/12 22:00	37.879	21.758	34.433	36.010	27.254	29.791	36.647
9/27/12 2:00	38.276	38.158	33.339	9/27/12 23:00	37.874	21.767	34.429	36.014	27.261	29.789	36.639
9/27/12 2:20	38.272	38.156	33.337	9/28/12 0:00	37.879	21.758	34.447	36.012	27.254	29.800	36.649
9/27/12 2:40	38.279	38.163	33.346	9/28/12 1:00	37.879	21.763	34.426	36.014	27.247	29.786	36.635
9/27/12 3:00	38.279	38.163	33.351	9/28/12 2:00	37.890	21.760	34.415	36.012	27.252	29.779	36.623
9/27/12 3:20	38.274	38.156	33.349	9/28/12 3:00	37.888	21.770	34.415	36.021	27.249	29.784	36.616
9/27/12 3:40	38.272	38.158	33.346	9/28/12 4:00	37.888	21.770	34.408	36.019	27.245	29.777	36.609
9/27/12 4:00	38.265	38.149	33.339	9/28/12 5:00	37.881	21.774	34.401	36.019	27.238	29.775	36.602
9/27/12 4:20	38.269	38.153	33.342	9/28/12 6:00	37.876	21.765	34.394	36.012	27.233	29.765	36.597
9/27/12 4:40	38.267	38.149	33.342	9/28/12 7:00	37.886	21.770	34.392	36.010	27.238	29.761	36.593
9/27/12 5:00	38.269	38.153	33.342	9/28/12 8:00	37.895	21.770	34.394	36.017	27.247	29.765	36.595
9/27/12 5:20	38.269	38.153	33.346	9/28/12 9:00	37.897	21.793	34.403	36.024	27.252	29.772	36.607
9/27/12 5:40	38.265	38.149	33.339	9/28/12 10:00	37.921	21.793	34.410	36.026	27.273	29.782	36.616

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/27/12 6:00	38.258	38.144	33.332	9/28/12 11:00	37.925	21.809	34.429	36.045	27.296	29.798	36.632
9/27/12 6:20	38.267	38.149	33.339	9/28/12 12:00	37.916	21.814	34.485	36.047	27.282	29.814	36.644
9/27/12 6:40	38.267	38.151	33.339	9/28/12 13:00	37.902	21.807	34.450	36.045	27.284	29.814	36.658
9/27/12 7:00	38.269	38.153	33.344	9/28/12 14:00	37.888	21.798	34.471	36.047	27.275	29.817	36.693
9/27/12 7:20	38.272	38.151	33.342	9/28/12 15:00	37.860	21.784	34.464	36.031	27.254	29.814	36.700
9/27/12 7:40	38.267	38.151	33.466	9/28/12 16:00	37.841	21.760	34.438	36.010	27.235	29.791	36.675
9/27/12 8:00	38.286	38.172	33.389	9/28/12 17:00	37.827	21.751	34.422	35.993	27.219	29.775	36.663
9/27/12 8:20	38.288	38.172	33.374	9/28/12 18:00	37.834	21.737	34.403	35.982	27.235	29.758	36.639
9/27/12 8:40	38.290	38.177	33.374	9/28/12 19:00	37.844	21.746	34.431	35.986	27.231	29.775	36.642
9/27/12 9:00	38.283	38.167	33.365	9/28/12 20:00	37.846	21.753	34.410	35.991	27.240	29.768	36.630
9/27/12 9:20	38.288	38.172	33.368	9/28/12 21:00	37.860	21.758	34.440	35.991	27.235	29.782	36.628
9/27/12 9:40	38.283	38.170	33.363	9/28/12 22:00	37.872	21.770	34.412	36.000	27.240	29.772	36.623
9/27/12 10:00	38.290	38.174	33.365	9/28/12 23:00	37.888	21.779	34.408	36.010	27.249	29.772	36.618
9/27/12 10:20	38.290	38.174	33.370	9/29/12 0:00	37.886	21.786	34.412	36.021	27.245	29.779	36.618
9/27/12 10:40	38.293	38.177	33.370	9/29/12 1:00	37.888	21.781	34.408	36.019	27.245	29.775	36.616
9/27/12 11:00	38.290	38.177	33.372	9/29/12 2:00	37.888	21.788	34.410	36.021	27.242	29.777	36.611
9/27/12 11:20	38.293	38.177	33.370	9/29/12 3:00	37.895	21.793	34.403	36.019	27.245	29.770	36.607
9/27/12 11:40	38.288	38.174	33.370	9/29/12 4:00	37.888	21.795	34.403	36.026	27.240	29.775	36.602
9/27/12 12:00	38.286	38.172	33.368	9/29/12 5:00	37.879	21.795	34.394	36.021	27.228	29.765	36.595
9/27/12 12:20	38.283	38.167	33.365	9/29/12 6:00	37.886	21.784	34.387	36.012	27.235	29.756	36.586
9/27/12 12:40	38.283	38.167	33.358	9/29/12 7:00	37.890	21.798	34.389	36.017	27.235	29.761	36.588
9/27/12 13:00	38.349	38.249	33.353	9/29/12 8:00	37.895	21.795	34.389	36.019	27.242	29.763	36.590
9/27/12 13:20	38.344	38.301	33.351	9/29/12 9:00	37.904	21.805	34.396	36.024	27.261	29.765	36.597
9/27/12 13:40	38.416	38.448	33.349	9/29/12 10:00	37.911	21.816	34.424	36.031	27.266	29.789	36.623
9/27/12 14:00	38.335	38.254	33.346	9/29/12 11:00	37.907	21.826	34.426	36.035	27.263	29.793	36.628
9/27/12 14:20	38.321	38.244	33.342	9/29/12 12:00	37.890	21.819	34.422	36.033	27.247	29.791	36.630
9/27/12 14:40	38.426	38.485	33.339	9/29/12 13:00	37.862	21.798	34.412	36.019	27.240	29.782	36.625
9/27/12 15:00	38.302	38.205	33.337	9/29/12 14:00	37.837	21.784	34.419	36.003	27.210	29.777	36.632
9/27/12 15:20	38.286	38.174	33.335	9/29/12 15:00	37.816	21.758	34.389	35.984	27.191	29.749	36.611
9/27/12 15:40	38.421	38.352	33.494	9/29/12 16:00	37.797	21.744	34.366	35.965	27.165	29.726	36.593
9/27/12 16:00	38.349	38.315	33.360	9/29/12 17:00	37.790	21.725	34.340	35.949	27.151	29.702	36.567
9/27/12 16:20	38.304	38.214	33.337	9/29/12 18:00	37.797	21.723	34.324	35.942	27.151	29.683	36.544
9/27/12 16:40	38.323	38.275	33.328	9/29/12 19:00	37.806	21.730	34.322	35.949	27.149	29.683	36.537
9/27/12 17:00	38.293	38.207	33.318	9/29/12 20:00	37.809	21.735	34.317	35.954	27.156	29.681	36.532

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/27/12 17:20	38.258	38.146	33.316	9/29/12 21:00	37.818	21.735	34.336	35.956	27.156	29.693	36.548
9/27/12 17:40	38.246	38.132	33.311	9/29/12 22:00	37.832	21.732	34.329	35.963	27.160	29.688	36.544
9/27/12 18:00	38.244	38.128	33.307	9/29/12 23:00	37.841	21.746	34.329	35.972	27.165	29.693	36.548
9/27/12 18:20	38.241	38.125	33.304	9/30/12 0:00	37.841	21.746	34.333	35.982	27.160	29.697	36.553
9/27/12 18:40	38.239	38.123	33.304	9/30/12 1:00	37.844	21.746	34.331	35.979	27.158	29.693	36.551
9/27/12 19:00	38.232	38.116	33.302	9/30/12 2:00	37.841	21.744	34.329	35.979	27.156	29.690	36.548
9/27/12 19:20	38.232	38.118	33.302	9/30/12 3:00	37.844	21.746	34.324	35.979	27.151	29.686	36.541
9/27/12 19:40	38.244	38.125	33.344	9/30/12 4:00	37.827	21.744	34.317	35.982	27.135	29.683	36.532
9/27/12 20:00	38.316	38.202	33.459	9/30/12 5:00	37.825	21.725	34.303	35.968	27.125	29.667	36.518
9/27/12 20:20	38.302	38.186	33.377	9/30/12 6:00	37.820	21.728	34.291	35.965	27.116	29.660	36.509
9/27/12 20:40	38.286	38.172	33.358	9/30/12 7:00	37.823	21.718	34.282	35.961	27.116	29.648	36.497
9/27/12 21:00	38.276	38.165	33.349	9/30/12 8:00	37.825	21.721	34.280	35.951	27.116	29.646	36.494
9/27/12 21:20	38.269	38.156	33.342	9/30/12 9:00	37.832	21.728	34.284	35.949	27.132	29.646	36.499
9/27/12 21:40	38.267	38.151	33.337	9/30/12 10:00	37.832	21.730	34.338	35.968	27.123	29.655	36.506
9/27/12 22:00	38.260	38.146	33.337	9/30/12 11:00	37.844	21.735	34.298	36.010	27.130	29.655	36.523
9/27/12 22:20	38.260	38.144	33.335	9/30/12 12:00	37.830	21.744	34.301	36.061	27.114	29.662	36.525
9/27/12 22:40	38.269	38.153	33.548	9/30/12 13:00	37.818	21.723	34.289	35.968	27.100	29.651	36.518
9/27/12 23:00	38.272	38.158	33.375	9/30/12 14:00	37.792	21.707	34.277	35.956	27.076	29.634	36.509
9/27/12 23:20	38.262	38.149	33.353	9/30/12 15:00	37.767	21.681	34.256	35.937	27.055	29.616	36.494
9/27/12 23:40	38.260	38.146	33.344	9/30/12 16:00	37.762	21.665	34.247	35.919	27.081	29.597	36.487
9/28/12 0:00	38.253	38.139	33.337	9/30/12 17:00	37.758	21.660	34.312	35.914	27.053	29.637	36.520
9/28/12 0:20	38.251	38.137	33.330	9/30/12 18:00	37.755	21.651	34.256	35.912	27.039	29.599	36.494
9/28/12 0:40	38.244	38.130	33.328	9/30/12 19:00	37.769	21.651	34.254	35.909	27.046	29.581	36.473
9/28/12 1:00	38.244	38.130	33.323	9/30/12 20:00	37.797	21.665	34.242	35.921	27.060	29.588	36.473
9/28/12 1:20	38.244	38.130	33.325	9/30/12 21:00	37.825	21.686	34.245	35.942	27.083	29.595	36.471
9/28/12 1:40	38.244	38.130	33.325	9/30/12 22:00	37.834	21.702	34.270	35.963	27.086	29.623	36.494
9/28/12 2:00	38.239	38.125	33.323	9/30/12 23:00	37.841	21.709	34.268	35.972	27.086	29.620	36.492
9/28/12 2:20	38.237	38.121	33.318	10/1/12 0:00	37.834	21.709	34.266	35.977	27.079	29.623	36.494
9/28/12 2:40	38.234	38.118	33.316	10/1/12 1:00	37.834	21.709	34.259	35.970	27.074	29.613	36.487
9/28/12 3:00	38.232	38.116	33.316	10/1/12 2:00	37.827	21.700	34.254	35.970	27.067	29.611	36.485
9/28/12 3:20	38.227	38.116	33.311	10/1/12 3:00	37.837	21.693	34.247	35.965	27.069	29.602	36.473
9/28/12 3:40	38.230	38.114	33.311	10/1/12 4:00	37.832	21.700	34.242	35.970	27.060	29.604	36.469
9/28/12 4:00	38.225	38.111	33.309	10/1/12 5:00	37.839	21.686	34.235	35.968	27.062	29.595	36.457
9/28/12 4:20	38.223	38.109	33.306	10/1/12 6:00	37.851	21.695	34.233	35.972	27.067	29.597	36.452

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/28/12 4:40	38.223	38.104	33.304	10/1/12 7:00	37.839	21.704	34.235	35.979	27.060	29.599	36.452
9/28/12 5:00	38.220	38.104	33.302	10/1/12 8:00	37.883	21.700	34.233	35.972	27.097	29.592	36.450
9/28/12 5:20	38.218	38.102	33.299	10/1/12 9:00	37.893	21.744	34.259	36.010	27.149	29.625	36.466
9/28/12 5:40	38.220	38.102	33.302	10/1/12 10:00	37.921	21.744	34.387	36.085	27.191	29.686	36.574
9/28/12 6:00	38.218	38.100	33.299	10/1/12 11:00	37.930	21.777	34.429	36.092	27.221	29.733	36.693
9/28/12 6:20	38.213	38.097	33.295	10/1/12 12:00	37.935	21.781	34.478	36.120	27.245	29.775	36.768
9/28/12 6:40	38.220	38.102	33.300	10/1/12 13:00	37.921	21.788	34.515	36.157	27.256	29.805	36.817
9/28/12 7:00	38.227	38.111	33.304	10/1/12 14:00	37.900	21.779	34.536	36.099	27.256	29.821	36.850
9/28/12 7:20	38.230	38.114	33.304	10/1/12 15:00	37.883	21.763	34.550	36.092	27.259	29.826	36.866
9/28/12 7:40	38.232	38.116	33.307	10/1/12 16:00	37.876	21.751	34.555	36.078	27.259	29.828	36.873
9/28/12 8:00	38.237	38.121	33.311	10/1/12 17:00	37.881	21.744	34.555	36.078	27.273	29.831	36.864
9/28/12 8:20	38.234	38.121	33.314	10/1/12 18:00	37.879	21.760	34.564	36.085	27.294	29.845	36.866
9/28/12 8:40	38.244	38.128	33.321	10/1/12 19:00	37.879	21.753	34.606	36.085	27.291	29.873	36.883
9/28/12 9:00	38.244	38.128	33.318	10/1/12 20:00	37.886	21.756	34.576	36.066	27.273	29.870	36.866
9/28/12 9:20	38.253	38.137	33.325	10/1/12 21:00	37.900	21.767	34.510	36.057	27.273	29.835	36.761
9/28/12 9:40	38.255	38.142	33.330	10/1/12 22:00	37.904	21.784	34.480	36.066	27.266	29.821	36.700
9/28/12 10:00	38.260	38.144	33.335	10/1/12 23:00	37.907	21.791	34.459	36.064	27.266	29.812	36.665
9/28/12 10:20	38.265	38.149	33.339	10/2/12 0:00	37.902	21.798	34.454	36.068	27.256	29.805	36.649
9/28/12 10:40	38.265	38.151	33.344	10/2/12 1:00	37.893	21.788	34.443	36.059	27.247	29.798	36.647
9/28/12 11:00	38.283	38.167	33.520	10/2/12 2:00	37.890	21.788	34.429	36.047	27.240	29.784	36.632
9/28/12 11:20	38.286	38.172	33.382	10/2/12 3:00	37.886	21.793	34.417	36.045	27.233	29.779	36.614
9/28/12 11:40	38.281	38.165	33.367	10/2/12 4:00	37.879	21.786	34.403	36.038	27.224	29.768	36.597
9/28/12 12:00	38.316	38.235	33.360	10/2/12 5:00	37.881	21.788	34.389	36.033	27.219	29.758	36.583
9/28/12 12:20	38.533	38.525	33.358	10/2/12 6:00	37.872	21.795	34.385	36.031	27.219	29.751	36.569
9/28/12 12:40	38.575	38.607	33.365	10/2/12 7:00	37.881	21.786	34.389	36.024	27.219	29.751	36.576
9/28/12 13:00	38.649	38.724	33.375	10/2/12 8:00	37.883	21.798	34.380	36.028	27.219	29.749	36.565
9/28/12 13:20	38.491	38.443	33.379	10/2/12 9:00	37.888	21.802	34.380	36.031	27.219	29.749	36.565
9/28/12 13:40	38.409	38.326	33.379	10/2/12 10:00	37.881	21.804	34.380	36.033	27.214	29.751	36.567
9/28/12 14:00	38.479	38.394	33.372	10/2/12 11:00	37.867	21.805	34.373	36.026	27.203	29.744	36.567
9/28/12 14:20	38.353	38.254	33.363	10/2/12 12:00	37.848	21.793	34.366	36.017	27.191	29.733	36.565
9/28/12 14:40	38.377	38.286	33.356	10/2/12 13:00	37.823	21.781	34.368	35.998	27.163	29.728	36.574
9/28/12 15:00	38.335	38.223	33.351	10/2/12 14:00	37.781	21.746	34.338	35.977	27.121	29.702	36.553
9/28/12 15:20	38.386	38.336	33.344	10/2/12 15:00	37.753	21.711	34.301	35.944	27.207	29.665	36.525
9/28/12 15:40	38.351	38.251	33.339	10/2/12 16:00	37.737	21.688	34.596	35.923	27.121	29.772	36.611

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/28/12 16:00	38.307	38.195	33.335	10/2/12 17:00	37.730	21.679	34.357	35.909	27.086	29.683	36.581
9/28/12 16:20	38.316	38.209	33.328	10/2/12 18:00	37.737	21.676	34.296	35.902	27.069	29.634	36.509
9/28/12 16:40	38.318	38.254	33.323	10/2/12 19:00	37.744	21.674	34.261	35.905	27.060	29.613	36.469
9/28/12 17:00	38.279	38.167	33.314	10/2/12 20:00	37.755	21.676	34.245	35.914	27.062	29.599	36.448
9/28/12 17:20	38.297	38.191	33.311	10/2/12 21:00	37.776	21.681	34.249	35.921	27.067	29.602	36.448
9/28/12 17:40	38.286	38.174	33.309	10/2/12 22:00	37.788	21.702	34.242	35.937	27.067	29.604	36.445
9/28/12 18:00	38.297	38.184	33.360	10/2/12 23:00	37.797	21.700	34.242	35.944	27.069	29.604	36.443
9/28/12 18:20	38.300	38.184	33.335	10/3/12 0:00	37.804	21.707	34.240	35.951	27.069	29.604	36.450
9/28/12 18:40	38.283	38.170	33.325	10/3/12 1:00	37.809	21.707	34.242	35.956	27.067	29.604	36.455
9/28/12 19:00	38.272	38.156	33.321	10/3/12 2:00	37.816	21.707	34.242	35.958	27.065	29.602	36.455
9/28/12 19:20	38.260	38.144	33.316	10/3/12 3:00	37.813	21.714	34.240	35.961	27.060	29.599	36.452
9/28/12 19:40	38.253	38.137	33.309	10/3/12 4:00	37.823	21.702	34.233	35.937	27.065	29.595	36.448
9/28/12 20:00	38.267	38.156	33.389	10/3/12 5:00	37.832	21.704	34.235	35.935	27.067	29.595	36.445
9/28/12 20:20	38.260	38.144	33.339	10/3/12 6:00	37.839	21.718	34.235	35.916	27.069	29.597	36.441
9/28/12 20:40	38.251	38.137	33.330	10/3/12 7:00	37.839	21.721	34.233	35.902	27.065	29.597	36.441
9/28/12 21:00	38.248	38.132	33.323	10/3/12 8:00	37.834	21.716	34.233	35.893	27.069	29.597	36.438
9/28/12 21:20	38.244	38.130	33.321	10/3/12 9:00	37.820	21.716	34.247	35.893	27.051	29.606	36.455
9/28/12 21:40	38.241	38.128	33.321	10/3/12 10:00	37.823	21.707	34.226	35.930	27.048	29.585	36.443
9/28/12 22:00	38.239	38.123	33.318	10/3/12 11:00	37.809	21.704	34.224	36.010	27.048	29.583	36.443
9/28/12 22:20	38.239	38.125	33.318	10/3/12 12:00	37.804	21.695	34.245	36.019	27.051	29.585	36.476
9/28/12 22:40	38.239	38.123	33.318	10/3/12 13:00	37.781	21.683	34.270	35.972	27.051	29.597	36.525
9/28/12 23:00	38.241	38.125	33.321	10/3/12 14:00	37.753	21.669	34.291	35.958	27.025	29.606	36.562
9/28/12 23:20	38.239	38.123	33.321	10/3/12 15:00	37.748	21.639	34.273	35.940	27.023	29.585	36.560
9/28/12 23:40	38.239	38.123	33.318	10/3/12 16:00	37.744	21.639	34.275	35.937	27.016	29.581	36.567
9/29/12 0:00	38.237	38.121	33.318	10/3/12 17:00	37.748	21.637	34.268	35.937	27.020	29.578	36.558
9/29/12 0:20	38.239	38.121	33.316	10/3/12 18:00	37.762	21.637	34.275	35.947	27.030	29.578	36.548
9/29/12 0:40	38.237	38.123	33.316	10/3/12 19:00	37.778	21.653	34.280	35.954	27.044	29.588	36.560
9/29/12 1:00	38.234	38.118	33.316	10/3/12 20:00	37.799	21.662	34.319	35.961	27.051	29.595	36.553
9/29/12 1:20	38.232	38.116	33.311	10/3/12 21:00	37.811	21.681	34.275	35.975	27.125	29.602	36.527
9/29/12 1:40	38.227	38.111	33.311	10/3/12 22:00	37.837	21.686	34.475	35.984	27.203	29.686	36.579
9/29/12 2:00	38.230	38.116	33.311	10/3/12 23:00	37.911	21.704	34.596	36.012	27.294	29.786	36.712
9/29/12 2:20	38.227	38.111	33.311	10/4/12 0:00	37.976	21.769	34.687	36.061	27.380	29.880	36.792
9/29/12 2:40	38.230	38.116	33.311	10/4/12 1:00	37.997	21.828	34.783	36.115	27.448	29.971	36.843
9/29/12 3:00	38.225	38.111	33.311	10/4/12 2:00	38.088	21.851	34.892	36.155	27.572	30.029	36.929

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/29/12 3:20	38.223	38.109	33.307	10/4/12 3:00	38.107	21.928	35.030	36.243	27.635	30.163	37.089
9/29/12 3:40	38.220	38.104	33.302	10/4/12 4:00	38.121	21.942	35.100	36.257	27.689	30.240	37.180
9/29/12 4:00	38.218	38.102	33.302	10/4/12 5:00	38.135	21.954	35.156	36.271	27.740	30.303	37.250
9/29/12 4:20	38.216	38.102	33.300	10/4/12 6:00	38.146	21.979	35.218	36.290	27.796	30.354	37.273
9/29/12 4:40	38.213	38.095	33.297	10/4/12 7:00	38.149	21.993	35.288	36.309	27.838	30.413	37.336
9/29/12 5:00	38.211	38.097	33.295	10/4/12 8:00	38.156	22.007	35.333	36.302	27.829	30.457	37.379
9/29/12 5:20	38.211	38.095	33.295	10/4/12 9:00	38.163	22.023	35.200	36.260	27.819	30.443	37.355
9/29/12 5:40	38.216	38.097	33.297	10/4/12 10:00	38.153	22.049	35.135	36.239	27.796	30.410	37.266
9/29/12 6:00	38.211	38.097	33.297	10/4/12 11:00	38.125	22.044	35.072	36.316	27.780	30.375	37.224
9/29/12 6:20	38.213	38.097	33.297	10/4/12 12:00	38.093	22.037	35.039	36.297	27.761	30.350	37.196
9/29/12 6:40	38.216	38.100	33.297	10/4/12 13:00	38.065	22.021	35.016	36.274	27.740	30.331	37.187
9/29/12 7:00	38.218	38.100	33.300	10/4/12 14:00	38.025	22.026	34.988	36.250	27.710	30.310	37.159
9/29/12 7:20	38.216	38.102	33.300	10/4/12 15:00	37.979	21.998	34.946	36.213	27.684	30.277	37.121
9/29/12 7:40	38.220	38.107	33.300	10/4/12 16:00	37.953	21.972	34.932	36.185	27.654	30.251	37.105
9/29/12 8:00	38.225	38.109	33.304	10/4/12 17:00	37.937	21.968	34.883	36.152	27.632	30.216	37.060
9/29/12 8:20	38.248	38.130	33.485	10/4/12 18:00	37.928	21.968	34.846	36.138	27.607	30.191	37.009
9/29/12 8:40	38.253	38.139	33.349	10/4/12 19:00	37.928	21.968	34.799	36.122	27.593	30.158	36.946
9/29/12 9:00	38.251	38.135	33.337	10/4/12 20:00	37.939	21.984	34.764	36.113	27.597	30.137	36.892
9/29/12 9:20	38.253	38.137	33.335	10/4/12 21:00	37.935	21.996	34.774	36.115	27.574	30.142	36.869
9/29/12 9:40	38.251	38.135	33.332	10/4/12 22:00	37.951	21.989	34.729	36.108	27.579	30.111	36.838
9/29/12 10:00	38.253	38.137	33.335	10/4/12 23:00	37.948	22.012	34.720	36.120	27.565	30.114	36.824
9/29/12 10:20	38.253	38.137	33.335	10/5/12 0:00	37.965	22.005	34.699	36.113	27.576	30.100	36.813
9/29/12 10:40	38.251	38.135	33.335	10/5/12 1:00	37.948	22.030	34.708	36.129	27.560	30.107	36.820
9/29/12 11:00	38.251	38.137	33.332	10/5/12 2:00	37.939	22.023	34.694	36.110	27.551	30.086	36.813
9/29/12 11:20	38.251	38.135	33.330	10/5/12 3:00	37.921	22.016	34.692	36.106	27.532	30.081	36.815
9/29/12 11:40	38.248	38.132	33.328	10/5/12 4:00	37.925	22.007	34.671	36.089	27.546	30.062	36.801
9/29/12 12:00	38.241	38.128	33.323	10/5/12 5:00	37.925	22.019	34.694	36.091	27.539	30.071	36.806
9/29/12 12:20	38.239	38.125	33.318	10/5/12 6:00	37.923	22.019	34.685	36.099	27.525	30.060	36.806
9/29/12 12:40	38.281	38.186	33.459	10/5/12 7:00	37.909	22.028	34.662	36.087	27.506	30.053	36.796
9/29/12 13:00	38.267	38.160	33.344	10/5/12 8:00	37.935	22.009	34.641	36.073	27.520	30.032	36.773
9/29/12 13:20	38.246	38.135	33.325	10/5/12 9:00	37.923	22.033	34.645	36.094	27.511	30.041	36.766
9/29/12 13:40	38.302	38.172	33.311	10/5/12 10:00	37.951	22.026	34.641	36.087	27.555	30.029	36.761
9/29/12 14:00	38.321	38.237	33.302	10/5/12 11:00	37.983	22.054	34.713	36.117	27.576	30.076	36.813
9/29/12 14:20	38.255	38.151	33.292	10/5/12 12:00	37.965	22.086	34.722	36.148	27.572	30.097	36.848

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/29/12 14:40	38.230	38.118	33.285	10/5/12 13:00	37.974	22.063	34.736	36.141	27.595	30.100	36.883
9/29/12 15:00	38.239	38.149	33.278	10/5/12 14:00	37.944	22.068	34.778	36.159	27.588	30.128	36.948
9/29/12 15:20	38.209	38.097	33.269	10/5/12 15:00	37.909	22.047	34.783	36.134	27.555	30.130	36.979
9/29/12 15:40	38.197	38.083	33.260	10/5/12 16:00	37.883	22.016	34.755	36.101	27.534	30.100	36.955
9/29/12 16:00	38.188	38.074	33.253	10/5/12 17:00	37.872	22.007	34.727	36.080	27.516	30.076	36.918
9/29/12 16:20	38.178	38.065	33.246	10/5/12 18:00	37.876	22.007	34.699	36.066	27.511	30.055	36.883
9/29/12 16:40	38.169	38.055	33.239	10/5/12 19:00	37.888	22.016	34.683	36.064	27.525	30.046	36.850
9/29/12 17:00	38.169	38.053	33.234	10/5/12 20:00	37.909	22.023	34.718	36.071	27.523	30.048	36.827
9/29/12 17:20	38.176	38.062	33.231	10/5/12 21:00	37.925	22.040	34.671	36.080	27.525	30.053	36.810
9/29/12 17:40	38.174	38.058	33.231	10/5/12 22:00	37.941	22.051	34.664	36.091	27.530	30.048	36.794
9/29/12 18:00	38.181	38.064	33.229	10/5/12 23:00	37.914	22.065	34.662	36.101	27.504	30.041	36.787
9/29/12 18:20	38.174	38.057	33.229	10/6/12 0:00	37.946	22.042	34.641	36.080	27.525	30.036	36.773
9/29/12 18:40	38.171	38.055	33.227	10/6/12 1:00	37.934	22.072	34.655	36.103	27.525	30.006	36.780
9/29/12 19:00	38.164	38.050	33.227	10/6/12 2:00	37.934	22.056	34.662	36.091	27.518	30.004	36.794
9/29/12 19:20	38.162	38.046	33.227	10/6/12 3:00	37.914	22.054	34.648	36.091	27.497	29.987	36.784
9/29/12 19:40	38.183	38.069	33.328	10/6/12 4:00	37.881	22.044	34.629	36.073	27.467	29.973	36.770
9/29/12 20:00	38.174	38.060	33.257	10/6/12 5:00	37.893	22.021	34.606	36.047	27.471	29.976	36.752
9/29/12 20:20	38.174	38.057	33.243	10/6/12 6:00	37.895	22.042	34.604	36.057	27.467	29.957	36.745
9/29/12 20:40	38.181	38.062	33.238	10/6/12 7:00	37.916	22.042	34.597	36.056	27.478	29.945	36.738
9/29/12 21:00	38.185	38.069	33.239	10/6/12 8:00	37.921	22.061	34.604	36.070	27.481	29.931	36.738
9/29/12 21:20	38.185	38.069	33.238	10/6/12 9:00	37.934	22.063	34.604	36.075	27.502	29.924	36.738
9/29/12 21:40	38.188	38.069	33.239	10/6/12 10:00	37.962	22.082	34.634	36.087	27.516	29.936	36.761
9/29/12 22:00	38.185	38.069	33.241	10/6/12 11:00	37.969	22.103	34.641	36.108	27.523	29.934	36.766
9/29/12 22:20	38.188	38.071	33.241	10/6/12 12:00	37.958	22.105	34.643	36.113	27.516	29.943	36.773
9/29/12 22:40	38.185	38.071	33.243	10/6/12 13:00	37.946	22.096	34.645	36.106	27.518	29.964	36.780
9/29/12 23:00	38.188	38.074	33.243	10/6/12 14:00	37.918	22.089	34.655	36.099	27.495	29.980	36.803
9/29/12 23:20	38.190	38.072	33.243	10/6/12 15:00	37.909	22.061	34.636	36.073	27.492	30.011	36.799
9/29/12 23:40	38.188	38.072	33.243	10/6/12 16:00	37.904	22.063	34.638	36.063	27.485	30.027	36.796
9/30/12 0:00	38.185	38.069	33.241	10/6/12 17:00	37.900	22.065	34.627	36.061	27.478	30.027	36.780
9/30/12 0:20	38.185	38.069	33.241	10/6/12 18:00	37.895	22.054	34.622	36.059	27.469	30.022	36.780
9/30/12 0:40	38.181	38.067	33.239	10/6/12 19:00	37.900	22.054	34.606	36.054	27.469	30.001	36.761
9/30/12 1:00	38.181	38.067	33.238	10/6/12 20:00	37.904	22.065	34.606	36.059	27.478	29.973	36.761
9/30/12 1:20	38.176	38.060	33.234	10/6/12 21:00	37.911	22.065	34.655	36.061	27.476	29.934	36.752
9/30/12 1:40	38.176	38.060	33.234	10/6/12 22:00	37.916	22.072	34.613	36.066	27.474	29.922	36.759

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/30/12 2:00	38.171	38.055	33.234	10/6/12 23:00	37.923	22.077	34.608	36.068	27.478	29.908	36.752
9/30/12 2:20	38.169	38.053	33.231	10/7/12 0:00	37.909	22.082	34.608	36.073	27.467	29.882	36.754
9/30/12 2:40	38.167	38.053	33.229	10/7/12 1:00	37.900	22.068	34.597	36.064	27.455	29.859	36.747
9/30/12 3:00	38.164	38.046	33.227	10/7/12 2:00	37.902	22.068	34.587	36.054	27.453	29.838	36.740
9/30/12 3:20	38.157	38.043	33.222	10/7/12 3:00	37.900	22.065	34.587	36.054	27.450	29.908	36.738
9/30/12 3:40	38.153	38.039	33.217	10/7/12 4:00	37.883	22.058	34.583	36.054	27.432	29.884	36.735
9/30/12 4:00	38.151	38.034	33.213	10/7/12 5:00	37.876	22.049	34.566	36.038	27.420	29.868	36.726
9/30/12 4:20	38.144	38.029	33.208	10/7/12 6:00	37.874	22.044	34.559	36.033	27.413	29.852	36.714
9/30/12 4:40	38.143	38.027	33.203	10/7/12 7:00	37.879	22.040	34.550	36.028	27.415	29.906	36.707
9/30/12 5:00	38.139	38.022	33.203	10/7/12 8:00	37.886	22.049	34.550	36.033	27.415	29.880	36.703
9/30/12 5:20	38.137	38.020	33.199	10/7/12 9:00	37.883	22.054	34.550	36.040	27.418	29.863	36.703
9/30/12 5:40	38.132	38.018	33.196	10/7/12 10:00	37.876	22.051	34.564	36.038	27.401	29.875	36.714
9/30/12 6:00	38.132	38.015	33.192	10/7/12 11:00	37.869	22.042	34.541	36.031	27.392	29.891	36.700
9/30/12 6:20	38.129	38.013	33.192	10/7/12 12:00	37.855	22.028	34.531	36.026	27.375	29.964	36.689
9/30/12 6:40	38.134	38.015	33.189	10/7/12 13:00	37.827	22.021	34.517	36.019	27.350	29.901	36.682
9/30/12 7:00	38.139	38.022	33.189	10/7/12 14:00	37.797	21.998	34.506	35.996	27.373	29.882	36.686
9/30/12 7:20	38.141	38.022	33.191	10/7/12 15:00	37.762	21.972	34.636	35.975	27.345	29.915	36.719
9/30/12 7:40	38.146	38.027	33.192	10/7/12 16:00	37.748	21.947	34.585	35.949	27.305	29.915	36.782
9/30/12 8:00	38.146	38.027	33.194	10/7/12 17:00	37.737	21.937	34.513	35.940	27.273	29.859	36.719
9/30/12 8:20	38.141	38.027	33.194	10/7/12 18:00	37.730	21.923	34.468	35.928	27.266	29.824	36.670
9/30/12 8:40	38.144	38.027	33.196	10/7/12 19:00	37.741	21.912	34.473	35.923	27.252	29.819	36.663
9/30/12 9:00	38.155	38.039	33.396	10/7/12 20:00	37.762	21.923	34.440	35.930	27.252	29.798	36.642
9/30/12 9:20	38.162	38.046	33.236	10/7/12 21:00	37.771	21.937	34.424	35.947	27.247	29.789	36.604
9/30/12 9:40	38.157	38.041	33.217	10/7/12 22:00	37.774	21.928	34.422	35.949	27.231	29.789	36.597
9/30/12 10:00	38.157	38.043	33.213	10/7/12 23:00	37.788	21.923	34.399	35.949	27.228	29.768	36.574
9/30/12 10:20	38.155	38.039	33.210	10/8/12 0:00	37.785	21.935	34.389	35.958	27.214	29.761	36.560
9/30/12 10:40	38.158	38.043	33.210	10/8/12 1:00	37.785	21.916	34.375	35.956	27.207	29.749	36.548
9/30/12 11:00	38.157	38.041	33.210	10/8/12 2:00	37.788	21.916	34.366	35.954	27.212	29.740	36.541
9/30/12 11:20	38.157	38.041	33.210	10/8/12 3:00	37.783	21.907	34.387	35.956	27.188	29.751	36.560
9/30/12 11:40	38.155	38.041	33.208	10/8/12 4:00	37.771	21.902	34.354	35.951	27.167	29.726	36.544
9/30/12 12:00	38.151	38.034	33.203	10/8/12 5:00	37.769	21.877	34.333	35.940	27.154	29.704	36.525
9/30/12 12:20	38.148	38.032	33.199	10/8/12 6:00	37.767	21.879	34.319	35.940	27.144	29.690	36.509
9/30/12 12:40	38.143	38.027	33.196	10/8/12 7:00	37.769	21.867	34.308	35.937	27.132	29.676	36.497
9/30/12 13:00	38.141	38.025	33.191	10/8/12 8:00	37.783	21.863	34.298	35.937	27.135	29.667	36.485

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
9/30/12 13:20	38.136	38.020	33.185	10/8/12 9:00	37.797	21.874	34.296	35.947	27.146	29.665	36.483
9/30/12 13:40	38.136	38.020	33.178	10/8/12 10:00	37.802	21.879	34.315	35.958	27.144	29.681	36.499
9/30/12 14:00	38.132	38.018	33.171	10/8/12 11:00	37.790	21.879	34.315	35.970	27.123	29.676	36.499
9/30/12 14:20	38.144	38.032	33.229	10/8/12 12:00	37.776	21.858	34.294	35.954	27.116	29.662	36.497
9/30/12 14:40	38.132	38.015	33.182	10/8/12 13:00	37.748	21.842	34.305	35.942	27.076	29.662	36.487
9/30/12 15:00	38.115	38.001	33.166	10/8/12 14:00	37.716	21.811	34.263	35.923	27.046	29.620	36.473
9/30/12 15:20	38.108	37.994	33.154	10/8/12 15:00	37.685	21.779	34.247	35.902	27.020	29.595	36.473
9/30/12 15:40	38.155	38.043	33.403	10/8/12 16:00	37.681	21.744	34.238	35.881	27.016	29.574	36.485
9/30/12 16:00	38.162	38.050	33.269	10/8/12 17:00	37.685	21.737	34.249	35.881	27.011	29.576	36.497
9/30/12 16:20	38.171	38.055	33.210	10/8/12 18:00	37.704	21.739	34.240	35.886	27.016	29.567	36.494
9/30/12 16:40	38.185	38.069	33.187	10/8/12 19:00	37.720	21.751	34.245	35.905	27.025	29.571	36.497
9/30/12 17:00	38.174	38.057	33.171	10/8/12 20:00	37.741	21.765	34.256	35.912	27.025	29.585	36.504
9/30/12 17:20	38.158	38.044	33.163	10/8/12 21:00	37.767	21.774	34.233	35.923	27.032	29.576	36.459
9/30/12 17:40	38.139	38.022	33.154	10/8/12 22:00	37.790	21.786	34.226	35.944	27.041	29.576	36.441
9/30/12 18:00	38.127	38.011	33.145	10/8/12 23:00	37.788	21.800	34.233	35.963	27.046	29.583	36.445
9/30/12 18:20	38.143	38.027	33.196	10/9/12 0:00	37.802	21.790	34.261	35.968	27.055	29.595	36.480
9/30/12 18:40	38.132	38.015	33.166	10/9/12 1:00	37.797	21.790	34.266	35.979	27.044	29.602	36.492
9/30/12 19:00	38.129	38.013	33.154	10/9/12 2:00	37.788	21.783	34.249	35.970	27.030	29.592	36.480
9/30/12 19:20	38.130	38.011	33.149	10/9/12 3:00	37.783	21.767	34.226	35.961	27.016	29.576	36.452
9/30/12 19:40	38.132	38.013	33.152	10/9/12 4:00	37.783	21.758	34.208	35.951	27.006	29.560	36.427
9/30/12 20:00	38.134	38.015	33.152	10/9/12 5:00	37.790	21.755	34.194	35.951	27.013	29.548	36.410
9/30/12 20:20	38.141	38.020	33.203	10/9/12 6:00	37.788	21.769	34.203	35.956	27.002	29.557	36.413
9/30/12 20:40	38.160	38.043	33.208	10/9/12 7:00	37.799	21.758	34.187	35.951	27.002	29.541	36.396
9/30/12 21:00	38.155	38.039	33.187	10/9/12 8:00	37.839	21.765	34.184	35.958	27.030	29.541	36.389
9/30/12 21:20	38.153	38.036	33.182	10/9/12 9:00	37.865	21.800	34.201	35.991	27.053	29.564	36.401
9/30/12 21:40	38.146	38.029	33.178	10/9/12 10:00	37.881	21.821	34.219	36.012	27.076	29.581	36.410
9/30/12 22:00	38.148	38.029	33.178	10/9/12 11:00	37.904	21.828	34.261	36.021	27.088	29.613	36.434
9/30/12 22:20	38.146	38.029	33.178	10/9/12 12:00	37.916	21.846	34.254	36.042	27.125	29.620	36.445
9/30/12 22:40	38.143	38.025	33.173	10/9/12 13:00	37.939	21.860	34.324	36.080	27.175	29.655	36.525
9/30/12 23:00	38.144	38.027	33.177	10/9/12 14:00	37.941	21.877	34.401	36.115	27.214	29.714	36.642
9/30/12 23:20	38.136	38.020	33.171	10/9/12 15:00	37.962	21.879	34.473	36.124	27.252	29.761	36.735
9/30/12 23:40	38.136	38.020	33.170	10/9/12 16:00	37.974	21.902	34.520	36.145	27.282	29.805	36.792
10/1/12 0:00	38.132	38.015	33.168	10/9/12 17:00	37.972	21.919	34.552	36.162	27.296	29.842	36.829
10/1/12 0:20	38.132	38.015	33.166	10/9/12 18:00	37.974	21.923	34.559	36.157	27.319	29.854	36.831

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/1/12 0:40	38.129	38.015	33.166	10/9/12 19:00	37.990	21.930	34.580	36.159	27.336	29.880	36.843
10/1/12 1:00	38.127	38.011	33.163	10/9/12 20:00	38.021	21.951	34.569	36.157	27.357	29.889	36.815
10/1/12 1:20	38.120	38.006	33.161	10/9/12 21:00	38.032	21.981	34.557	36.173	27.364	29.901	36.766
10/1/12 1:40	38.120	38.004	33.156	10/9/12 22:00	38.039	21.993	34.547	36.178	27.375	29.903	36.733
10/1/12 2:00	38.118	38.001	33.156	10/9/12 23:00	38.056	22.000	34.545	36.180	27.408	29.908	36.717
10/1/12 2:20	38.118	38.001	33.154	10/10/12 0:00	38.056	22.033	34.580	36.192	27.408	29.941	36.731
10/1/12 2:40	38.115	37.999	33.156	10/10/12 1:00	38.051	22.028	34.566	36.187	27.413	29.936	36.721
10/1/12 3:00	38.113	37.997	33.154	10/10/12 2:00	38.035	22.028	34.562	36.185	27.408	29.941	36.717
10/1/12 3:20	38.108	37.994	33.149	10/10/12 3:00	38.039	22.021	34.555	36.171	27.420	29.934	36.712
10/1/12 3:40	38.101	37.985	33.145	10/10/12 4:00	38.025	22.037	34.564	36.173	27.418	29.945	36.717
10/1/12 4:00	38.106	37.990	33.145	10/10/12 5:00	38.021	22.033	34.562	36.143	27.425	29.943	36.717
10/1/12 4:20	38.099	37.983	33.142	10/10/12 6:00	38.009	22.040	34.569	36.113	27.422	29.950	36.721
10/1/12 4:40	38.101	37.987	33.142	10/10/12 7:00	38.002	22.037	34.564	36.075	27.427	29.945	36.724
10/1/12 5:00	38.099	37.980	33.145	10/10/12 8:00	37.995	22.040	34.571	36.050	27.441	29.950	36.731
10/1/12 5:20	38.101	37.985	33.145	10/10/12 9:00	38.002	22.040	34.601	36.019	27.446	29.973	36.747
10/1/12 5:40	38.099	37.983	33.142	10/10/12 10:00	37.995	22.058	34.592	36.014	27.446	29.969	36.747
10/1/12 6:00	38.102	37.983	33.145	10/10/12 11:00	37.972	22.061	34.587	36.068	27.429	29.966	36.745
10/1/12 6:20	38.106	37.990	33.145	10/10/12 12:00	37.941	22.042	34.573	36.131	27.408	29.955	36.735
10/1/12 6:40	38.106	37.987	33.140	10/10/12 13:00	37.909	22.023	34.555	36.148	27.392	29.936	36.721
10/1/12 7:00	38.106	37.987	33.140	10/10/12 14:00	37.869	22.000	34.552	36.213	27.350	29.987	36.719
10/1/12 7:20	38.099	37.983	33.138	10/10/12 15:00	37.827	21.972	34.508	36.033	27.310	29.973	36.686
10/1/12 7:40	38.111	37.992	33.142	10/10/12 16:00	37.797	21.944	34.471	36.000	27.275	29.931	36.654
10/1/12 8:00	38.120	38.006	33.163	10/10/12 17:00	37.771	21.921	34.438	35.972	27.247	29.866	36.623
10/1/12 8:20	38.636	38.791	33.180	10/10/12 18:00	37.767	21.902	34.412	35.954	27.245	29.835	36.595
10/1/12 8:40	38.794	38.960	33.206	10/10/12 19:00	37.767	21.905	34.424	35.949	27.226	29.845	36.595
10/1/12 9:00	38.845	39.013	33.321	10/10/12 20:00	37.785	21.902	34.394	35.947	27.231	29.807	36.576
10/1/12 9:20	38.843	38.974	33.290	10/10/12 21:00	37.792	21.921	34.389	35.963	27.228	29.751	36.567
10/1/12 9:40	38.915	39.086	33.302	10/10/12 22:00	37.799	21.923	34.385	35.968	27.224	29.721	36.562
10/1/12 10:00	38.925	39.056	33.320	10/10/12 23:00	37.799	21.923	34.382	35.972	27.224	29.700	36.560
10/1/12 10:20	38.995	39.172	33.342	10/11/12 0:00	37.809	21.921	34.392	35.972	27.217	29.690	36.569
10/1/12 10:40	39.032	39.217	33.360	10/11/12 1:00	37.816	21.916	34.375	35.977	27.212	29.669	36.555
10/1/12 11:00	39.025	39.179	33.375	10/11/12 2:00	37.809	21.928	34.371	35.982	27.198	29.655	36.546
10/1/12 11:20	38.999	39.158	33.389	10/11/12 3:00	37.809	21.912	34.356	35.975	27.188	29.655	36.534
10/1/12 11:40	38.999	39.142	33.400	10/11/12 4:00	37.795	21.909	34.345	35.972	27.167	29.653	36.525

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/1/12 12:00	39.069	39.240	33.410	10/11/12 5:00	37.790	21.888	34.329	35.961	27.161	29.644	36.511
10/1/12 12:20	39.125	39.313	33.421	10/11/12 6:00	37.799	21.886	34.319	35.958	27.161	29.632	36.504
10/1/12 12:40	39.132	39.327	33.431	10/11/12 7:00	37.809	21.893	34.319	35.963	27.165	29.618	36.502
10/1/12 13:00	39.060	39.196	33.436	10/11/12 8:00	37.806	21.893	34.319	35.972	27.156	29.611	36.504
10/1/12 13:20	39.090	39.254	33.438	10/11/12 9:00	37.823	21.891	34.319	35.968	27.170	29.609	36.506
10/1/12 13:40	39.099	39.287	33.445	10/11/12 10:00	37.823	21.905	34.333	35.982	27.165	29.632	36.525
10/1/12 14:00	39.130	39.327	33.447	10/11/12 11:00	37.837	21.900	34.329	35.984	27.172	29.658	36.520
10/1/12 14:20	39.144	39.324	33.447	10/11/12 12:00	37.841	21.914	34.333	35.993	27.172	29.728	36.525
10/1/12 14:40	39.141	39.308	33.447	10/11/12 13:00	37.832	21.907	34.340	35.996	27.158	29.709	36.532
10/1/12 15:00	39.057	39.165	33.450	10/11/12 14:00	37.820	21.891	34.324	35.986	27.147	29.693	36.516
10/1/12 15:20	39.023	39.177	33.450	10/11/12 15:00	37.820	21.881	34.308	35.977	27.142	29.679	36.502
10/1/12 15:40	39.027	39.116	33.447	10/11/12 16:00	37.837	21.886	34.303	35.979	27.151	29.672	36.492
10/1/12 16:00	39.132	39.329	33.447	10/11/12 17:00	37.853	21.907	34.312	35.993	27.177	29.679	36.497
10/1/12 16:20	39.100	39.263	33.450	10/11/12 18:00	37.872	21.916	34.364	36.007	27.196	29.709	36.516
10/1/12 16:40	39.083	39.243	33.454	10/11/12 19:00	37.914	21.925	34.382	36.038	27.252	29.726	36.574
10/1/12 17:00	39.076	39.210	33.457	10/11/12 20:00	37.960	21.963	34.459	36.089	27.312	29.786	36.665
10/1/12 17:20	39.092	39.203	33.459	10/11/12 21:00	38.007	22.002	34.536	36.136	27.382	29.852	36.763
10/1/12 17:40	39.102	39.273	33.459	10/11/12 22:00	38.037	22.040	34.610	36.180	27.422	29.922	36.850
10/1/12 18:00	39.051	39.224	33.529	10/11/12 23:00	38.035	22.063	34.648	36.204	27.443	29.966	36.885
10/1/12 18:20	39.023	39.116	33.492	10/12/12 0:00	38.028	22.061	34.671	36.206	27.462	29.990	36.913
10/1/12 18:40	38.794	38.714	33.555	10/12/12 1:00	38.014	22.051	34.708	36.204	27.471	30.013	36.946
10/1/12 19:00	38.568	38.466	33.494	10/12/12 2:00	38.016	22.044	34.727	36.206	27.492	30.027	36.969
10/1/12 19:20	38.484	38.378	33.459	10/12/12 3:00	37.993	22.054	34.746	36.211	27.492	30.053	36.995
10/1/12 19:40	38.430	38.322	33.438	10/12/12 4:00	37.967	22.042	34.753	36.197	27.485	30.053	37.000
10/1/12 20:00	38.398	38.286	33.417	10/12/12 5:00	37.974	22.033	34.748	36.173	27.502	30.048	37.000
10/1/12 20:20	38.367	38.256	33.405	10/12/12 6:00	37.974	22.047	34.753	36.183	27.506	30.062	36.993
10/1/12 20:40	38.346	38.235	33.393	10/12/12 7:00	37.962	22.054	34.753	36.183	27.516	30.067	36.981
10/1/12 21:00	38.328	38.216	33.386	10/12/12 8:00	37.967	22.051	34.762	36.176	27.534	30.067	36.986
10/1/12 21:20	38.316	38.202	33.377	10/12/12 9:00	37.969	22.061	34.797	36.169	27.520	30.090	36.969
10/1/12 21:40	38.304	38.193	33.370	10/12/12 10:00	37.965	22.065	34.734	36.157	27.506	30.076	36.941
10/1/12 22:00	38.295	38.181	33.363	10/12/12 11:00	37.953	22.061	34.701	36.150	27.492	30.057	36.880
10/1/12 22:20	38.290	38.179	33.358	10/12/12 12:00	37.927	22.056	34.673	36.134	27.469	30.032	36.841
10/1/12 22:40	38.283	38.170	33.353	10/12/12 13:00	37.907	22.047	34.645	36.113	27.441	30.008	36.810
10/1/12 23:00	38.423	38.354	33.353	10/12/12 14:00	37.872	22.023	34.613	36.089	27.408	29.983	36.775

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/1/12 23:20	38.437	38.364	33.356	10/12/12 15:00	37.834	22.000	34.580	36.059	27.366	29.955	36.742
10/1/12 23:40	38.302	38.188	33.353	10/12/12 16:00	37.827	21.977	34.534	36.028	27.347	29.908	36.696
10/2/12 0:00	38.435	38.408	33.349	10/12/12 17:00	37.813	21.972	34.508	36.017	27.319	29.884	36.661
10/2/12 0:20	38.295	38.181	33.344	10/12/12 18:00	37.771	21.965	34.478	36.005	27.277	29.859	36.635
10/2/12 0:40	38.276	38.163	33.339	10/12/12 19:00	37.774	21.928	34.438	35.968	27.266	29.814	36.602
10/2/12 1:00	38.267	38.153	33.335	10/12/12 20:00	37.790	21.937	34.426	35.970	27.275	29.800	36.586
10/2/12 1:20	38.258	38.144	33.330	10/12/12 21:00	37.764	21.951	34.438	35.979	27.240	29.810	36.595
10/2/12 1:40	38.253	38.139	33.328	10/12/12 22:00	37.741	21.916	34.406	35.956	27.203	29.777	36.574
10/2/12 2:00	38.248	38.132	33.323	10/12/12 23:00	37.734	21.888	34.371	35.935	27.184	29.744	36.551
10/2/12 2:20	38.241	38.128	33.318	10/13/12 0:00	37.695	21.879	34.350	35.930	27.135	29.721	36.532
10/2/12 2:40	38.237	38.121	33.311	10/13/12 1:00	37.671	21.837	34.308	35.893	27.097	29.679	36.497
10/2/12 3:00	38.230	38.116	33.309	10/13/12 2:00	37.678	21.816	34.273	35.874	27.086	29.639	36.462
10/2/12 3:20	38.227	38.111	33.304	10/13/12 3:00	37.776	21.825	34.254	35.881	27.153	29.623	36.438
10/2/12 3:40	38.220	38.102	33.299	10/13/12 4:00	37.711	21.895	34.331	35.979	27.081	29.693	36.483
10/2/12 4:00	38.218	38.102	33.295	10/13/12 5:00	37.702	21.823	34.259	35.907	27.060	29.632	36.457
10/2/12 4:20	38.211	38.097	33.295	10/13/12 6:00	37.716	21.816	34.233	35.900	27.048	29.595	36.415
10/2/12 4:40	38.211	38.095	33.290	10/13/12 7:00	37.667	21.816	34.214	35.907	26.999	29.590	36.401
10/2/12 5:00	38.206	38.093	33.288	10/13/12 8:00	37.655	21.765	34.179	35.870	26.967	29.541	36.375
10/2/12 5:20	38.211	38.095	33.482	10/13/12 9:00	37.688	21.746	34.154	35.853	26.983	29.520	36.361
10/2/12 5:40	38.213	38.100	33.321	10/13/12 10:00	37.695	21.779	34.159	35.881	26.978	29.524	36.364
10/2/12 6:00	38.209	38.093	33.299	10/13/12 11:00	37.704	21.774	34.154	35.886	26.969	29.513	36.354
10/2/12 6:20	38.206	38.093	33.292	10/13/12 12:00	37.688	21.772	34.149	35.891	26.950	29.508	36.347
10/2/12 6:40	38.209	38.093	33.288	10/13/12 13:00	37.678	21.746	34.140	35.879	26.929	29.494	36.354
10/2/12 7:00	38.211	38.095	33.288	10/13/12 14:00	37.648	21.725	34.124	35.874	26.889	29.475	36.345
10/2/12 7:20	38.209	38.093	33.285	10/13/12 15:00	37.618	21.692	34.086	35.846	26.852	29.438	36.321
10/2/12 7:40	38.209	38.095	33.285	10/13/12 16:00	37.620	21.662	34.063	35.828	26.836	29.403	36.303
10/2/12 8:00	38.206	38.088	33.285	10/13/12 17:00	37.615	21.660	34.040	35.825	26.822	29.387	36.277
10/2/12 8:20	38.206	38.090	33.285	10/13/12 18:00	37.629	21.650	34.030	35.828	26.815	29.373	36.263
10/2/12 8:40	38.204	38.088	33.285	10/13/12 19:00	37.641	21.662	34.014	35.837	26.808	29.361	36.235
10/2/12 9:00	38.206	38.090	33.285	10/13/12 20:00	37.667	21.655	34.000	35.842	26.815	29.349	36.221
10/2/12 9:20	38.204	38.086	33.283	10/13/12 21:00	37.727	21.667	34.003	35.860	26.845	29.352	36.216
10/2/12 9:40	38.206	38.090	33.283	10/13/12 22:00	37.744	21.709	34.028	35.902	26.850	29.380	36.235
10/2/12 10:00	38.202	38.088	33.281	10/13/12 23:00	37.760	21.704	34.030	35.914	26.857	29.387	36.244
10/2/12 10:20	38.202	38.088	33.281	10/14/12 0:00	37.771	21.711	34.037	35.923	26.861	29.391	36.251

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/2/12 10:40	38.202	38.086	33.278	10/14/12 1:00	37.837	21.718	34.044	35.935	26.936	29.394	36.258
10/2/12 11:00	38.202	38.086	33.274	10/14/12 2:00	37.869	21.762	34.152	36.014	26.985	29.468	36.357
10/2/12 11:20	38.218	38.104	33.356	10/14/12 3:00	37.918	21.790	34.212	36.047	27.044	29.522	36.445
10/2/12 11:40	38.211	38.095	33.302	10/14/12 4:00	37.941	21.823	34.282	36.091	27.065	29.588	36.532
10/2/12 12:00	38.199	38.086	33.283	10/14/12 5:00	37.969	21.835	34.280	36.099	27.107	29.613	36.525
10/2/12 12:20	38.202	38.095	33.271	10/14/12 6:00	38.011	21.865	34.326	36.136	27.146	29.644	36.548
10/2/12 12:40	38.190	38.074	33.262	10/14/12 7:00	38.037	21.907	34.343	36.155	27.177	29.683	36.558
10/2/12 13:00	38.181	38.067	33.253	10/14/12 8:00	38.074	21.930	34.359	36.169	27.221	29.709	36.555
10/2/12 13:20	38.190	38.083	33.241	10/14/12 9:00	38.091	21.970	34.389	36.201	27.266	29.751	36.569
10/2/12 13:40	38.162	38.048	33.229	10/14/12 10:00	38.097	21.993	34.445	36.225	27.308	29.791	36.639
10/2/12 14:00	38.153	38.039	33.217	10/14/12 11:00	38.100	22.002	34.513	36.241	27.343	29.845	36.707
10/2/12 14:20	38.141	38.027	33.206	10/14/12 12:00	38.095	22.009	34.562	36.250	27.373	29.882	36.782
10/2/12 14:40	38.220	38.109	33.621	10/14/12 13:00	38.063	22.014	34.606	36.255	27.378	29.920	36.850
10/2/12 15:00	38.269	38.167	33.752	10/14/12 14:00	38.021	21.993	34.624	36.236	27.366	29.931	36.878
10/2/12 15:20	38.248	38.144	33.466	10/14/12 15:00	38.002	21.965	34.620	36.204	27.378	29.927	36.887
10/2/12 15:40	38.202	38.095	33.346	10/14/12 16:00	37.976	21.963	34.645	36.192	27.368	29.943	36.901
10/2/12 16:00	38.178	38.069	33.288	10/14/12 17:00	37.953	21.958	34.620	36.166	27.343	29.931	36.885
10/2/12 16:20	38.155	38.043	33.252	10/14/12 18:00	37.934	21.946	34.571	36.134	27.319	29.903	36.808
10/2/12 16:40	38.141	38.027	33.224	10/14/12 19:00	37.927	21.942	34.522	36.113	27.315	29.870	36.726
10/2/12 17:00	38.125	38.011	33.203	10/14/12 20:00	37.930	21.946	34.508	36.101	27.310	29.859	36.693
10/2/12 17:20	38.116	38.001	33.194	10/14/12 21:00	37.930	21.951	34.487	36.099	27.308	29.849	36.661
10/2/12 17:40	38.104	37.990	33.180	10/14/12 22:00	37.930	21.960	34.478	36.098	27.308	29.845	36.647
10/2/12 18:00	38.099	37.985	33.168	10/14/12 23:00	37.930	21.970	34.471	36.096	27.310	29.842	36.639
10/2/12 18:20	38.090	37.976	33.161	10/15/12 0:00	37.921	21.974	34.471	36.096	27.301	29.840	36.637
10/2/12 18:40	38.087	37.971	33.156	10/15/12 1:00	37.916	21.963	34.461	36.087	27.294	29.833	36.628
10/2/12 19:00	38.085	37.969	33.152	10/15/12 2:00	37.907	21.960	34.452	36.082	27.287	29.828	36.621
10/2/12 19:20	38.104	37.990	33.206	10/15/12 3:00	37.902	21.963	34.445	36.073	27.277	29.819	36.607
10/2/12 19:40	38.092	37.978	33.171	10/15/12 4:00	37.895	21.953	34.433	36.066	27.289	29.807	36.595
10/2/12 20:00	38.087	37.971	33.156	10/15/12 5:00	37.879	21.963	34.464	36.059	27.259	29.817	36.588
10/2/12 20:20	38.090	37.973	33.152	10/15/12 6:00	37.874	21.942	34.415	36.045	27.249	29.791	36.579
10/2/12 20:40	38.090	37.971	33.152	10/15/12 7:00	37.865	21.939	34.403	36.038	27.242	29.779	36.565
10/2/12 21:00	38.087	37.973	33.149	10/15/12 8:00	37.869	21.937	34.396	36.033	27.245	29.770	36.558
10/2/12 21:20	38.090	37.971	33.152	10/15/12 9:00	37.872	21.942	34.399	36.035	27.242	29.772	36.562
10/2/12 21:40	38.090	37.976	33.149	10/15/12 10:00	37.869	21.944	34.394	36.035	27.240	29.770	36.565

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/2/12 22:00	38.097	37.978	33.147	10/15/12 11:00	37.851	21.944	34.394	36.035	27.228	29.768	36.567
10/2/12 22:20	38.109	37.990	33.149	10/15/12 12:00	37.841	21.928	34.398	36.019	27.214	29.763	36.576
10/2/12 22:40	38.111	37.992	33.149	10/15/12 13:00	37.820	21.914	34.380	36.012	27.193	29.749	36.560
10/2/12 23:00	38.108	37.990	33.152	10/15/12 14:00	37.781	21.895	34.361	35.996	27.149	29.730	36.553
10/2/12 23:20	38.108	37.990	33.152	10/15/12 15:00	37.743	21.856	34.322	35.961	27.118	29.690	36.523
10/2/12 23:40	38.106	37.990	33.152	10/15/12 16:00	37.723	21.828	34.315	35.928	27.083	29.669	36.502
10/3/12 0:00	38.106	37.987	33.152	10/15/12 17:00	37.709	21.807	34.263	35.912	27.055	29.625	36.464
10/3/12 0:20	38.104	37.985	33.152	10/15/12 18:00	37.702	21.793	34.231	35.900	27.034	29.595	36.429
10/3/12 0:40	38.101	37.985	33.152	10/15/12 19:00	37.702	21.781	34.210	35.893	27.037	29.574	36.403
10/3/12 1:00	38.104	37.985	33.152	10/15/12 20:00	37.718	21.774	34.224	35.893	27.032	29.576	36.408
10/3/12 1:20	38.101	37.983	33.149	10/15/12 21:00	37.727	21.788	34.214	35.907	27.025	29.571	36.413
10/3/12 1:40	38.101	37.980	33.147	10/15/12 22:00	37.727	21.786	34.205	35.912	27.011	29.564	36.408
10/3/12 2:00	38.099	37.983	33.149	10/15/12 23:00	37.732	21.776	34.191	35.912	27.004	29.550	36.396
10/3/12 2:20	38.099	37.983	33.147	10/16/12 0:00	37.737	21.767	34.184	35.912	26.995	29.543	36.389
10/3/12 2:40	38.097	37.978	33.147	10/16/12 1:00	37.727	21.776	34.175	35.916	26.978	29.536	36.382
10/3/12 3:00	38.094	37.978	33.145	10/16/12 2:00	37.736	21.760	34.159	35.907	26.974	29.517	36.368
10/3/12 3:20	38.095	37.976	33.142	10/16/12 3:00	37.732	21.755	34.149	35.914	26.957	29.513	36.359
10/3/12 3:40	38.092	37.976	33.142	10/16/12 4:00	37.720	21.755	34.138	35.909	26.934	29.499	36.340
10/3/12 4:00	38.094	37.978	33.140	10/16/12 5:00	37.750	21.730	34.114	35.898	26.957	29.475	36.321
10/3/12 4:20	38.092	37.976	33.145	10/16/12 6:00	37.767	21.760	34.135	35.909	26.955	29.494	36.331
10/3/12 4:40	38.092	37.976	33.145	10/16/12 7:00	37.760	21.762	34.126	35.914	26.941	29.492	36.319
10/3/12 5:00	38.092	37.973	33.142	10/16/12 8:00	37.778	21.748	34.114	35.912	26.953	29.475	36.312
10/3/12 5:20	38.092	37.978	33.142	10/16/12 9:00	37.792	21.769	34.124	35.916	26.957	29.485	36.319
10/3/12 5:40	38.090	37.973	33.140	10/16/12 10:00	37.804	21.772	34.126	35.914	26.978	29.489	36.326
10/3/12 6:00	38.094	37.976	33.142	10/16/12 11:00	37.818	21.772	34.166	35.958	26.983	29.515	36.349
10/3/12 6:20	38.092	37.976	33.142	10/16/12 12:00	37.797	21.781	34.170	36.021	26.983	29.520	36.382
10/3/12 6:40	38.094	37.976	33.142	10/16/12 13:00	37.774	21.762	34.201	36.052	26.948	29.524	36.396
10/3/12 7:00	38.092	37.973	33.140	10/16/12 14:00	37.732	21.737	34.149	35.942	26.903	29.496	36.385
10/3/12 7:20	38.092	37.976	33.138	10/16/12 15:00	37.706	21.695	34.107	35.905	26.878	29.454	36.347
10/3/12 7:40	38.111	37.994	33.239	10/16/12 16:00	37.697	21.671	34.084	35.884	26.854	29.429	36.324
10/3/12 8:00	38.106	37.987	33.168	10/16/12 17:00	37.685	21.660	34.056	35.874	26.831	29.403	36.289
10/3/12 8:20	38.099	37.983	33.154	10/16/12 18:00	37.678	21.646	34.030	35.863	26.822	29.380	36.258
10/3/12 8:40	38.092	37.978	33.145	10/16/12 19:00	37.683	21.639	34.028	35.860	26.810	29.373	36.251
10/3/12 9:00	38.092	37.973	33.135	10/16/12 20:00	37.704	21.636	34.010	35.863	26.815	29.356	36.235

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/3/12 9:20	38.090	37.973	33.135	10/16/12 21:00	37.690	21.648	34.012	35.879	26.794	29.359	36.235
10/3/12 9:40	38.150	38.093	33.131	10/16/12 22:00	37.695	21.629	33.993	35.867	26.787	29.340	36.228
10/3/12 10:00	38.216	38.160	33.133	10/16/12 23:00	37.692	21.627	33.986	35.872	26.777	29.333	36.223
10/3/12 10:20	38.227	38.121	33.135	10/17/12 0:00	37.699	21.615	33.977	35.867	26.777	29.321	36.219
10/3/12 10:40	38.237	38.128	33.140	10/17/12 1:00	37.704	21.622	33.977	35.872	26.761	29.316	36.214
10/3/12 11:00	38.468	38.576	33.147	10/17/12 2:00	37.690	21.606	33.965	35.874	26.742	29.309	36.207
10/3/12 11:20	38.372	38.296	33.161	10/17/12 3:00	37.702	21.590	33.947	35.860	26.756	29.291	36.193
10/3/12 11:40	38.496	38.572	33.159	10/17/12 4:00	37.748	21.597	33.970	35.872	26.780	29.305	36.200
10/3/12 12:00	38.442	38.450	33.175	10/17/12 5:00	37.776	21.639	33.986	35.914	26.796	29.328	36.214
10/3/12 12:20	38.505	38.469	33.173	10/17/12 6:00	37.785	21.650	33.989	35.933	26.801	29.335	36.216
10/3/12 12:40	38.489	38.492	33.243	10/17/12 7:00	37.816	21.657	33.991	35.937	26.826	29.335	36.209
10/3/12 13:00	38.454	38.434	33.208	10/17/12 8:00	37.883	21.669	34.030	35.979	26.908	29.363	36.240
10/3/12 13:20	38.381	38.382	33.194	10/17/12 9:00	37.934	21.727	34.124	36.042	26.962	29.443	36.361
10/3/12 13:40	38.556	38.621	33.187	10/17/12 10:00	37.962	21.772	34.184	36.087	27.013	29.506	36.422
10/3/12 14:00	38.465	38.546	33.180	10/17/12 11:00	37.974	21.793	34.256	36.122	27.051	29.557	36.504
10/3/12 14:20	38.423	38.420	33.177	10/17/12 12:00	37.958	21.802	34.308	36.136	27.069	29.604	36.579
10/3/12 14:40	38.570	38.593	33.180	10/17/12 13:00	37.937	21.790	34.347	36.131	27.079	29.634	36.642
10/3/12 15:00	38.528	38.415	33.180	10/17/12 14:00	37.923	21.769	34.368	36.117	27.088	29.646	36.670
10/3/12 15:20	38.535	38.518	33.175	10/17/12 15:00	37.923	21.765	34.382	36.110	27.123	29.655	36.689
10/3/12 15:40	38.433	38.396	33.175	10/17/12 16:00	37.934	21.779	34.478	36.117	27.160	29.676	36.703
10/3/12 16:00	38.565	38.597	33.173	10/17/12 17:00	37.955	21.790	34.492	36.131	27.193	29.744	36.761
10/3/12 16:20	38.558	38.593	33.168	10/17/12 18:00	37.958	21.814	34.517	36.150	27.198	29.775	36.782
10/3/12 16:40	38.537	38.609	33.168	10/17/12 19:00	37.967	21.825	34.494	36.152	27.207	29.772	36.775
10/3/12 17:00	38.673	38.761	33.171	10/17/12 20:00	37.990	21.834	34.473	36.150	27.233	29.775	36.728
10/3/12 17:20	38.624	38.710	33.175	10/17/12 21:00	37.983	21.862	34.489	36.157	27.219	29.798	36.705
10/3/12 17:40	38.393	38.368	33.182	10/17/12 22:00	37.981	21.862	34.436	36.143	27.214	29.772	36.649
10/3/12 18:00	38.423	38.417	33.180	10/17/12 23:00	37.986	21.872	34.417	36.136	27.224	29.763	36.611
10/3/12 18:20	38.600	38.588	33.180	10/18/12 0:00	37.990	21.883	34.412	36.138	27.226	29.763	36.595
10/3/12 18:40	38.419	38.347	33.185	10/18/12 1:00	37.974	21.883	34.406	36.141	27.219	29.770	36.590
10/3/12 19:00	38.358	38.336	33.185	10/18/12 2:00	37.976	21.886	34.398	36.124	27.242	29.758	36.579
10/3/12 19:20	38.251	38.142	33.227	10/18/12 3:00	37.974	21.895	34.436	36.127	27.233	29.784	36.588
10/3/12 19:40	38.232	38.121	33.196	10/18/12 4:00	37.962	21.902	34.412	36.096	27.249	29.770	36.581
10/3/12 20:00	38.241	38.160	33.182	10/18/12 5:00	37.958	21.904	34.457	36.096	27.259	29.791	36.651
10/3/12 20:20	38.239	38.170	33.178	10/18/12 6:00	37.944	21.904	34.468	36.066	27.252	29.803	36.679

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/3/12 20:40	38.400	38.317	33.410	10/18/12 7:00	37.930	21.902	34.447	36.024	27.242	29.798	36.661
10/3/12 21:00	38.540	38.530	33.640	10/18/12 8:00	37.916	21.895	34.440	36.012	27.249	29.784	36.623
10/3/12 21:20	38.631	38.649	33.644	10/18/12 9:00	37.909	21.890	34.475	36.007	27.282	29.798	36.684
10/3/12 21:40	38.556	38.579	33.644	10/18/12 10:00	37.913	21.888	34.550	36.021	27.289	29.840	36.749
10/3/12 22:00	38.635	38.609	33.797	10/18/12 11:00	37.907	21.900	34.545	36.056	27.296	29.852	36.787
10/3/12 22:20	38.523	38.518	33.701	10/18/12 12:00	37.888	21.893	34.555	36.115	27.287	29.856	36.796
10/3/12 22:40	38.449	38.352	33.862	10/18/12 13:00	37.869	21.879	34.550	36.138	27.280	29.852	36.789
10/3/12 23:00	38.444	38.338	33.841	10/18/12 14:00	37.839	21.860	34.538	36.183	27.259	29.840	36.784
10/3/12 23:20	38.437	38.336	33.778	10/18/12 15:00	37.825	21.841	34.534	36.066	27.252	29.824	36.770
10/3/12 23:40	38.479	38.408	33.977	10/18/12 16:00	37.832	21.827	34.517	36.054	27.249	29.819	36.756
10/4/12 0:00	38.486	38.389	33.865	10/18/12 17:00	37.844	21.834	34.513	36.059	27.261	29.817	36.752
10/4/12 0:20	38.668	38.646	34.041	10/18/12 18:00	37.862	21.846	34.515	36.070	27.277	29.821	36.735
10/4/12 0:40	39.023	39.177	33.949	10/18/12 19:00	37.881	21.867	34.536	36.094	27.312	29.838	36.761
10/4/12 1:00	39.109	39.289	33.942	10/18/12 20:00	37.904	21.886	34.582	36.115	27.317	29.877	36.813
10/4/12 1:20	39.195	39.362	34.109	10/18/12 21:00	37.918	21.902	34.555	36.113	27.322	29.877	36.775
10/4/12 1:40	39.253	39.432	34.024	10/18/12 22:00	37.925	21.914	34.550	36.127	27.326	29.875	36.738
10/4/12 2:00	39.295	39.446	34.207	10/18/12 23:00	37.920	21.925	34.545	36.122	27.317	29.882	36.752
10/4/12 2:20	39.309	39.467	34.170	10/19/12 0:00	37.918	21.916	34.531	36.122	27.319	29.870	36.714
10/4/12 2:40	39.272	39.376	34.120	10/19/12 1:00	37.907	21.921	34.531	36.113	27.310	29.873	36.731
10/4/12 3:00	39.326	39.490	34.296	10/19/12 2:00	37.895	21.914	34.520	36.115	27.317	29.859	36.698
10/4/12 3:20	39.363	39.546	34.188	10/19/12 3:00	37.897	21.909	34.552	36.112	27.338	29.873	36.763
10/4/12 3:40	39.428	39.612	34.329	10/19/12 4:00	37.897	21.911	34.606	36.117	27.340	29.887	36.770
10/4/12 4:00	39.083	39.072	34.296	10/19/12 5:00	37.900	21.914	34.592	36.122	27.340	29.903	36.813
10/4/12 4:20	39.316	39.448	34.217	10/19/12 6:00	37.913	21.916	34.585	36.119	27.343	29.903	36.806
10/4/12 4:40	39.302	39.371	34.402	10/19/12 7:00	37.920	21.935	34.557	36.117	27.340	29.898	36.756
10/4/12 5:00	39.449	39.633	34.292	10/19/12 8:00	37.923	21.942	34.541	36.122	27.350	29.887	36.710
10/4/12 5:20	39.470	39.651	34.376	10/19/12 9:00	37.934	21.946	34.559	36.133	27.366	29.898	36.733
10/4/12 5:40	39.351	39.432	34.411	10/19/12 10:00	37.946	21.956	34.580	36.145	27.406	29.915	36.763
10/4/12 6:00	39.508	39.682	34.310	10/19/12 11:00	37.939	21.970	34.657	36.164	27.410	29.959	36.822
10/4/12 6:20	39.505	39.675	34.510	10/19/12 12:00	37.925	21.967	34.657	36.166	27.410	29.971	36.873
10/4/12 6:40	39.445	39.574	34.402	10/19/12 13:00	37.907	21.953	34.666	36.159	27.401	29.973	36.894
10/4/12 7:00	39.407	39.509	34.409	10/19/12 14:00	37.860	21.937	34.662	36.143	27.368	29.969	36.899
10/4/12 7:20	39.382	39.455	34.507	10/19/12 15:00	37.841	21.902	34.641	36.108	27.354	29.941	36.885
10/4/12 7:40	39.342	39.371	34.385	10/19/12 16:00	37.825	21.888	34.627	36.094	27.352	29.929	36.876

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/4/12 8:00	39.106	39.112	34.142	10/19/12 17:00	37.813	21.874	34.641	36.080	27.324	29.929	36.857
10/4/12 8:20	39.326	39.401	34.057	10/19/12 18:00	37.813	21.860	34.585	36.061	27.298	29.901	36.824
10/4/12 8:40	39.335	39.469	34.015	10/19/12 19:00	37.818	21.869	34.524	36.052	27.333	29.861	36.724
10/4/12 9:00	39.251	39.291	34.052	10/19/12 20:00	37.825	21.876	34.634	36.038	27.303	29.887	36.686
10/4/12 9:20	39.167	39.270	33.998	10/19/12 21:00	37.820	21.883	34.527	36.038	27.270	29.868	36.682
10/4/12 9:40	39.330	39.441	33.973	10/19/12 22:00	37.825	21.874	34.461	36.031	27.263	29.821	36.614
10/4/12 10:00	39.251	39.334	33.956	10/19/12 23:00	37.834	21.881	34.447	36.031	27.254	29.812	36.590
10/4/12 10:20	39.265	39.380	33.940	10/20/12 0:00	37.839	21.886	34.426	36.035	27.245	29.796	36.565
10/4/12 10:40	39.226	39.296	33.928	10/20/12 1:00	37.832	21.893	34.408	36.035	27.226	29.784	36.551
10/4/12 11:00	39.258	39.392	33.921	10/20/12 2:00	37.827	21.876	34.389	36.026	27.224	29.768	36.539
10/4/12 11:20	39.349	39.495	33.912	10/20/12 3:00	37.827	21.876	34.396	36.021	27.210	29.765	36.544
10/4/12 11:40	39.316	39.406	33.902	10/20/12 4:00	37.820	21.872	34.375	36.021	27.191	29.749	36.530
10/4/12 12:00	39.302	39.415	33.898	10/20/12 5:00	37.804	21.858	34.352	36.012	27.172	29.733	36.513
10/4/12 12:20	39.223	39.296	33.895	10/20/12 6:00	37.802	21.844	34.336	35.998	27.158	29.709	36.494
10/4/12 12:40	39.202	39.249	33.884	10/20/12 7:00	37.795	21.837	34.319	35.993	27.142	29.695	36.478
10/4/12 13:00	39.207	39.334	33.872	10/20/12 8:00	37.795	21.832	34.305	35.986	27.137	29.679	36.462
10/4/12 13:20	39.174	39.247	33.862	10/20/12 9:00	37.813	21.834	34.298	35.986	27.139	29.672	36.457
10/4/12 13:40	38.932	38.936	33.851	10/20/12 10:00	37.818	21.851	34.296	35.998	27.137	29.674	36.455
10/4/12 14:00	39.134	39.151	33.837	10/20/12 11:00	37.827	21.855	34.291	36.021	27.144	29.669	36.450
10/4/12 14:20	38.976	39.041	33.940	10/20/12 12:00	37.820	21.853	34.308	36.007	27.130	29.681	36.466
10/4/12 14:40	39.074	39.105	33.848	10/20/12 13:00	37.809	21.837	34.289	36.000	27.109	29.665	36.455
10/4/12 15:00	39.120	39.240	33.825	10/20/12 14:00	37.781	21.823	34.273	35.989	27.081	29.648	36.445
10/4/12 15:20	38.885	38.889	33.808	10/20/12 15:00	37.757	21.797	34.247	35.968	27.053	29.618	36.429
10/4/12 15:40	39.039	39.086	33.792	10/20/12 16:00	37.741	21.774	34.224	35.947	27.030	29.595	36.413
10/4/12 16:00	38.962	38.894	33.778	10/20/12 17:00	37.750	21.765	34.203	35.935	27.025	29.571	36.394
10/4/12 16:20	38.871	38.939	33.764	10/20/12 18:00	37.755	21.767	34.198	35.940	27.023	29.564	36.385
10/4/12 16:40	38.806	38.838	33.752	10/20/12 19:00	37.769	21.765	34.191	35.944	27.034	29.557	36.375
10/4/12 17:00	38.722	38.693	33.740	10/20/12 20:00	37.788	21.779	34.219	35.954	27.034	29.576	36.385
10/4/12 17:20	38.740	38.775	33.724	10/20/12 21:00	37.804	21.785	34.205	35.968	27.041	29.571	36.385
10/4/12 17:40	38.617	38.530	33.710	10/20/12 22:00	37.816	21.797	34.208	35.977	27.053	29.576	36.385
10/4/12 18:00	38.601	38.502	33.696	10/20/12 23:00	37.823	21.802	34.221	35.986	27.055	29.588	36.403
10/4/12 18:20	38.554	38.445	33.684	10/21/12 0:00	37.841	21.804	34.226	35.993	27.067	29.590	36.413
10/4/12 18:40	38.526	38.415	33.672	10/21/12 1:00	37.841	21.813	34.233	36.007	27.065	29.599	36.417
10/4/12 19:00	38.503	38.392	33.658	10/21/12 2:00	37.855	21.809	34.231	36.007	27.072	29.599	36.417

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/4/12 19:20	38.491	38.380	33.651	10/21/12 3:00	37.851	21.818	34.235	36.014	27.067	29.606	36.422
10/4/12 19:40	38.477	38.366	33.642	10/21/12 4:00	37.844	21.813	34.233	36.012	27.060	29.604	36.422
10/4/12 20:00	38.484	38.373	33.689	10/21/12 5:00	37.839	21.809	34.231	36.005	27.058	29.599	36.420
10/4/12 20:20	38.465	38.354	33.654	10/21/12 6:00	37.853	21.811	34.226	36.003	27.067	29.592	36.420
10/4/12 20:40	38.449	38.338	33.635	10/21/12 7:00	37.858	21.820	34.233	36.014	27.079	29.599	36.420
10/4/12 21:00	38.440	38.331	33.623	10/21/12 8:00	37.862	21.823	34.249	36.017	27.076	29.613	36.434
10/4/12 21:20	38.440	38.329	33.623	10/21/12 9:00	37.876	21.825	34.242	36.021	27.093	29.613	36.429
10/4/12 21:40	38.440	38.326	33.623	10/21/12 10:00	37.888	21.846	34.252	36.033	27.100	29.620	36.431
10/4/12 22:00	38.428	38.319	33.618	10/21/12 11:00	37.886	21.853	34.259	36.040	27.097	29.630	36.436
10/4/12 22:20	38.433	38.315	33.609	10/21/12 12:00	37.876	21.853	34.256	36.040	27.090	29.632	36.438
10/4/12 22:40	38.426	38.315	33.611	10/21/12 13:00	37.853	21.841	34.252	36.031	27.086	29.623	36.436
10/4/12 23:00	38.419	38.305	33.604	10/21/12 14:00	37.837	21.818	34.261	36.012	27.081	29.627	36.450
10/4/12 23:20	38.426	38.312	33.609	10/21/12 15:00	37.813	21.804	34.277	35.998	27.053	29.630	36.459
10/4/12 23:40	38.523	38.530	33.595	10/21/12 16:00	37.797	21.781	34.240	35.982	27.055	29.599	36.450
10/5/12 0:00	38.437	38.324	33.609	10/21/12 17:00	37.795	21.774	34.273	35.970	27.034	29.585	36.438
10/5/12 0:20	38.426	38.310	33.600	10/21/12 18:00	37.799	21.764	34.224	35.965	27.046	29.578	36.429
10/5/12 0:40	38.503	38.350	33.600	10/21/12 19:00	37.818	21.776	34.228	35.970	27.093	29.578	36.424
10/5/12 1:00	38.423	38.308	33.597	10/21/12 20:00	37.832	21.788	34.310	35.986	27.125	29.620	36.480
10/5/12 1:20	38.414	38.305	33.593	10/21/12 21:00	37.837	21.806	34.364	36.019	27.139	29.672	36.597
10/5/12 1:40	38.652	38.653	33.588	10/21/12 22:00	37.848	21.804	34.392	36.028	27.149	29.697	36.665
10/5/12 2:00	38.458	38.352	33.593	10/21/12 23:00	37.853	21.818	34.392	36.031	27.139	29.709	36.663
10/5/12 2:20	38.433	38.322	33.588	10/22/12 0:00	37.844	21.820	34.357	36.026	27.121	29.695	36.593
10/5/12 2:40	38.419	38.305	33.586	10/22/12 1:00	37.848	21.809	34.324	36.017	27.114	29.672	36.539
10/5/12 3:00	38.405	38.291	33.576	10/22/12 2:00	37.846	21.816	34.305	36.017	27.104	29.660	36.506
10/5/12 3:20	38.402	38.291	33.574	10/22/12 3:00	37.855	21.809	34.289	36.014	27.107	29.648	36.480
10/5/12 3:40	38.409	38.296	33.769	10/22/12 4:00	37.862	21.818	34.284	36.019	27.114	29.646	36.469
10/5/12 4:00	38.486	38.476	33.607	10/22/12 5:00	37.876	21.830	34.287	36.026	27.123	29.651	36.466
10/5/12 4:20	38.482	38.452	33.590	10/22/12 6:00	37.902	21.846	34.294	36.038	27.144	29.660	36.476
10/5/12 4:40	38.516	38.497	33.581	10/22/12 7:00	37.925	21.862	34.310	36.056	27.170	29.674	36.483
10/5/12 5:00	38.603	38.658	33.579	10/22/12 8:00	37.955	21.890	34.333	36.077	27.205	29.695	36.499
10/5/12 5:20	38.440	38.331	33.583	10/22/12 9:00	37.969	21.921	34.373	36.108	27.240	29.733	36.544
10/5/12 5:40	38.416	38.301	33.574	10/22/12 10:00	37.965	21.928	34.431	36.126	27.256	29.779	36.616
10/5/12 6:00	38.402	38.289	33.567	10/22/12 11:00	37.995	21.942	34.459	36.136	27.287	29.793	36.656
10/5/12 6:20	38.388	38.275	33.555	10/22/12 12:00	37.974	21.963	34.475	36.147	27.280	29.828	36.684

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/5/12 6:40	38.391	38.277	33.555	10/22/12 13:00	37.983	21.946	34.475	36.136	27.289	29.824	36.670
10/5/12 7:00	38.379	38.268	33.548	10/22/12 14:00	37.953	21.963	34.471	36.138	27.268	29.831	36.663
10/5/12 7:20	38.374	38.261	33.541	10/22/12 15:00	37.909	21.939	34.440	36.108	27.240	29.810	36.628
10/5/12 7:40	38.374	38.258	33.541	10/22/12 16:00	37.927	21.914	34.412	36.070	27.261	29.772	36.597
10/5/12 8:00	38.379	38.263	33.548	10/22/12 17:00	37.909	21.932	34.429	36.087	27.238	29.798	36.604
10/5/12 8:20	38.367	38.254	33.541	10/22/12 18:00	37.907	21.914	34.403	36.068	27.254	29.777	36.581
10/5/12 8:40	38.435	38.406	33.541	10/22/12 19:00	37.909	21.923	34.450	36.068	27.245	29.777	36.574
10/5/12 9:00	38.465	38.452	33.541	10/22/12 20:00	37.890	21.923	34.408	36.068	27.231	29.779	36.579
10/5/12 9:20	38.556	38.590	33.550	10/22/12 21:00	37.883	21.918	34.394	36.054	27.221	29.768	36.567
10/5/12 9:40	38.705	38.726	33.555	10/22/12 22:00	37.890	21.916	34.384	36.045	27.226	29.758	36.555
10/5/12 10:00	38.682	38.632	33.640	10/22/12 23:00	37.883	21.928	34.382	36.052	27.221	29.761	36.551
10/5/12 10:20	38.561	38.541	33.611	10/23/12 0:00	37.872	21.928	34.380	36.045	27.207	29.751	36.546
10/5/12 10:40	38.631	38.541	33.611	10/23/12 1:00	37.848	21.916	34.368	36.035	27.193	29.744	36.537
10/5/12 11:00	38.652	38.710	33.616	10/23/12 2:00	37.834	21.890	34.361	36.012	27.177	29.733	36.539
10/5/12 11:20	38.733	38.766	33.621	10/23/12 3:00	37.804	21.883	34.343	36.003	27.146	29.714	36.518
10/5/12 11:40	38.843	38.875	33.626	10/23/12 4:00	37.783	21.851	34.315	35.977	27.121	29.681	36.497
10/5/12 12:00	38.969	39.072	33.633	10/23/12 5:00	37.774	21.834	34.289	35.958	27.116	29.660	36.478
10/5/12 12:20	38.992	39.074	33.649	10/23/12 6:00	37.781	21.832	34.298	35.961	27.111	29.653	36.497
10/5/12 12:40	39.069	39.193	33.656	10/23/12 7:00	37.788	21.832	34.289	35.961	27.111	29.653	36.487
10/5/12 13:00	39.120	39.263	33.672	10/23/12 8:00	37.795	21.841	34.284	35.968	27.107	29.648	36.473
10/5/12 13:20	38.904	38.990	33.679	10/23/12 9:00	37.802	21.841	34.277	35.970	27.114	29.644	36.466
10/5/12 13:40	38.936	38.950	33.684	10/23/12 10:00	37.816	21.844	34.291	35.972	27.114	29.653	36.471
10/5/12 14:00	38.960	39.009	33.687	10/23/12 11:00	37.811	21.853	34.282	35.984	27.102	29.648	36.462
10/5/12 14:20	38.878	38.913	33.679	10/23/12 12:00	37.811	21.841	34.275	35.982	27.104	29.639	36.455
10/5/12 14:40	38.852	38.857	33.670	10/23/12 13:00	37.809	21.839	34.282	35.989	27.107	29.644	36.473
10/5/12 15:00	38.820	38.791	33.661	10/23/12 14:00	37.792	21.830	34.294	35.982	27.083	29.648	36.490
10/5/12 15:20	38.738	38.700	33.651	10/23/12 15:00	37.802	21.818	34.270	35.970	27.088	29.632	36.480
10/5/12 15:40	38.682	38.658	33.642	10/23/12 16:00	37.806	21.830	34.273	35.984	27.097	29.630	36.466
10/5/12 16:00	38.801	38.714	33.633	10/23/12 17:00	37.809	21.832	34.298	35.993	27.107	29.641	36.509
10/5/12 16:20	38.710	38.590	33.623	10/23/12 18:00	37.825	21.834	34.312	35.986	27.104	29.658	36.520
10/5/12 16:40	38.593	38.518	33.614	10/23/12 19:00	37.855	21.844	34.291	35.996	27.123	29.648	36.490
10/5/12 17:00	38.575	38.520	33.604	10/23/12 20:00	37.853	21.869	34.296	36.017	27.116	29.655	36.483
10/5/12 17:20	38.519	38.415	33.602	10/23/12 21:00	37.858	21.858	34.287	36.014	27.118	29.651	36.476
10/5/12 17:40	38.537	38.431	33.593	10/23/12 22:00	37.862	21.865	34.289	36.017	27.128	29.655	36.473

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/5/12 18:00	38.493	38.373	33.586	10/23/12 23:00	37.872	21.874	34.294	36.021	27.128	29.655	36.476
10/5/12 18:20	38.477	38.368	33.581	10/24/12 0:00	37.858	21.876	34.289	36.028	27.125	29.662	36.473
10/5/12 18:40	38.619	38.628	33.579	10/24/12 1:00	37.848	21.862	34.333	36.019	27.116	29.653	36.473
10/5/12 19:00	38.468	38.350	33.762	10/24/12 2:00	37.827	21.855	34.291	36.012	27.093	29.658	36.487
10/5/12 19:20	38.444	38.329	33.611	10/24/12 3:00	37.820	21.832	34.268	35.993	27.081	29.634	36.462
10/5/12 19:40	38.428	38.315	33.588	10/24/12 4:00	37.820	21.832	34.254	35.984	27.079	29.620	36.443
10/5/12 20:00	38.416	38.301	33.579	10/24/12 5:00	37.823	21.827	34.249	35.986	27.076	29.613	36.436
10/5/12 20:20	38.407	38.296	33.572	10/24/12 6:00	37.848	21.830	34.245	35.986	27.095	29.613	36.431
10/5/12 20:40	38.402	38.289	33.567	10/24/12 7:00	37.876	21.853	34.259	36.007	27.118	29.627	36.438
10/5/12 21:00	38.400	38.284	33.567	10/24/12 8:00	37.893	21.879	34.277	36.028	27.135	29.648	36.452
10/5/12 21:20	38.398	38.284	33.567	10/24/12 9:00	37.918	21.893	34.294	36.042	27.158	29.665	36.466
10/5/12 21:40	38.395	38.282	33.567	10/24/12 10:00	37.937	21.914	34.312	36.063	27.191	29.688	36.485
10/5/12 22:00	38.395	38.279	33.565	10/24/12 11:00	37.930	21.942	34.350	36.077	27.184	29.718	36.518
10/5/12 22:20	38.388	38.277	33.560	10/24/12 12:00	37.918	21.939	34.343	36.073	27.174	29.714	36.520
10/5/12 22:40	38.388	38.275	33.555	10/24/12 13:00	37.893	21.928	34.333	36.063	27.158	29.707	36.516
10/5/12 23:00	38.374	38.263	33.548	10/24/12 14:00	37.872	21.907	34.319	36.042	27.149	29.693	36.506
10/5/12 23:20	38.384	38.270	33.550	10/24/12 15:00	37.867	21.897	34.312	36.028	27.158	29.679	36.497
10/5/12 23:40	38.384	38.270	33.553	10/24/12 16:00	37.860	21.890	34.340	36.028	27.146	29.697	36.530
10/6/12 0:00	38.386	38.272	33.558	10/24/12 17:00	37.844	21.881	34.319	36.019	27.130	29.683	36.516
10/6/12 0:20	38.384	38.268	33.555	10/24/12 18:00	37.834	21.879	34.301	36.005	27.116	29.669	36.494
10/6/12 0:40	38.400	38.286	33.602	10/24/12 19:00	37.832	21.867	34.287	35.996	27.118	29.655	36.483
10/6/12 1:00	38.393	38.279	33.576	10/24/12 20:00	37.830	21.860	34.301	36.005	27.132	29.658	36.494
10/6/12 1:20	38.391	38.279	33.567	10/24/12 21:00	37.844	21.862	34.336	36.014	27.156	29.674	36.544
10/6/12 1:40	38.386	38.273	33.560	10/24/12 22:00	37.848	21.869	34.368	36.026	27.165	29.707	36.597
10/6/12 2:00	38.388	38.270	33.558	10/24/12 23:00	37.837	21.869	34.385	36.035	27.163	29.714	36.614
10/6/12 2:20	38.381	38.268	33.550	10/25/12 0:00	37.851	21.869	34.387	36.028	27.167	29.716	36.621
10/6/12 2:40	38.377	38.261	33.548	10/25/12 1:00	37.846	21.872	34.394	36.047	27.181	29.728	36.618
10/6/12 3:00	38.374	38.258	33.541	10/25/12 2:00	37.881	21.874	34.419	36.049	27.231	29.737	36.651
10/6/12 3:20	38.365	38.251	33.534	10/25/12 3:00	37.934	21.923	34.478	36.087	27.296	29.777	36.707
10/6/12 3:40	38.360	38.244	33.525	10/25/12 4:00	37.974	21.967	34.543	36.140	27.338	29.842	36.775
10/6/12 4:00	38.351	38.237	33.515	10/25/12 5:00	38.000	21.995	34.585	36.173	27.378	29.894	36.813
10/6/12 4:20	38.349	38.235	33.513	10/25/12 6:00	38.042	22.023	34.622	36.197	27.429	29.929	36.845
10/6/12 4:40	38.349	38.235	33.511	10/25/12 7:00	38.060	22.060	34.669	36.236	27.469	29.978	36.887
10/6/12 5:00	38.349	38.235	33.511	10/25/12 8:00	38.109	22.081	34.711	36.236	27.532	30.022	36.927

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/6/12 5:20	38.342	38.228	33.508	10/25/12 9:00	38.135	22.123	34.766	36.208	27.595	30.083	36.983
10/6/12 5:40	38.346	38.233	33.508	10/25/12 10:00	38.163	22.149	34.850	36.187	27.637	30.146	37.035
10/6/12 6:00	38.342	38.226	33.504	10/25/12 11:00	38.170	22.175	34.881	36.171	27.668	30.193	37.082
10/6/12 6:20	38.344	38.228	33.508	10/25/12 12:00	38.151	22.184	34.904	36.358	27.682	30.223	37.112
10/6/12 6:40	38.346	38.230	33.506	10/25/12 13:00	38.142	22.177	34.927	36.351	27.710	30.237	37.135
10/6/12 7:00	38.351	38.237	33.511	10/25/12 14:00	38.116	22.179	34.971	36.344	27.710	30.277	37.173
10/6/12 7:20	38.351	38.237	33.511	10/25/12 15:00	38.088	22.170	34.965	36.325	27.705	30.273	37.182
10/6/12 7:40	38.351	38.233	33.510	10/25/12 16:00	38.081	22.158	34.960	36.304	27.733	30.270	37.177
10/6/12 8:00	38.351	38.235	33.511	10/25/12 17:00	38.090	22.168	35.002	36.299	27.742	30.301	37.184
10/6/12 8:20	38.351	38.237	33.513	10/25/12 18:00	38.090	22.191	34.988	36.304	27.756	30.308	37.182
10/6/12 8:40	38.374	38.258	33.581	10/25/12 19:00	38.107	22.203	34.986	36.302	27.775	30.312	37.170
10/6/12 9:00	38.370	38.256	33.546	10/25/12 20:00	38.111	22.231	34.979	36.302	27.784	30.329	37.152
10/6/12 9:20	38.372	38.258	33.541	10/25/12 21:00	38.107	22.247	34.969	36.292	27.773	30.336	37.098
10/6/12 9:40	38.372	38.258	33.541	10/25/12 22:00	38.118	22.254	34.930	36.283	27.784	30.312	37.046
10/6/12 10:00	38.377	38.258	33.543	10/25/12 23:00	38.123	22.279	34.930	36.290	27.791	30.319	37.035
10/6/12 10:20	38.379	38.263	33.546	10/26/12 0:00	38.123	22.291	34.925	36.290	27.798	30.324	37.016
10/6/12 10:40	38.379	38.263	33.548	10/26/12 1:00	38.114	22.300	34.920	36.285	27.796	30.324	37.011
10/6/12 11:00	38.388	38.275	33.548	10/26/12 2:00	38.114	22.303	34.916	36.278	27.817	30.319	36.997
10/6/12 11:20	38.386	38.273	33.548	10/26/12 3:00	38.100	22.321	34.953	36.290	27.817	30.343	37.049
10/6/12 11:40	38.537	38.513	33.546	10/26/12 4:00	38.090	22.319	34.958	36.278	27.817	30.347	37.070
10/6/12 12:00	38.409	38.296	33.550	10/26/12 5:00	38.074	22.324	34.955	36.267	27.817	30.350	37.070
10/6/12 12:20	38.607	38.644	33.550	10/26/12 6:00	38.079	22.319	34.957	36.257	27.829	30.345	37.065
10/6/12 12:40	38.496	38.382	33.558	10/26/12 7:00	38.086	22.342	34.974	36.267	27.855	30.357	37.074
10/6/12 13:00	38.482	38.366	33.560	10/26/12 8:00	38.107	22.356	35.011	36.276	27.876	30.382	37.124
10/6/12 13:20	38.456	38.340	33.562	10/26/12 9:00	38.107	22.387	35.011	36.278	27.887	30.406	37.131
10/6/12 13:40	38.437	38.324	33.555	10/26/12 10:00	38.118	22.396	35.023	36.278	27.904	30.413	37.117
10/6/12 14:00	38.423	38.310	33.548	10/26/12 11:00	38.121	22.419	35.030	36.292	27.915	30.424	37.119
10/6/12 14:20	38.426	38.310	33.701	10/26/12 12:00	38.095	22.426	35.041	36.292	27.901	30.436	37.138
10/6/12 14:40	38.414	38.303	33.574	10/26/12 13:00	38.049	22.419	35.034	36.271	27.864	30.429	37.140
10/6/12 15:00	38.405	38.291	33.555	10/26/12 14:00	38.004	22.377	35.023	36.227	27.833	30.394	37.103
10/6/12 15:20	38.398	38.282	33.546	10/26/12 15:00	37.976	22.356	34.972	36.192	27.810	30.368	37.082
10/6/12 15:40	38.409	38.303	33.539	10/26/12 16:00	37.944	22.340	34.958	36.178	27.798	30.345	37.070
10/6/12 16:00	38.393	38.277	33.534	10/26/12 17:00	37.920	22.326	34.995	36.155	27.773	30.324	37.072
10/6/12 16:20	38.521	38.469	33.534	10/26/12 18:00	37.920	22.319	34.941	36.136	27.768	30.317	37.072

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/6/12 16:40	38.416	38.305	33.539	10/26/12 19:00	37.918	22.331	34.934	36.138	27.752	30.308	37.067
10/6/12 17:00	38.393	38.279	33.532	10/26/12 20:00	37.925	22.324	34.899	36.124	27.742	30.291	37.028
10/6/12 17:20	38.381	38.268	33.525	10/26/12 21:00	37.916	22.335	34.876	36.124	27.721	30.277	36.986
10/6/12 17:40	38.372	38.258	33.520	10/26/12 22:00	37.925	22.331	34.850	36.112	27.721	30.251	36.955
10/6/12 18:00	38.367	38.254	33.515	10/26/12 23:00	37.918	22.342	34.841	36.119	27.703	30.247	36.939
10/6/12 18:20	38.370	38.256	33.515	10/27/12 0:00	37.918	22.333	34.820	36.110	27.707	30.230	36.920
10/6/12 18:40	38.402	38.296	33.518	10/27/12 1:00	37.895	22.340	34.841	36.110	27.668	30.237	36.918
10/6/12 19:00	38.377	38.263	33.518	10/27/12 2:00	37.879	22.310	34.790	36.087	27.642	30.198	36.892
10/6/12 19:20	38.367	38.254	33.515	10/27/12 3:00	37.879	22.314	34.760	36.073	27.630	30.170	36.866
10/6/12 19:40	38.363	38.247	33.511	10/27/12 4:00	37.883	22.305	34.746	36.070	27.619	30.153	36.845
10/6/12 20:00	38.358	38.244	33.572	10/27/12 5:00	37.881	22.300	34.732	36.073	27.607	30.144	36.829
10/6/12 20:20	38.374	38.261	33.557	10/27/12 6:00	37.897	22.298	34.722	36.070	27.611	30.130	36.817
10/6/12 20:40	38.367	38.251	33.534	10/27/12 7:00	37.906	22.317	34.722	36.082	27.611	30.132	36.815
10/6/12 21:00	38.363	38.249	33.525	10/27/12 8:00	37.909	22.319	34.722	36.089	27.607	30.130	36.817
10/6/12 21:20	38.363	38.247	33.520	10/27/12 9:00	37.895	22.312	34.720	36.089	27.590	30.128	36.822
10/6/12 21:40	38.358	38.242	33.518	10/27/12 10:00	37.893	22.298	34.708	36.077	27.597	30.114	36.820
10/6/12 22:00	38.358	38.247	33.515	10/27/12 11:00	37.876	22.291	34.753	36.075	27.565	30.109	36.820
10/6/12 22:20	38.363	38.244	33.515	10/27/12 12:00	37.865	22.261	34.699	36.061	27.548	30.097	36.822
10/6/12 22:40	38.363	38.247	33.513	10/27/12 13:00	37.851	22.259	34.678	36.049	27.520	30.076	36.806
10/6/12 23:00	38.363	38.244	33.515	10/27/12 14:00	37.816	22.238	34.652	36.038	27.488	30.055	36.785
10/6/12 23:20	38.360	38.242	33.513	10/27/12 15:00	37.792	22.200	34.631	36.007	27.455	30.027	36.768
10/6/12 23:40	38.358	38.240	33.511	10/27/12 16:00	37.778	22.182	34.594	35.989	27.425	29.990	36.735
10/7/12 0:00	38.356	38.237	33.506	10/27/12 17:00	37.778	22.172	34.564	35.975	27.413	29.957	36.707
10/7/12 0:20	38.351	38.237	33.501	10/27/12 18:00	37.790	22.170	34.550	35.975	27.406	29.943	36.684
10/7/12 0:40	38.346	38.233	33.499	10/27/12 19:00	37.813	22.165	34.541	35.984	27.420	29.936	36.675
10/7/12 1:00	38.346	38.233	33.497	10/27/12 20:00	37.832	22.182	34.559	36.003	27.425	29.952	36.689
10/7/12 1:20	38.344	38.228	33.497	10/27/12 21:00	37.844	22.198	34.557	36.017	27.422	29.952	36.686
10/7/12 1:40	38.344	38.230	33.494	10/27/12 22:00	37.860	22.200	34.555	36.026	27.429	29.950	36.689
10/7/12 2:00	38.342	38.226	33.494	10/27/12 23:00	37.876	22.203	34.559	36.038	27.434	29.952	36.693
10/7/12 2:20	38.344	38.228	33.494	10/28/12 0:00	37.881	22.214	34.562	36.052	27.429	29.959	36.698
10/7/12 2:40	38.342	38.228	33.494	10/28/12 1:00	37.881	22.205	34.559	36.054	27.425	29.959	36.698
10/7/12 3:00	38.342	38.226	33.492	10/28/12 2:00	37.883	22.200	34.557	36.052	27.422	29.952	36.693
10/7/12 3:20	38.335	38.219	33.487	10/28/12 3:00	37.890	22.205	34.550	36.056	27.429	29.948	36.686
10/7/12 3:40	38.332	38.214	33.480	10/28/12 4:00	37.888	22.198	34.564	36.061	27.417	29.959	36.696

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/7/12 4:00	38.330	38.214	33.478	10/28/12 5:00	37.888	22.196	34.552	36.056	27.413	29.948	36.684
10/7/12 4:20	38.328	38.209	33.473	10/28/12 6:00	37.890	22.196	34.543	36.056	27.411	29.938	36.677
10/7/12 4:40	38.321	38.207	33.466	10/28/12 7:00	37.900	22.203	34.538	36.059	27.415	29.938	36.672
10/7/12 5:00	38.323	38.205	33.466	10/28/12 8:00	37.918	22.200	34.545	36.066	27.429	29.941	36.677
10/7/12 5:20	38.318	38.202	33.466	10/28/12 9:00	37.930	22.210	34.555	36.082	27.436	29.955	36.686
10/7/12 5:40	38.316	38.200	33.461	10/28/12 10:00	37.923	22.217	34.564	36.089	27.434	29.959	36.698
10/7/12 6:00	38.314	38.198	33.459	10/28/12 11:00	37.906	22.212	34.566	36.084	27.425	29.959	36.707
10/7/12 6:20	38.311	38.195	33.459	10/28/12 12:00	37.897	22.189	34.571	36.073	27.420	29.964	36.724
10/7/12 6:40	38.311	38.195	33.459	10/28/12 13:00	37.879	22.184	34.569	36.068	27.401	29.950	36.726
10/7/12 7:00	38.314	38.195	33.457	10/28/12 14:00	37.848	22.172	34.550	36.049	27.368	29.934	36.712
10/7/12 7:20	38.316	38.200	33.457	10/28/12 15:00	37.830	22.142	34.520	36.026	27.347	29.906	36.689
10/7/12 7:40	38.323	38.205	33.457	10/28/12 16:00	37.820	22.123	34.501	36.012	27.343	29.884	36.672
10/7/12 8:00	38.321	38.205	33.459	10/28/12 17:00	37.809	22.119	34.510	36.007	27.317	29.882	36.675
10/7/12 8:20	38.321	38.202	33.457	10/28/12 18:00	37.811	22.109	34.480	35.996	27.312	29.861	36.656
10/7/12 8:40	38.335	38.223	33.506	10/28/12 19:00	37.820	22.112	34.468	35.996	27.324	29.847	36.635
10/7/12 9:00	38.325	38.212	33.478	10/28/12 20:00	37.830	22.116	34.499	36.003	27.319	29.866	36.632
10/7/12 9:20	38.318	38.202	33.466	10/28/12 21:00	37.837	22.121	34.475	36.010	27.319	29.854	36.632
10/7/12 9:40	38.311	38.200	33.459	10/28/12 22:00	37.855	22.121	34.478	36.017	27.333	29.852	36.639
10/7/12 10:00	38.307	38.193	33.452	10/28/12 23:00	37.872	22.135	34.494	36.040	27.338	29.866	36.663
10/7/12 10:20	38.307	38.191	33.450	10/29/12 0:00	37.872	22.144	34.496	36.045	27.336	29.877	36.668
10/7/12 10:40	38.300	38.186	33.442	10/29/12 1:00	37.869	22.142	34.496	36.045	27.331	29.873	36.670
10/7/12 11:00	38.300	38.184	33.440	10/29/12 2:00	37.872	22.130	34.492	36.047	27.336	29.870	36.668
10/7/12 11:20	38.295	38.181	33.436	10/29/12 3:00	37.860	22.130	34.503	36.047	27.319	29.880	36.672
10/7/12 11:40	38.328	38.258	33.429	10/29/12 4:00	37.869	22.121	34.480	36.033	27.312	29.856	36.651
10/7/12 12:00	38.395	38.413	33.426	10/29/12 5:00	37.858	22.119	34.468	36.040	27.298	29.852	36.630
10/7/12 12:20	38.472	38.509	33.424	10/29/12 6:00	37.869	22.112	34.450	36.028	27.303	29.835	36.611
10/7/12 12:40	38.486	38.434	33.424	10/29/12 7:00	37.869	22.123	34.450	36.040	27.301	29.838	36.602
10/7/12 13:00	38.381	38.343	33.419	10/29/12 8:00	37.874	22.116	34.447	36.038	27.298	29.831	36.600
10/7/12 13:20	38.456	38.389	33.412	10/29/12 9:00	37.888	22.114	34.443	36.042	27.308	29.831	36.602
10/7/12 13:40	38.484	38.518	33.471	10/29/12 10:00	37.888	22.133	34.452	36.052	27.317	29.838	36.609
10/7/12 14:00	38.442	38.394	33.705	10/29/12 11:00	37.872	22.133	34.475	36.054	27.308	29.856	36.635
10/7/12 14:20	38.475	38.368	33.860	10/29/12 12:00	37.855	22.105	34.485	36.054	27.303	29.849	36.661
10/7/12 14:40	38.507	38.485	33.668	10/29/12 13:00	37.839	22.093	34.489	36.045	27.287	29.849	36.696
10/7/12 15:00	38.416	38.336	33.534	10/29/12 14:00	37.818	22.067	34.480	36.028	27.261	29.838	36.698

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/7/12 15:20	38.493	38.480	33.480	10/29/12 15:00	37.795	22.049	34.447	36.005	27.238	29.812	36.658
10/7/12 15:40	38.386	38.303	33.452	10/29/12 16:00	37.790	22.030	34.422	35.982	27.217	29.789	36.621
10/7/12 16:00	38.409	38.294	33.431	10/29/12 17:00	37.790	22.028	34.394	35.977	27.205	29.763	36.583
10/7/12 16:20	38.351	38.251	33.410	10/29/12 18:00	37.795	22.028	34.375	35.979	27.198	29.749	36.553
10/7/12 16:40	38.346	38.228	33.391	10/29/12 19:00	37.806	22.032	34.361	35.979	27.207	29.737	36.539
10/7/12 17:00	38.349	38.303	33.379	10/29/12 20:00	37.811	22.039	34.385	35.989	27.200	29.754	36.548
10/7/12 17:20	38.479	38.483	33.365	10/29/12 21:00	37.818	22.037	34.366	35.993	27.196	29.740	36.541
10/7/12 17:40	38.451	38.480	33.360	10/29/12 22:00	37.820	22.035	34.361	35.996	27.193	29.737	36.539
10/7/12 18:00	38.316	38.221	33.410	10/29/12 23:00	37.830	22.035	34.357	35.998	27.193	29.733	36.537
10/7/12 18:20	38.435	38.459	33.375	10/30/12 0:00	37.830	22.035	34.357	36.003	27.186	29.733	36.539
10/7/12 18:40	38.318	38.223	33.363	10/30/12 1:00	37.830	22.032	34.349	36.003	27.196	29.728	36.534
10/7/12 19:00	38.265	38.153	33.351	10/30/12 2:00	37.811	22.025	34.380	36.003	27.165	29.737	36.534
10/7/12 19:20	38.244	38.130	33.342	10/30/12 3:00	37.809	22.009	34.336	35.986	27.153	29.709	36.523
10/7/12 19:40	38.244	38.128	33.332	10/30/12 4:00	37.797	22.002	34.319	35.984	27.135	29.695	36.504
10/7/12 20:00	38.234	38.123	33.328	10/30/12 5:00	37.788	21.990	34.298	35.975	27.116	29.676	36.485
10/7/12 20:20	38.241	38.125	33.492	10/30/12 6:00	37.792	21.974	34.280	35.965	27.111	29.660	36.466
10/7/12 20:40	38.227	38.116	33.358	10/30/12 7:00	37.795	21.981	34.275	35.968	27.107	29.648	36.455
10/7/12 21:00	38.216	38.102	33.335	10/30/12 8:00	37.809	21.981	34.270	35.972	27.111	29.646	36.448
10/7/12 21:20	38.206	38.090	33.321	10/30/12 9:00	37.832	21.988	34.270	35.979	27.139	29.648	36.452
10/7/12 21:40	38.209	38.095	33.314	10/30/12 10:00	37.846	22.014	34.312	36.000	27.142	29.679	36.478
10/7/12 22:00	38.202	38.088	33.304	10/30/12 11:00	37.853	22.016	34.305	36.014	27.146	29.679	36.485
10/7/12 22:20	38.197	38.081	33.297	10/30/12 12:00	37.860	22.016	34.305	36.017	27.146	29.679	36.490
10/7/12 22:40	38.197	38.078	33.297	10/30/12 13:00	37.865	22.016	34.308	36.021	27.167	29.683	36.497
10/7/12 23:00	38.195	38.078	33.295	10/30/12 14:00	37.867	22.018	34.364	36.028	27.167	29.693	36.509
10/7/12 23:20	38.188	38.074	33.290	10/30/12 15:00	37.853	22.025	34.357	36.040	27.151	29.711	36.555
10/7/12 23:40	38.183	38.069	33.285	10/30/12 16:00	37.851	22.000	34.336	36.021	27.146	29.700	36.544
10/8/12 0:00	38.178	38.057	33.283	10/30/12 17:00	37.860	22.000	34.322	36.019	27.149	29.686	36.520
10/8/12 0:20	38.171	38.055	33.276	10/30/12 18:00	37.872	22.004	34.317	36.024	27.163	29.688	36.506
10/8/12 0:40	38.185	38.067	33.274	10/30/12 19:00	37.899	22.011	34.336	36.033	27.184	29.704	36.518
10/8/12 1:00	38.211	38.095	33.274	10/30/12 20:00	37.906	22.046	34.345	36.056	27.205	29.718	36.523
10/8/12 1:20	38.206	38.088	33.274	10/30/12 21:00	37.930	22.046	34.396	36.061	27.219	29.733	36.530
10/8/12 1:40	38.206	38.086	33.471	10/30/12 22:00	37.934	22.056	34.380	36.082	27.226	29.756	36.555
10/8/12 2:00	38.204	38.090	33.314	10/30/12 23:00	37.925	22.070	34.385	36.084	27.224	29.761	36.562
10/8/12 2:20	38.192	38.078	33.285	10/31/12 0:00	37.925	22.051	34.384	36.077	27.226	29.761	36.567

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/8/12 2:40	38.183	38.067	33.276	10/31/12 1:00	37.920	22.060	34.387	36.075	27.226	29.763	36.572
10/8/12 3:00	38.176	38.060	33.269	10/31/12 2:00	37.925	22.058	34.387	36.073	27.233	29.761	36.572
10/8/12 3:20	38.167	38.050	33.260	10/31/12 3:00	37.920	22.063	34.392	36.080	27.238	29.770	36.572
10/8/12 3:40	38.160	38.043	33.250	10/31/12 4:00	37.925	22.058	34.401	36.073	27.240	29.775	36.581
10/8/12 4:00	38.155	38.036	33.246	10/31/12 5:00	37.927	22.072	34.399	36.077	27.245	29.777	36.574
10/8/12 4:20	38.151	38.034	33.238	10/31/12 6:00	37.918	22.070	34.396	36.080	27.238	29.777	36.569
10/8/12 4:40	38.146	38.027	33.234	10/31/12 7:00	37.923	22.065	34.392	36.068	27.245	29.770	36.565
10/8/12 5:00	38.141	38.025	33.229	10/31/12 8:00	37.920	22.072	34.396	36.077	27.247	29.779	36.565
10/8/12 5:20	38.134	38.018	33.224	10/31/12 9:00	37.930	22.067	34.396	36.073	27.256	29.777	36.569
10/8/12 5:40	38.132	38.018	33.220	10/31/12 10:00	37.923	22.084	34.408	36.082	27.266	29.786	36.576
10/8/12 6:00	38.130	38.013	33.217	10/31/12 11:00	37.909	22.077	34.433	36.073	27.249	29.805	36.597
10/8/12 6:20	38.130	38.011	33.215	10/31/12 12:00	37.897	22.063	34.410	36.063	27.240	29.789	36.595
10/8/12 6:40	38.125	38.006	33.210	10/31/12 13:00	37.879	22.051	34.403	36.054	27.226	29.782	36.588
10/8/12 7:00	38.122	38.004	33.206	10/31/12 14:00	37.855	22.042	34.389	36.040	27.212	29.768	36.581
10/8/12 7:20	38.120	38.006	33.203	10/31/12 15:00	37.827	22.021	34.389	36.019	27.182	29.756	36.581
10/8/12 7:40	38.120	38.001	33.201	10/31/12 16:00	37.818	21.997	34.357	35.996	27.170	29.726	36.553
10/8/12 8:00	38.120	38.001	33.203	10/31/12 17:00	37.820	22.002	34.338	35.989	27.172	29.711	36.532
10/8/12 8:20	38.118	38.001	33.201	10/31/12 18:00	37.830	21.995	34.352	35.991	27.170	29.718	36.534
10/8/12 8:40	38.139	38.022	33.260	10/31/12 19:00	37.846	22.021	34.338	35.998	27.179	29.709	36.520
10/8/12 9:00	38.134	38.020	33.231	10/31/12 20:00	37.869	22.025	34.340	36.012	27.196	29.714	36.516
10/8/12 9:20	38.136	38.018	33.220	10/31/12 21:00	37.883	22.039	34.352	36.028	27.212	29.726	36.525
10/8/12 9:40	38.174	38.102	33.217	10/31/12 22:00	37.897	22.046	34.378	36.040	27.221	29.751	36.551
10/8/12 10:00	38.330	38.289	33.217	10/31/12 23:00	37.902	22.058	34.382	36.052	27.226	29.756	36.558
10/8/12 10:20	38.176	38.064	33.220	11/1/12 0:00	37.895	22.060	34.384	36.056	27.224	29.763	36.565
10/8/12 10:40	38.148	38.036	33.215	11/1/12 1:00	37.888	22.051	34.382	36.052	27.217	29.761	36.569
10/8/12 11:00	38.136	38.022	33.206	11/1/12 2:00	37.888	22.044	34.380	36.045	27.217	29.756	36.567
10/8/12 11:20	38.127	38.011	33.196	11/1/12 3:00	37.888	22.049	34.378	36.045	27.217	29.754	36.565
10/8/12 11:40	38.125	38.008	33.189	11/1/12 4:00	37.874	22.039	34.375	36.042	27.217	29.754	36.558
10/8/12 12:00	38.132	38.018	33.255	11/1/12 5:00	37.874	22.035	34.415	36.033	27.207	29.742	36.548
10/8/12 12:20	38.122	38.011	33.206	11/1/12 6:00	37.876	22.032	34.370	36.033	27.207	29.747	36.553
10/8/12 12:40	38.223	38.209	33.185	11/1/12 7:00	37.883	22.044	34.366	36.035	27.210	29.742	36.541
10/8/12 13:00	38.274	38.315	33.175	11/1/12 8:00	37.881	22.051	34.368	36.042	27.207	29.747	36.539
10/8/12 13:20	38.344	38.352	33.168	11/1/12 9:00	37.895	22.051	34.364	36.038	27.221	29.744	36.537
10/8/12 13:40	38.318	38.237	33.163	11/1/12 10:00	37.904	22.065	34.373	36.052	27.224	29.751	36.544

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/8/12 14:00	38.344	38.305	33.156	11/1/12 11:00	37.893	22.058	34.378	36.056	27.231	29.761	36.553
10/8/12 14:20	38.500	38.618	33.152	11/1/12 12:00	37.876	22.051	34.406	36.047	27.217	29.772	36.569
10/8/12 14:40	38.290	38.296	33.149	11/1/12 13:00	37.855	22.046	34.417	36.035	27.198	29.751	36.567
10/8/12 15:00	38.374	38.345	33.147	11/1/12 14:00	37.832	22.021	34.371	36.017	27.179	29.742	36.567
10/8/12 15:20	38.402	38.406	33.142	11/1/12 15:00	37.809	22.002	34.363	35.998	27.174	29.730	36.560
10/8/12 15:40	38.384	38.366	33.215	11/1/12 16:00	37.795	21.988	34.382	35.982	27.149	29.728	36.555
10/8/12 16:00	38.463	38.544	33.168	11/1/12 17:00	37.795	21.972	34.345	35.970	27.149	29.704	36.541
10/8/12 16:20	38.440	38.492	33.154	11/1/12 18:00	37.797	21.976	34.347	35.970	27.130	29.702	36.518
10/8/12 16:40	38.384	38.455	33.147	11/1/12 19:00	37.802	21.983	34.310	35.970	27.132	29.676	36.497
10/8/12 17:00	38.402	38.420	33.147	11/1/12 20:00	37.818	21.981	34.312	35.975	27.167	29.679	36.499
10/8/12 17:20	38.395	38.354	33.142	11/1/12 21:00	37.825	21.993	34.408	35.986	27.158	29.704	36.511
10/8/12 17:40	38.454	38.504	33.142	11/1/12 22:00	37.834	21.993	34.347	35.993	27.163	29.709	36.534
10/8/12 18:00	38.365	38.298	33.147	11/1/12 23:00	37.827	22.007	34.349	36.000	27.158	29.711	36.532
10/8/12 18:20	38.398	38.359	33.145	11/2/12 0:00	37.813	21.995	34.357	35.993	27.139	29.711	36.530
10/8/12 18:40	38.328	38.256	33.234	11/2/12 1:00	37.823	21.974	34.333	35.982	27.153	29.693	36.527
10/8/12 19:00	38.188	38.102	33.175	11/2/12 2:00	37.825	21.981	34.357	36.005	27.151	29.702	36.537
10/8/12 19:20	38.153	38.034	33.154	11/2/12 3:00	37.816	21.983	34.354	36.003	27.146	29.707	36.574
10/8/12 19:40	38.153	38.036	33.145	11/2/12 4:00	37.804	21.962	34.361	35.991	27.116	29.707	36.560
10/8/12 20:00	38.139	38.025	33.138	11/2/12 5:00	37.785	21.951	34.310	35.979	27.093	29.672	36.520
10/8/12 20:20	38.120	38.004	33.135	11/2/12 6:00	37.778	21.942	34.284	35.965	27.088	29.644	36.480
10/8/12 20:40	38.209	38.083	33.131	11/2/12 7:00	37.781	21.935	34.294	35.972	27.088	29.639	36.502
10/8/12 21:00	38.164	38.111	33.131	11/2/12 8:00	37.795	21.927	34.298	35.972	27.095	29.646	36.527
10/8/12 21:20	38.188	38.088	33.126	11/2/12 9:00	37.795	21.941	34.303	35.984	27.102	29.655	36.532
10/8/12 21:40	38.246	38.184	33.131	11/2/12 10:00	37.804	21.946	34.315	35.982	27.107	29.658	36.516
10/8/12 22:00	38.220	38.093	33.135	11/2/12 11:00	37.811	21.946	34.336	35.984	27.093	29.646	36.490
10/8/12 22:20	38.316	38.340	33.321	11/2/12 12:00	37.827	21.951	34.282	35.989	27.116	29.641	36.480
10/8/12 22:40	38.332	38.315	33.175	11/2/12 13:00	37.837	21.965	34.319	36.000	27.114	29.672	36.494
10/8/12 23:00	38.367	38.338	33.163	11/2/12 14:00	37.834	21.967	34.310	36.005	27.116	29.669	36.494
10/8/12 23:20	38.363	38.373	33.163	11/2/12 15:00	37.848	21.960	34.322	36.012	27.139	29.665	36.506
10/8/12 23:40	38.393	38.352	33.163	11/2/12 16:00	37.869	21.967	34.385	36.033	27.163	29.679	36.539
10/9/12 0:00	38.337	38.301	33.166	11/2/12 17:00	37.904	21.995	34.392	36.063	27.217	29.716	36.604
10/9/12 0:20	38.237	38.158	33.161	11/2/12 18:00	37.930	22.023	34.466	36.101	27.263	29.777	36.689
10/9/12 0:40	38.302	38.216	33.156	11/2/12 19:00	37.962	22.046	34.538	36.126	27.291	29.833	36.749
10/9/12 1:00	38.188	38.088	33.154	11/2/12 20:00	37.997	22.070	34.543	36.157	27.347	29.849	36.770

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/9/12 1:20	38.213	38.149	33.149	11/2/12 21:00	38.014	22.095	34.606	36.192	27.380	29.908	36.831
10/9/12 1:40	38.141	38.030	33.145	11/2/12 22:00	38.032	22.116	34.636	36.211	27.417	29.941	36.864
10/9/12 2:00	38.132	38.032	33.135	11/2/12 23:00	38.049	22.133	34.678	36.234	27.462	29.980	36.918
10/9/12 2:20	38.106	37.992	33.128	11/3/12 0:00	38.049	22.142	34.746	36.243	27.467	30.032	36.951
10/9/12 2:40	38.146	38.032	33.119	11/3/12 1:00	38.049	22.140	34.715	36.243	27.471	30.032	36.946
10/9/12 3:00	38.092	37.976	33.114	11/3/12 2:00	38.042	22.151	34.701	36.232	27.478	30.036	36.925
10/9/12 3:20	38.080	37.964	33.112	11/3/12 3:00	38.046	22.154	34.699	36.215	27.474	30.041	36.869
10/9/12 3:40	38.073	37.955	33.105	11/3/12 4:00	38.046	22.161	34.657	36.213	27.474	30.022	36.824
10/9/12 4:00	38.066	37.948	33.100	11/3/12 5:00	38.053	22.170	34.641	36.208	27.481	30.015	36.792
10/9/12 4:20	38.081	37.962	33.229	11/3/12 6:00	38.051	22.182	34.638	36.213	27.485	30.018	36.775
10/9/12 4:40	38.073	37.957	33.133	11/3/12 7:00	38.049	22.186	34.634	36.208	27.488	30.018	36.766
10/9/12 5:00	38.067	37.948	33.114	11/3/12 8:00	38.042	22.191	34.631	36.203	27.488	30.018	36.759
10/9/12 5:20	38.059	37.943	33.105	11/3/12 9:00	38.044	22.196	34.627	36.196	27.497	30.022	36.756
10/9/12 5:40	38.055	37.938	33.098	11/3/12 10:00	38.028	22.207	34.634	36.199	27.499	30.027	36.761
10/9/12 6:00	38.052	37.934	33.095	11/3/12 11:00	38.023	22.198	34.650	36.185	27.499	30.039	36.777
10/9/12 6:20	38.050	37.931	33.091	11/3/12 12:00	38.011	22.203	34.638	36.180	27.504	30.032	36.770
10/9/12 6:40	38.053	37.934	33.088	11/3/12 13:00	37.986	22.200	34.650	36.171	27.495	30.039	36.787
10/9/12 7:00	38.057	37.938	33.088	11/3/12 14:00	37.960	22.191	34.655	36.150	27.485	30.039	36.794
10/9/12 7:20	38.055	37.936	33.088	11/3/12 15:00	37.925	22.172	34.662	36.126	27.462	30.027	36.777
10/9/12 7:40	38.059	37.941	33.095	11/3/12 16:00	37.899	22.151	34.666	36.098	27.446	29.987	36.759
10/9/12 8:00	38.064	37.945	33.105	11/3/12 17:00	37.895	22.137	34.638	36.080	27.443	29.976	36.747
10/9/12 8:20	38.066	37.950	33.107	11/3/12 18:00	37.895	22.140	34.629	36.073	27.453	29.994	36.761
10/9/12 8:40	38.069	37.950	33.114	11/3/12 19:00	37.906	22.149	34.669	36.075	27.455	30.004	36.766
10/9/12 9:00	38.078	37.957	33.121	11/3/12 20:00	37.923	22.165	34.636	36.082	27.476	30.006	36.770
10/9/12 9:20	38.081	37.962	33.126	11/3/12 21:00	37.932	22.182	34.676	36.096	27.483	30.006	36.747
10/9/12 9:40	38.085	37.964	33.126	11/3/12 22:00	37.932	22.191	34.664	36.101	27.488	30.032	36.780
10/9/12 10:00	38.108	37.990	33.196	11/3/12 23:00	37.925	22.189	34.680	36.101	27.485	30.041	36.782
10/9/12 10:20	38.104	37.985	33.163	11/4/12 0:00	37.923	22.182	34.669	36.096	27.467	30.039	36.787
10/9/12 10:40	38.106	37.987	33.159	11/4/12 1:00	37.920	22.184	34.652	36.091	27.462	30.004	36.759
10/9/12 11:00	38.111	37.992	33.161	11/4/12 2:00	37.909	22.191	34.620	36.091	27.450	30.004	36.756
10/9/12 11:20	38.468	38.527	33.166	11/4/12 3:00	37.895	22.179	34.617	36.082	27.429	29.997	36.749
10/9/12 11:40	38.696	38.869	33.185	11/4/12 4:00	37.893	22.165	34.583	36.068	27.427	29.969	36.726
10/9/12 12:00	38.724	38.862	33.210	11/4/12 5:00	37.883	22.170	34.585	36.068	27.408	29.971	36.726
10/9/12 12:20	38.852	38.992	33.236	11/4/12 6:00	37.888	22.156	34.559	36.059	27.413	29.945	36.700

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/9/12 12:40	38.915	39.074	33.267	11/4/12 7:00	37.888	22.174	34.569	36.061	27.401	29.952	36.703
10/9/12 13:00	38.885	39.030	33.290	11/4/12 8:00	37.890	22.165	34.548	36.061	27.408	29.938	36.682
10/9/12 13:20	38.976	39.172	33.414	11/4/12 9:00	37.899	22.168	34.562	36.063	27.420	29.950	36.691
10/9/12 13:40	38.997	39.179	33.356	11/4/12 10:00	37.888	22.177	34.583	36.070	27.404	29.959	36.693
10/9/12 14:00	39.055	39.240	33.360	11/4/12 11:00	37.860	22.163	34.559	36.059	27.417	29.945	36.696
10/9/12 14:20	39.058	39.242	33.377	11/4/12 12:00	37.848	22.137	34.671	36.035	27.427	29.964	36.717
10/9/12 14:40	39.106	39.301	33.393	11/4/12 13:00	37.806	22.123	34.673	36.040	27.385	30.004	36.794
10/9/12 15:00	39.011	39.186	33.407	11/4/12 14:00	37.776	22.077	34.634	36.014	27.382	29.964	36.810
10/9/12 15:20	39.067	39.224	33.424	11/4/12 15:00	37.757	22.060	34.676	35.991	27.354	29.955	36.827
10/9/12 15:40	39.083	39.245	33.433	11/4/12 16:00	37.753	22.042	34.631	35.982	27.336	29.936	36.824
10/9/12 16:00	39.046	39.156	33.443	11/4/12 17:00	37.753	22.037	34.590	35.970	27.343	29.915	36.787
10/9/12 16:20	38.997	39.121	33.447	11/4/12 18:00	37.774	22.035	34.636	35.965	27.387	29.929	36.756
10/9/12 16:40	38.892	39.013	33.452	11/4/12 19:00	37.804	22.056	34.701	35.977	27.436	29.973	36.763
10/9/12 17:00	38.906	39.016	33.452	11/4/12 20:00	37.848	22.081	34.778	36.017	27.534	30.022	36.822
10/9/12 17:20	38.918	39.039	33.654	11/4/12 21:00	37.879	22.109	34.983	36.056	27.637	30.121	36.925
10/9/12 17:40	38.908	38.939	33.499	11/4/12 22:00	37.886	22.126	35.172	36.087	27.670	30.265	37.100
10/9/12 18:00	38.838	38.974	33.482	11/4/12 23:00	37.902	22.123	35.214	36.080	27.719	30.303	37.135
10/9/12 18:20	38.890	38.943	33.478	11/5/12 0:00	37.916	22.137	35.263	36.091	27.754	30.357	37.161
10/9/12 18:40	38.701	38.604	33.473	11/5/12 1:00	37.911	22.137	35.309	36.103	27.775	30.394	37.180
10/9/12 19:00	38.516	38.403	33.468	11/5/12 2:00	37.911	22.149	35.319	36.098	27.791	30.422	37.196
10/9/12 19:20	38.482	38.368	33.466	11/5/12 3:00	37.916	22.137	35.330	36.096	27.812	30.434	37.196
10/9/12 19:40	38.444	38.329	33.461	11/5/12 4:00	37.923	22.142	35.353	36.101	27.836	30.457	37.201
10/9/12 20:00	38.421	38.308	33.457	11/5/12 5:00	37.925	22.146	35.372	36.105	27.850	30.481	37.215
10/9/12 20:20	38.407	38.291	33.457	11/5/12 6:00	37.932	22.153	35.389	36.110	27.873	30.495	37.212
10/9/12 20:40	38.391	38.277	33.452	11/5/12 7:00	37.939	22.158	35.421	36.124	27.915	30.518	37.227
10/9/12 21:00	38.381	38.265	33.447	11/5/12 8:00	37.953	22.165	35.479	36.145	27.955	30.567	37.308
10/9/12 21:20	38.374	38.258	33.443	11/5/12 9:00	37.967	22.174	35.526	36.161	27.995	30.607	37.369
10/9/12 21:40	38.367	38.251	33.443	11/5/12 10:00	37.990	22.191	35.591	36.185	28.032	30.654	37.425
10/9/12 22:00	38.367	38.249	33.440	11/5/12 11:00	37.986	22.221	35.621	36.196	27.992	30.696	37.446
10/9/12 22:20	38.363	38.244	33.443	11/5/12 12:00	37.979	22.219	35.447	36.208	27.962	30.661	37.456
10/9/12 22:40	38.367	38.249	33.661	11/5/12 13:00	37.958	22.205	35.421	36.206	27.915	30.569	37.332
10/9/12 23:00	38.379	38.263	33.494	11/5/12 14:00	37.937	22.193	35.284	36.194	27.897	30.555	37.327
10/9/12 23:20	38.370	38.251	33.475	11/5/12 15:00	37.911	22.179	35.263	36.175	27.822	30.532	37.306
10/9/12 23:40	38.367	38.249	33.468	11/5/12 16:00	37.883	22.156	35.125	36.154	27.752	30.438	37.198

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/10/12 0:00	38.363	38.244	33.466	11/5/12 17:00	37.886	22.140	35.007	36.115	27.770	30.352	37.084
10/10/12 0:20	38.363	38.244	33.464	11/5/12 18:00	37.881	22.146	35.081	36.108	27.742	30.350	37.016
10/10/12 0:40	38.360	38.240	33.464	11/5/12 19:00	37.878	22.146	35.039	36.096	27.735	30.340	36.976
10/10/12 1:00	38.360	38.240	33.464	11/5/12 20:00	37.904	22.144	35.034	36.089	27.719	30.312	36.967
10/10/12 1:20	38.356	38.240	33.461	11/5/12 21:00	37.881	22.170	34.979	36.105	27.686	30.294	36.925
10/10/12 1:40	38.356	38.235	33.459	11/5/12 22:00	37.874	22.149	34.904	36.082	27.677	30.265	36.887
10/10/12 2:00	38.353	38.235	33.459	11/5/12 23:00	37.874	22.142	34.950	36.077	27.651	30.237	36.869
10/10/12 2:20	38.351	38.230	33.459	11/6/12 0:00	37.865	22.144	34.850	36.077	27.621	30.221	36.834
10/10/12 2:40	38.356	38.237	33.461	11/6/12 1:00	37.853	22.133	34.822	36.066	27.574	30.198	36.824
10/10/12 3:00	38.356	38.237	33.466	11/6/12 2:00	37.860	22.123	34.736	36.054	27.576	30.130	36.773
10/10/12 3:20	38.353	38.235	33.461	11/6/12 3:00	37.858	22.128	34.750	36.059	27.551	30.137	36.773
10/10/12 3:40	38.353	38.235	33.464	11/6/12 4:00	37.830	22.123	34.711	36.054	27.509	30.109	36.749
10/10/12 4:00	38.353	38.235	33.464	11/6/12 5:00	37.820	22.095	34.671	36.028	27.476	30.067	36.717
10/10/12 4:20	38.356	38.235	33.468	11/6/12 6:00	37.823	22.093	34.620	36.021	27.455	30.022	36.679
10/10/12 4:40	38.356	38.238	33.468	11/6/12 7:00	37.848	22.093	34.592	36.021	27.469	29.999	36.651
10/10/12 5:00	38.356	38.237	33.471	11/6/12 8:00	37.846	22.109	34.622	36.021	27.455	30.025	36.658
10/10/12 5:20	38.358	38.238	33.471	11/6/12 9:00	37.899	22.107	34.622	36.021	27.492	29.990	36.642
10/10/12 5:40	38.353	38.235	33.471	11/6/12 10:00	37.934	22.165	34.617	36.010	27.530	30.022	36.665
10/10/12 6:00	38.358	38.240	33.471	11/6/12 11:00	37.955	22.181	34.680	36.021	27.616	30.069	36.693
10/10/12 6:20	38.365	38.244	33.471	11/6/12 12:00	37.967	22.195	34.867	36.124	27.656	30.181	36.880
10/10/12 6:40	38.372	38.254	33.473	11/6/12 13:00	37.951	22.202	34.930	36.173	27.693	30.244	37.009
10/10/12 7:00	38.372	38.254	33.475	11/6/12 14:00	37.916	22.188	35.027	36.239	27.644	30.273	37.084
10/10/12 7:20	38.370	38.249	33.475	11/6/12 15:00	37.890	22.153	34.927	36.187	27.604	30.235	37.063
10/10/12 7:40	38.367	38.249	33.475	11/6/12 16:00	37.883	22.133	34.862	36.124	27.621	30.184	37.014
10/10/12 8:00	38.386	38.268	33.527	11/6/12 17:00	37.897	22.133	34.906	36.124	27.623	30.212	37.039
10/10/12 8:20	38.379	38.261	33.504	11/6/12 18:00	37.899	22.149	34.888	36.145	27.618	30.202	37.032
10/10/12 8:40	38.377	38.258	33.497	11/6/12 19:00	37.911	22.153	34.871	36.140	27.609	30.200	37.018
10/10/12 9:00	38.374	38.258	33.497	11/6/12 20:00	37.930	22.163	34.820	36.126	27.609	30.179	36.937
10/10/12 9:20	38.374	38.256	33.497	11/6/12 21:00	37.937	22.181	34.802	36.136	27.595	30.172	36.864
10/10/12 9:40	38.372	38.254	33.492	11/6/12 22:00	37.939	22.186	34.774	36.136	27.586	30.149	36.829
10/10/12 10:00	38.367	38.254	33.492	11/6/12 23:00	37.948	22.188	34.739	36.136	27.586	30.132	36.801
10/10/12 10:20	38.370	38.251	33.489	11/7/12 0:00	37.939	22.191	34.739	36.138	27.562	30.132	36.787
10/10/12 10:40	38.363	38.247	33.485	11/7/12 1:00	37.937	22.186	34.697	36.131	27.548	30.102	36.759
10/10/12 11:00	38.360	38.244	33.480	11/7/12 2:00	37.939	22.181	34.676	36.126	27.541	30.083	36.738

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/10/12 11:20	38.353	38.237	33.475	11/7/12 3:00	37.948	22.188	34.664	36.124	27.544	30.074	36.728
10/10/12 11:40	38.351	38.233	33.471	11/7/12 4:00	37.944	22.200	34.664	36.129	27.537	30.074	36.726
10/10/12 12:00	38.342	38.226	33.461	11/7/12 5:00	37.925	22.202	34.652	36.126	27.516	30.067	36.724
10/10/12 12:20	38.339	38.226	33.457	11/7/12 6:00	37.927	22.186	34.636	36.110	27.516	30.046	36.714
10/10/12 12:40	38.349	38.233	33.532	11/7/12 7:00	37.927	22.191	34.634	36.110	27.511	30.043	36.710
10/10/12 13:00	38.337	38.223	33.471	11/7/12 8:00	37.939	22.195	34.627	36.110	27.516	30.041	36.707
10/10/12 13:20	38.328	38.216	33.447	11/7/12 9:00	37.948	22.205	34.629	36.117	27.539	30.041	36.710
10/10/12 13:40	38.337	38.237	33.433	11/7/12 10:00	37.958	22.219	34.701	36.124	27.534	30.046	36.714
10/10/12 14:00	38.328	38.244	33.419	11/7/12 11:00	37.937	22.226	34.652	36.133	27.539	30.062	36.733
10/10/12 14:20	38.295	38.181	33.407	11/7/12 12:00	37.913	22.200	34.736	36.115	27.544	30.041	36.721
10/10/12 14:40	38.286	38.172	33.393	11/7/12 13:00	37.872	22.181	34.797	36.094	27.485	30.062	36.742
10/10/12 15:00	38.274	38.160	33.384	11/7/12 14:00	37.825	22.151	34.650	36.063	27.441	30.036	36.759
10/10/12 15:20	38.262	38.146	33.370	11/7/12 15:00	37.792	22.109	34.613	36.024	27.448	29.994	36.721
10/10/12 15:40	38.255	38.144	33.360	11/7/12 16:00	37.776	22.093	34.755	35.998	27.478	29.969	36.712
10/10/12 16:00	38.255	38.160	33.349	11/7/12 17:00	37.774	22.074	34.757	35.991	27.471	30.076	36.859
10/10/12 16:20	38.232	38.118	33.339	11/7/12 18:00	37.776	22.070	34.748	35.989	27.492	30.071	36.838
10/10/12 16:40	38.225	38.109	33.330	11/7/12 19:00	37.776	22.070	34.813	35.986	27.488	30.069	36.789
10/10/12 17:00	38.272	38.224	33.321	11/7/12 20:00	37.795	22.067	34.787	35.986	27.462	30.078	36.829
10/10/12 17:20	38.218	38.102	33.314	11/7/12 21:00	37.799	22.086	34.690	36.000	27.429	30.039	36.775
10/10/12 17:40	38.209	38.095	33.335	11/7/12 22:00	37.811	22.081	34.631	36.003	27.499	29.997	36.724
10/10/12 18:00	38.232	38.121	33.351	11/7/12 23:00	37.813	22.084	34.792	36.010	27.434	30.104	36.799
10/10/12 18:20	38.218	38.102	33.325	11/8/12 0:00	37.811	22.079	34.643	36.010	27.453	30.006	36.733
10/10/12 18:40	38.209	38.093	33.311	11/8/12 1:00	37.809	22.074	34.727	36.007	27.392	30.006	36.696
10/10/12 19:00	38.199	38.081	33.302	11/8/12 2:00	37.809	22.067	34.576	36.005	27.361	29.952	36.663
10/10/12 19:20	38.195	38.076	33.300	11/8/12 3:00	37.790	22.056	34.522	36.003	27.329	29.915	36.611
10/10/12 19:40	38.192	38.074	33.295	11/8/12 4:00	37.781	22.039	34.480	35.986	27.298	29.875	36.576
10/10/12 20:00	38.190	38.074	33.295	11/8/12 5:00	37.762	22.023	34.454	35.977	27.277	29.845	36.555
10/10/12 20:20	38.195	38.076	33.295	11/8/12 6:00	37.764	22.007	34.452	35.977	27.277	29.826	36.569
10/10/12 20:40	38.209	38.088	33.292	11/8/12 7:00	37.783	22.011	34.459	35.979	27.275	29.826	36.597
10/10/12 21:00	38.209	38.090	33.290	11/8/12 8:00	37.795	22.025	34.440	35.986	27.291	29.824	36.579
10/10/12 21:20	38.204	38.086	33.290	11/8/12 9:00	37.809	22.030	34.489	35.996	27.275	29.824	36.562
10/10/12 21:40	38.202	38.083	33.290	11/8/12 10:00	37.823	22.044	34.436	36.005	27.280	29.819	36.555
10/10/12 22:00	38.199	38.081	33.288	11/8/12 11:00	37.811	22.044	34.438	36.014	27.261	29.831	36.553
10/10/12 22:20	38.218	38.100	33.436	11/8/12 12:00	37.816	22.021	34.433	36.007	27.247	29.814	36.546

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/10/12 22:40	38.218	38.102	33.321	11/8/12 13:00	37.792	22.021	34.406	36.007	27.214	29.793	36.532
10/10/12 23:00	38.204	38.090	33.302	11/8/12 14:00	37.774	22.000	34.371	35.984	27.240	29.761	36.502
10/10/12 23:20	38.202	38.083	33.292	11/8/12 15:00	37.755	21.981	34.468	35.970	27.198	29.814	36.534
10/10/12 23:40	38.195	38.076	33.288	11/8/12 16:00	37.764	21.962	34.396	35.954	27.193	29.758	36.509
10/11/12 0:00	38.192	38.074	33.283	11/8/12 17:00	37.776	21.974	34.396	35.961	27.226	29.747	36.504
10/11/12 0:20	38.185	38.069	33.281	11/8/12 18:00	37.788	21.988	34.466	35.970	27.221	29.770	36.532
10/11/12 0:40	38.185	38.067	33.278	11/8/12 19:00	37.813	21.990	34.471	35.979	27.228	29.763	36.520
10/11/12 1:00	38.181	38.062	33.274	11/8/12 20:00	37.823	22.009	34.415	36.000	27.238	29.782	36.534
10/11/12 1:20	38.176	38.057	33.269	11/8/12 21:00	37.827	22.009	34.436	36.005	27.289	29.800	36.551
10/11/12 1:40	38.171	38.055	33.264	11/8/12 22:00	37.837	22.014	34.554	36.012	27.242	29.863	36.586
10/11/12 2:00	38.167	38.048	33.260	11/8/12 23:00	37.832	22.021	34.438	36.017	27.226	29.798	36.555
10/11/12 2:20	38.167	38.050	33.260	11/9/12 0:00	37.825	22.009	34.405	36.010	27.210	29.779	36.532
10/11/12 2:40	38.164	38.046	33.257	11/9/12 1:00	37.820	21.990	34.387	36.005	27.191	29.765	36.513
10/11/12 3:00	38.162	38.043	33.250	11/9/12 2:00	37.818	21.993	34.354	36.000	27.177	29.737	36.480
10/11/12 3:20	38.160	38.041	33.248	11/9/12 3:00	37.811	21.986	34.333	36.000	27.158	29.721	36.459
10/11/12 3:40	38.155	38.036	33.243	11/9/12 4:00	37.809	21.976	34.315	35.991	27.144	29.702	36.443
10/11/12 4:00	38.150	38.029	33.236	11/9/12 5:00	37.804	21.967	34.298	35.989	27.135	29.688	36.429
10/11/12 4:20	38.146	38.027	33.234	11/9/12 6:00	37.816	21.958	34.287	35.984	27.139	29.676	36.422
10/11/12 4:40	38.144	38.025	33.227	11/9/12 7:00	37.820	21.979	34.289	35.993	27.146	29.679	36.422
10/11/12 5:00	38.141	38.022	33.227	11/9/12 8:00	37.832	21.990	34.291	35.986	27.156	29.672	36.424
10/11/12 5:20	38.141	38.022	33.227	11/9/12 9:00	37.848	21.997	34.317	35.989	27.156	29.695	36.443
10/11/12 5:40	38.139	38.018	33.222	11/9/12 10:00	37.848	22.000	34.308	35.991	27.149	29.693	36.443
10/11/12 6:00	38.141	38.023	33.222	11/9/12 11:00	37.844	21.997	34.296	36.003	27.193	29.688	36.443
10/11/12 6:20	38.143	38.022	33.224	11/9/12 12:00	37.841	21.995	34.412	36.059	27.196	29.758	36.497
10/11/12 6:40	38.146	38.027	33.224	11/9/12 13:00	37.816	21.983	34.408	36.087	27.191	29.763	36.539
10/11/12 7:00	38.155	38.034	33.224	11/9/12 14:00	37.781	21.958	34.438	35.991	27.158	29.763	36.511
10/11/12 7:20	38.155	38.036	33.227	11/9/12 15:00	37.755	21.927	34.440	35.961	27.116	29.718	36.504
10/11/12 7:40	38.153	38.034	33.224	11/9/12 16:00	37.725	21.906	34.345	35.942	27.097	29.690	36.471
10/11/12 8:00	38.153	38.032	33.222	11/9/12 17:00	37.718	21.883	34.345	35.914	27.072	29.672	36.445
10/11/12 8:20	38.174	38.057	33.332	11/9/12 18:00	37.711	21.874	34.317	35.912	27.097	29.641	36.438
10/11/12 8:40	38.169	38.051	33.262	11/9/12 19:00	37.718	21.872	34.371	35.907	27.121	29.688	36.490
10/11/12 9:00	38.164	38.046	33.248	11/9/12 20:00	37.729	21.874	34.452	35.912	27.093	29.672	36.476
10/11/12 9:20	38.162	38.046	33.243	11/9/12 21:00	37.750	21.885	34.349	35.942	27.093	29.662	36.502
10/11/12 9:40	38.160	38.043	33.239	11/9/12 22:00	37.764	21.895	34.338	35.963	27.090	29.662	36.520

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/11/12 10:00	38.176	38.076	33.234	11/9/12 23:00	37.776	21.902	34.324	35.972	27.118	29.660	36.518
10/11/12 10:20	38.234	38.151	33.239	11/10/12 0:00	37.781	21.902	34.387	35.991	27.111	29.697	36.562
10/11/12 10:40	38.171	38.055	33.239	11/10/12 1:00	37.790	21.899	34.364	36.003	27.130	29.681	36.565
10/11/12 11:00	38.171	38.060	33.239	11/10/12 2:00	37.799	21.906	34.403	36.010	27.121	29.700	36.572
10/11/12 11:20	38.188	38.072	33.304	11/10/12 3:00	37.804	21.916	34.361	36.017	27.104	29.690	36.565
10/11/12 11:40	38.178	38.062	33.269	11/10/12 4:00	37.813	21.911	34.329	36.014	27.109	29.669	36.511
10/11/12 12:00	38.169	38.053	33.253	11/10/12 5:00	37.816	21.920	34.326	36.024	27.102	29.669	36.504
10/11/12 12:20	38.162	38.041	33.243	11/10/12 6:00	37.834	21.913	34.317	36.024	27.125	29.665	36.494
10/11/12 12:40	38.160	38.041	33.238	11/10/12 7:00	37.846	21.927	34.343	36.035	27.121	29.688	36.516
10/11/12 13:00	38.153	38.034	33.231	11/10/12 8:00	37.848	21.939	34.322	36.042	27.139	29.681	36.494
10/11/12 13:20	38.153	38.032	33.227	11/10/12 9:00	37.851	21.937	34.366	36.040	27.128	29.697	36.485
10/11/12 13:40	38.143	38.027	33.222	11/10/12 10:00	37.855	21.939	34.331	36.047	27.137	29.681	36.494
10/11/12 14:00	38.141	38.022	33.215	11/10/12 11:00	37.832	21.946	34.350	36.063	27.130	29.693	36.523
10/11/12 14:20	38.139	38.018	33.210	11/10/12 12:00	37.823	21.927	34.368	36.052	27.142	29.690	36.569
10/11/12 14:40	38.134	38.015	33.208	11/10/12 13:00	37.790	21.916	34.410	36.049	27.116	29.716	36.623
10/11/12 15:00	38.136	38.018	33.206	11/10/12 14:00	37.755	21.881	34.391	36.033	27.177	29.695	36.630
10/11/12 15:20	38.148	38.050	33.208	11/10/12 15:00	37.727	21.851	34.613	36.007	27.107	29.756	36.682
10/11/12 15:40	38.160	38.046	33.213	11/10/12 16:00	37.725	21.827	34.438	35.991	27.107	29.711	36.691
10/11/12 16:00	38.167	38.062	33.215	11/10/12 17:00	37.732	21.823	34.438	35.991	27.179	29.707	36.675
10/11/12 16:20	38.153	38.032	33.217	11/10/12 18:00	37.748	21.836	34.659	36.003	27.247	29.740	36.689
10/11/12 16:40	38.164	38.048	33.222	11/10/12 19:00	37.741	21.836	34.718	36.019	27.228	29.903	36.878
10/11/12 17:00	38.204	38.093	33.321	11/10/12 20:00	37.781	21.832	34.662	36.014	27.205	29.840	36.838
10/11/12 17:20	38.405	38.502	33.267	11/10/12 21:00	37.795	21.855	34.552	36.047	27.179	29.824	36.799
10/11/12 17:40	38.530	38.565	33.267	11/10/12 22:00	37.834	21.853	34.478	36.042	27.207	29.784	36.696
10/11/12 18:00	38.542	38.534	33.276	11/10/12 23:00	37.955	21.911	34.473	36.080	27.308	29.777	36.637
10/11/12 18:20	38.668	38.710	33.292	11/11/12 0:00	38.014	22.023	34.555	36.192	27.347	29.866	36.691
10/11/12 18:40	38.859	39.009	33.316	11/11/12 1:00	38.053	22.056	34.580	36.227	27.410	29.917	36.733
10/11/12 19:00	38.873	38.997	33.344	11/11/12 2:00	38.065	22.100	34.650	36.269	27.429	29.969	36.782
10/11/12 19:20	38.950	39.109	33.370	11/11/12 3:00	38.067	22.102	34.664	36.283	27.436	29.987	36.813
10/11/12 19:40	38.960	39.074	33.398	11/11/12 4:00	38.088	22.091	34.680	36.288	27.483	30.011	36.845
10/11/12 20:00	38.932	39.074	33.421	11/11/12 5:00	38.062	22.128	34.718	36.245	27.492	30.041	36.876
10/11/12 20:20	39.088	39.261	33.445	11/11/12 6:00	38.093	22.123	34.729	36.203	27.523	30.055	36.892
10/11/12 20:40	39.064	39.247	33.473	11/11/12 7:00	38.093	22.135	34.753	36.164	27.551	30.083	36.922
10/11/12 21:00	38.981	39.081	33.497	11/11/12 8:00	38.095	22.156	34.783	36.129	27.574	30.111	36.939

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/11/12 21:20	38.995	39.128	33.513	11/11/12 9:00	38.130	22.172	34.813	36.323	27.628	30.137	36.969
10/11/12 21:40	38.962	39.030	33.527	11/11/12 10:00	38.135	22.205	34.857	36.353	27.668	30.172	37.007
10/11/12 22:00	38.974	39.027	33.539	11/11/12 11:00	38.144	22.219	34.918	36.360	27.668	30.235	37.046
10/11/12 22:20	39.034	39.158	33.548	11/11/12 12:00	38.128	22.207	34.904	36.369	27.707	30.242	37.063
10/11/12 22:40	39.034	39.172	33.558	11/11/12 13:00	38.107	22.228	34.983	36.355	27.698	30.251	37.079
10/11/12 23:00	39.006	39.126	33.565	11/11/12 14:00	38.079	22.212	34.939	36.341	27.707	30.265	37.098
10/11/12 23:20	39.006	39.121	33.651	11/11/12 15:00	38.062	22.207	35.009	36.318	27.808	30.258	37.091
10/11/12 23:40	39.039	39.156	33.611	11/11/12 16:00	38.058	22.212	35.244	36.309	27.766	30.382	37.187
10/12/12 0:00	39.132	39.275	33.602	11/11/12 17:00	38.072	22.221	35.051	36.302	27.791	30.357	37.196
10/12/12 0:20	39.081	39.196	33.609	11/11/12 18:00	38.074	22.247	35.072	36.306	27.812	30.373	37.166
10/12/12 0:40	39.200	39.378	33.609	11/11/12 19:00	38.090	22.263	35.116	36.297	27.805	30.375	37.128
10/12/12 1:00	39.223	39.406	33.614	11/11/12 20:00	38.102	22.291	35.030	36.299	27.789	30.350	37.056
10/12/12 1:20	39.151	39.270	33.626	11/11/12 21:00	38.104	22.310	34.948	36.299	27.784	30.336	37.002
10/12/12 1:40	39.228	39.348	33.630	11/11/12 22:00	38.107	22.326	34.923	36.297	27.784	30.324	36.967
10/12/12 2:00	39.204	39.378	33.637	11/11/12 23:00	38.109	22.335	34.909	36.295	27.801	30.322	36.951
10/12/12 2:20	39.186	39.315	33.637	11/12/12 0:00	38.107	22.345	34.937	36.292	27.810	30.340	36.955
10/12/12 2:40	39.237	39.408	33.640	11/12/12 1:00	38.111	22.359	34.941	36.290	27.803	30.345	36.962
10/12/12 3:00	39.270	39.439	33.639	11/12/12 2:00	38.097	22.380	34.913	36.288	27.798	30.331	36.946
10/12/12 3:20	39.160	39.296	33.644	11/12/12 3:00	38.076	22.366	34.944	36.274	27.780	30.317	36.930
10/12/12 3:40	39.174	39.322	33.642	11/12/12 4:00	38.062	22.361	34.888	36.257	27.770	30.310	36.925
10/12/12 4:00	39.113	39.212	33.640	11/12/12 5:00	38.058	22.366	34.867	36.246	27.768	30.294	36.906
10/12/12 4:20	39.141	39.238	33.642	11/12/12 6:00	38.058	22.380	34.862	36.241	27.770	30.287	36.894
10/12/12 4:40	39.120	39.266	33.642	11/12/12 7:00	38.060	22.389	34.862	36.239	27.773	30.287	36.892
10/12/12 5:00	39.067	39.135	33.644	11/12/12 8:00	38.062	22.407	34.860	36.238	27.780	30.291	36.897
10/12/12 5:20	39.060	39.154	33.642	11/12/12 9:00	38.083	22.417	34.867	36.241	27.822	30.298	36.906
10/12/12 5:40	39.069	39.207	33.642	11/12/12 10:00	38.083	22.452	34.925	36.255	27.817	30.336	36.937
10/12/12 6:00	39.097	39.226	33.644	11/12/12 11:00	38.079	22.454	34.906	36.255	27.918	30.333	36.948
10/12/12 6:20	39.041	39.009	33.644	11/12/12 12:00	38.067	22.454	35.179	36.248	27.948	30.452	37.051
10/12/12 6:40	39.097	39.177	33.644	11/12/12 13:00	38.032	22.459	35.198	36.241	27.890	30.525	37.161
10/12/12 7:00	39.130	39.196	33.649	11/12/12 14:00	37.990	22.433	35.086	36.225	27.862	30.452	37.128
10/12/12 7:20	38.890	38.798	33.658	11/12/12 15:00	37.962	22.405	35.067	36.211	27.848	30.415	37.117
10/12/12 7:40	38.822	38.710	33.654	11/12/12 16:00	37.948	22.389	35.076	36.201	27.831	30.394	37.140
10/12/12 8:00	38.967	39.053	33.771	11/12/12 17:00	37.953	22.394	35.041	36.196	27.875	30.387	37.154
10/12/12 8:20	38.929	38.974	33.675	11/12/12 18:00	37.951	22.400	35.146	36.203	27.883	30.438	37.210

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/12/12 8:40	38.645	38.537	33.658	11/12/12 19:00	37.953	22.405	35.149	36.182	27.869	30.443	37.205
10/12/12 9:00	38.577	38.464	33.642	11/12/12 20:00	37.960	22.412	35.132	36.173	27.831	30.406	37.105
10/12/12 9:20	38.647	38.628	33.628	11/12/12 21:00	37.972	22.433	34.990	36.175	27.815	30.382	37.051
10/12/12 9:40	38.544	38.436	33.616	11/12/12 22:00	37.974	22.440	34.948	36.180	27.812	30.359	37.000
10/12/12 10:00	38.701	38.703	33.604	11/12/12 23:00	37.974	22.447	34.941	36.178	27.796	30.350	36.986
10/12/12 10:20	38.507	38.399	33.595	11/13/12 0:00	37.976	22.449	34.913	36.173	27.796	30.326	36.955
10/12/12 10:40	38.477	38.364	33.583	11/13/12 1:00	37.976	22.452	34.916	36.173	27.780	30.331	36.955
10/12/12 11:00	38.489	38.392	33.574	11/13/12 2:00	37.967	22.456	34.885	36.171	27.761	30.308	36.929
10/12/12 11:20	38.715	38.714	33.562	11/13/12 3:00	37.955	22.456	34.862	36.161	27.763	30.289	36.906
10/12/12 11:40	38.535	38.415	33.558	11/13/12 4:00	37.955	22.452	34.890	36.152	27.738	30.298	36.904
10/12/12 12:00	38.530	38.462	33.548	11/13/12 5:00	37.941	22.445	34.839	36.150	27.714	30.268	36.883
10/12/12 12:20	38.447	38.333	33.539	11/13/12 6:00	37.923	22.433	34.813	36.136	27.691	30.242	36.859
10/12/12 12:40	38.565	38.476	33.529	11/13/12 7:00	37.923	22.421	34.790	36.119	27.682	30.216	36.838
10/12/12 13:00	38.407	38.291	33.518	11/13/12 8:00	37.925	22.424	34.778	36.119	27.677	30.202	36.827
10/12/12 13:20	38.400	38.291	33.572	11/13/12 9:00	37.932	22.435	34.774	36.122	27.677	30.198	36.824
10/12/12 13:40	38.379	38.263	33.518	11/13/12 10:00	37.934	22.442	34.769	36.126	27.682	30.195	36.827
10/12/12 14:00	38.358	38.242	33.492	11/13/12 11:00	37.932	22.440	34.795	36.129	27.689	30.212	36.845
10/12/12 14:20	38.342	38.226	33.473	11/13/12 12:00	37.916	22.440	34.818	36.124	27.658	30.219	36.857
10/12/12 14:40	38.325	38.212	33.457	11/13/12 13:00	37.897	22.419	34.776	36.110	27.649	30.186	36.845
10/12/12 15:00	38.309	38.195	33.442	11/13/12 14:00	37.860	22.400	34.781	36.098	27.602	30.186	36.862
10/12/12 15:20	38.302	38.186	33.431	11/13/12 15:00	37.841	22.366	34.732	36.070	27.574	30.137	36.824
10/12/12 15:40	38.288	38.174	33.421	11/13/12 16:00	37.823	22.349	34.715	36.059	27.595	30.111	36.815
10/12/12 16:00	38.283	38.165	33.412	11/13/12 17:00	37.837	22.333	34.799	36.054	27.597	30.158	36.871
10/12/12 16:20	38.269	38.153	33.400	11/13/12 18:00	37.858	22.354	34.771	36.061	27.649	30.142	36.885
10/12/12 16:40	38.262	38.146	33.391	11/13/12 19:00	37.874	22.361	34.904	36.073	27.768	30.170	36.885
10/12/12 17:00	38.258	38.142	33.386	11/13/12 20:00	37.895	22.380	35.139	36.087	27.728	30.359	37.091
10/12/12 17:20	38.241	38.128	33.372	11/13/12 21:00	37.909	22.382	35.013	36.101	27.703	30.303	37.039
10/12/12 17:40	38.241	38.123	33.363	11/13/12 22:00	37.927	22.387	34.944	36.108	27.689	30.261	36.969
10/12/12 18:00	38.225	38.107	33.346	11/13/12 23:00	37.939	22.396	34.857	36.122	27.691	30.242	36.925
10/12/12 18:20	38.225	38.109	33.346	11/14/12 0:00	37.939	22.405	34.860	36.131	27.665	30.244	36.897
10/12/12 18:40	38.216	38.097	33.337	11/14/12 1:00	37.937	22.398	34.804	36.129	27.663	30.207	36.869
10/12/12 19:00	38.211	38.095	33.332	11/14/12 2:00	37.930	22.398	34.809	36.126	27.635	30.207	36.859
10/12/12 19:20	38.227	38.107	33.520	11/14/12 3:00	37.927	22.387	34.762	36.117	27.623	30.174	36.827
10/12/12 19:40	38.225	38.111	33.370	11/14/12 4:00	37.930	22.396	34.741	36.115	27.628	30.156	36.803

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/12/12 20:00	38.220	38.104	33.349	11/14/12 5:00	37.927	22.391	34.757	36.117	27.604	30.167	36.803
10/12/12 20:20	38.216	38.097	33.339	11/14/12 6:00	37.930	22.391	34.718	36.112	27.600	30.137	36.777
10/12/12 20:40	38.211	38.095	33.330	11/14/12 7:00	37.941	22.391	34.704	36.112	27.597	30.125	36.763
10/12/12 21:00	38.202	38.083	33.314	11/14/12 8:00	37.946	22.405	34.701	36.122	27.597	30.123	36.759
10/12/12 21:20	38.190	38.074	33.300	11/14/12 9:00	37.951	22.403	34.699	36.126	27.604	30.123	36.761
10/12/12 21:40	38.188	38.069	33.283	11/14/12 10:00	37.953	22.403	34.713	36.129	27.602	30.132	36.780
10/12/12 22:00	38.181	38.064	33.281	11/14/12 11:00	37.955	22.414	34.706	36.129	27.628	30.125	36.777
10/12/12 22:20	38.176	38.060	33.276	11/14/12 12:00	37.944	22.412	34.785	36.133	27.612	30.142	36.801
10/12/12 22:40	38.169	38.053	33.267	11/14/12 13:00	37.906	22.405	34.743	36.122	27.602	30.149	36.822
10/12/12 23:00	38.162	38.048	33.260	11/14/12 14:00	37.881	22.368	34.806	36.094	27.572	30.135	36.824
10/12/12 23:20	38.158	38.041	33.255	11/14/12 15:00	37.851	22.349	34.734	36.073	27.530	30.123	36.815
10/12/12 23:40	38.143	38.025	33.239	11/14/12 16:00	37.832	22.317	34.676	36.047	27.502	30.074	36.782
10/13/12 0:00	38.129	38.013	33.222	11/14/12 17:00	37.832	22.300	34.650	36.033	27.490	30.048	36.749
10/13/12 0:20	38.118	37.999	33.208	11/14/12 18:00	37.827	22.303	34.629	36.031	27.506	30.029	36.726
10/13/12 0:40	38.108	37.994	33.199	11/14/12 19:00	37.841	22.293	34.694	36.028	27.614	30.067	36.733
10/13/12 1:00	38.094	37.976	33.182	11/14/12 20:00	37.848	22.300	34.962	36.040	27.546	30.188	36.869
10/13/12 1:20	38.088	37.969	33.173	11/14/12 21:00	37.862	22.305	34.743	36.045	27.562	30.109	36.829
10/13/12 1:40	38.083	37.966	33.171	11/14/12 22:00	37.864	22.317	34.776	36.056	27.553	30.121	36.808
10/13/12 2:00	38.073	37.955	33.161	11/14/12 23:00	37.883	22.307	34.762	36.056	27.544	30.092	36.789
10/13/12 2:20	38.092	37.978	33.236	11/15/12 0:00	37.867	22.324	34.711	36.070	27.513	30.095	36.789
10/13/12 2:40	38.472	38.600	33.203	11/15/12 1:00	37.878	22.293	34.673	36.056	27.502	30.067	36.761
10/13/12 3:00	38.554	38.658	33.227	11/15/12 2:00	37.881	22.303	34.645	36.066	27.488	30.043	36.733
10/13/12 3:20	38.178	38.102	33.208	11/15/12 3:00	37.876	22.300	34.620	36.066	27.483	30.027	36.710
10/13/12 3:40	38.134	38.027	33.189	11/15/12 4:00	37.874	22.296	34.624	36.061	27.462	30.025	36.707
10/13/12 4:00	38.108	38.001	33.175	11/15/12 5:00	37.876	22.286	34.592	36.059	27.453	29.999	36.679
10/13/12 4:20	38.085	37.973	33.156	11/15/12 6:00	37.885	22.286	34.576	36.061	27.450	29.987	36.663
10/13/12 4:40	38.066	37.955	33.138	11/15/12 7:00	37.920	22.291	34.566	36.068	27.469	29.978	36.651
10/13/12 5:00	38.190	38.160	33.133	11/15/12 8:00	37.934	22.324	34.578	36.096	27.476	29.994	36.654
10/13/12 5:20	38.078	37.969	33.135	11/15/12 9:00	37.962	22.324	34.582	36.105	27.509	30.001	36.661
10/13/12 5:40	38.059	37.950	33.133	11/15/12 10:00	37.981	22.351	34.622	36.129	27.523	30.034	36.698
10/13/12 6:00	38.045	37.936	33.126	11/15/12 11:00	37.997	22.365	34.629	36.145	27.544	30.046	36.710
10/13/12 6:20	38.048	37.929	33.121	11/15/12 12:00	38.011	22.379	34.659	36.159	27.565	30.069	36.742
10/13/12 6:40	38.171	38.104	33.105	11/15/12 13:00	37.972	22.391	34.683	36.171	27.532	30.097	36.773
10/13/12 7:00	38.080	37.997	33.088	11/15/12 14:00	37.955	22.352	34.652	36.138	27.530	30.060	36.756

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/13/12 7:20	38.050	37.938	33.091	11/15/12 15:00	37.953	22.347	34.699	36.126	27.544	30.060	36.761
10/13/12 7:40	38.034	37.920	33.084	11/15/12 16:00	37.960	22.349	34.704	36.145	27.569	30.081	36.822
10/13/12 8:00	38.015	37.908	33.067	11/15/12 17:00	37.972	22.361	34.781	36.157	27.588	30.107	36.869
10/13/12 8:20	38.017	37.901	33.060	11/15/12 18:00	37.986	22.375	34.769	36.173	27.656	30.132	36.904
10/13/12 8:40	38.024	37.906	33.065	11/15/12 19:00	38.004	22.386	34.923	36.175	27.726	30.221	36.965
10/13/12 9:00	38.027	37.913	33.070	11/15/12 20:00	38.023	22.412	35.023	36.185	27.735	30.282	37.009
10/13/12 9:20	38.010	37.899	33.060	11/15/12 21:00	38.028	22.435	35.011	36.199	27.761	30.291	36.995
10/13/12 9:40	38.006	37.889	33.053	11/15/12 22:00	38.028	22.440	35.030	36.199	27.712	30.322	37.030
10/13/12 10:00	38.008	37.894	33.058	11/15/12 23:00	38.030	22.440	34.883	36.199	27.707	30.268	36.969
10/13/12 10:20	38.010	37.892	33.060	11/16/12 0:00	38.030	22.447	34.860	36.199	27.698	30.254	36.941
10/13/12 10:40	38.003	37.892	33.058	11/16/12 1:00	38.035	22.456	34.832	36.178	27.705	30.237	36.908
10/13/12 11:00	38.010	37.906	33.053	11/16/12 2:00	38.025	22.466	34.841	36.147	27.693	30.244	36.911
10/13/12 11:20	38.025	37.913	33.107	11/16/12 3:00	38.021	22.461	34.818	36.122	27.684	30.226	36.890
10/13/12 11:40	38.116	38.093	33.067	11/16/12 4:00	38.014	22.463	34.801	36.096	27.677	30.219	36.878
10/13/12 12:00	38.059	37.985	33.053	11/16/12 5:00	37.997	22.463	34.788	36.075	27.661	30.207	36.864
10/13/12 12:20	38.132	38.111	33.044	11/16/12 6:00	37.967	22.447	34.769	36.054	27.635	30.188	36.848
10/13/12 12:40	38.048	37.966	33.039	11/16/12 7:00	37.986	22.442	34.746	36.033	27.644	30.163	36.824
10/13/12 13:00	38.125	38.069	33.032	11/16/12 8:00	37.981	22.466	34.748	36.017	27.640	30.170	36.820
10/13/12 13:20	38.003	37.899	33.020	11/16/12 9:00	37.979	22.463	34.741	36.005	27.637	30.163	36.815
10/13/12 13:40	38.097	38.078	33.009	11/16/12 10:00	37.979	22.470	34.741	35.996	27.635	30.160	36.815
10/13/12 14:00	38.104	38.013	32.999	11/16/12 11:00	37.969	22.468	34.743	36.005	27.654	30.158	36.813
10/13/12 14:20	38.064	38.011	32.990	11/16/12 12:00	37.962	22.463	34.820	36.068	27.668	30.188	36.852
10/13/12 14:40	38.209	38.235	32.981	11/16/12 13:00	37.918	22.456	34.836	36.110	27.604	30.200	36.878
10/13/12 15:00	38.055	38.013	32.971	11/16/12 14:00	37.883	22.417	34.739	36.182	27.562	30.144	36.843
10/13/12 15:20	38.010	37.924	32.966	11/16/12 15:00	37.860	22.391	34.697	36.073	27.532	30.102	36.806
10/13/12 15:40	37.985	37.880	32.959	11/16/12 16:00	37.844	22.365	34.662	36.054	27.537	30.069	36.775
10/13/12 16:00	37.945	37.833	32.950	11/16/12 17:00	37.846	22.356	34.748	36.047	27.518	30.062	36.780
10/13/12 16:20	37.966	37.873	33.034	11/16/12 18:00	37.841	22.358	34.669	36.047	27.551	30.060	36.782
10/13/12 16:40	37.966	37.852	32.959	11/16/12 19:00	37.841	22.351	34.764	36.040	27.537	30.107	36.794
10/13/12 17:00	37.938	37.819	32.943	11/16/12 20:00	37.855	22.344	34.755	36.040	27.537	30.097	36.801
10/13/12 17:20	37.922	37.805	32.934	11/16/12 21:00	37.860	22.356	34.741	36.049	27.506	30.064	36.773
10/13/12 17:40	37.936	37.819	32.927	11/16/12 22:00	37.867	22.349	34.659	36.052	27.616	30.048	36.752
10/13/12 18:00	37.913	37.798	32.922	11/16/12 23:00	37.876	22.349	34.944	36.059	27.595	30.167	36.834
10/13/12 18:20	37.903	37.784	32.917	11/17/12 0:00	37.883	22.356	34.832	36.066	27.572	30.177	36.911

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/13/12 18:40	37.901	37.784	32.915	11/17/12 1:00	37.883	22.351	34.774	36.070	27.537	30.137	36.848
10/13/12 19:00	37.892	37.770	32.908	11/17/12 2:00	37.876	22.349	34.699	36.068	27.530	30.085	36.794
10/13/12 19:20	37.892	37.768	32.903	11/17/12 3:00	37.867	22.333	34.739	36.063	27.516	30.078	36.777
10/13/12 19:40	37.894	37.768	32.901	11/17/12 4:00	37.862	22.321	34.694	36.059	27.497	30.074	36.782
10/13/12 20:00	37.894	37.768	32.903	11/17/12 5:00	37.848	22.317	34.662	36.056	27.464	30.048	36.766
10/13/12 20:20	37.903	37.777	32.915	11/17/12 6:00	37.851	22.293	34.617	36.042	27.467	30.013	36.726
10/13/12 20:40	37.908	37.782	32.922	11/17/12 7:00	37.851	22.289	34.634	36.047	27.446	30.020	36.733
10/13/12 21:00	37.913	37.786	32.927	11/17/12 8:00	37.844	22.291	34.594	36.045	27.439	29.990	36.698
10/13/12 21:20	37.920	37.798	32.934	11/17/12 9:00	37.853	22.282	34.599	36.063	27.469	29.980	36.707
10/13/12 21:40	37.920	37.798	32.933	11/17/12 10:00	37.862	22.279	34.676	36.066	27.462	30.032	36.770
10/13/12 22:00	37.927	37.798	32.936	11/17/12 11:00	37.869	22.286	34.652	36.101	27.469	30.013	36.782
10/13/12 22:20	37.927	37.803	32.936	11/17/12 12:00	37.874	22.284	34.671	36.150	27.481	30.027	36.822
10/13/12 22:40	37.931	37.807	32.941	11/17/12 13:00	37.844	22.286	34.699	36.108	27.495	30.041	36.871
10/13/12 23:00	37.934	37.812	32.943	11/17/12 14:00	37.813	22.247	34.767	36.087	27.490	30.081	36.946
10/13/12 23:20	37.934	37.812	32.943	11/17/12 15:00	37.809	22.214	34.806	36.063	27.471	30.062	36.930
10/13/12 23:40	37.938	37.821	32.948	11/17/12 16:00	37.804	22.205	34.757	36.061	27.462	30.060	36.930
10/14/12 0:00	37.943	37.817	32.945	11/17/12 17:00	37.823	22.193	34.771	36.063	27.457	30.027	36.906
10/14/12 0:20	38.358	38.380	33.088	11/17/12 18:00	37.844	22.214	34.708	36.077	27.483	30.032	36.890
10/14/12 0:40	38.524	38.626	33.023	11/17/12 19:00	37.855	22.221	34.741	36.089	27.502	30.069	36.904
10/14/12 1:00	38.591	38.719	33.037	11/17/12 20:00	37.869	22.228	34.804	36.084	27.485	30.062	36.843
10/14/12 1:20	38.584	38.670	33.065	11/17/12 21:00	37.867	22.228	34.711	36.089	27.476	30.064	36.829
10/14/12 1:40	38.663	38.784	33.079	11/17/12 22:00	37.871	22.216	34.729	36.091	27.481	30.029	36.787
10/14/12 2:00	38.635	38.740	33.093	11/17/12 23:00	37.874	22.219	34.713	36.103	27.481	30.055	36.827
10/14/12 2:20	38.740	38.862	33.124	11/18/12 0:00	37.881	22.212	34.762	36.112	27.474	30.036	36.827
10/14/12 2:40	38.815	38.953	33.152	11/18/12 1:00	37.876	22.216	34.699	36.117	27.464	30.046	36.845
10/14/12 3:00	38.645	38.724	33.168	11/18/12 2:00	37.874	22.205	34.685	36.117	27.539	30.034	36.841
10/14/12 3:20	38.482	38.523	33.185	11/18/12 3:00	37.864	22.200	34.881	36.115	27.492	30.116	36.927
10/14/12 3:40	38.281	38.177	33.187	11/18/12 4:00	37.876	22.193	34.746	36.105	27.485	30.076	36.904
10/14/12 4:00	38.451	38.396	33.182	11/18/12 5:00	37.867	22.193	34.720	36.101	27.441	30.060	36.822
10/14/12 4:20	38.540	38.558	33.182	11/18/12 6:00	37.864	22.181	34.629	36.087	27.415	30.006	36.752
10/14/12 4:40	38.596	38.640	33.192	11/18/12 7:00	37.864	22.170	34.583	36.080	27.394	29.971	36.691
10/14/12 5:00	38.708	38.791	33.210	11/18/12 8:00	37.867	22.170	34.548	36.077	27.385	29.948	36.651
10/14/12 5:20	38.332	38.242	33.229	11/18/12 9:00	37.869	22.177	34.531	36.077	27.392	29.927	36.625
10/14/12 5:40	38.393	38.364	33.229	11/18/12 10:00	37.869	22.177	34.559	36.075	27.376	29.948	36.647

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/14/12 6:00	38.407	38.326	33.239	11/18/12 11:00	37.864	22.165	34.531	36.073	27.376	29.927	36.630
10/14/12 6:20	38.251	38.130	33.243	11/18/12 12:00	37.864	22.174	34.548	36.089	27.376	29.917	36.654
10/14/12 6:40	38.265	38.163	33.250	11/18/12 13:00	37.832	22.163	34.555	36.091	27.352	29.924	36.689
10/14/12 7:00	38.246	38.130	33.253	11/18/12 14:00	37.809	22.128	34.548	36.063	27.333	29.908	36.707
10/14/12 7:20	38.293	38.214	33.262	11/18/12 15:00	37.799	22.102	34.550	36.056	27.336	29.896	36.731
10/14/12 7:40	38.251	38.128	33.271	11/18/12 16:00	37.802	22.102	34.568	36.052	27.385	29.905	36.756
10/14/12 8:00	38.395	38.319	33.283	11/18/12 17:00	37.816	22.100	34.750	36.056	27.453	29.938	36.777
10/14/12 8:20	38.584	38.609	33.292	11/18/12 18:00	37.827	22.109	34.815	36.063	27.443	30.074	36.927
10/14/12 8:40	38.689	38.745	33.311	11/18/12 19:00	37.839	22.111	34.783	36.070	27.427	30.027	36.876
10/14/12 9:00	38.414	38.322	33.337	11/18/12 20:00	37.853	22.116	34.713	36.075	27.399	30.032	36.836
10/14/12 9:20	38.619	38.665	33.351	11/18/12 21:00	37.862	22.123	34.617	36.080	27.390	29.969	36.749
10/14/12 9:40	38.584	38.509	33.414	11/18/12 22:00	37.853	22.125	34.627	36.080	27.366	29.936	36.679
10/14/12 10:00	38.810	38.915	33.407	11/18/12 23:00	37.869	22.114	34.606	36.084	27.366	29.922	36.677
10/14/12 10:20	38.838	38.913	33.417	11/19/12 0:00	37.881	22.128	34.554	36.087	27.357	29.927	36.684
10/14/12 10:40	38.864	38.971	33.438	11/19/12 1:00	37.888	22.132	34.524	36.091	27.357	29.913	36.637
10/14/12 11:00	38.971	39.088	33.450	11/19/12 2:00	37.885	22.130	34.522	36.091	27.340	29.910	36.625
10/14/12 11:20	39.013	39.140	33.464	11/19/12 3:00	37.895	22.130	34.492	36.089	27.336	29.887	36.600
10/14/12 11:40	39.032	39.149	33.480	11/19/12 4:00	37.913	22.132	34.480	36.091	27.354	29.877	36.588
10/14/12 12:00	39.009	39.121	33.497	11/19/12 5:00	37.927	22.153	34.501	36.108	27.354	29.894	36.600
10/14/12 12:20	39.009	39.179	33.508	11/19/12 6:00	37.934	22.153	34.492	36.117	27.357	29.894	36.595
10/14/12 12:40	39.060	39.156	33.513	11/19/12 7:00	37.927	22.165	34.492	36.122	27.347	29.891	36.590
10/14/12 13:00	39.079	39.203	33.520	11/19/12 8:00	37.941	22.153	34.480	36.115	27.359	29.884	36.588
10/14/12 13:20	39.020	39.119	33.520	11/19/12 9:00	37.958	22.165	34.489	36.126	27.387	29.889	36.590
10/14/12 13:40	39.055	39.165	33.520	11/19/12 10:00	37.990	22.188	34.552	36.136	27.406	29.901	36.600
10/14/12 14:00	39.027	39.100	33.518	11/19/12 11:00	38.000	22.207	34.529	36.166	27.413	29.936	36.625
10/14/12 14:20	39.067	39.184	33.536	11/19/12 12:00	37.983	22.214	34.534	36.171	27.415	29.943	36.632
10/14/12 14:40	39.044	39.165	33.569	11/19/12 13:00	37.958	22.202	34.555	36.157	27.432	29.950	36.654
10/14/12 15:00	39.067	39.189	33.546	11/19/12 14:00	37.939	22.188	34.659	36.133	27.413	29.941	36.649
10/14/12 15:20	39.057	39.172	33.536	11/19/12 15:00	37.923	22.170	34.587	36.124	27.418	29.964	36.705
10/14/12 15:40	39.027	39.133	33.534	11/19/12 16:00	37.916	22.165	34.636	36.110	27.413	29.950	36.679
10/14/12 16:00	38.671	38.597	33.525	11/19/12 17:00	37.920	22.158	34.611	36.112	27.476	29.959	36.693
10/14/12 16:20	38.680	38.693	33.513	11/19/12 18:00	37.927	22.170	34.743	36.110	27.471	30.062	36.780
10/14/12 16:40	38.552	38.485	33.497	11/19/12 19:00	37.941	22.177	34.715	36.115	27.469	30.034	36.775
10/14/12 17:00	38.468	38.354	33.478	11/19/12 20:00	37.960	22.200	34.685	36.126	27.457	29.999	36.731

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/14/12 17:20	38.426	38.310	33.461	11/19/12 21:00	37.965	22.207	34.615	36.140	27.567	30.001	36.717
10/14/12 17:40	38.391	38.275	33.445	11/19/12 22:00	37.974	22.216	34.874	36.145	27.553	30.163	36.852
10/14/12 18:00	38.367	38.251	33.429	11/19/12 23:00	37.981	22.221	34.813	36.154	27.546	30.130	36.869
10/14/12 18:20	38.365	38.251	33.478	11/20/12 0:00	37.979	22.237	34.748	36.157	27.532	30.114	36.836
10/14/12 18:40	38.342	38.226	33.431	11/20/12 1:00	37.983	22.233	34.711	36.154	27.516	30.088	36.796
10/14/12 19:00	38.328	38.212	33.414	11/20/12 2:00	37.983	22.240	34.669	36.157	27.518	30.062	36.756
10/14/12 19:20	38.316	38.198	33.403	11/20/12 3:00	37.976	22.249	34.666	36.157	27.506	30.062	36.754
10/14/12 19:40	38.309	38.191	33.393	11/20/12 4:00	37.983	22.251	34.645	36.152	27.506	30.043	36.733
10/14/12 20:00	38.300	38.181	33.389	11/20/12 5:00	37.983	22.254	34.636	36.154	27.502	30.041	36.726
10/14/12 20:20	38.295	38.177	33.386	11/20/12 6:00	37.981	22.251	34.629	36.157	27.509	30.039	36.721
10/14/12 20:40	38.293	38.174	33.382	11/20/12 7:00	37.993	22.263	34.638	36.154	27.518	30.043	36.731
10/14/12 21:00	38.288	38.167	33.379	11/20/12 8:00	37.997	22.277	34.638	36.164	27.518	30.043	36.728
10/14/12 21:20	38.286	38.167	33.375	11/20/12 9:00	38.002	22.284	34.636	36.166	27.523	30.048	36.728
10/14/12 21:40	38.283	38.163	33.375	11/20/12 10:00	37.997	22.291	34.641	36.171	27.520	30.053	36.733
10/14/12 22:00	38.286	38.165	33.375	11/20/12 11:00	37.988	22.291	34.638	36.168	27.523	30.050	36.733
10/14/12 22:20	38.283	38.165	33.375	11/20/12 12:00	37.986	22.291	34.645	36.159	27.642	30.055	36.742
10/14/12 22:40	38.281	38.163	33.375	11/20/12 13:00	37.953	22.298	34.962	36.159	27.553	30.198	36.857
10/14/12 23:00	38.281	38.163	33.372	11/20/12 14:00	37.916	22.265	34.734	36.131	27.621	30.114	36.841
10/14/12 23:20	38.279	38.158	33.370	11/20/12 15:00	37.902	22.235	34.948	36.103	27.546	30.195	36.906
10/14/12 23:40	38.274	38.156	33.368	11/20/12 16:00	37.881	22.223	34.778	36.091	27.518	30.102	36.836
10/15/12 0:00	38.274	38.153	33.365	11/20/12 17:00	37.867	22.212	34.734	36.073	27.560	30.090	36.810
10/15/12 0:20	38.269	38.151	33.363	11/20/12 18:00	37.869	22.205	34.897	36.063	27.623	30.100	36.810
10/15/12 0:40	38.269	38.151	33.360	11/20/12 19:00	37.874	22.205	35.027	36.066	27.616	30.228	36.937
10/15/12 1:00	38.265	38.144	33.358	11/20/12 20:00	37.883	22.216	34.937	36.070	27.560	30.223	36.944
10/15/12 1:20	38.260	38.144	33.353	11/20/12 21:00	37.892	22.223	34.785	36.077	27.534	30.139	36.859
10/15/12 1:40	38.258	38.137	33.349	11/20/12 22:00	37.892	22.226	34.722	36.084	27.504	30.100	36.801
10/15/12 2:00	38.251	38.132	33.346	11/20/12 23:00	37.892	22.226	34.666	36.082	27.495	30.057	36.745
10/15/12 2:20	38.251	38.130	33.344	11/21/12 0:00	37.895	22.226	34.652	36.080	27.492	30.048	36.726
10/15/12 2:40	38.244	38.125	33.339	11/21/12 1:00	37.895	22.223	34.657	36.082	27.478	30.043	36.710
10/15/12 3:00	38.244	38.121	33.335	11/21/12 2:00	37.890	22.219	34.631	36.082	27.462	30.027	36.710
10/15/12 3:20	38.234	38.114	33.330	11/21/12 3:00	37.885	22.212	34.641	36.080	27.455	30.001	36.682
10/15/12 3:40	38.232	38.114	33.328	11/21/12 4:00	37.885	22.212	34.606	36.073	27.439	30.004	36.691
10/15/12 4:00	38.248	38.128	33.440	11/21/12 5:00	37.885	22.207	34.580	36.073	27.425	29.983	36.670
10/15/12 4:20	38.237	38.118	33.353	11/21/12 6:00	37.881	22.202	34.559	36.070	27.422	29.964	36.656

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/15/12 4:40	38.227	38.111	33.332	11/21/12 7:00	37.874	22.202	34.564	36.068	27.406	29.964	36.661
10/15/12 5:00	38.220	38.100	33.323	11/21/12 8:00	37.881	22.191	34.541	36.061	27.399	29.943	36.642
10/15/12 5:20	38.218	38.097	33.316	11/21/12 9:00	37.885	22.193	34.531	36.068	27.408	29.934	36.632
10/15/12 5:40	38.211	38.090	33.311	11/21/12 10:00	37.888	22.193	34.559	36.056	27.397	29.955	36.639
10/15/12 6:00	38.211	38.090	33.307	11/21/12 11:00	37.883	22.195	34.529	36.073	27.382	29.936	36.632
10/15/12 6:20	38.211	38.093	33.302	11/21/12 12:00	37.867	22.181	34.515	36.126	27.383	29.922	36.623
10/15/12 6:40	38.216	38.095	33.300	11/21/12 13:00	37.823	22.163	34.555	36.070	27.347	29.934	36.675
10/15/12 7:00	38.220	38.097	33.297	11/21/12 14:00	37.776	22.118	34.541	36.045	27.324	29.908	36.700
10/15/12 7:20	38.223	38.102	33.297	11/21/12 15:00	37.739	22.077	34.555	36.017	27.361	29.894	36.740
10/15/12 7:40	38.220	38.097	33.300	11/21/12 16:00	37.720	22.042	34.743	35.991	27.396	29.948	36.808
10/15/12 8:00	38.220	38.100	33.300	11/21/12 17:00	37.715	22.025	34.790	35.986	27.389	30.029	36.937
10/15/12 8:20	38.216	38.097	33.300	11/21/12 18:00	37.720	22.028	34.804	35.982	27.376	30.022	36.939
10/15/12 8:40	38.216	38.093	33.300	11/21/12 19:00	37.743	22.023	34.725	35.989	27.389	29.999	36.913
10/15/12 9:00	38.211	38.093	33.300	11/21/12 20:00	37.755	22.044	34.741	35.996	27.357	29.990	36.836
10/15/12 9:20	38.218	38.093	33.300	11/21/12 21:00	37.762	22.039	34.659	36.000	27.343	29.941	36.770
10/15/12 9:40	38.213	38.095	33.302	11/21/12 22:00	37.764	22.041	34.634	36.012	27.305	29.915	36.728
10/15/12 10:00	38.211	38.093	33.300	11/21/12 23:00	37.771	22.039	34.557	36.017	27.310	29.887	36.707
10/15/12 10:20	38.211	38.093	33.358	11/22/12 0:00	37.755	22.032	34.583	36.021	27.296	29.889	36.703
10/15/12 10:40	38.223	38.107	33.337	11/22/12 1:00	37.760	22.009	34.585	36.014	27.263	29.863	36.705
10/15/12 11:00	38.216	38.100	33.311	11/22/12 2:00	37.748	21.997	34.517	36.017	27.252	29.849	36.693
10/15/12 11:20	38.209	38.093	33.300	11/22/12 3:00	37.750	21.988	34.510	36.010	27.221	29.840	36.675
10/15/12 11:40	38.206	38.086	33.290	11/22/12 4:00	37.753	21.986	34.447	35.998	27.210	29.803	36.623
10/15/12 12:00	38.232	38.135	33.285	11/22/12 5:00	37.764	21.979	34.438	35.989	27.184	29.782	36.551
10/15/12 12:20	38.241	38.130	33.285	11/22/12 6:00	37.771	21.986	34.371	35.993	27.172	29.749	36.504
10/15/12 12:40	38.213	38.095	33.281	11/22/12 7:00	37.799	21.990	34.352	35.998	27.170	29.723	36.476
10/15/12 13:00	38.199	38.081	33.271	11/22/12 8:00	37.816	22.000	34.338	36.014	27.172	29.725	36.462
10/15/12 13:20	38.185	38.067	33.260	11/22/12 9:00	37.846	22.014	34.331	36.026	27.200	29.718	36.448
10/15/12 13:40	38.176	38.055	33.248	11/22/12 10:00	37.911	22.041	34.356	36.049	27.247	29.744	36.466
10/15/12 14:00	38.162	38.046	33.236	11/22/12 11:00	37.925	22.090	34.396	36.101	27.268	29.786	36.492
10/15/12 14:20	38.148	38.032	33.222	11/22/12 12:00	37.944	22.093	34.436	36.110	27.366	29.817	36.511
10/15/12 14:40	38.141	38.022	33.210	11/22/12 13:00	37.941	22.097	34.659	36.126	27.383	29.943	36.663
10/15/12 15:00	38.146	38.027	33.253	11/22/12 14:00	37.962	22.083	34.655	36.133	27.390	29.976	36.731
10/15/12 15:20	38.129	38.011	33.208	11/22/12 15:00	37.993	22.116	34.627	36.171	27.420	29.955	36.745
10/15/12 15:40	38.113	37.994	33.185	11/22/12 16:00	38.034	22.139	34.650	36.206	27.471	29.976	36.789

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/15/12 16:00	38.104	37.985	33.175	11/22/12 17:00	38.086	22.177	34.699	36.245	27.572	30.027	36.852
10/15/12 16:20	38.094	37.973	33.163	11/22/12 18:00	38.116	22.223	34.862	36.297	27.654	30.125	36.953
10/15/12 16:40	38.080	37.964	33.152	11/22/12 19:00	38.165	22.258	35.002	36.320	27.724	30.209	37.035
10/15/12 17:00	38.076	37.955	33.142	11/22/12 20:00	38.191	22.293	35.053	36.360	27.740	30.298	37.103
10/15/12 17:20	38.067	37.945	33.131	11/22/12 21:00	38.211	22.328	34.986	36.379	27.754	30.317	37.107
10/15/12 17:40	38.062	37.941	33.124	11/22/12 22:00	38.209	22.356	34.951	36.379	27.745	30.317	37.044
10/15/12 18:00	38.052	37.931	33.114	11/22/12 23:00	38.209	22.356	34.904	36.374	27.747	30.294	36.986
10/15/12 18:20	38.046	37.927	33.110	11/23/12 0:00	38.205	22.370	34.883	36.369	27.754	30.289	36.953
10/15/12 18:40	38.087	37.964	33.208	11/23/12 1:00	38.204	22.384	34.878	36.365	27.773	30.289	36.937
10/15/12 19:00	38.125	37.999	33.135	11/23/12 2:00	38.202	22.398	34.902	36.334	27.780	30.310	36.944
10/15/12 19:20	38.122	38.001	33.126	11/23/12 3:00	38.195	22.410	34.888	36.274	27.787	30.308	36.939
10/15/12 19:40	38.108	37.987	33.124	11/23/12 4:00	38.198	22.426	34.895	36.234	27.803	30.312	36.944
10/15/12 20:00	38.099	37.978	33.121	11/23/12 5:00	38.188	22.438	34.913	36.196	27.815	30.326	36.958
10/15/12 20:20	38.085	37.966	33.119	11/23/12 6:00	38.181	22.445	34.932	36.161	27.836	30.340	36.990
10/15/12 20:40	38.080	37.959	33.114	11/23/12 7:00	38.184	22.456	34.958	36.351	27.850	30.366	37.039
10/15/12 21:00	38.074	37.952	33.110	11/23/12 8:00	38.181	22.475	34.967	36.351	27.864	30.380	37.044
10/15/12 21:20	38.064	37.945	33.107	11/23/12 9:00	38.181	22.487	34.988	36.360	27.904	30.389	37.049
10/15/12 21:40	38.062	37.941	33.105	11/23/12 10:00	38.177	22.508	35.060	36.353	27.915	30.420	37.093
10/15/12 22:00	38.057	37.936	33.100	11/23/12 11:00	38.174	22.512	35.060	36.365	28.002	30.445	37.135
10/15/12 22:20	38.057	37.936	33.098	11/23/12 12:00	38.144	22.522	35.244	36.374	28.025	30.572	37.273
10/15/12 22:40	38.055	37.934	33.095	11/23/12 13:00	38.107	22.512	35.300	36.358	28.011	30.602	37.367
10/15/12 23:00	38.050	37.929	33.091	11/23/12 14:00	38.058	22.496	35.295	36.327	27.978	30.569	37.365
10/15/12 23:20	38.046	37.924	33.086	11/23/12 15:00	38.021	22.466	35.242	36.285	27.962	30.562	37.341
10/15/12 23:40	38.045	37.924	33.084	11/23/12 16:00	37.997	22.452	35.260	36.252	27.918	30.546	37.299
10/16/12 0:00	38.041	37.922	33.081	11/23/12 17:00	37.976	22.442	35.139	36.224	27.913	30.499	37.245
10/16/12 0:20	38.039	37.915	33.074	11/23/12 18:00	37.960	22.440	35.142	36.199	27.897	30.488	37.182
10/16/12 0:40	38.031	37.913	33.070	11/23/12 19:00	37.955	22.442	35.137	36.182	27.855	30.457	37.142
10/16/12 1:00	38.029	37.908	33.065	11/23/12 20:00	37.946	22.445	35.030	36.173	27.819	30.417	37.086
10/16/12 1:20	38.027	37.906	33.060	11/23/12 21:00	37.927	22.447	34.967	36.164	27.791	30.373	37.021
10/16/12 1:40	38.022	37.901	33.058	11/23/12 22:00	37.916	22.433	34.934	36.143	27.756	30.340	36.988
10/16/12 2:00	38.022	37.901	33.056	11/23/12 23:00	37.899	22.426	34.888	36.131	27.740	30.303	36.944
10/16/12 2:20	38.015	37.894	33.051	11/24/12 0:00	37.899	22.414	34.883	36.117	27.714	30.291	36.922
10/16/12 2:40	38.011	37.889	33.046	11/24/12 1:00	37.876	22.417	34.832	36.115	27.672	30.254	36.887
10/16/12 3:00	38.008	37.887	33.044	11/24/12 2:00	37.857	22.396	34.790	36.091	27.665	30.214	36.848

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/16/12 3:20	37.999	37.877	33.034	11/24/12 3:00	37.841	22.363	34.825	36.075	27.619	30.209	36.838
10/16/12 3:40	37.996	37.875	33.027	11/24/12 4:00	37.837	22.351	34.743	36.061	27.588	30.163	36.808
10/16/12 4:00	37.987	37.868	33.020	11/24/12 5:00	37.813	22.347	34.708	36.052	27.548	30.130	36.773
10/16/12 4:20	38.006	37.885	33.116	11/24/12 6:00	37.797	22.321	34.666	36.033	27.518	30.090	36.742
10/16/12 4:40	38.001	37.882	33.051	11/24/12 7:00	37.783	22.305	34.636	36.017	27.483	30.055	36.717
10/16/12 5:00	37.999	37.875	33.042	11/24/12 8:00	37.781	22.289	34.608	36.003	27.478	30.027	36.693
10/16/12 5:20	38.001	37.877	33.039	11/24/12 9:00	37.764	22.279	34.617	36.003	27.434	30.025	36.689
10/16/12 5:40	37.992	37.873	33.034	11/24/12 10:00	37.746	22.256	34.568	35.984	27.404	29.980	36.663
10/16/12 6:00	37.994	37.871	33.032	11/24/12 11:00	37.736	22.228	34.536	35.970	27.376	29.943	36.637
10/16/12 6:20	37.992	37.870	33.023	11/24/12 12:00	37.711	22.209	34.531	35.968	27.359	29.927	36.649
10/16/12 6:40	37.992	37.871	33.018	11/24/12 13:00	37.697	22.177	34.543	35.951	27.336	29.922	36.672
10/16/12 7:00	37.992	37.870	33.016	11/24/12 14:00	37.650	22.156	34.536	35.940	27.291	29.905	36.686
10/16/12 7:20	37.999	37.873	33.020	11/24/12 15:00	37.629	22.102	34.515	35.900	27.235	29.861	36.651
10/16/12 7:40	37.996	37.875	33.025	11/24/12 16:00	37.625	22.079	34.440	35.884	27.317	29.803	36.604
10/16/12 8:00	37.997	37.873	33.025	11/24/12 17:00	37.622	22.065	34.711	35.884	27.319	29.898	36.672
10/16/12 8:20	37.997	37.875	33.025	11/24/12 18:00	37.622	22.053	34.673	35.886	27.291	29.945	36.792
10/16/12 8:40	37.999	37.873	33.025	11/24/12 19:00	37.657	22.051	34.636	35.874	27.275	29.868	36.677
10/16/12 9:00	38.003	37.882	33.030	11/24/12 20:00	37.676	22.065	34.538	35.900	27.249	29.870	36.637
10/16/12 9:20	38.006	37.885	33.034	11/24/12 21:00	37.697	22.058	34.480	35.912	27.238	29.831	36.595
10/16/12 9:40	38.010	37.889	33.037	11/24/12 22:00	37.704	22.058	34.443	35.928	27.226	29.803	36.572
10/16/12 10:00	38.092	38.043	33.088	11/24/12 23:00	37.722	22.053	34.426	35.933	27.238	29.786	36.562
10/16/12 10:20	38.069	37.955	33.072	11/25/12 0:00	37.743	22.046	34.457	35.944	27.249	29.807	36.576
10/16/12 10:40	38.104	37.997	33.074	11/25/12 1:00	37.760	22.048	34.485	35.958	27.247	29.796	36.576
10/16/12 11:00	38.106	38.006	33.074	11/25/12 2:00	37.785	22.060	34.447	35.975	27.247	29.800	36.583
10/16/12 11:20	38.176	38.118	33.074	11/25/12 3:00	37.820	22.056	34.438	36.000	27.268	29.803	36.579
10/16/12 11:40	38.092	37.976	33.074	11/25/12 4:00	37.848	22.076	34.452	36.031	27.289	29.821	36.588
10/16/12 12:00	38.090	37.969	33.196	11/25/12 5:00	37.864	22.090	34.466	36.052	27.298	29.833	36.600
10/16/12 12:20	38.076	37.957	33.093	11/25/12 6:00	37.883	22.093	34.478	36.066	27.315	29.847	36.611
10/16/12 12:40	38.090	37.983	33.074	11/25/12 7:00	37.902	22.095	34.492	36.080	27.329	29.861	36.628
10/16/12 13:00	38.057	37.936	33.060	11/25/12 8:00	37.909	22.095	34.506	36.094	27.343	29.877	36.647
10/16/12 13:20	38.036	37.920	33.049	11/25/12 9:00	37.939	22.104	34.522	36.101	27.385	29.889	36.661
10/16/12 13:40	38.024	37.903	33.032	11/25/12 10:00	37.969	22.128	34.573	36.126	27.411	29.936	36.703
10/16/12 14:00	38.010	37.892	33.016	11/25/12 11:00	37.962	22.149	34.587	36.152	27.418	29.957	36.721
10/16/12 14:20	38.013	37.896	33.063	11/25/12 12:00	37.946	22.137	34.604	36.145	27.415	29.971	36.747

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/16/12 14:40	37.999	37.880	33.018	11/25/12 13:00	37.916	22.118	34.627	36.143	27.380	29.980	36.761
10/16/12 15:00	37.985	37.866	32.999	11/25/12 14:00	37.881	22.083	34.580	36.117	27.340	29.938	36.740
10/16/12 15:20	37.975	37.856	32.985	11/25/12 15:00	37.864	22.051	34.538	36.091	27.336	29.908	36.700
10/16/12 15:40	37.964	37.845	32.973	11/25/12 16:00	37.850	22.046	34.552	36.077	27.319	29.905	36.696
10/16/12 16:00	37.957	37.835	32.962	11/25/12 17:00	37.855	22.039	34.527	36.070	27.322	29.882	36.672
10/16/12 16:20	37.945	37.826	32.952	11/25/12 18:00	37.867	22.048	34.517	36.077	27.406	29.875	36.663
10/16/12 16:40	37.938	37.817	32.945	11/25/12 19:00	37.885	22.051	34.767	36.096	27.511	29.962	36.731
10/16/12 17:00	37.931	37.810	32.936	11/25/12 20:00	37.913	22.074	34.904	36.096	27.474	30.144	36.927
10/16/12 17:20	37.920	37.798	32.927	11/25/12 21:00	37.937	22.093	34.762	36.122	27.502	30.074	36.848
10/16/12 17:40	37.936	37.817	32.997	11/25/12 22:00	37.969	22.111	34.841	36.140	27.520	30.085	36.834
10/16/12 18:00	37.927	37.805	32.943	11/25/12 23:00	37.990	22.146	34.783	36.171	27.504	30.092	36.841
10/16/12 18:20	37.920	37.798	32.929	11/26/12 0:00	38.009	22.158	34.704	36.192	27.516	30.069	36.796
10/16/12 18:40	37.936	37.812	32.922	11/26/12 1:00	38.009	22.174	34.706	36.196	27.504	30.078	36.799
10/16/12 19:00	37.941	37.817	32.915	11/26/12 2:00	37.995	22.174	34.671	36.194	27.481	30.060	36.766
10/16/12 19:20	37.936	37.815	32.910	11/26/12 3:00	37.993	22.158	34.634	36.182	27.485	30.034	36.721
10/16/12 19:40	37.934	37.810	32.910	11/26/12 4:00	38.011	22.163	34.638	36.178	27.497	30.036	36.717
10/16/12 20:00	37.934	37.812	32.912	11/26/12 5:00	38.018	22.191	34.629	36.189	27.497	30.032	36.696
10/16/12 20:20	37.927	37.805	32.910	11/26/12 6:00	38.030	22.198	34.620	36.194	27.509	30.034	36.689
10/16/12 20:40	37.920	37.798	32.905	11/26/12 7:00	38.051	22.216	34.627	36.203	27.530	30.036	36.689
10/16/12 21:00	37.920	37.793	32.898	11/26/12 8:00	38.083	22.240	34.643	36.220	27.565	30.055	36.700
10/16/12 21:20	37.915	37.791	32.896	11/26/12 9:00	38.109	22.277	34.671	36.248	27.604	30.088	36.728
10/16/12 21:40	37.913	37.789	32.891	11/26/12 10:00	38.137	22.305	34.732	36.280	27.665	30.125	36.785
10/16/12 22:00	37.913	37.789	32.891	11/26/12 11:00	38.151	22.342	34.815	36.320	27.710	30.191	36.894
10/16/12 22:20	37.910	37.789	32.889	11/26/12 12:00	38.160	22.365	34.878	36.341	27.747	30.244	36.993
10/16/12 22:40	37.910	37.786	32.887	11/26/12 13:00	38.156	22.379	34.927	36.358	27.770	30.287	37.060
10/16/12 23:00	37.906	37.782	32.882	11/26/12 14:00	38.139	22.382	34.964	36.360	27.796	30.319	37.107
10/16/12 23:20	37.908	37.786	32.884	11/26/12 15:00	38.107	22.370	35.025	36.351	27.803	30.359	37.154
10/16/12 23:40	37.901	37.777	32.880	11/26/12 16:00	38.095	22.351	35.051	36.330	27.808	30.368	37.175
10/17/12 0:00	37.903	37.779	32.880	11/26/12 17:00	38.090	22.358	35.046	36.322	27.831	30.378	37.198
10/17/12 0:20	37.903	37.782	32.882	11/26/12 18:00	38.102	22.368	35.076	36.325	27.841	30.389	37.187
10/17/12 0:40	37.901	37.777	32.877	11/26/12 19:00	38.107	22.393	35.053	36.318	27.831	30.410	37.198
10/17/12 1:00	37.896	37.775	32.873	11/26/12 20:00	38.102	22.405	35.002	36.308	27.974	30.385	37.103
10/17/12 1:20	37.892	37.770	32.870	11/26/12 21:00	38.104	22.410	35.372	36.299	27.953	30.544	37.203
10/17/12 1:40	37.889	37.768	32.863	11/26/12 22:00	38.095	22.421	35.228	36.297	27.913	30.532	37.224

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/17/12 2:00	37.880	37.758	32.854	11/26/12 23:00	38.086	22.421	35.114	36.287	27.918	30.488	37.156
10/17/12 2:20	37.880	37.758	32.849	11/27/12 0:00	38.081	22.424	35.128	36.278	27.890	30.485	37.124
10/17/12 2:40	37.885	37.756	33.037	11/27/12 1:00	38.067	22.426	35.058	36.259	27.857	30.455	37.079
10/17/12 3:00	37.892	37.770	32.887	11/27/12 2:00	38.025	22.428	34.988	36.215	27.819	30.403	37.028
10/17/12 3:20	37.885	37.765	32.873	11/27/12 3:00	38.009	22.398	34.951	36.175	27.794	30.371	36.993
10/17/12 3:40	38.248	38.329	32.887	11/27/12 4:00	38.000	22.398	34.911	36.150	27.773	30.336	36.953
10/17/12 4:00	37.964	37.849	32.884	11/27/12 5:00	37.962	22.400	34.883	36.115	27.733	30.308	36.918
10/17/12 4:20	37.924	37.807	32.884	11/27/12 6:00	37.944	22.365	34.841	36.091	27.705	30.270	36.885
10/17/12 4:40	37.920	37.798	32.884	11/27/12 7:00	37.932	22.361	34.813	36.080	27.689	30.242	36.862
10/17/12 5:00	37.915	37.793	32.889	11/27/12 8:00	37.925	22.356	34.795	36.080	27.679	30.221	36.843
10/17/12 5:20	37.908	37.786	32.884	11/27/12 9:00	37.932	22.349	34.795	36.077	27.670	30.216	36.843
10/17/12 5:40	37.908	37.786	32.882	11/27/12 10:00	37.934	22.361	34.776	36.070	27.663	30.205	36.831
10/17/12 6:00	37.906	37.782	32.887	11/27/12 11:00	37.918	22.377	34.767	36.080	27.651	30.193	36.824
10/17/12 6:20	37.915	37.793	32.891	11/27/12 12:00	37.890	22.356	34.767	36.138	27.637	30.186	36.829
10/17/12 6:40	38.197	38.209	32.901	11/27/12 13:00	37.846	22.323	34.799	36.203	27.583	30.170	36.831
10/17/12 7:00	38.398	38.492	32.915	11/27/12 14:00	37.804	22.284	34.739	36.171	27.544	30.137	36.843
10/17/12 7:20	38.528	38.658	32.943	11/27/12 15:00	37.783	22.240	34.711	36.047	27.520	30.097	36.836
10/17/12 7:40	38.561	38.644	32.981	11/27/12 16:00	37.769	22.219	34.711	36.035	27.511	30.085	36.845
10/17/12 8:00	38.484	38.562	33.009	11/27/12 17:00	37.785	22.214	34.708	36.026	27.520	30.076	36.845
10/17/12 8:20	38.412	38.408	33.032	11/27/12 18:00	37.811	22.228	34.718	36.038	27.513	30.081	36.838
10/17/12 8:40	38.409	38.424	33.051	11/27/12 19:00	37.837	22.249	34.683	36.045	27.513	30.071	36.792
10/17/12 9:00	38.549	38.670	33.070	11/27/12 20:00	37.860	22.261	34.669	36.061	27.520	30.064	36.754
10/17/12 9:20	38.626	38.719	33.093	11/27/12 21:00	37.890	22.277	34.699	36.077	27.621	30.053	36.731
10/17/12 9:40	38.719	38.841	33.117	11/27/12 22:00	37.918	22.295	34.904	36.101	27.656	30.165	36.838
10/17/12 10:00	38.799	38.932	33.138	11/27/12 23:00	37.930	22.312	34.911	36.124	27.633	30.251	36.941
10/17/12 10:20	38.785	38.915	33.159	11/28/12 0:00	37.939	22.312	34.846	36.131	27.647	30.202	36.887
10/17/12 10:40	38.754	38.843	33.175	11/28/12 1:00	37.953	22.310	34.864	36.138	27.616	30.202	36.876
10/17/12 11:00	38.787	38.892	33.194	11/28/12 2:00	37.967	22.328	34.771	36.150	27.619	30.170	36.838
10/17/12 11:20	38.855	39.004	33.271	11/28/12 3:00	37.974	22.333	34.762	36.157	27.609	30.165	36.822
10/17/12 11:40	38.918	39.076	33.243	11/28/12 4:00	37.976	22.335	34.736	36.161	27.604	30.149	36.796
10/17/12 12:00	38.906	39.063	33.243	11/28/12 5:00	37.967	22.344	34.725	36.164	27.588	30.137	36.780
10/17/12 12:20	38.915	39.051	33.248	11/28/12 6:00	37.976	22.337	34.701	36.157	27.588	30.125	36.766
10/17/12 12:40	38.948	39.105	33.260	11/28/12 7:00	37.976	22.342	34.699	36.159	27.593	30.121	36.761
10/17/12 13:00	38.922	39.051	33.262	11/28/12 8:00	37.990	22.342	34.711	36.161	27.600	30.132	36.773

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/17/12 13:20	38.894	39.025	33.260	11/28/12 9:00	37.988	22.356	34.711	36.171	27.600	30.130	36.773
10/17/12 13:40	38.936	39.069	33.264	11/28/12 10:00	37.986	22.358	34.708	36.171	27.595	30.128	36.777
10/17/12 14:00	38.957	39.112	33.269	11/28/12 11:00	37.972	22.363	34.704	36.168	27.583	30.125	36.780
10/17/12 14:20	38.976	39.133	33.278	11/28/12 12:00	37.955	22.347	34.697	36.166	27.579	30.116	36.780
10/17/12 14:40	39.009	39.154	33.285	11/28/12 13:00	37.918	22.335	34.708	36.203	27.534	30.118	36.794
10/17/12 15:00	38.992	39.123	33.454	11/28/12 14:00	37.883	22.288	34.662	36.110	27.518	30.078	36.768
10/17/12 15:20	39.018	39.186	33.360	11/28/12 15:00	37.848	22.263	34.676	36.082	27.467	30.071	36.749
10/17/12 15:40	39.004	39.130	33.339	11/28/12 16:00	37.818	22.223	34.608	36.054	27.448	30.015	36.719
10/17/12 16:00	38.964	39.105	33.433	11/28/12 17:00	37.806	22.198	34.611	36.038	27.439	29.999	36.728
10/17/12 16:20	39.013	39.158	33.379	11/28/12 18:00	37.804	22.191	34.636	36.024	27.439	29.969	36.698
10/17/12 16:40	39.032	39.182	33.372	11/28/12 19:00	37.809	22.177	34.652	36.019	27.415	29.980	36.686
10/17/12 17:00	38.976	39.098	33.433	11/28/12 20:00	37.825	22.179	34.566	36.021	27.411	29.962	36.672
10/17/12 17:20	39.032	39.179	33.400	11/28/12 21:00	37.825	22.191	34.559	36.033	27.420	29.957	36.670
10/17/12 17:40	38.911	39.023	33.389	11/28/12 22:00	37.832	22.186	34.624	36.033	27.408	29.948	36.672
10/17/12 18:00	38.822	38.925	33.384	11/28/12 23:00	37.820	22.184	34.566	36.038	27.387	29.957	36.686
10/17/12 18:20	38.715	38.731	33.377	11/29/12 0:00	37.816	22.167	34.543	36.028	27.446	29.934	36.672
10/17/12 18:40	38.754	38.710	33.363	11/29/12 1:00	37.799	22.156	34.771	36.024	27.481	29.966	36.686
10/17/12 19:00	38.759	38.756	33.363	11/29/12 2:00	37.790	22.132	34.813	36.012	27.429	30.078	36.841
10/17/12 19:20	38.626	38.558	33.363	11/29/12 3:00	37.811	22.114	34.687	36.003	27.450	30.025	36.787
10/17/12 19:40	38.449	38.371	33.424	11/29/12 4:00	37.816	22.130	34.725	36.010	27.394	30.015	36.754
10/17/12 20:00	38.484	38.485	33.398	11/29/12 5:00	37.792	22.118	34.585	36.010	27.357	29.964	36.696
10/17/12 20:20	38.379	38.263	33.370	11/29/12 6:00	37.797	22.097	34.580	36.010	27.343	29.910	36.637
10/17/12 20:40	38.346	38.228	33.351	11/29/12 7:00	37.806	22.095	34.513	36.005	27.324	29.898	36.618
10/17/12 21:00	38.323	38.205	33.337	11/29/12 8:00	37.813	22.095	34.482	35.991	27.319	29.880	36.588
10/17/12 21:20	38.307	38.188	33.325	11/29/12 9:00	37.816	22.100	34.473	35.984	27.310	29.866	36.574
10/17/12 21:40	38.290	38.170	33.314	11/29/12 10:00	37.839	22.095	34.461	35.979	27.319	29.856	36.574
10/17/12 22:00	38.283	38.163	33.311	11/29/12 11:00	37.867	22.111	34.464	35.991	27.338	29.861	36.576
10/17/12 22:20	38.276	38.156	33.307	11/29/12 12:00	37.864	22.128	34.489	36.040	27.350	29.884	36.600
10/17/12 22:40	38.272	38.151	33.307	11/29/12 13:00	37.855	22.116	34.536	36.077	27.308	29.889	36.604
10/17/12 23:00	38.269	38.149	33.304	11/29/12 14:00	37.827	22.086	34.461	36.145	27.284	29.863	36.588
10/17/12 23:20	38.262	38.144	33.304	11/29/12 15:00	37.802	22.060	34.454	36.024	27.256	29.845	36.572
10/17/12 23:40	38.260	38.139	33.302	11/29/12 16:00	37.797	22.032	34.426	36.003	27.261	29.817	36.551
10/18/12 0:00	38.258	38.137	33.307	11/29/12 17:00	37.813	22.030	34.461	35.998	27.291	29.803	36.539
10/18/12 0:20	38.253	38.130	33.300	11/29/12 18:00	37.825	22.037	34.513	36.012	27.275	29.868	36.588

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/18/12 0:40	38.248	38.128	33.295	11/29/12 19:00	37.850	22.051	34.454	36.019	27.273	29.833	36.565
10/18/12 1:00	38.248	38.128	33.295	11/29/12 20:00	37.867	22.062	34.426	36.042	27.329	29.819	36.534
10/18/12 1:20	38.244	38.123	33.295	11/29/12 21:00	37.885	22.069	34.578	36.054	27.364	29.856	36.555
10/18/12 1:40	38.244	38.123	33.295	11/29/12 22:00	37.902	22.081	34.606	36.070	27.359	29.955	36.665
10/18/12 2:00	38.262	38.144	33.372	11/29/12 23:00	37.902	22.086	34.566	36.084	27.368	29.931	36.654
10/18/12 2:20	38.251	38.130	33.323	11/30/12 0:00	37.904	22.081	34.583	36.082	27.364	29.945	36.679
10/18/12 2:40	38.246	38.125	33.309	11/30/12 1:00	37.948	22.083	34.559	36.087	27.399	29.931	36.661
10/18/12 3:00	38.412	38.392	33.306	11/30/12 2:00	37.932	22.123	34.604	36.126	27.378	29.927	36.637
10/18/12 3:20	38.710	38.812	33.314	11/30/12 3:00	37.916	22.102	34.559	36.108	27.343	29.941	36.639
10/18/12 3:40	38.761	38.845	33.328	11/30/12 4:00	37.916	22.086	34.501	36.094	27.331	29.896	36.609
10/18/12 4:00	38.649	38.639	33.339	11/30/12 5:00	37.946	22.081	34.478	36.094	27.352	29.880	36.586
10/18/12 4:20	38.482	38.361	33.353	11/30/12 6:00	37.951	22.111	34.485	36.117	27.352	29.889	36.579
10/18/12 4:40	38.533	38.544	33.356	11/30/12 7:00	37.962	22.111	34.482	36.122	27.359	29.891	36.574
10/18/12 5:00	38.621	38.583	33.358	11/30/12 8:00	37.967	22.125	34.485	36.131	27.378	29.896	36.576
10/18/12 5:20	38.614	38.630	33.363	11/30/12 9:00	37.990	22.130	34.517	36.136	27.394	29.922	36.597
10/18/12 5:40	38.416	38.352	33.358	11/30/12 10:00	37.979	22.153	34.517	36.154	27.387	29.927	36.611
10/18/12 6:00	38.339	38.219	33.351	11/30/12 11:00	37.972	22.144	34.513	36.145	27.392	29.922	36.616
10/18/12 6:20	38.309	38.191	33.342	11/30/12 12:00	37.965	22.139	34.569	36.152	27.397	29.924	36.639
10/18/12 6:40	38.491	38.420	33.330	11/30/12 13:00	37.937	22.142	34.541	36.138	27.366	29.936	36.665
10/18/12 7:00	38.715	38.805	33.330	11/30/12 14:00	37.892	22.107	34.508	36.112	27.338	29.913	36.642
10/18/12 7:20	38.771	38.862	33.339	11/30/12 15:00	37.864	22.072	34.503	36.075	27.312	29.896	36.625
10/18/12 7:40	38.827	38.915	33.351	11/30/12 16:00	37.837	22.058	34.503	36.054	27.287	29.854	36.600
10/18/12 8:00	38.901	39.030	33.360	11/30/12 17:00	37.820	22.032	34.447	36.028	27.298	29.835	36.583
10/18/12 8:20	38.960	39.107	33.370	11/30/12 18:00	37.841	22.025	34.517	36.019	27.308	29.838	36.600
10/18/12 8:40	38.995	39.163	33.382	11/30/12 19:00	37.848	22.039	34.499	36.033	27.296	29.873	36.625
10/18/12 9:00	39.032	39.196	33.504	11/30/12 20:00	37.853	22.039	34.468	36.038	27.284	29.854	36.595
10/18/12 9:20	39.048	39.207	33.443	11/30/12 21:00	37.850	22.051	34.440	36.040	27.425	29.833	36.565
10/18/12 9:40	39.020	39.179	33.438	11/30/12 22:00	37.837	22.039	34.848	36.042	27.383	29.994	36.700
10/18/12 10:00	38.948	39.062	33.440	11/30/12 23:00	37.823	22.027	34.676	36.031	27.340	29.997	36.761
10/18/12 10:20	38.997	39.133	33.438	12/1/12 0:00	37.820	22.009	34.597	36.017	27.305	29.920	36.679
10/18/12 10:40	38.950	39.128	33.442	12/1/12 1:00	37.823	22.004	34.515	36.017	27.284	29.880	36.635
10/18/12 11:00	38.915	38.974	33.445	12/1/12 2:00	37.816	22.000	34.475	36.014	27.263	29.852	36.597
10/18/12 11:20	38.929	38.929	33.447	12/1/12 3:00	37.804	21.986	34.445	36.010	27.240	29.828	36.567
10/18/12 11:40	38.915	39.016	33.445	12/1/12 4:00	37.792	21.976	34.419	36.000	27.217	29.805	36.541

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/18/12 12:00	38.957	39.095	33.443	12/1/12 5:00	37.783	21.958	34.396	35.989	27.182	29.782	36.516
10/18/12 12:20	38.906	39.023	33.435	12/1/12 6:00	37.764	21.944	34.347	35.979	27.154	29.744	36.476
10/18/12 12:40	38.955	39.020	33.433	12/1/12 7:00	37.771	21.930	34.312	35.963	27.156	29.707	36.438
10/18/12 13:00	38.873	38.983	33.433	12/1/12 8:00	37.795	21.927	34.326	35.970	27.147	29.709	36.431
10/18/12 13:20	38.789	38.770	33.431	12/1/12 9:00	37.795	21.932	34.301	35.986	27.154	29.702	36.422
10/18/12 13:40	38.824	38.873	33.426	12/1/12 10:00	37.823	21.941	34.319	35.986	27.163	29.704	36.431
10/18/12 14:00	38.939	39.044	33.417	12/1/12 11:00	37.837	21.962	34.310	36.010	27.163	29.700	36.429
10/18/12 14:20	38.845	38.981	33.466	12/1/12 12:00	37.848	21.969	34.310	36.021	27.175	29.704	36.434
10/18/12 14:40	38.850	38.939	33.431	12/1/12 13:00	37.843	21.967	34.338	36.031	27.156	29.728	36.455
10/18/12 15:00	38.820	38.885	33.419	12/1/12 14:00	37.839	21.953	34.308	36.024	27.154	29.704	36.448
10/18/12 15:20	38.925	39.044	33.407	12/1/12 15:00	37.841	21.953	34.303	36.024	27.154	29.693	36.443
10/18/12 15:40	38.922	38.997	33.407	12/1/12 16:00	37.855	21.941	34.324	36.024	27.156	29.709	36.452
10/18/12 16:00	38.773	38.854	33.407	12/1/12 17:00	37.869	21.955	34.305	36.033	27.177	29.697	36.445
10/18/12 16:20	38.820	38.864	33.407	12/1/12 18:00	37.899	21.965	34.354	36.047	27.312	29.716	36.448
10/18/12 16:40	38.850	38.934	33.407	12/1/12 19:00	37.918	21.988	34.685	36.070	27.350	29.870	36.574
10/18/12 17:00	38.878	38.918	33.405	12/1/12 20:00	37.937	21.997	34.648	36.089	27.324	29.959	36.724
10/18/12 17:20	38.955	39.086	33.407	12/1/12 21:00	37.937	22.016	34.548	36.103	27.326	29.901	36.668
10/18/12 17:40	38.962	39.093	33.414	12/1/12 22:00	37.951	22.014	34.578	36.105	27.324	29.877	36.618
10/18/12 18:00	39.013	39.144	33.421	12/1/12 23:00	37.962	22.030	34.510	36.115	27.343	29.884	36.621
10/18/12 18:20	39.046	39.205	33.494	12/2/12 0:00	37.979	22.044	34.531	36.126	27.350	29.903	36.630
10/18/12 18:40	39.064	39.200	33.466	12/2/12 1:00	37.974	22.055	34.524	36.138	27.361	29.908	36.625
10/18/12 19:00	38.962	39.039	33.468	12/2/12 2:00	37.962	22.058	34.545	36.136	27.338	29.920	36.635
10/18/12 19:20	38.752	38.738	33.468	12/2/12 3:00	37.958	22.058	34.499	36.126	27.326	29.889	36.614
10/18/12 19:40	38.542	38.438	33.459	12/2/12 4:00	37.962	22.046	34.478	36.119	27.343	29.873	36.595
10/18/12 20:00	38.682	38.670	33.447	12/2/12 5:00	37.967	22.065	34.496	36.126	27.340	29.891	36.604
10/18/12 20:20	38.444	38.333	33.442	12/2/12 6:00	37.965	22.072	34.482	36.129	27.336	29.880	36.593
10/18/12 20:40	38.740	38.845	33.433	12/2/12 7:00	37.965	22.065	34.473	36.126	27.333	29.875	36.581
10/18/12 21:00	38.696	38.693	33.433	12/2/12 8:00	37.976	22.065	34.468	36.126	27.350	29.873	36.574
10/18/12 21:20	38.715	38.639	33.440	12/2/12 9:00	37.981	22.097	34.480	36.138	27.366	29.884	36.581
10/18/12 21:40	38.603	38.576	33.443	12/2/12 10:00	37.995	22.100	34.508	36.140	27.404	29.905	36.604
10/18/12 22:00	38.463	38.350	33.440	12/2/12 11:00	37.986	22.123	34.594	36.152	27.471	29.913	36.616
10/18/12 22:20	38.405	38.286	33.431	12/2/12 12:00	37.960	22.109	34.725	36.147	27.441	30.064	36.766
10/18/12 22:40	38.635	38.642	33.419	12/2/12 13:00	37.927	22.097	34.711	36.126	27.406	30.008	36.754
10/18/12 23:00	38.782	38.826	33.421	12/2/12 14:00	37.878	22.074	34.606	36.101	27.345	29.980	36.735

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/18/12 23:20	38.794	38.878	33.426	12/2/12 15:00	37.846	22.023	34.527	36.059	27.303	29.908	36.665
10/18/12 23:40	38.535	38.420	33.431	12/2/12 16:00	37.823	21.997	34.478	36.035	27.315	29.863	36.614
10/19/12 0:00	38.428	38.317	33.429	12/2/12 17:00	37.802	21.974	34.573	36.014	27.291	29.861	36.604
10/19/12 0:20	38.379	38.261	33.414	12/2/12 18:00	37.781	21.967	34.522	35.996	27.282	29.842	36.597
10/19/12 0:40	38.636	38.703	33.405	12/2/12 19:00	37.781	21.944	34.547	35.977	27.277	29.838	36.586
10/19/12 1:00	38.848	38.967	33.405	12/2/12 20:00	37.776	21.948	34.522	35.982	27.233	29.840	36.595
10/19/12 1:20	38.971	39.123	33.419	12/2/12 21:00	37.776	21.934	34.426	35.972	27.210	29.800	36.553
10/19/12 1:40	38.904	39.025	33.433	12/2/12 22:00	37.776	21.930	34.392	35.975	27.189	29.775	36.520
10/19/12 2:00	38.852	38.941	33.440	12/2/12 23:00	37.753	21.923	34.357	35.970	27.147	29.744	36.483
10/19/12 2:20	38.722	38.724	33.443	12/3/12 0:00	37.739	21.890	34.317	35.949	27.130	29.709	36.452
10/19/12 2:40	38.873	38.976	33.443	12/3/12 1:00	37.715	21.883	34.310	35.937	27.090	29.695	36.443
10/19/12 3:00	38.948	39.051	33.626	12/3/12 2:00	37.685	21.848	34.263	35.916	27.044	29.646	36.410
10/19/12 3:20	38.981	39.107	33.492	12/3/12 3:00	37.685	21.825	34.221	35.891	27.030	29.604	36.375
10/19/12 3:40	39.004	39.149	33.482	12/3/12 4:00	37.683	21.813	34.212	35.888	27.006	29.595	36.368
10/19/12 4:00	38.911	38.955	33.482	12/3/12 5:00	37.683	21.808	34.180	35.886	26.995	29.564	36.338
10/19/12 4:20	38.887	38.957	33.480	12/3/12 6:00	37.692	21.806	34.173	35.893	26.983	29.550	36.331
10/19/12 4:40	38.740	38.672	33.480	12/3/12 7:00	37.732	21.815	34.152	35.891	26.999	29.534	36.310
10/19/12 5:00	38.883	38.906	33.475	12/3/12 8:00	37.792	21.839	34.159	35.900	27.039	29.543	36.303
10/19/12 5:20	38.591	38.525	33.475	12/3/12 9:00	37.836	21.888	34.184	35.886	27.076	29.574	36.312
10/19/12 5:40	38.484	38.401	33.468	12/3/12 10:00	37.909	21.918	34.228	35.879	27.158	29.616	36.352
10/19/12 6:00	38.540	38.413	33.454	12/3/12 11:00	37.941	21.976	34.338	35.895	27.231	29.662	36.382
10/19/12 6:20	38.586	38.574	33.447	12/3/12 12:00	37.981	21.993	34.459	35.940	27.310	29.803	36.534
10/19/12 6:40	38.409	38.294	33.438	12/3/12 13:00	38.018	22.039	34.597	36.138	27.376	29.870	36.632
10/19/12 7:00	38.661	38.714	33.431	12/3/12 14:00	38.013	22.053	34.666	36.196	27.364	29.950	36.747
10/19/12 7:20	38.668	38.710	33.433	12/3/12 15:00	38.032	22.058	34.620	36.206	27.394	29.931	36.787
10/19/12 7:40	38.766	38.817	33.436	12/3/12 16:00	38.044	22.072	34.645	36.231	27.425	29.964	36.836
10/19/12 8:00	38.775	38.840	33.445	12/3/12 17:00	38.053	22.093	34.683	36.248	27.499	29.997	36.878
10/19/12 8:20	38.736	38.770	33.450	12/3/12 18:00	38.086	22.114	34.834	36.257	27.567	30.076	36.965
10/19/12 8:40	38.852	38.939	33.457	12/3/12 19:00	38.109	22.146	34.885	36.269	27.579	30.163	36.988
10/19/12 9:00	38.815	38.880	33.466	12/3/12 20:00	38.128	22.167	34.836	36.294	27.576	30.160	36.962
10/19/12 9:20	38.995	39.158	33.473	12/3/12 21:00	38.128	22.195	34.774	36.292	27.588	30.139	36.894
10/19/12 9:40	39.046	39.191	33.485	12/3/12 22:00	38.128	22.209	34.776	36.290	27.579	30.151	36.857
10/19/12 10:00	39.083	39.205	33.569	12/3/12 23:00	38.125	22.216	34.734	36.283	27.581	30.128	36.824
10/19/12 10:20	39.083	39.266	33.543	12/4/12 0:00	38.125	22.233	34.722	36.283	27.593	30.123	36.808

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/19/12 10:40	39.127	39.285	33.541	12/4/12 1:00	38.111	22.249	34.725	36.280	27.600	30.130	36.803
10/19/12 11:00	39.144	39.306	33.548	12/4/12 2:00	38.116	22.251	34.743	36.269	27.607	30.142	36.817
10/19/12 11:20	39.123	39.263	33.553	12/4/12 3:00	38.107	22.268	34.732	36.271	27.609	30.144	36.815
10/19/12 11:40	39.074	39.158	33.553	12/4/12 4:00	38.104	22.277	34.732	36.245	27.619	30.142	36.810
10/19/12 12:00	39.109	39.256	33.555	12/4/12 5:00	38.097	22.298	34.736	36.196	27.619	30.151	36.813
10/19/12 12:20	39.086	39.245	33.553	12/4/12 6:00	38.097	22.293	34.732	36.157	27.630	30.151	36.815
10/19/12 12:40	39.081	39.203	33.553	12/4/12 7:00	38.107	22.314	34.739	36.126	27.649	30.156	36.817
10/19/12 13:00	39.097	39.233	33.553	12/4/12 8:00	38.128	22.335	34.753	36.098	27.675	30.172	36.822
10/19/12 13:20	39.051	39.170	33.548	12/4/12 9:00	38.121	22.365	34.776	36.073	27.689	30.198	36.838
10/19/12 13:40	39.071	39.207	33.541	12/4/12 10:00	38.111	22.358	34.806	36.054	27.693	30.223	36.859
10/19/12 14:00	39.088	39.200	33.529	12/4/12 11:00	38.109	22.375	34.795	36.052	27.691	30.214	36.869
10/19/12 14:20	39.064	39.214	33.527	12/4/12 12:00	38.093	22.370	34.794	36.108	27.703	30.221	36.869
10/19/12 14:40	39.060	39.170	33.522	12/4/12 13:00	38.058	22.365	34.857	36.145	27.684	30.219	36.871
10/19/12 15:00	39.016	39.116	33.520	12/4/12 14:00	38.023	22.351	34.809	36.210	27.684	30.223	36.908
10/19/12 15:20	38.974	39.100	33.513	12/4/12 15:00	37.995	22.330	34.878	36.248	27.801	30.226	36.899
10/19/12 15:40	38.976	39.093	33.504	12/4/12 16:00	37.972	22.309	35.193	36.285	27.812	30.380	37.056
10/19/12 16:00	38.974	39.069	33.562	12/4/12 17:00	37.967	22.305	35.149	36.306	27.770	30.424	37.138
10/19/12 16:20	38.946	39.069	33.518	12/4/12 18:00	37.962	22.309	35.076	36.304	27.745	30.324	37.039
10/19/12 16:40	38.834	38.889	33.501	12/4/12 19:00	37.962	22.321	34.983	36.271	27.756	30.303	37.000
10/19/12 17:00	38.593	38.516	33.485	12/4/12 20:00	37.955	22.319	34.990	36.203	27.712	30.350	37.021
10/19/12 17:20	38.461	38.350	33.461	12/4/12 21:00	37.972	22.319	34.888	36.159	27.698	30.277	36.948
10/19/12 17:40	38.402	38.287	33.440	12/4/12 22:00	37.958	22.344	34.839	36.124	27.670	30.249	36.897
10/19/12 18:00	38.482	38.483	33.424	12/4/12 23:00	37.967	22.328	34.804	36.094	27.670	30.216	36.859
10/19/12 18:20	38.360	38.249	33.410	12/5/12 0:00	37.969	22.356	34.790	36.066	27.661	30.207	36.843
10/19/12 18:40	38.321	38.207	33.396	12/5/12 1:00	37.962	22.358	34.776	36.047	27.647	30.198	36.831
10/19/12 19:00	38.351	38.240	33.733	12/5/12 2:00	37.962	22.354	34.762	36.031	27.640	30.184	36.822
10/19/12 19:20	38.374	38.266	33.743	12/5/12 3:00	37.953	22.351	34.753	36.017	27.626	30.174	36.815
10/19/12 19:40	38.335	38.223	33.506	12/5/12 4:00	37.944	22.344	34.736	36.010	27.612	30.160	36.808
10/19/12 20:00	38.302	38.191	33.445	12/5/12 5:00	37.934	22.342	34.725	36.010	27.597	30.146	36.796
10/19/12 20:20	38.283	38.170	33.410	12/5/12 6:00	37.911	22.337	34.711	36.010	27.572	30.135	36.787
10/19/12 20:40	38.262	38.149	33.382	12/5/12 7:00	37.913	22.316	34.687	36.012	27.574	30.109	36.770
10/19/12 21:00	38.246	38.132	33.363	12/5/12 8:00	37.904	22.321	34.699	36.007	27.558	30.118	36.775
10/19/12 21:20	38.258	38.144	33.433	12/5/12 9:00	37.895	22.316	34.676	36.012	27.541	30.092	36.756
10/19/12 21:40	38.239	38.125	33.370	12/5/12 10:00	37.888	22.312	34.657	36.017	27.532	30.076	36.742

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/19/12 22:00	38.230	38.114	33.349	12/5/12 11:00	37.881	22.302	34.657	36.059	27.520	30.071	36.745
10/19/12 22:20	38.223	38.104	33.337	12/5/12 12:00	37.860	22.293	34.666	36.131	27.506	30.062	36.761
10/19/12 22:40	38.218	38.102	33.328	12/5/12 13:00	37.825	22.265	34.678	36.201	27.492	30.060	36.803
10/19/12 23:00	38.213	38.095	33.323	12/5/12 14:00	37.785	22.228	34.697	36.276	27.460	30.055	36.848
10/19/12 23:20	38.204	38.088	33.316	12/5/12 15:00	37.760	22.191	34.671	36.371	27.467	30.029	36.852
10/19/12 23:40	38.204	38.086	33.309	12/5/12 16:00	37.736	22.163	34.746	36.014	27.427	30.036	36.866
10/20/12 0:00	38.199	38.083	33.304	12/5/12 17:00	37.727	22.135	34.683	35.998	27.406	30.015	36.871
10/20/12 0:20	38.197	38.078	33.302	12/5/12 18:00	37.715	22.125	34.650	35.991	27.397	29.990	36.848
10/20/12 0:40	38.195	38.076	33.297	12/5/12 19:00	37.734	22.114	34.666	35.982	27.399	29.962	36.803
10/20/12 1:00	38.185	38.067	33.290	12/5/12 20:00	37.748	22.121	34.669	35.993	27.390	29.971	36.782
10/20/12 1:20	38.185	38.067	33.285	12/5/12 21:00	37.753	22.125	34.697	35.998	27.474	29.948	36.754
10/20/12 1:40	38.202	38.086	33.360	12/5/12 22:00	37.771	22.121	34.825	36.000	27.434	30.092	36.880
10/20/12 2:00	38.192	38.074	33.307	12/5/12 23:00	37.762	22.116	34.718	36.005	27.441	30.043	36.806
10/20/12 2:20	38.185	38.067	33.292	12/6/12 0:00	37.748	22.097	34.764	35.998	27.387	30.048	36.808
10/20/12 2:40	38.181	38.060	33.281	12/6/12 1:00	37.757	22.081	34.657	35.993	27.352	29.987	36.768
10/20/12 3:00	38.178	38.062	33.276	12/6/12 2:00	37.760	22.079	34.576	35.993	27.331	29.934	36.705
10/20/12 3:20	38.176	38.055	33.269	12/6/12 3:00	37.776	22.074	34.531	35.989	27.315	29.905	36.647
10/20/12 3:40	38.169	38.053	33.267	12/6/12 4:00	37.790	22.076	34.499	35.998	27.296	29.884	36.602
10/20/12 4:00	38.165	38.043	33.260	12/6/12 5:00	37.806	22.076	34.461	36.007	27.287	29.859	36.560
10/20/12 4:20	38.158	38.039	33.250	12/6/12 6:00	37.790	22.083	34.438	36.014	27.268	29.840	36.534
10/20/12 4:40	38.151	38.029	33.243	12/6/12 7:00	37.795	22.051	34.440	36.005	27.245	29.828	36.518
10/20/12 5:00	38.148	38.029	33.236	12/6/12 8:00	37.816	22.048	34.399	36.019	27.252	29.803	36.504
10/20/12 5:20	38.139	38.018	33.229	12/6/12 9:00	37.829	22.072	34.396	36.021	27.247	29.796	36.492
10/20/12 5:40	38.139	38.020	33.224	12/6/12 10:00	37.857	22.074	34.387	36.026	27.270	29.796	36.487
10/20/12 6:00	38.132	38.015	33.220	12/6/12 11:00	37.890	22.088	34.412	36.038	27.289	29.814	36.509
10/20/12 6:20	38.127	38.008	33.213	12/6/12 12:00	37.897	22.118	34.419	36.063	27.296	29.824	36.509
10/20/12 6:40	38.125	38.004	33.206	12/6/12 13:00	37.871	22.114	34.443	36.082	27.268	29.845	36.525
10/20/12 7:00	38.125	38.006	33.203	12/6/12 14:00	37.869	22.072	34.429	36.122	27.287	29.812	36.534
10/20/12 7:20	38.139	38.015	33.199	12/6/12 15:00	37.871	22.074	34.475	36.161	27.298	29.833	36.621
10/20/12 7:40	38.132	38.013	33.196	12/6/12 16:00	37.874	22.079	34.494	36.178	27.289	29.859	36.677
10/20/12 8:00	38.129	38.008	33.194	12/6/12 17:00	37.909	22.076	34.464	36.185	27.336	29.842	36.621
10/20/12 8:20	38.125	38.004	33.196	12/6/12 18:00	37.941	22.111	34.548	36.178	27.502	29.896	36.637
10/20/12 8:40	38.125	38.004	33.196	12/6/12 19:00	37.948	22.142	34.876	36.152	27.511	30.116	36.841
10/20/12 9:00	38.118	37.999	33.196	12/6/12 20:00	37.948	22.139	34.881	36.119	27.453	30.095	36.836

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/20/12 9:20	38.118	37.997	33.194	12/6/12 21:00	37.962	22.139	34.683	36.080	27.453	30.036	36.777
10/20/12 9:40	38.118	37.997	33.196	12/6/12 22:00	37.962	22.153	34.655	36.049	27.441	30.020	36.717
10/20/12 10:00	38.111	37.994	33.192	12/6/12 23:00	37.955	22.153	34.645	36.038	27.415	29.983	36.682
10/20/12 10:20	38.111	37.994	33.189	12/7/12 0:00	37.958	22.149	34.573	36.047	27.415	29.971	36.661
10/20/12 10:40	38.130	38.013	33.243	12/7/12 1:00	37.951	22.156	34.569	36.017	27.399	29.969	36.656
10/20/12 11:00	38.125	38.006	33.215	12/7/12 2:00	37.927	22.144	34.541	35.991	27.380	29.948	36.632
10/20/12 11:20	38.118	37.999	33.203	12/7/12 3:00	37.925	22.128	34.520	35.993	27.390	29.924	36.614
10/20/12 11:40	38.116	37.997	33.196	12/7/12 4:00	37.927	22.132	34.548	35.991	27.376	29.938	36.618
10/20/12 12:00	38.113	37.994	33.192	12/7/12 5:00	37.923	22.142	34.515	35.984	27.364	29.924	36.614
10/20/12 12:20	38.108	37.990	33.187	12/7/12 6:00	37.881	22.132	34.499	35.963	27.324	29.908	36.602
10/20/12 12:40	38.106	37.987	33.182	12/7/12 7:00	37.881	22.095	34.466	35.954	27.319	29.873	36.581
10/20/12 13:00	38.101	37.983	33.175	12/7/12 8:00	37.881	22.097	34.457	35.954	27.317	29.866	36.572
10/20/12 13:20	38.097	37.978	33.168	12/7/12 9:00	37.883	22.100	34.454	35.972	27.324	29.859	36.565
10/20/12 13:40	38.095	37.973	33.159	12/7/12 10:00	37.909	22.109	34.501	35.979	27.354	29.854	36.558
10/20/12 14:00	38.090	37.971	33.154	12/7/12 11:00	37.904	22.132	34.531	35.984	27.406	29.877	36.576
10/20/12 14:20	38.083	37.964	33.147	12/7/12 12:00	37.904	22.128	34.671	36.014	27.401	29.934	36.614
10/20/12 14:40	38.080	37.962	33.140	12/7/12 13:00	37.885	22.123	34.617	36.038	27.378	29.983	36.707
10/20/12 15:00	38.071	37.950	33.131	12/7/12 14:00	37.855	22.102	34.585	36.066	27.343	29.962	36.686
10/20/12 15:20	38.064	37.945	33.119	12/7/12 15:00	37.834	22.088	34.529	36.103	27.310	29.905	36.635
10/20/12 15:40	38.057	37.938	33.114	12/7/12 16:00	37.836	22.062	34.489	36.136	27.305	29.875	36.602
10/20/12 16:00	38.052	37.931	33.110	12/7/12 17:00	37.853	22.069	34.485	36.154	27.331	29.868	36.581
10/20/12 16:20	38.050	37.931	33.102	12/7/12 18:00	37.860	22.072	34.534	36.154	27.345	29.870	36.583
10/20/12 16:40	38.046	37.927	33.100	12/7/12 19:00	37.881	22.074	34.552	36.140	27.366	29.910	36.625
10/20/12 17:00	38.046	37.924	33.100	12/7/12 20:00	37.916	22.104	34.569	36.096	27.390	29.934	36.656
10/20/12 17:20	38.043	37.922	33.098	12/7/12 21:00	37.941	22.128	34.580	36.054	27.387	29.955	36.661
10/20/12 17:40	38.038	37.920	33.095	12/7/12 22:00	37.958	22.142	34.543	36.026	27.392	29.934	36.639
10/20/12 18:00	38.041	37.920	33.093	12/7/12 23:00	37.969	22.165	34.536	36.000	27.415	29.936	36.628
10/20/12 18:20	38.036	37.915	33.093	12/8/12 0:00	37.965	22.174	34.573	35.982	27.397	29.955	36.632
10/20/12 18:40	38.041	37.920	33.091	12/8/12 1:00	37.969	22.165	34.534	35.975	27.397	29.941	36.628
10/20/12 19:00	38.059	37.938	33.142	12/8/12 2:00	37.967	22.165	34.527	35.972	27.392	29.943	36.623
10/20/12 19:20	38.057	37.936	33.119	12/8/12 3:00	37.948	22.167	34.522	35.963	27.394	29.936	36.618
10/20/12 19:40	38.057	37.936	33.112	12/8/12 4:00	37.946	22.156	34.536	35.972	27.383	29.936	36.628
10/20/12 20:00	38.052	37.931	33.107	12/8/12 5:00	37.932	22.160	34.515	35.958	27.371	29.927	36.618
10/20/12 20:20	38.057	37.934	33.107	12/8/12 6:00	37.920	22.144	34.501	35.942	27.366	29.910	36.609

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/20/12 20:40	38.053	37.931	33.105	12/8/12 7:00	37.923	22.149	34.496	35.935	27.361	29.901	36.604
10/20/12 21:00	38.057	37.934	33.107	12/8/12 8:00	37.925	22.151	34.492	35.930	27.361	29.901	36.602
10/20/12 21:20	38.099	37.973	33.109	12/8/12 9:00	37.920	22.158	34.492	35.935	27.368	29.901	36.602
10/20/12 21:40	38.125	37.999	33.117	12/8/12 10:00	37.911	22.158	34.503	35.937	27.399	29.908	36.616
10/20/12 22:00	38.120	37.997	33.119	12/8/12 11:00	37.916	22.156	34.608	35.947	27.471	29.922	36.623
10/20/12 22:20	38.111	37.987	33.124	12/8/12 12:00	37.899	22.151	34.785	35.996	27.429	30.032	36.719
10/20/12 22:40	38.106	37.980	33.123	12/8/12 13:00	37.862	22.137	34.659	36.049	27.397	30.015	36.745
10/20/12 23:00	38.099	37.976	33.126	12/8/12 14:00	37.827	22.102	34.636	36.115	27.326	29.962	36.696
10/20/12 23:20	38.097	37.973	33.128	12/8/12 15:00	37.790	22.069	34.508	36.192	27.284	29.891	36.632
10/20/12 23:40	38.094	37.973	33.128	12/8/12 16:00	37.774	22.041	34.468	36.241	27.280	29.856	36.588
10/21/12 0:00	38.092	37.971	33.133	12/8/12 17:00	37.767	22.025	34.492	36.285	27.284	29.835	36.567
10/21/12 0:20	38.092	37.969	33.131	12/8/12 18:00	37.781	22.023	34.524	36.271	27.301	29.831	36.569
10/21/12 0:40	38.092	37.969	33.131	12/8/12 19:00	37.785	22.030	34.559	36.213	27.270	29.868	36.600
10/21/12 1:00	38.090	37.966	33.131	12/8/12 20:00	37.797	22.034	34.471	36.199	27.268	29.840	36.576
10/21/12 1:20	38.092	37.971	33.135	12/8/12 21:00	37.823	22.039	34.464	36.185	27.261	29.826	36.548
10/21/12 1:40	38.090	37.969	33.138	12/8/12 22:00	37.850	22.053	34.426	36.168	27.287	29.817	36.544
10/21/12 2:00	38.094	37.973	33.138	12/8/12 23:00	37.860	22.065	34.494	36.154	27.275	29.817	36.532
10/21/12 2:20	38.092	37.971	33.135	12/9/12 0:00	37.878	22.072	34.431	36.140	27.277	29.824	36.537
10/21/12 2:40	38.092	37.969	33.138	12/9/12 1:00	37.897	22.081	34.422	36.129	27.280	29.819	36.525
10/21/12 3:00	38.092	37.971	33.138	12/9/12 2:00	37.895	22.088	34.415	36.119	27.275	29.826	36.523
10/21/12 3:20	38.090	37.969	33.138	12/9/12 3:00	37.890	22.093	34.410	36.115	27.266	29.819	36.516
10/21/12 3:40	38.092	37.969	33.135	12/9/12 4:00	37.899	22.083	34.401	36.101	27.268	29.805	36.511
10/21/12 4:00	38.090	37.966	33.133	12/9/12 5:00	37.911	22.083	34.399	36.084	27.284	29.810	36.511
10/21/12 4:20	38.092	37.966	33.131	12/9/12 6:00	37.941	22.104	34.412	36.073	27.310	29.817	36.518
10/21/12 4:40	38.088	37.966	33.128	12/9/12 7:00	37.953	22.132	34.433	36.063	27.324	29.840	36.534
10/21/12 5:00	38.087	37.966	33.128	12/9/12 8:00	37.981	22.146	34.447	36.059	27.359	29.852	36.548
10/21/12 5:20	38.090	37.966	33.131	12/9/12 9:00	38.020	22.170	34.501	36.049	27.399	29.898	36.583
10/21/12 5:40	38.088	37.964	33.133	12/9/12 10:00	38.039	22.209	34.513	36.031	27.422	29.917	36.609
10/21/12 6:00	38.090	37.969	33.135	12/9/12 11:00	38.062	22.235	34.541	36.014	27.446	29.945	36.630
10/21/12 6:20	38.108	37.990	33.203	12/9/12 12:00	38.107	22.249	34.562	36.014	27.499	29.976	36.654
10/21/12 6:40	38.104	37.985	33.163	12/9/12 13:00	38.081	22.300	34.604	36.007	27.504	30.020	36.686
10/21/12 7:00	38.102	37.980	33.156	12/9/12 14:00	38.062	22.286	34.629	35.996	27.492	30.036	36.719
10/21/12 7:20	38.104	37.980	33.152	12/9/12 15:00	38.039	22.265	34.613	36.000	27.485	30.029	36.719
10/21/12 7:40	38.099	37.978	33.149	12/9/12 16:00	38.030	22.258	34.608	36.014	27.497	30.020	36.714

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/21/12 8:00	38.099	37.978	33.147	12/9/12 17:00	38.034	22.263	34.631	36.014	27.502	30.036	36.731
10/21/12 8:20	38.097	37.976	33.145	12/9/12 18:00	38.046	22.272	34.624	36.000	27.530	30.036	36.731
10/21/12 8:40	38.099	37.978	33.147	12/9/12 19:00	38.053	22.302	34.659	35.975	27.569	30.062	36.754
10/21/12 9:00	38.104	37.980	33.152	12/9/12 20:00	38.069	22.321	34.741	35.942	27.635	30.088	36.777
10/21/12 9:20	38.102	37.980	33.154	12/9/12 21:00	38.083	22.340	34.834	35.919	27.661	30.207	36.897
10/21/12 9:40	38.106	37.985	33.156	12/9/12 22:00	38.079	22.370	34.860	35.902	27.651	30.186	36.887
10/21/12 10:00	38.109	37.987	33.159	12/9/12 23:00	38.067	22.365	34.808	35.907	27.654	30.200	36.892
10/21/12 10:20	38.111	37.987	33.159	12/10/12 0:00	38.051	22.368	34.834	35.909	27.635	30.195	36.873
10/21/12 10:40	38.111	37.992	33.163	12/10/12 1:00	38.030	22.354	34.774	35.891	27.626	30.179	36.859
10/21/12 11:00	38.106	37.987	33.161	12/10/12 2:00	37.999	22.354	34.762	35.874	27.590	30.163	36.843
10/21/12 11:20	38.109	37.987	33.156	12/10/12 3:00	37.981	22.323	34.720	35.865	27.574	30.137	36.813
10/21/12 11:40	38.106	37.985	33.156	12/10/12 4:00	37.979	22.314	34.697	35.860	27.581	30.114	36.787
10/21/12 12:00	38.109	37.985	33.154	12/10/12 5:00	37.958	22.323	34.708	35.856	27.553	30.121	36.789
10/21/12 12:20	38.102	37.983	33.152	12/10/12 6:00	37.932	22.305	34.676	35.851	27.527	30.095	36.766
10/21/12 12:40	38.127	38.008	33.241	12/10/12 7:00	37.925	22.288	34.652	35.849	27.520	30.069	36.747
10/21/12 13:00	38.129	38.011	33.178	12/10/12 8:00	37.918	22.291	34.641	35.858	27.516	30.057	36.733
10/21/12 13:20	38.129	38.008	33.163	12/10/12 9:00	37.927	22.291	34.636	35.858	27.516	30.050	36.731
10/21/12 13:40	38.134	38.018	33.159	12/10/12 10:00	37.909	22.295	34.636	35.863	27.516	30.055	36.733
10/21/12 14:00	38.244	38.121	33.208	12/10/12 11:00	37.892	22.279	34.657	35.884	27.523	30.067	36.761
10/21/12 14:20	38.220	38.212	33.173	12/10/12 12:00	37.890	22.272	34.713	35.965	27.532	30.050	36.752
10/21/12 14:40	38.141	38.025	33.159	12/10/12 13:00	37.850	22.265	34.748	36.021	27.481	30.071	36.756
10/21/12 15:00	38.123	38.004	33.152	12/10/12 14:00	37.797	22.221	34.673	36.103	27.411	30.036	36.738
10/21/12 15:20	38.302	38.184	33.140	12/10/12 15:00	37.755	22.172	34.583	35.993	27.359	29.978	36.703
10/21/12 15:40	38.120	38.001	33.133	12/10/12 16:00	37.729	22.130	34.538	35.956	27.324	29.931	36.665
10/21/12 16:00	38.134	38.011	33.318	12/10/12 17:00	37.727	22.111	34.492	35.940	27.312	29.882	36.618
10/21/12 16:20	38.118	37.999	33.168	12/10/12 18:00	37.732	22.109	34.487	35.937	27.331	29.873	36.616
10/21/12 16:40	38.099	37.980	33.140	12/10/12 19:00	37.748	22.102	34.543	35.937	27.305	29.915	36.642
10/21/12 17:00	38.092	37.971	33.128	12/10/12 20:00	37.769	22.118	34.475	35.951	27.357	29.863	36.595
10/21/12 17:20	38.099	37.973	33.124	12/10/12 21:00	37.806	22.130	34.590	35.968	27.401	29.905	36.609
10/21/12 17:40	38.132	38.004	33.121	12/10/12 22:00	37.829	22.151	34.650	36.000	27.406	29.990	36.700
10/21/12 18:00	38.185	38.055	33.124	12/10/12 23:00	37.848	22.158	34.638	36.017	27.406	29.971	36.698
10/21/12 18:20	38.239	38.107	33.135	12/11/12 0:00	37.864	22.172	34.627	36.033	27.397	29.952	36.675
10/21/12 18:40	38.339	38.202	33.152	12/11/12 1:00	37.895	22.172	34.585	36.047	27.394	29.959	36.654
10/21/12 19:00	38.426	38.286	33.171	12/11/12 2:00	37.892	22.202	34.545	36.070	27.378	29.943	36.632

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/21/12 19:20	38.635	38.663	33.248	12/11/12 3:00	37.902	22.184	34.520	36.068	27.376	29.924	36.609
10/21/12 19:40	38.789	38.819	33.241	12/11/12 4:00	37.920	22.193	34.508	36.075	27.383	29.917	36.595
10/21/12 20:00	38.801	38.829	33.255	12/11/12 5:00	37.934	22.202	34.508	36.089	27.390	29.919	36.595
10/21/12 20:20	38.855	38.868	33.269	12/11/12 6:00	37.951	22.205	34.510	36.101	27.404	29.927	36.595
10/21/12 20:40	38.810	38.873	33.283	12/11/12 7:00	37.962	22.223	34.520	36.115	27.411	29.938	36.607
10/21/12 21:00	38.635	38.646	33.292	12/11/12 8:00	37.974	22.235	34.529	36.124	27.427	29.945	36.618
10/21/12 21:20	38.820	38.897	33.292	12/11/12 9:00	37.979	22.247	34.543	36.133	27.443	29.955	36.635
10/21/12 21:40	38.586	38.567	33.297	12/11/12 10:00	37.993	22.254	34.573	36.136	27.455	29.983	36.663
10/21/12 22:00	38.433	38.317	33.297	12/11/12 11:00	37.995	22.268	34.578	36.152	27.478	29.987	36.675
10/21/12 22:20	38.363	38.247	33.285	12/11/12 12:00	37.993	22.270	34.631	36.152	27.467	29.999	36.686
10/21/12 22:40	38.323	38.205	33.274	12/11/12 13:00	37.965	22.272	34.592	36.150	27.453	30.004	36.698
10/21/12 23:00	38.288	38.167	33.262	12/11/12 14:00	37.932	22.242	34.587	36.126	27.443	29.997	36.698
10/21/12 23:20	38.260	38.142	33.250	12/11/12 15:00	37.906	22.212	34.645	36.098	27.425	29.976	36.679
10/21/12 23:40	38.239	38.121	33.239	12/11/12 16:00	37.881	22.186	34.622	36.077	27.408	29.980	36.700
10/22/12 0:00	38.218	38.100	33.227	12/11/12 17:00	37.878	22.170	34.583	36.056	27.404	29.969	36.682
10/22/12 0:20	38.202	38.081	33.217	12/11/12 18:00	37.902	22.172	34.557	36.059	27.408	29.948	36.670
10/22/12 0:40	38.190	38.071	33.213	12/11/12 19:00	37.890	22.186	34.555	36.075	27.502	29.955	36.677
10/22/12 1:00	38.178	38.057	33.206	12/11/12 20:00	37.906	22.184	34.841	36.066	27.534	30.022	36.721
10/22/12 1:20	38.171	38.048	33.201	12/11/12 21:00	37.913	22.200	34.822	36.082	27.537	30.116	36.862
10/22/12 1:40	38.162	38.041	33.196	12/11/12 22:00	37.920	22.200	34.804	36.089	27.516	30.137	36.850
10/22/12 2:00	38.153	38.032	33.192	12/11/12 23:00	37.923	22.207	34.743	36.091	27.495	30.090	36.810
10/22/12 2:20	38.150	38.032	33.189	12/12/12 0:00	37.916	22.205	34.683	36.094	27.474	30.064	36.777
10/22/12 2:40	38.146	38.025	33.189	12/12/12 1:00	37.909	22.198	34.643	36.089	27.450	30.034	36.742
10/22/12 3:00	38.141	38.022	33.185	12/12/12 2:00	37.895	22.198	34.604	36.082	27.436	30.004	36.700
10/22/12 3:20	38.139	38.020	33.185	12/12/12 3:00	37.895	22.181	34.597	36.073	27.420	29.997	36.684
10/22/12 3:40	38.139	38.018	33.185	12/12/12 4:00	37.895	22.181	34.562	36.070	27.408	29.971	36.654
10/22/12 4:00	38.137	38.015	33.185	12/12/12 5:00	37.881	22.181	34.545	36.070	27.385	29.952	36.632
10/22/12 4:20	38.377	38.394	33.187	12/12/12 6:00	37.869	22.167	34.517	36.059	27.368	29.934	36.614
10/22/12 4:40	38.167	38.048	33.192	12/12/12 7:00	37.878	22.158	34.499	36.047	27.368	29.912	36.597
10/22/12 5:00	38.153	38.032	33.194	12/12/12 8:00	37.899	22.167	34.496	36.054	27.383	29.908	36.593
10/22/12 5:20	38.150	38.029	33.196	12/12/12 9:00	37.930	22.186	34.506	36.073	27.401	29.922	36.600
10/22/12 5:40	38.153	38.032	33.201	12/12/12 10:00	37.923	22.200	34.524	36.061	27.408	29.941	36.614
10/22/12 6:00	38.157	38.034	33.203	12/12/12 11:00	37.920	22.193	34.548	36.075	27.448	29.955	36.637
10/22/12 6:20	38.171	38.048	33.213	12/12/12 12:00	37.909	22.195	34.692	36.108	27.506	29.983	36.663

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/22/12 6:40	38.178	38.055	33.217	12/12/12 13:00	37.890	22.181	34.827	36.150	27.469	30.048	36.752
10/22/12 7:00	38.227	38.125	33.224	12/12/12 14:00	37.864	22.167	34.711	36.066	27.415	30.060	36.792
10/22/12 7:20	38.339	38.205	33.241	12/12/12 15:00	37.836	22.142	34.611	36.045	27.371	29.994	36.721
10/22/12 7:40	38.353	38.205	33.250	12/12/12 16:00	37.836	22.116	34.557	36.021	27.352	29.945	36.670
10/22/12 8:00	38.344	38.216	33.264	12/12/12 17:00	37.836	22.121	34.513	36.019	27.368	29.908	36.623
10/22/12 8:20	38.614	38.698	33.473	12/12/12 18:00	37.846	22.114	34.559	36.019	27.425	29.929	36.625
10/22/12 8:40	38.603	38.632	33.339	12/12/12 19:00	37.846	22.114	34.734	36.026	27.397	29.971	36.677
10/22/12 9:00	38.577	38.569	33.330	12/12/12 20:00	37.874	22.116	34.617	36.028	27.385	29.973	36.689
10/22/12 9:20	38.640	38.693	33.335	12/12/12 21:00	37.885	22.146	34.552	36.052	27.378	29.943	36.651
10/22/12 9:40	38.698	38.796	33.339	12/12/12 22:00	37.899	22.149	34.529	36.059	27.378	29.929	36.628
10/22/12 10:00	38.801	38.887	33.349	12/12/12 23:00	37.892	22.151	34.520	36.070	27.380	29.924	36.623
10/22/12 10:20	38.668	38.717	33.365	12/13/12 0:00	37.892	22.144	34.541	36.066	27.366	29.934	36.628
10/22/12 10:40	38.440	38.333	33.379	12/13/12 1:00	37.892	22.146	34.510	36.063	27.373	29.915	36.621
10/22/12 11:00	38.374	38.261	33.374	12/13/12 2:00	37.883	22.151	34.531	36.063	27.347	29.924	36.625
10/22/12 11:20	38.493	38.490	33.372	12/13/12 3:00	37.878	22.135	34.489	36.056	27.338	29.898	36.604
10/22/12 11:40	38.440	38.389	33.377	12/13/12 4:00	37.906	22.130	34.478	36.054	27.352	29.884	36.586
10/22/12 12:00	38.614	38.618	33.372	12/13/12 5:00	37.927	22.160	34.480	36.073	27.366	29.889	36.579
10/22/12 12:20	38.402	38.291	33.375	12/13/12 6:00	37.920	22.179	34.487	36.094	27.359	29.903	36.579
10/22/12 12:40	38.353	38.235	33.375	12/13/12 7:00	37.934	22.170	34.480	36.087	27.366	29.894	36.574
10/22/12 13:00	38.351	38.235	33.372	12/13/12 8:00	37.937	22.181	34.487	36.096	27.368	29.898	36.581
10/22/12 13:20	38.321	38.202	33.370	12/13/12 9:00	37.951	22.184	34.489	36.098	27.406	29.903	36.588
10/22/12 13:40	38.297	38.177	33.356	12/13/12 10:00	37.965	22.200	34.571	36.110	27.406	29.919	36.607
10/22/12 14:00	38.286	38.167	33.346	12/13/12 11:00	37.974	22.216	34.536	36.124	27.413	29.943	36.637
10/22/12 14:20	38.267	38.146	33.332	12/13/12 12:00	37.965	22.221	34.538	36.129	27.408	29.948	36.644
10/22/12 14:40	38.269	38.151	33.321	12/13/12 13:00	37.958	22.214	34.536	36.124	27.418	29.948	36.649
10/22/12 15:00	38.255	38.135	33.314	12/13/12 14:00	37.937	22.207	34.559	36.117	27.399	29.964	36.665
10/22/12 15:20	38.269	38.151	33.447	12/13/12 15:00	37.906	22.188	34.541	36.098	27.399	29.948	36.665
10/22/12 15:40	38.265	38.146	33.356	12/13/12 16:00	37.899	22.170	34.569	36.075	27.385	29.955	36.670
10/22/12 16:00	38.253	38.135	33.337	12/13/12 17:00	37.899	22.167	34.543	36.070	27.415	29.936	36.661
10/22/12 16:20	38.248	38.128	33.328	12/13/12 18:00	37.911	22.170	34.659	36.068	27.471	29.938	36.654
10/22/12 16:40	38.237	38.116	33.316	12/13/12 19:00	37.911	22.177	34.790	36.080	27.532	30.015	36.705
10/22/12 17:00	38.232	38.111	33.311	12/13/12 20:00	37.913	22.184	34.883	36.084	27.490	30.123	36.836
10/22/12 17:20	38.230	38.111	33.307	12/13/12 21:00	37.916	22.177	34.739	36.087	27.495	30.081	36.815
10/22/12 17:40	38.230	38.107	33.307	12/13/12 22:00	37.902	22.174	34.750	36.087	27.453	30.064	36.796

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/22/12 18:00	38.239	38.114	33.489	12/13/12 23:00	37.895	22.172	34.638	36.075	27.432	30.018	36.742
10/22/12 18:20	38.237	38.116	33.339	12/14/12 0:00	37.909	22.172	34.597	36.070	27.439	29.990	36.703
10/22/12 18:40	38.232	38.109	33.318	12/14/12 1:00	37.895	22.174	34.608	36.080	27.415	30.004	36.703
10/22/12 19:00	38.232	38.109	33.314	12/14/12 2:00	37.874	22.172	34.569	36.068	27.383	29.969	36.675
10/22/12 19:20	38.232	38.109	33.309	12/14/12 3:00	37.867	22.144	34.534	36.052	27.368	29.938	36.644
10/22/12 19:40	38.225	38.104	33.302	12/14/12 4:00	37.867	22.142	34.515	36.042	27.359	29.917	36.621
10/22/12 20:00	38.223	38.100	33.297	12/14/12 5:00	37.864	22.142	34.496	36.042	27.359	29.903	36.600
10/22/12 20:20	38.218	38.097	33.292	12/14/12 6:00	37.855	22.142	34.506	36.040	27.333	29.910	36.600
10/22/12 20:40	38.216	38.097	33.292	12/14/12 7:00	37.843	22.123	34.473	36.033	27.312	29.880	36.576
10/22/12 21:00	38.211	38.088	33.288	12/14/12 8:00	37.839	22.118	34.447	36.021	27.298	29.859	36.555
10/22/12 21:20	38.209	38.088	33.285	12/14/12 9:00	37.836	22.104	34.436	36.019	27.287	29.845	36.539
10/22/12 21:40	38.213	38.093	33.288	12/14/12 10:00	37.836	22.095	34.426	36.014	27.291	29.835	36.537
10/22/12 22:00	38.209	38.088	33.285	12/14/12 11:00	37.839	22.107	34.436	36.014	27.277	29.835	36.546
10/22/12 22:20	38.211	38.088	33.285	12/14/12 12:00	37.829	22.095	34.424	36.019	27.273	29.828	36.539
10/22/12 22:40	38.204	38.081	33.281	12/14/12 13:00	37.804	22.086	34.433	36.021	27.275	29.824	36.560
10/22/12 23:00	38.199	38.078	33.281	12/14/12 14:00	37.755	22.062	34.475	36.007	27.210	29.840	36.607
10/22/12 23:20	38.202	38.081	33.281	12/14/12 15:00	37.725	22.004	34.403	35.956	27.170	29.782	36.581
10/22/12 23:40	38.197	38.076	33.278	12/14/12 16:00	37.725	21.979	34.371	35.937	27.214	29.744	36.544
10/23/12 0:00	38.192	38.069	33.271	12/14/12 17:00	37.720	21.981	34.475	35.942	27.207	29.805	36.597
10/23/12 0:20	38.197	38.074	33.471	12/14/12 18:00	37.706	21.976	34.466	35.930	27.172	29.796	36.609
10/23/12 0:40	38.195	38.079	33.302	12/14/12 19:00	37.727	21.951	34.433	35.914	27.277	29.758	36.551
10/23/12 1:00	38.190	38.069	33.276	12/14/12 20:00	37.711	21.960	34.641	35.930	27.203	29.887	36.658
10/23/12 1:20	38.178	38.055	33.260	12/14/12 21:00	37.683	21.932	34.487	35.914	27.128	29.793	36.574
10/23/12 1:40	38.178	38.055	33.255	12/14/12 22:00	37.648	21.904	34.361	35.895	27.062	29.716	36.494
10/23/12 2:00	38.169	38.048	33.248	12/14/12 23:00	37.622	21.855	34.275	35.863	27.025	29.646	36.427
10/23/12 2:20	38.160	38.041	33.239	12/15/12 0:00	37.585	21.825	34.259	35.837	26.971	29.613	36.399
10/23/12 2:40	38.155	38.034	33.229	12/15/12 1:00	37.566	21.808	34.182	35.821	26.927	29.550	36.352
10/23/12 3:00	38.146	38.025	33.220	12/15/12 2:00	37.559	21.778	34.128	35.800	26.892	29.503	36.293
10/23/12 3:20	38.141	38.020	33.213	12/15/12 3:00	37.573	21.764	34.086	35.790	26.873	29.464	36.249
10/23/12 3:40	38.134	38.013	33.203	12/15/12 4:00	37.606	21.762	34.063	35.800	26.873	29.440	36.214
10/23/12 4:00	38.125	38.004	33.199	12/15/12 5:00	37.664	21.780	34.051	35.825	26.887	29.433	36.193
10/23/12 4:20	38.393	38.415	33.189	12/15/12 6:00	37.713	21.811	34.054	35.860	26.918	29.443	36.188
10/23/12 4:40	38.475	38.518	33.192	12/15/12 7:00	37.792	21.848	34.075	35.902	26.971	29.459	36.193
10/23/12 5:00	38.311	38.251	33.199	12/15/12 8:00	37.848	21.902	34.131	35.986	27.041	29.513	36.240

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/23/12 5:20	38.176	38.058	33.199	12/15/12 9:00	37.904	21.941	34.233	36.045	27.090	29.583	36.359
10/23/12 5:40	38.157	38.041	33.196	12/15/12 10:00	37.941	21.974	34.287	36.096	27.128	29.644	36.438
10/23/12 6:00	38.155	38.036	33.194	12/15/12 11:00	37.951	21.995	34.319	36.112	27.147	29.683	36.494
10/23/12 6:20	38.136	38.018	33.189	12/15/12 12:00	37.962	22.002	34.340	36.133	27.172	29.702	36.490
10/23/12 6:40	38.143	38.025	33.187	12/15/12 13:00	37.958	22.000	34.371	36.133	27.228	29.740	36.551
10/23/12 7:00	38.169	38.062	33.187	12/15/12 14:00	37.923	21.988	34.524	36.124	27.280	29.772	36.551
10/23/12 7:20	38.139	38.018	33.185	12/15/12 15:00	37.918	21.965	34.655	36.096	27.228	29.889	36.670
10/23/12 7:40	38.132	38.011	33.182	12/15/12 16:00	37.941	21.969	34.478	36.091	27.247	29.817	36.621
10/23/12 8:00	38.125	38.006	33.182	12/15/12 17:00	37.946	21.995	34.478	36.108	27.254	29.824	36.581
10/23/12 8:20	38.118	37.999	33.178	12/15/12 18:00	37.953	22.002	34.506	36.110	27.287	29.826	36.562
10/23/12 8:40	38.139	38.018	33.260	12/15/12 19:00	37.953	22.000	34.529	36.117	27.282	29.877	36.609
10/23/12 9:00	38.129	38.008	33.206	12/15/12 20:00	37.969	22.018	34.492	36.117	27.275	29.856	36.588
10/23/12 9:20	38.125	38.006	33.194	12/15/12 21:00	37.976	22.027	34.447	36.129	27.277	29.833	36.553
10/23/12 9:40	38.127	38.004	33.187	12/15/12 22:00	37.969	22.037	34.438	36.133	27.273	29.828	36.537
10/23/12 10:00	38.120	37.999	33.185	12/15/12 23:00	37.967	22.037	34.436	36.126	27.275	29.821	36.530
10/23/12 10:20	38.113	37.994	33.180	12/16/12 0:00	37.955	22.034	34.433	36.124	27.280	29.831	36.541
10/23/12 10:40	38.269	38.177	33.173	12/16/12 1:00	37.955	22.030	34.443	36.115	27.280	29.831	36.553
10/23/12 11:00	38.297	38.263	33.173	12/16/12 2:00	37.946	22.039	34.433	36.115	27.275	29.826	36.544
10/23/12 11:20	38.192	38.125	33.173	12/16/12 3:00	37.939	22.030	34.424	36.108	27.268	29.821	36.539
10/23/12 11:40	38.269	38.165	33.178	12/16/12 4:00	37.953	22.030	34.415	36.103	27.282	29.814	36.530
10/23/12 12:00	38.353	38.338	33.182	12/16/12 5:00	37.951	22.055	34.424	36.112	27.280	29.826	36.532
10/23/12 12:20	38.367	38.331	33.353	12/16/12 6:00	37.939	22.048	34.419	36.110	27.273	29.824	36.527
10/23/12 12:40	38.188	38.074	33.224	12/16/12 7:00	37.937	22.044	34.410	36.101	27.270	29.814	36.520
10/23/12 13:00	38.344	38.312	33.199	12/16/12 8:00	37.934	22.044	34.410	36.098	27.273	29.814	36.516
10/23/12 13:20	38.409	38.373	33.192	12/16/12 9:00	37.948	22.051	34.406	36.096	27.298	29.812	36.513
10/23/12 13:40	38.239	38.198	33.187	12/16/12 10:00	37.937	22.069	34.443	36.110	27.289	29.842	36.539
10/23/12 14:00	38.169	38.055	33.180	12/16/12 11:00	37.941	22.058	34.431	36.098	27.312	29.833	36.541
10/23/12 14:20	38.150	38.032	33.173	12/16/12 12:00	37.934	22.069	34.475	36.105	27.298	29.859	36.560
10/23/12 14:40	38.139	38.020	33.168	12/16/12 13:00	37.890	22.062	34.447	36.096	27.273	29.847	36.565
10/23/12 15:00	38.433	38.424	33.171	12/16/12 14:00	37.874	22.020	34.443	36.063	27.261	29.835	36.565
10/23/12 15:20	38.388	38.312	33.171	12/16/12 15:00	37.853	22.011	34.426	36.047	27.247	29.819	36.560
10/23/12 15:40	38.519	38.546	33.185	12/16/12 16:00	37.862	21.997	34.468	36.031	27.361	29.791	36.532
10/23/12 16:00	38.367	38.340	33.194	12/16/12 17:00	37.876	22.016	34.713	36.040	27.350	29.922	36.649
10/23/12 16:20	38.290	38.198	33.196	12/16/12 18:00	37.897	22.027	34.629	36.052	27.380	29.917	36.658

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/23/12 16:40	38.211	38.093	33.199	12/16/12 19:00	37.913	22.053	34.629	36.070	27.380	29.950	36.677
10/23/12 17:00	38.197	38.081	33.241	12/16/12 20:00	37.925	22.062	34.608	36.082	27.378	29.964	36.668
10/23/12 17:20	38.172	38.050	33.208	12/16/12 21:00	37.930	22.069	34.580	36.091	27.378	29.955	36.661
10/23/12 17:40	38.167	38.043	33.201	12/16/12 22:00	37.934	22.081	34.571	36.094	27.361	29.943	36.630
10/23/12 18:00	38.162	38.041	33.196	12/16/12 23:00	37.948	22.088	34.522	36.098	27.364	29.915	36.609
10/23/12 18:20	38.158	38.034	33.192	12/17/12 0:00	37.960	22.097	34.513	36.108	27.387	29.912	36.602
10/23/12 18:40	38.148	38.027	33.189	12/17/12 1:00	37.951	22.116	34.541	36.119	27.366	29.938	36.618
10/23/12 19:00	38.157	38.032	33.194	12/17/12 2:00	37.932	22.097	34.513	36.110	27.354	29.919	36.609
10/23/12 19:20	38.148	38.027	33.194	12/17/12 3:00	37.902	22.090	34.494	36.096	27.324	29.901	36.600
10/23/12 19:40	38.148	38.027	33.194	12/17/12 4:00	37.906	22.069	34.471	36.068	27.336	29.875	36.581
10/23/12 20:00	38.146	38.022	33.192	12/17/12 5:00	37.876	22.072	34.489	36.075	27.303	29.891	36.590
10/23/12 20:20	38.146	38.022	33.194	12/17/12 6:00	37.864	22.053	34.452	36.049	27.287	29.856	36.562
10/23/12 20:40	38.146	38.020	33.192	12/17/12 7:00	37.874	22.046	34.431	36.038	27.291	29.835	36.541
10/23/12 21:00	38.143	38.020	33.187	12/17/12 8:00	37.885	22.058	34.426	36.047	27.294	29.833	36.532
10/23/12 21:20	38.143	38.020	33.189	12/17/12 9:00	37.881	22.067	34.429	36.059	27.301	29.838	36.527
10/23/12 21:40	38.144	38.020	33.189	12/17/12 10:00	37.899	22.060	34.459	36.052	27.303	29.852	36.532
10/23/12 22:00	38.144	38.018	33.189	12/17/12 11:00	37.909	22.074	34.438	36.068	27.319	29.847	36.537
10/23/12 22:20	38.139	38.015	33.192	12/17/12 12:00	37.909	22.088	34.459	36.073	27.312	29.861	36.553
10/23/12 22:40	38.143	38.020	33.194	12/17/12 13:00	37.874	22.088	34.450	36.075	27.275	29.856	36.551
10/23/12 23:00	38.139	38.015	33.194	12/17/12 14:00	37.834	22.048	34.417	36.045	27.273	29.826	36.537
10/23/12 23:20	38.309	38.224	33.192	12/17/12 15:00	37.795	22.014	34.510	36.012	27.340	29.817	36.530
10/23/12 23:40	38.167	38.048	33.192	12/17/12 16:00	37.771	21.981	34.699	35.979	27.322	29.945	36.658
10/24/12 0:00	38.288	38.207	33.189	12/17/12 17:00	37.753	21.962	34.669	35.963	27.310	29.880	36.656
10/24/12 0:20	38.216	38.107	33.236	12/17/12 18:00	37.746	21.944	34.678	35.949	27.261	29.903	36.654
10/24/12 0:40	38.169	38.048	33.210	12/17/12 19:00	37.755	21.944	34.536	35.942	27.247	29.856	36.628
10/24/12 1:00	38.155	38.034	33.201	12/17/12 20:00	37.767	21.951	34.485	35.949	27.214	29.838	36.579
10/24/12 1:20	38.141	38.020	33.189	12/17/12 21:00	37.769	21.953	34.406	35.958	27.191	29.786	36.511
10/24/12 1:40	38.132	38.011	33.182	12/17/12 22:00	37.760	21.944	34.366	35.958	27.177	29.756	36.469
10/24/12 2:00	38.123	38.004	33.173	12/17/12 23:00	37.755	21.930	34.366	35.947	27.147	29.740	36.445
10/24/12 2:20	38.118	37.994	33.168	12/18/12 0:00	37.776	21.923	34.317	35.942	27.149	29.704	36.427
10/24/12 2:40	38.113	37.990	33.161	12/18/12 1:00	37.788	21.937	34.303	35.961	27.144	29.702	36.410
10/24/12 3:00	38.106	37.985	33.156	12/18/12 2:00	37.802	21.948	34.298	35.970	27.144	29.697	36.406
10/24/12 3:20	38.102	37.978	33.154	12/18/12 3:00	37.802	21.951	34.294	35.979	27.137	29.695	36.406
10/24/12 3:40	38.101	37.980	33.149	12/18/12 4:00	37.827	21.948	34.289	35.979	27.147	29.686	36.403

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/24/12 4:00	38.097	37.976	33.149	12/18/12 5:00	37.843	21.962	34.294	36.000	27.154	29.693	36.408
10/24/12 4:20	38.102	37.978	33.149	12/18/12 6:00	37.853	21.974	34.298	36.012	27.156	29.700	36.410
10/24/12 4:40	38.095	37.973	33.147	12/18/12 7:00	37.878	21.979	34.301	36.021	27.182	29.702	36.413
10/24/12 5:00	38.094	37.973	33.147	12/18/12 8:00	37.911	22.009	34.319	36.040	27.207	29.716	36.424
10/24/12 5:20	38.099	37.978	33.149	12/18/12 9:00	37.944	22.032	34.338	36.068	27.245	29.742	36.441
10/24/12 5:40	38.097	37.976	33.152	12/18/12 10:00	37.969	22.067	34.382	36.096	27.261	29.784	36.478
10/24/12 6:00	38.106	37.983	33.156	12/18/12 11:00	37.992	22.086	34.392	36.115	27.287	29.798	36.490
10/24/12 6:20	38.111	37.985	33.163	12/18/12 12:00	38.004	22.107	34.412	36.133	27.303	29.821	36.509
10/24/12 6:40	38.120	37.994	33.171	12/18/12 13:00	37.997	22.118	34.429	36.145	27.319	29.838	36.525
10/24/12 7:00	38.127	38.001	33.175	12/18/12 14:00	37.979	22.109	34.459	36.140	27.329	29.863	36.558
10/24/12 7:20	38.132	38.006	33.182	12/18/12 15:00	37.965	22.097	34.510	36.124	27.308	29.852	36.560
10/24/12 7:40	38.134	38.013	33.187	12/18/12 16:00	37.953	22.090	34.457	36.115	27.326	29.856	36.574
10/24/12 8:00	38.137	38.015	33.192	12/18/12 17:00	37.953	22.090	34.527	36.105	27.317	29.847	36.569
10/24/12 8:20	38.146	38.020	33.199	12/18/12 18:00	37.955	22.102	34.468	36.108	27.336	29.863	36.586
10/24/12 8:40	38.153	38.027	33.206	12/18/12 19:00	37.953	22.109	34.496	36.108	27.439	29.884	36.593
10/24/12 9:00	38.155	38.032	33.213	12/18/12 20:00	37.955	22.109	34.762	36.110	27.455	30.011	36.700
10/24/12 9:20	38.160	38.039	33.217	12/18/12 21:00	37.962	22.123	34.732	36.110	27.427	30.029	36.766
10/24/12 9:40	38.185	38.064	33.295	12/18/12 22:00	37.958	22.128	34.666	36.117	27.446	30.001	36.719
10/24/12 10:00	38.185	38.062	33.260	12/18/12 23:00	37.930	22.125	34.718	36.115	27.425	29.990	36.696
10/24/12 10:20	38.181	38.060	33.250	12/19/12 0:00	37.934	22.109	34.678	36.091	27.406	29.994	36.698
10/24/12 10:40	38.183	38.060	33.248	12/19/12 1:00	37.923	22.125	34.580	36.096	27.397	29.966	36.670
10/24/12 11:00	38.183	38.060	33.243	12/19/12 2:00	37.904	22.109	34.608	36.084	27.366	29.938	36.635
10/24/12 11:20	38.178	38.057	33.243	12/19/12 3:00	37.878	22.102	34.524	36.070	27.336	29.924	36.623
10/24/12 11:40	38.178	38.058	33.239	12/19/12 4:00	37.899	22.081	34.489	36.049	27.345	29.894	36.595
10/24/12 12:00	38.176	38.055	33.239	12/19/12 5:00	37.874	22.104	34.487	36.066	27.329	29.896	36.586
10/24/12 12:20	38.176	38.053	33.234	12/19/12 6:00	37.864	22.088	34.482	36.045	27.305	29.884	36.581
10/24/12 12:40	38.169	38.048	33.229	12/19/12 7:00	37.848	22.065	34.452	36.038	27.282	29.863	36.560
10/24/12 13:00	38.165	38.041	33.224	12/19/12 8:00	37.839	22.060	34.426	36.024	27.275	29.840	36.541
10/24/12 13:20	38.162	38.039	33.217	12/19/12 9:00	37.832	22.053	34.415	36.017	27.261	29.824	36.525
10/24/12 13:40	38.155	38.034	33.213	12/19/12 10:00	37.827	22.048	34.403	36.007	27.252	29.807	36.511
10/24/12 14:00	38.372	38.359	33.213	12/19/12 11:00	37.806	22.053	34.392	36.005	27.228	29.796	36.499
10/24/12 14:20	38.188	38.067	33.213	12/19/12 12:00	37.755	22.014	34.389	35.989	27.200	29.796	36.506
10/24/12 14:40	38.344	38.380	33.285	12/19/12 13:00	37.711	21.979	34.378	35.947	27.179	29.768	36.511
10/24/12 15:00	38.307	38.301	33.248	12/19/12 14:00	37.729	21.941	34.387	35.909	27.161	29.758	36.516

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/24/12 15:20	38.220	38.104	33.243	12/19/12 15:00	37.697	21.937	34.357	35.926	27.125	29.744	36.483
10/24/12 15:40	38.190	38.071	33.234	12/19/12 16:00	37.713	21.925	34.317	35.895	27.158	29.697	36.441
10/24/12 16:00	38.178	38.058	33.227	12/19/12 17:00	37.741	21.934	34.443	35.907	27.172	29.707	36.431
10/24/12 16:20	38.167	38.046	33.220	12/19/12 18:00	37.785	21.953	34.387	35.930	27.205	29.749	36.483
10/24/12 16:40	38.160	38.039	33.213	12/19/12 19:00	37.843	21.988	34.438	35.968	27.259	29.782	36.490
10/24/12 17:00	38.150	38.032	33.208	12/19/12 20:00	37.864	22.034	34.478	36.017	27.249	29.831	36.534
10/24/12 17:20	38.148	38.025	33.201	12/19/12 21:00	37.939	22.055	34.415	36.033	27.289	29.796	36.504
10/24/12 17:40	38.143	38.022	33.199	12/19/12 22:00	37.960	22.111	34.431	36.094	27.303	29.833	36.504
10/24/12 18:00	38.136	38.015	33.194	12/19/12 23:00	37.992	22.123	34.433	36.110	27.329	29.840	36.494
10/24/12 18:20	38.158	38.055	33.192	12/20/12 0:00	38.006	22.149	34.457	36.133	27.345	29.863	36.520
10/24/12 18:40	38.209	38.109	33.194	12/20/12 1:00	38.032	22.160	34.466	36.147	27.373	29.880	36.530
10/24/12 19:00	38.339	38.319	33.201	12/20/12 2:00	38.058	22.186	34.492	36.171	27.411	29.905	36.562
10/24/12 19:20	38.500	38.518	33.206	12/20/12 3:00	38.104	22.219	34.520	36.189	27.462	29.934	36.586
10/24/12 19:40	38.531	38.581	33.217	12/20/12 4:00	38.142	22.272	34.566	36.231	27.513	29.983	36.628
10/24/12 20:00	38.631	38.700	33.229	12/20/12 5:00	38.162	22.321	34.611	36.262	27.546	30.029	36.670
10/24/12 20:20	38.575	38.679	33.321	12/20/12 6:00	38.160	22.342	34.648	36.280	27.567	30.069	36.707
10/24/12 20:40	38.516	38.532	33.278	12/20/12 7:00	38.172	22.354	34.666	36.278	27.595	30.088	36.733
10/24/12 21:00	38.479	38.544	33.274	12/20/12 8:00	38.179	22.377	34.694	36.290	27.626	30.118	36.763
10/24/12 21:20	38.519	38.583	33.269	12/20/12 9:00	38.181	22.393	34.727	36.294	27.649	30.149	36.792
10/24/12 21:40	38.635	38.674	33.278	12/20/12 10:00	38.195	22.412	34.748	36.297	27.682	30.172	36.810
10/24/12 22:00	38.719	38.827	33.283	12/20/12 11:00	38.193	22.438	34.776	36.308	27.703	30.205	36.838
10/24/12 22:20	38.626	38.686	33.283	12/20/12 12:00	38.195	22.456	34.795	36.311	27.724	30.221	36.855
10/24/12 22:40	38.519	38.464	33.285	12/20/12 13:00	38.172	22.463	34.815	36.313	27.747	30.247	36.871
10/24/12 23:00	38.666	38.700	33.285	12/20/12 14:00	38.151	22.454	34.906	36.294	27.824	30.277	36.918
10/24/12 23:20	38.654	38.742	33.271	12/20/12 15:00	38.132	22.454	35.076	36.280	27.826	30.368	37.009
10/24/12 23:40	38.391	38.296	33.278	12/20/12 16:00	38.111	22.456	35.046	36.266	27.817	30.357	37.028
10/25/12 0:00	38.712	38.822	33.290	12/20/12 17:00	38.095	22.454	35.000	36.250	27.848	30.385	37.056
10/25/12 0:20	38.782	38.918	33.311	12/20/12 18:00	38.072	22.466	35.088	36.238	27.819	30.385	37.051
10/25/12 0:40	38.699	38.754	33.307	12/20/12 19:00	38.067	22.449	35.002	36.222	27.829	30.392	37.056
10/25/12 1:00	38.803	38.939	33.307	12/20/12 20:00	38.067	22.473	35.009	36.215	27.808	30.382	37.023
10/25/12 1:20	38.873	38.969	33.323	12/20/12 21:00	38.060	22.491	34.944	36.217	27.798	30.354	36.995
10/25/12 1:40	38.962	39.100	33.332	12/20/12 22:00	38.041	22.491	34.918	36.210	27.787	30.338	36.967
10/25/12 2:00	39.020	39.191	33.351	12/20/12 23:00	38.034	22.482	34.909	36.194	27.775	30.329	36.955
10/25/12 2:20	39.004	39.170	33.370	12/21/12 0:00	38.034	22.489	34.885	36.192	27.773	30.312	36.932

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/25/12 2:40	39.013	39.149	33.391	12/21/12 1:00	38.030	22.503	34.876	36.189	27.768	30.310	36.920
10/25/12 3:00	39.016	39.151	33.417	12/21/12 2:00	38.016	22.508	34.869	36.187	27.756	30.303	36.908
10/25/12 3:20	39.023	39.175	33.438	12/21/12 3:00	37.997	22.505	34.855	36.175	27.742	30.291	36.901
10/25/12 3:40	39.018	39.126	33.450	12/21/12 4:00	37.992	22.503	34.841	36.161	27.738	30.277	36.892
10/25/12 4:00	39.032	39.133	33.464	12/21/12 5:00	37.983	22.512	34.839	36.157	27.726	30.270	36.885
10/25/12 4:20	39.023	39.133	33.478	12/21/12 6:00	37.972	22.505	34.825	36.147	27.714	30.263	36.878
10/25/12 4:40	39.039	39.158	33.492	12/21/12 7:00	37.972	22.508	34.818	36.138	27.714	30.249	36.871
10/25/12 5:00	39.027	39.123	33.504	12/21/12 8:00	37.983	22.517	34.811	36.138	27.719	30.244	36.866
10/25/12 5:20	39.039	39.121	33.518	12/21/12 9:00	37.979	22.533	34.815	36.147	27.724	30.251	36.866
10/25/12 5:40	39.046	39.161	33.529	12/21/12 10:00	37.992	22.533	34.827	36.143	27.733	30.258	36.883
10/25/12 6:00	39.118	39.252	33.550	12/21/12 11:00	37.990	22.554	34.829	36.154	27.728	30.263	36.878
10/25/12 6:20	39.081	39.212	33.562	12/21/12 12:00	37.990	22.554	34.846	36.154	27.731	30.258	36.876
10/25/12 6:40	39.081	39.203	33.579	12/21/12 13:00	37.955	22.556	34.832	36.152	27.705	30.265	36.885
10/25/12 7:00	39.158	39.308	33.590	12/21/12 14:00	37.918	22.526	34.820	36.122	27.675	30.251	36.883
10/25/12 7:20	39.116	39.203	33.609	12/21/12 15:00	37.895	22.498	34.795	36.094	27.644	30.221	36.869
10/25/12 7:40	39.118	39.254	33.630	12/21/12 16:00	37.881	22.489	34.760	36.075	27.672	30.186	36.836
10/25/12 8:00	39.079	39.121	33.651	12/21/12 17:00	37.876	22.484	34.874	36.063	27.766	30.214	36.862
10/25/12 8:20	39.218	39.366	33.665	12/21/12 18:00	37.881	22.482	35.125	36.061	27.733	30.317	36.960
10/25/12 8:40	39.228	39.371	33.679	12/21/12 19:00	37.881	22.487	34.969	36.066	27.712	30.333	37.016
10/25/12 9:00	39.244	39.359	33.759	12/21/12 20:00	37.892	22.491	34.920	36.066	27.677	30.296	36.967
10/25/12 9:20	39.284	39.415	33.745	12/21/12 21:00	37.892	22.496	34.834	36.073	27.654	30.237	36.890
10/25/12 9:40	39.291	39.432	33.755	12/21/12 22:00	37.890	22.496	34.792	36.073	27.635	30.207	36.845
10/25/12 10:00	39.288	39.439	33.762	12/21/12 23:00	37.874	22.487	34.760	36.070	27.607	30.184	36.817
10/25/12 10:20	39.314	39.446	33.773	12/22/12 0:00	37.862	22.473	34.727	36.056	27.579	30.156	36.789
10/25/12 10:40	39.284	39.411	33.785	12/22/12 1:00	37.855	22.456	34.699	36.047	27.565	30.130	36.761
10/25/12 11:00	39.333	39.453	33.794	12/22/12 2:00	37.832	22.447	34.692	36.038	27.530	30.118	36.754
10/25/12 11:20	39.319	39.458	33.797	12/22/12 3:00	37.825	22.417	34.655	36.017	27.513	30.078	36.724
10/25/12 11:40	39.351	39.502	33.801	12/22/12 4:00	37.827	22.412	34.631	36.014	27.497	30.060	36.703
10/25/12 12:00	39.396	39.558	33.811	12/22/12 5:00	37.813	22.407	34.617	36.014	27.471	30.043	36.689
10/25/12 12:20	39.384	39.539	33.818	12/22/12 6:00	37.797	22.391	34.590	36.000	27.443	30.015	36.670
10/25/12 12:40	39.396	39.556	33.827	12/22/12 7:00	37.802	22.363	34.566	35.986	27.436	29.990	36.651
10/25/12 13:00	39.449	39.614	33.877	12/22/12 8:00	37.802	22.370	34.557	35.989	27.418	29.978	36.639
10/25/12 13:20	39.424	39.577	33.855	12/22/12 9:00	37.815	22.361	34.538	35.989	27.425	29.964	36.628
10/25/12 13:40	39.419	39.556	33.851	12/22/12 10:00	37.839	22.379	34.545	35.998	27.439	29.962	36.625

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/25/12 14:00	39.419	39.588	33.851	12/22/12 11:00	37.827	22.386	34.566	36.021	27.425	29.985	36.647
10/25/12 14:20	39.393	39.537	33.851	12/22/12 12:00	37.848	22.372	34.550	36.010	27.425	29.964	36.642
10/25/12 14:40	39.400	39.558	33.853	12/22/12 13:00	37.827	22.377	34.548	36.026	27.399	29.971	36.639
10/25/12 15:00	39.344	39.500	33.846	12/22/12 14:00	37.802	22.358	34.529	36.010	27.378	29.945	36.625
10/25/12 15:20	39.335	39.462	33.848	12/22/12 15:00	37.788	22.323	34.527	35.986	27.352	29.934	36.618
10/25/12 15:40	39.393	39.549	33.848	12/22/12 16:00	37.783	22.307	34.522	35.975	27.340	29.898	36.597
10/25/12 16:00	39.330	39.434	33.935	12/22/12 17:00	37.808	22.305	34.487	35.972	27.359	29.889	36.593
10/25/12 16:20	39.335	39.432	33.884	12/22/12 18:00	37.834	22.330	34.515	35.993	27.408	29.912	36.593
10/25/12 16:40	39.319	39.418	33.877	12/22/12 19:00	37.855	22.344	34.634	36.014	27.497	29.934	36.609
10/25/12 17:00	39.265	39.371	33.877	12/22/12 20:00	37.869	22.349	34.829	36.033	27.478	30.053	36.761
10/25/12 17:20	39.190	39.277	33.872	12/22/12 21:00	37.885	22.351	34.699	36.045	27.488	30.064	36.782
10/25/12 17:40	39.204	39.161	33.869	12/22/12 22:00	37.890	22.358	34.727	36.059	27.462	30.043	36.745
10/25/12 18:00	39.067	39.142	33.874	12/22/12 23:00	37.888	22.356	34.641	36.061	27.455	30.034	36.726
10/25/12 18:20	39.214	39.291	33.874	12/23/12 0:00	37.902	22.351	34.624	36.059	27.446	30.018	36.703
10/25/12 18:40	38.976	38.861	33.879	12/23/12 1:00	37.920	22.361	34.592	36.070	27.453	29.997	36.668
10/25/12 19:00	38.829	38.721	33.872	12/23/12 2:00	37.923	22.382	34.583	36.084	27.446	29.994	36.656
10/25/12 19:20	38.766	38.654	33.862	12/23/12 3:00	37.920	22.377	34.571	36.087	27.429	29.987	36.644
10/25/12 19:40	38.726	38.607	33.877	12/23/12 4:00	37.925	22.358	34.555	36.084	27.436	29.978	36.635
10/25/12 20:00	38.715	38.602	33.886	12/23/12 5:00	37.920	22.372	34.557	36.089	27.427	29.978	36.635
10/25/12 20:20	38.689	38.574	33.855	12/23/12 6:00	37.913	22.356	34.550	36.084	27.418	29.969	36.630
10/25/12 20:40	38.670	38.555	33.841	12/23/12 7:00	37.902	22.354	34.541	36.077	27.408	29.959	36.628
10/25/12 21:00	38.652	38.537	33.827	12/23/12 8:00	37.906	22.340	34.534	36.068	27.425	29.948	36.625
10/25/12 21:20	38.652	38.534	33.820	12/23/12 9:00	37.923	22.340	34.566	36.073	27.429	29.971	36.637
10/25/12 21:40	38.724	38.651	33.823	12/23/12 10:00	37.920	22.370	34.555	36.087	27.425	29.969	36.642
10/25/12 22:00	38.659	38.544	33.823	12/23/12 11:00	37.925	22.356	34.548	36.084	27.427	29.962	36.637
10/25/12 22:20	38.640	38.523	33.820	12/23/12 12:00	37.946	22.361	34.548	36.089	27.441	29.966	36.639
10/25/12 22:40	38.633	38.516	33.820	12/23/12 13:00	37.913	22.382	34.559	36.108	27.411	29.978	36.649
10/25/12 23:00	38.626	38.509	33.820	12/23/12 14:00	37.874	22.335	34.534	36.077	27.397	29.955	36.637
10/25/12 23:20	38.684	38.625	33.816	12/23/12 15:00	37.864	22.312	34.541	36.047	27.450	29.943	36.642
10/25/12 23:40	38.633	38.518	33.818	12/23/12 16:00	37.848	22.291	34.736	36.042	27.467	29.994	36.679
10/26/12 0:00	38.619	38.502	33.816	12/23/12 17:00	37.857	22.286	34.795	36.028	27.488	30.011	36.738
10/26/12 0:20	38.614	38.497	33.813	12/23/12 18:00	37.883	22.298	34.795	36.038	27.497	30.060	36.780
10/26/12 0:40	38.610	38.495	33.813	12/23/12 19:00	37.888	22.321	34.734	36.059	27.469	30.074	36.780
10/26/12 1:00	38.668	38.609	33.808	12/23/12 20:00	37.897	22.316	34.673	36.061	27.455	30.050	36.745

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/26/12 1:20	38.988	39.030	33.816	12/23/12 21:00	37.913	22.330	34.615	36.066	27.446	30.008	36.703
10/26/12 1:40	38.995	39.079	33.825	12/23/12 22:00	37.944	22.333	34.594	36.084	27.478	30.006	36.679
10/26/12 2:00	38.927	38.878	33.839	12/23/12 23:00	37.939	22.356	34.643	36.103	27.474	30.036	36.689
10/26/12 2:20	38.981	39.009	33.844	12/24/12 0:00	37.955	22.377	34.611	36.101	27.474	30.013	36.684
10/26/12 2:40	38.981	38.974	33.848	12/24/12 1:00	37.969	22.370	34.601	36.115	27.483	30.020	36.679
10/26/12 3:00	38.796	38.754	33.853	12/24/12 2:00	37.951	22.384	34.606	36.124	27.462	30.022	36.677
10/26/12 3:20	38.757	38.658	33.853	12/24/12 3:00	37.953	22.368	34.590	36.112	27.476	30.008	36.668
10/26/12 3:40	38.899	38.927	33.851	12/24/12 4:00	37.981	22.384	34.592	36.112	27.492	30.004	36.668
10/26/12 4:00	38.743	38.600	33.853	12/24/12 5:00	37.972	22.410	34.604	36.136	27.483	30.027	36.675
10/26/12 4:20	38.768	38.679	33.853	12/24/12 6:00	37.979	22.393	34.599	36.129	27.497	30.022	36.677
10/26/12 4:40	38.932	38.985	33.858	12/24/12 7:00	37.983	22.412	34.611	36.136	27.497	30.027	36.686
10/26/12 5:00	38.834	38.894	33.851	12/24/12 8:00	37.972	22.412	34.611	36.138	27.495	30.036	36.693
10/26/12 5:20	38.815	38.731	33.855	12/24/12 9:00	37.969	22.417	34.615	36.131	27.497	30.034	36.698
10/26/12 5:40	38.932	38.946	33.858	12/24/12 10:00	37.965	22.412	34.615	36.129	27.527	30.036	36.707
10/26/12 6:00	39.055	39.135	33.860	12/24/12 11:00	37.976	22.433	34.669	36.122	27.518	30.053	36.724
10/26/12 6:20	39.030	39.013	33.869	12/24/12 12:00	37.979	22.431	34.638	36.133	27.523	30.053	36.726
10/26/12 6:40	39.139	39.203	33.884	12/24/12 13:00	37.967	22.447	34.641	36.136	27.518	30.057	36.726
10/26/12 7:00	39.093	39.179	33.895	12/24/12 14:00	37.927	22.435	34.636	36.126	27.495	30.053	36.724
10/26/12 7:20	38.925	38.941	33.907	12/24/12 15:00	37.899	22.398	34.636	36.094	27.502	30.046	36.735
10/26/12 7:40	38.887	38.798	33.914	12/24/12 16:00	37.899	22.377	34.722	36.070	27.630	30.032	36.726
10/26/12 8:00	38.747	38.630	33.914	12/24/12 17:00	37.892	22.386	35.009	36.080	27.560	30.172	36.880
10/26/12 8:20	38.733	38.614	34.083	12/24/12 18:00	37.892	22.382	34.792	36.080	27.595	30.144	36.899
10/26/12 8:40	38.715	38.600	33.940	12/24/12 19:00	37.897	22.386	34.911	36.075	27.553	30.153	36.887
10/26/12 9:00	38.778	38.719	33.921	12/24/12 20:00	37.911	22.389	34.753	36.077	27.539	30.130	36.848
10/26/12 9:20	38.820	38.646	33.921	12/24/12 21:00	37.923	22.407	34.704	36.087	27.532	30.097	36.787
10/26/12 9:40	38.964	38.962	33.919	12/24/12 22:00	37.937	22.412	34.680	36.096	27.532	30.083	36.756
10/26/12 10:00	38.855	38.882	33.923	12/24/12 23:00	37.955	22.424	34.669	36.105	27.541	30.081	36.742
10/26/12 10:20	38.925	38.847	33.928	12/25/12 0:00	37.965	22.445	34.671	36.122	27.546	30.083	36.738
10/26/12 10:40	38.906	38.971	33.930	12/25/12 1:00	37.969	22.454	34.666	36.129	27.555	30.083	36.735
10/26/12 11:00	38.911	38.854	33.935	12/25/12 2:00	37.981	22.447	34.683	36.133	27.558	30.099	36.747
10/26/12 11:20	39.051	39.112	33.937	12/25/12 3:00	37.988	22.461	34.676	36.138	27.562	30.095	36.740
10/26/12 11:40	38.789	38.674	33.940	12/25/12 4:00	38.009	22.480	34.673	36.145	27.579	30.099	36.740
10/26/12 12:00	38.815	38.768	33.933	12/25/12 5:00	37.997	22.494	34.683	36.161	27.570	30.109	36.745
10/26/12 12:20	38.761	38.660	33.926	12/25/12 6:00	37.997	22.482	34.676	36.152	27.579	30.107	36.745

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/26/12 12:40	38.822	38.738	33.914	12/25/12 7:00	38.025	22.498	34.685	36.152	27.604	30.104	36.749
10/26/12 13:00	38.733	38.663	33.898	12/25/12 8:00	38.023	22.531	34.706	36.178	27.607	30.130	36.766
10/26/12 13:20	38.736	38.651	33.940	12/25/12 9:00	38.044	22.526	34.711	36.178	27.633	30.137	36.775
10/26/12 13:40	38.705	38.597	33.902	12/25/12 10:00	38.079	22.552	34.732	36.194	27.670	30.158	36.796
10/26/12 14:00	38.780	38.705	33.879	12/25/12 11:00	38.069	22.580	34.767	36.220	27.668	30.193	36.824
10/26/12 14:20	38.764	38.754	33.867	12/25/12 12:00	38.060	22.575	34.767	36.215	27.672	30.202	36.834
10/26/12 14:40	38.985	39.051	33.860	12/25/12 13:00	38.027	22.580	34.774	36.208	27.661	30.202	36.843
10/26/12 15:00	38.983	39.016	33.853	12/25/12 14:00	38.039	22.564	34.776	36.182	27.675	30.193	36.848
10/26/12 15:20	38.971	38.957	33.855	12/25/12 15:00	38.046	22.582	34.781	36.189	27.691	30.198	36.850
10/26/12 15:40	38.950	38.941	33.853	12/25/12 16:00	38.065	22.608	34.792	36.199	27.724	30.214	36.859
10/26/12 16:00	38.969	38.976	33.905	12/25/12 17:00	38.051	22.617	34.834	36.213	27.714	30.254	36.892
10/26/12 16:20	38.955	38.974	33.881	12/25/12 18:00	38.034	22.608	34.822	36.203	27.710	30.247	36.892
10/26/12 16:40	38.962	38.922	33.855	12/25/12 19:00	38.020	22.608	34.822	36.192	27.822	30.242	36.894
10/26/12 17:00	38.920	38.831	33.844	12/25/12 20:00	38.023	22.601	35.132	36.178	27.826	30.375	37.023
10/26/12 17:20	38.990	39.042	33.832	12/25/12 21:00	38.013	22.612	35.072	36.185	27.805	30.382	37.063
10/26/12 17:40	39.002	39.037	33.832	12/25/12 22:00	37.997	22.617	35.018	36.178	27.808	30.352	37.037
10/26/12 18:00	38.771	38.693	33.832	12/25/12 23:00	37.976	22.608	35.055	36.164	27.780	30.375	37.056
10/26/12 18:20	38.710	38.602	33.830	12/26/12 0:00	37.972	22.598	34.967	36.150	27.763	30.350	37.016
10/26/12 18:40	38.640	38.523	33.816	12/26/12 1:00	37.976	22.601	34.927	36.143	27.752	30.322	36.988
10/26/12 19:00	38.607	38.492	33.806	12/26/12 2:00	37.962	22.598	34.902	36.145	27.740	30.312	36.962
10/26/12 19:20	38.589	38.473	33.797	12/26/12 3:00	37.967	22.601	34.888	36.136	27.738	30.298	36.941
10/26/12 19:40	38.572	38.455	33.787	12/26/12 4:00	37.953	22.608	34.874	36.140	27.721	30.289	36.927
10/26/12 20:00	38.561	38.446	33.780	12/26/12 5:00	37.927	22.601	34.860	36.126	27.684	30.275	36.911
10/26/12 20:20	38.549	38.429	33.771	12/26/12 6:00	37.874	22.580	34.811	36.105	27.635	30.237	36.873
10/26/12 20:40	38.538	38.420	33.764	12/26/12 7:00	37.885	22.543	34.767	36.059	27.635	30.179	36.836
10/26/12 21:00	38.528	38.413	33.752	12/26/12 8:00	37.916	22.559	34.757	36.068	27.654	30.174	36.820
10/26/12 21:20	38.523	38.406	33.750	12/26/12 9:00	37.920	22.591	34.769	36.096	27.640	30.186	36.822
10/26/12 21:40	38.519	38.403	33.743	12/26/12 10:00	37.902	22.580	34.755	36.098	27.633	30.186	36.822
10/26/12 22:00	38.519	38.399	33.743	12/26/12 11:00	37.909	22.573	34.760	36.080	27.619	30.174	36.827
10/26/12 22:20	38.514	38.394	33.738	12/26/12 12:00	37.895	22.561	34.741	36.084	27.640	30.167	36.813
10/26/12 22:40	38.505	38.387	33.733	12/26/12 13:00	37.867	22.554	34.804	36.070	27.644	30.202	36.852
10/26/12 23:00	38.503	38.385	33.726	12/26/12 14:00	37.843	22.529	34.860	36.047	27.579	30.209	36.873
10/26/12 23:20	38.493	38.375	33.719	12/26/12 15:00	37.818	22.501	34.734	36.024	27.532	30.137	36.817
10/26/12 23:40	38.493	38.373	33.717	12/26/12 16:00	37.788	22.477	34.676	35.996	27.518	30.088	36.763

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/27/12 0:00	38.507	38.392	33.780	12/26/12 17:00	37.808	22.456	34.685	35.984	27.595	30.078	36.749
10/27/12 0:20	38.493	38.375	33.733	12/26/12 18:00	37.804	22.473	34.878	36.005	27.612	30.163	36.829
10/27/12 0:40	38.482	38.366	33.715	12/26/12 19:00	37.799	22.452	34.906	36.000	27.558	30.200	36.883
10/27/12 1:00	38.470	38.354	33.698	12/26/12 20:00	37.806	22.449	34.774	35.998	27.537	30.146	36.836
10/27/12 1:20	38.468	38.350	33.689	12/26/12 21:00	37.815	22.447	34.722	36.003	27.602	30.104	36.799
10/27/12 1:40	38.456	38.336	33.679	12/26/12 22:00	37.813	22.447	34.918	36.010	27.647	30.170	36.843
10/27/12 2:00	38.447	38.329	33.668	12/26/12 23:00	37.799	22.431	35.032	36.010	27.665	30.244	36.937
10/27/12 2:20	38.440	38.322	33.658	12/27/12 0:00	37.808	22.407	35.072	36.000	27.691	30.275	36.990
10/27/12 2:40	38.430	38.315	33.649	12/27/12 1:00	37.799	22.421	35.104	36.007	27.696	30.308	37.018
10/27/12 3:00	38.430	38.312	33.647	12/27/12 2:00	37.783	22.410	35.121	35.998	27.682	30.305	37.018
10/27/12 3:20	38.423	38.303	33.642	12/27/12 3:00	37.783	22.375	35.111	35.984	27.679	30.305	37.011
10/27/12 3:40	38.421	38.303	33.637	12/27/12 4:00	37.792	22.365	35.097	35.984	27.689	30.310	37.004
10/27/12 4:00	38.416	38.301	33.635	12/27/12 5:00	37.776	22.368	35.114	35.991	27.670	30.308	36.993
10/27/12 4:20	38.409	38.291	33.628	12/27/12 6:00	37.774	22.340	35.104	35.979	27.668	30.301	36.976
10/27/12 4:40	38.409	38.291	33.626	12/27/12 7:00	37.762	22.333	35.093	35.977	27.654	30.296	36.965
10/27/12 5:00	38.407	38.289	33.621	12/27/12 8:00	37.764	22.310	35.067	35.968	27.658	30.286	36.955
10/27/12 5:20	38.407	38.289	33.621	12/27/12 9:00	37.790	22.317	35.079	35.970	27.675	30.282	36.946
10/27/12 5:40	38.405	38.284	33.621	12/27/12 10:00	37.790	22.326	35.104	35.991	27.663	30.303	36.951
10/27/12 6:00	38.409	38.291	33.621	12/27/12 11:00	37.811	22.316	35.081	35.991	27.682	30.296	36.941
10/27/12 6:20	38.407	38.287	33.621	12/27/12 12:00	37.827	22.328	35.086	36.010	27.693	30.305	36.941
10/27/12 6:40	38.409	38.289	33.623	12/27/12 13:00	37.813	22.326	35.102	36.021	27.675	30.322	36.946
10/27/12 7:00	38.412	38.294	33.621	12/27/12 14:00	37.790	22.303	35.095	36.010	27.651	30.303	36.937
10/27/12 7:20	38.421	38.298	33.623	12/27/12 15:00	37.790	22.272	35.065	35.989	27.654	30.282	36.915
10/27/12 7:40	38.423	38.305	33.623	12/27/12 16:00	37.804	22.268	35.060	35.991	27.696	30.277	36.908
10/27/12 8:00	38.426	38.308	33.623	12/27/12 17:00	37.825	22.279	35.170	36.003	27.892	30.336	36.951
10/27/12 8:20	38.419	38.298	33.618	12/27/12 18:00	37.857	22.291	35.638	36.024	27.866	30.539	37.168
10/27/12 8:40	38.419	38.298	33.616	12/27/12 19:00	37.878	22.312	35.463	36.052	27.955	30.534	37.194
10/27/12 9:00	38.414	38.296	33.614	12/27/12 20:00	37.906	22.319	35.582	36.070	27.880	30.684	37.290
10/27/12 9:20	38.419	38.298	33.614	12/27/12 21:00	37.918	22.340	35.333	36.091	27.857	30.541	37.168
10/27/12 9:40	38.416	38.298	33.611	12/27/12 22:00	37.920	22.340	35.270	36.101	27.838	30.495	37.082
10/27/12 10:00	38.423	38.298	33.801	12/27/12 23:00	37.930	22.337	35.239	36.103	27.833	30.466	37.039
10/27/12 10:20	38.433	38.315	33.651	12/28/12 0:00	37.939	22.342	35.207	36.112	27.841	30.457	37.021
10/27/12 10:40	38.428	38.308	33.628	12/28/12 1:00	37.948	22.354	35.195	36.119	27.848	30.459	37.014
10/27/12 11:00	38.414	38.296	33.609	12/28/12 2:00	37.951	22.363	35.193	36.126	27.845	30.462	37.011

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/27/12 11:20	38.496	38.364	33.595	12/28/12 3:00	37.953	22.356	35.200	36.126	27.848	30.457	37.002
10/27/12 11:40	38.409	38.289	33.590	12/28/12 4:00	37.962	22.363	35.207	36.131	27.852	30.457	36.997
10/27/12 12:00	38.398	38.279	33.583	12/28/12 5:00	37.962	22.372	35.198	36.138	27.855	30.459	36.995
10/27/12 12:20	38.402	38.291	33.579	12/28/12 6:00	37.955	22.368	35.181	36.138	27.852	30.462	36.993
10/27/12 12:40	38.388	38.270	33.569	12/28/12 7:00	37.953	22.368	35.179	36.133	27.855	30.459	36.988
10/27/12 13:00	38.377	38.258	33.560	12/28/12 8:00	37.969	22.365	35.195	36.129	27.864	30.455	36.990
10/27/12 13:20	38.365	38.247	33.548	12/28/12 9:00	37.974	22.384	35.198	36.145	27.883	30.471	37.000
10/27/12 13:40	38.379	38.261	33.586	12/28/12 10:00	37.979	22.393	35.221	36.150	27.890	30.485	37.014
10/27/12 14:00	38.374	38.258	33.548	12/28/12 11:00	37.988	22.398	35.216	36.152	27.901	30.490	37.023
10/27/12 14:20	38.356	38.235	33.529	12/28/12 12:00	37.999	22.417	35.225	36.161	27.934	30.497	37.030
10/27/12 14:40	38.346	38.228	33.515	12/28/12 13:00	37.974	22.428	35.244	36.168	27.824	30.583	37.112
10/27/12 15:00	38.335	38.214	33.506	12/28/12 14:00	37.944	22.400	35.020	36.150	28.086	30.420	36.967
10/27/12 15:20	38.323	38.205	33.494	12/28/12 15:00	37.932	22.379	35.764	36.129	28.044	30.691	37.184
10/27/12 15:40	38.309	38.193	33.480	12/28/12 16:00	37.937	22.382	35.556	36.122	28.072	30.724	37.308
10/27/12 16:00	38.302	38.184	33.475	12/28/12 17:00	37.944	22.389	35.640	36.126	28.135	30.721	37.257
10/27/12 16:20	38.297	38.177	33.468	12/28/12 18:00	37.967	22.403	35.743	36.133	28.051	30.789	37.360
10/27/12 16:40	38.288	38.170	33.461	12/28/12 19:00	37.978	22.433	35.430	36.150	28.011	30.693	37.276
10/27/12 17:00	38.293	38.167	33.454	12/28/12 20:00	37.997	22.445	35.335	36.159	27.950	30.600	37.124
10/27/12 17:20	38.288	38.170	33.452	12/28/12 21:00	37.997	22.463	35.151	36.175	27.913	30.546	37.044
10/27/12 17:40	38.281	38.160	33.450	12/28/12 22:00	38.002	22.466	35.083	36.173	27.906	30.497	36.979
10/27/12 18:00	38.279	38.158	33.447	12/28/12 23:00	38.002	22.473	35.081	36.178	27.866	30.452	36.934
10/27/12 18:20	38.279	38.160	33.443	12/29/12 0:00	38.002	22.475	34.993	36.173	27.848	30.429	36.908
10/27/12 18:40	38.297	38.177	33.492	12/29/12 1:00	38.009	22.480	34.960	36.175	27.838	30.399	36.883
10/27/12 19:00	38.293	38.174	33.468	12/29/12 2:00	38.009	22.491	34.939	36.178	27.843	30.385	36.869
10/27/12 19:20	38.293	38.172	33.464	12/29/12 3:00	38.006	22.494	34.983	36.178	27.817	30.368	36.859
10/27/12 19:40	38.295	38.174	33.464	12/29/12 4:00	38.020	22.496	34.916	36.173	27.822	30.364	36.857
10/27/12 20:00	38.295	38.174	33.464	12/29/12 5:00	38.032	22.522	34.906	36.187	27.815	30.352	36.848
10/27/12 20:20	38.295	38.177	33.461	12/29/12 6:00	38.013	22.531	34.895	36.196	27.796	30.352	36.841
10/27/12 20:40	38.297	38.174	33.459	12/29/12 7:00	38.006	22.524	34.876	36.178	27.784	30.329	36.831
10/27/12 21:00	38.300	38.177	33.459	12/29/12 8:00	38.025	22.524	34.864	36.173	27.799	30.317	36.824
10/27/12 21:20	38.300	38.179	33.459	12/29/12 9:00	38.027	22.547	34.874	36.189	27.819	30.326	36.831
10/27/12 21:40	38.302	38.181	33.461	12/29/12 10:00	38.048	22.554	34.925	36.187	27.822	30.329	36.845
10/27/12 22:00	38.304	38.181	33.461	12/29/12 11:00	38.055	22.585	34.902	36.206	27.829	30.350	36.869
10/27/12 22:20	38.304	38.184	33.461	12/29/12 12:00	38.041	22.589	34.906	36.210	27.848	30.354	36.878

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/27/12 22:40	38.304	38.184	33.464	12/29/12 13:00	38.027	22.585	35.020	36.199	28.011	30.345	36.885
10/27/12 23:00	38.311	38.191	33.466	12/29/12 14:00	38.002	22.575	35.419	36.192	28.112	30.572	37.112
10/27/12 23:20	38.309	38.191	33.471	12/29/12 15:00	37.962	22.559	35.663	36.173	27.990	30.717	37.299
10/27/12 23:40	38.311	38.188	33.471	12/29/12 16:00	37.953	22.536	35.337	36.145	27.941	30.614	37.259
10/28/12 0:00	38.309	38.191	33.466	12/29/12 17:00	37.958	22.543	35.181	36.140	27.939	30.546	37.140
10/28/12 0:20	38.304	38.184	33.464	12/29/12 18:00	37.953	22.547	35.216	36.143	27.955	30.481	37.049
10/28/12 0:40	38.307	38.188	33.464	12/29/12 19:00	37.946	22.552	35.237	36.138	27.897	30.565	37.117
10/28/12 1:00	38.302	38.184	33.461	12/29/12 20:00	37.962	22.557	35.074	36.131	27.883	30.471	37.042
10/28/12 1:20	38.304	38.184	33.459	12/29/12 21:00	37.955	22.573	35.034	36.145	27.852	30.448	36.993
10/28/12 1:40	38.302	38.184	33.457	12/29/12 22:00	37.946	22.573	34.976	36.136	27.820	30.401	36.941
10/28/12 2:00	38.302	38.179	33.457	12/29/12 23:00	37.944	22.561	34.934	36.126	27.805	30.368	36.906
10/28/12 2:20	38.321	38.200	33.567	12/30/12 0:00	37.955	22.564	34.911	36.126	27.808	30.350	36.887
10/28/12 2:40	38.314	38.193	33.489	12/30/12 1:00	37.953	22.585	34.934	36.136	27.794	30.338	36.878
10/28/12 3:00	38.309	38.188	33.473	12/30/12 2:00	37.909	22.578	34.895	36.131	27.740	30.333	36.878
10/28/12 3:20	38.304	38.184	33.466	12/30/12 3:00	37.899	22.526	34.843	36.096	27.721	30.284	36.843
10/28/12 3:40	38.304	38.181	33.461	12/30/12 4:00	37.913	22.531	34.822	36.087	27.717	30.258	36.822
10/28/12 4:00	38.297	38.177	33.457	12/30/12 5:00	37.878	22.540	34.811	36.098	27.675	30.251	36.806
10/28/12 4:20	38.290	38.170	33.450	12/30/12 6:00	37.862	22.510	34.771	36.066	27.644	30.214	36.773
10/28/12 4:40	38.295	38.174	33.447	12/30/12 7:00	37.855	22.491	34.743	36.049	27.626	30.184	36.749
10/28/12 5:00	38.290	38.167	33.445	12/30/12 8:00	37.848	22.491	34.722	36.042	27.609	30.160	36.728
10/28/12 5:20	38.290	38.170	33.445	12/30/12 9:00	37.850	22.475	34.706	36.033	27.593	30.144	36.714
10/28/12 5:40	38.290	38.165	33.443	12/30/12 10:00	37.846	22.470	34.690	36.033	27.588	30.132	36.707
10/28/12 6:00	38.290	38.167	33.443	12/30/12 11:00	37.855	22.475	34.699	36.026	27.682	30.125	36.717
10/28/12 6:20	38.290	38.170	33.443	12/30/12 12:00	37.857	22.468	34.939	36.035	27.619	30.265	36.838
10/28/12 6:40	38.293	38.174	33.445	12/30/12 13:00	37.822	22.466	34.769	36.038	27.604	30.181	36.794
10/28/12 7:00	38.295	38.174	33.445	12/30/12 14:00	37.788	22.424	34.867	36.003	27.607	30.144	36.761
10/28/12 7:20	38.297	38.174	33.447	12/30/12 15:00	37.799	22.391	34.834	35.991	27.593	30.212	36.841
10/28/12 7:40	38.304	38.179	33.452	12/30/12 16:00	37.806	22.403	34.836	36.000	27.579	30.165	36.796
10/28/12 8:00	38.307	38.186	33.457	12/30/12 17:00	37.825	22.405	34.762	36.005	27.609	30.153	36.780
10/28/12 8:20	38.311	38.191	33.461	12/30/12 18:00	37.836	22.407	34.834	36.021	27.607	30.167	36.780
10/28/12 8:40	38.311	38.188	33.461	12/30/12 19:00	37.850	22.424	34.841	36.033	27.602	30.165	36.773
10/28/12 9:00	38.325	38.202	33.464	12/30/12 20:00	37.878	22.426	34.785	36.045	27.584	30.174	36.785
10/28/12 9:20	38.328	38.207	33.468	12/30/12 21:00	37.904	22.445	34.722	36.063	27.584	30.130	36.735
10/28/12 9:40	38.328	38.205	33.468	12/30/12 22:00	37.925	22.456	34.706	36.084	27.586	30.125	36.717

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/28/12 10:00	38.335	38.214	33.468	12/30/12 23:00	37.925	22.468	34.699	36.103	27.597	30.128	36.714
10/28/12 10:20	38.358	38.237	33.586	12/31/12 0:00	37.927	22.466	34.743	36.101	27.583	30.121	36.714
10/28/12 10:40	38.349	38.228	33.506	12/31/12 1:00	37.930	22.461	34.699	36.105	27.574	30.123	36.724
10/28/12 11:00	38.414	38.331	33.487	12/31/12 2:00	37.939	22.461	34.687	36.105	27.579	30.114	36.717
10/28/12 11:20	38.388	38.301	33.475	12/31/12 3:00	37.920	22.475	34.687	36.112	27.555	30.111	36.714
10/28/12 11:40	38.416	38.291	33.473	12/31/12 4:00	37.918	22.447	34.664	36.098	27.551	30.095	36.703
10/28/12 12:00	38.412	38.359	33.471	12/31/12 5:00	37.923	22.454	34.659	36.094	27.541	30.081	36.693
10/28/12 12:20	38.360	38.242	33.468	12/31/12 6:00	37.925	22.449	34.650	36.098	27.553	30.081	36.682
10/28/12 12:40	38.395	38.347	33.466	12/31/12 7:00	37.909	22.447	34.671	36.101	27.525	30.097	36.689
10/28/12 13:00	38.337	38.216	33.457	12/31/12 8:00	37.906	22.428	34.631	36.087	27.518	30.062	36.670
10/28/12 13:20	38.332	38.212	33.447	12/31/12 9:00	37.916	22.435	34.627	36.084	27.511	30.053	36.661
10/28/12 13:40	38.318	38.198	33.440	12/31/12 10:00	37.913	22.433	34.615	36.091	27.518	30.048	36.654
10/28/12 14:00	38.314	38.198	33.429	12/31/12 11:00	37.925	22.447	34.620	36.091	27.523	30.041	36.651
10/28/12 14:20	38.365	38.352	33.421	12/31/12 12:00	37.937	22.456	34.622	36.098	27.541	30.046	36.661
10/28/12 14:40	38.316	38.207	33.417	12/31/12 13:00	37.918	22.456	34.657	36.105	27.511	30.078	36.684
10/28/12 15:00	38.304	38.186	33.412	12/31/12 14:00	37.892	22.431	34.622	36.094	27.513	30.050	36.679
10/28/12 15:20	38.321	38.212	33.534	12/31/12 15:00	37.874	22.405	34.699	36.073	27.537	30.027	36.668
10/28/12 15:40	38.356	38.195	33.445	12/31/12 16:00	37.904	22.398	34.771	36.056	27.553	30.050	36.707
10/28/12 16:00	38.489	38.424	33.419	12/31/12 17:00	37.923	22.433	34.762	36.084	27.541	30.102	36.747
10/28/12 16:20	38.318	38.205	33.412	12/31/12 18:00	37.941	22.452	34.678	36.098	27.600	30.085	36.719
10/28/12 16:40	38.302	38.191	33.403	12/31/12 19:00	37.955	22.459	34.857	36.112	27.588	30.114	36.721
10/28/12 17:00	38.290	38.174	33.391	12/31/12 20:00	37.967	22.468	34.743	36.124	27.595	30.144	36.763
10/28/12 17:20	38.272	38.151	33.379	12/31/12 21:00	37.978	22.475	34.739	36.136	27.607	30.142	36.752
10/28/12 17:40	38.267	38.146	33.375	12/31/12 22:00	37.997	22.489	34.743	36.145	27.635	30.149	36.770
10/28/12 18:00	38.262	38.142	33.372	12/31/12 23:00	38.009	22.512	34.778	36.159	27.637	30.184	36.794
10/28/12 18:20	38.255	38.132	33.370	1/1/13 0:00	38.018	22.519	34.769	36.168	27.661	30.181	36.796
10/28/12 18:40	38.251	38.130	33.370	1/1/13 1:00	38.020	22.536	34.802	36.178	27.649	30.191	36.799
10/28/12 19:00	38.267	38.149	33.452	1/1/13 2:00	38.009	22.543	34.767	36.178	27.640	30.181	36.801
10/28/12 19:20	38.265	38.142	33.398	1/1/13 3:00	38.011	22.531	34.774	36.171	27.649	30.172	36.789
10/28/12 19:40	38.269	38.149	33.386	1/1/13 4:00	38.030	22.543	34.764	36.173	27.661	30.186	36.803
10/28/12 20:00	38.286	38.165	33.379	1/1/13 5:00	38.009	22.554	34.764	36.185	27.644	30.191	36.801
10/28/12 20:20	38.293	38.179	33.377	1/1/13 6:00	37.990	22.545	34.750	36.171	27.633	30.179	36.789
10/28/12 20:40	38.328	38.179	33.372	1/1/13 7:00	38.002	22.543	34.734	36.154	27.644	30.163	36.777
10/28/12 21:00	38.321	38.242	33.379	1/1/13 8:00	38.023	22.559	34.743	36.166	27.661	30.170	36.777

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/28/12 21:20	38.430	38.396	33.382	1/1/13 9:00	38.032	22.585	34.753	36.182	27.675	30.186	36.782
10/28/12 21:40	38.391	38.382	33.386	1/1/13 10:00	38.041	22.596	34.764	36.192	27.714	30.198	36.792
10/28/12 22:00	38.391	38.312	33.393	1/1/13 11:00	38.051	22.605	34.839	36.199	27.710	30.254	36.836
10/28/12 22:20	38.335	38.216	33.400	1/1/13 12:00	38.051	22.615	34.813	36.206	27.717	30.237	36.843
10/28/12 22:40	38.316	38.198	33.405	1/1/13 13:00	38.020	22.624	34.813	36.208	27.705	30.242	36.848
10/28/12 23:00	38.311	38.191	33.400	1/1/13 14:00	37.995	22.601	34.815	36.182	27.682	30.240	36.857
10/28/12 23:20	38.416	38.408	33.403	1/1/13 15:00	37.974	22.585	34.790	36.161	27.728	30.216	36.845
10/28/12 23:40	38.379	38.326	33.403	1/1/13 16:00	37.951	22.571	34.983	36.145	27.817	30.265	36.871
10/29/12 0:00	38.318	38.200	33.403	1/1/13 17:00	37.939	22.571	35.174	36.129	27.787	30.413	37.053
10/29/12 0:20	38.421	38.265	33.398	1/1/13 18:00	37.937	22.571	35.079	36.122	27.782	30.368	37.032
10/29/12 0:40	38.353	38.279	33.398	1/1/13 19:00	37.925	22.573	35.044	36.119	27.738	30.352	36.995
10/29/12 1:00	38.316	38.200	33.398	1/1/13 20:00	37.923	22.561	34.937	36.108	27.710	30.312	36.958
10/29/12 1:20	38.302	38.181	33.583	1/1/13 21:00	37.916	22.561	34.874	36.108	27.679	30.270	36.901
10/29/12 1:40	38.370	38.277	33.433	1/1/13 22:00	37.904	22.552	34.818	36.101	27.656	30.235	36.850
10/29/12 2:00	38.321	38.212	33.412	1/1/13 23:00	37.906	22.557	34.785	36.091	27.644	30.205	36.815
10/29/12 2:20	38.330	38.226	33.405	1/2/13 0:00	37.923	22.557	34.767	36.094	27.642	30.186	36.794
10/29/12 2:40	38.311	38.228	33.396	1/2/13 1:00	37.932	22.568	34.755	36.103	27.637	30.184	36.787
10/29/12 3:00	38.297	38.216	33.384	1/2/13 2:00	37.892	22.571	34.748	36.110	27.597	30.179	36.780
10/29/12 3:20	38.272	38.151	33.379	1/2/13 3:00	37.876	22.531	34.713	36.080	27.572	30.144	36.761
10/29/12 3:40	38.274	38.156	33.375	1/2/13 4:00	37.878	22.512	34.687	36.063	27.563	30.116	36.742
10/29/12 4:00	38.267	38.156	33.372	1/2/13 5:00	37.869	22.519	34.676	36.066	27.546	30.107	36.731
10/29/12 4:20	38.253	38.130	33.365	1/2/13 6:00	37.850	22.505	34.659	36.059	27.525	30.090	36.712
10/29/12 4:40	38.246	38.125	33.360	1/2/13 7:00	37.862	22.498	34.638	36.040	27.516	30.062	36.691
10/29/12 5:00	38.241	38.121	33.356	1/2/13 8:00	37.843	22.503	34.627	36.049	27.492	30.055	36.677
10/29/12 5:20	38.237	38.116	33.353	1/2/13 9:00	37.869	22.480	34.608	36.035	27.506	30.034	36.661
10/29/12 5:40	38.237	38.116	33.353	1/2/13 10:00	37.897	22.501	34.617	36.056	27.530	30.039	36.661
10/29/12 6:00	38.234	38.114	33.353	1/2/13 11:00	37.925	22.529	34.638	36.080	27.539	30.062	36.682
10/29/12 6:20	38.230	38.111	33.351	1/2/13 12:00	37.939	22.540	34.645	36.101	27.593	30.071	36.689
10/29/12 6:40	38.230	38.111	33.346	1/2/13 13:00	37.930	22.543	34.778	36.112	27.595	30.092	36.717
10/29/12 7:00	38.234	38.111	33.346	1/2/13 14:00	37.918	22.524	34.778	36.103	27.621	30.167	36.796
10/29/12 7:20	38.237	38.114	33.346	1/2/13 15:00	37.906	22.515	34.869	36.094	27.612	30.181	36.841
10/29/12 7:40	38.237	38.114	33.349	1/2/13 16:00	37.906	22.503	34.848	36.087	27.602	30.170	36.841
10/29/12 8:00	38.237	38.111	33.349	1/2/13 17:00	37.925	22.501	34.839	36.084	27.642	30.151	36.803
10/29/12 8:20	38.237	38.114	33.349	1/2/13 18:00	37.937	22.524	34.892	36.103	27.630	30.191	36.822

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/29/12 8:40	38.239	38.116	33.349	1/2/13 19:00	37.964	22.531	34.815	36.112	27.621	30.202	36.838
10/29/12 9:00	38.244	38.123	33.353	1/2/13 20:00	37.988	22.557	34.760	36.136	27.628	30.172	36.794
10/29/12 9:20	38.255	38.149	33.356	1/2/13 21:00	38.002	22.573	34.750	36.152	27.635	30.167	36.780
10/29/12 9:40	38.276	38.156	33.454	1/2/13 22:00	37.999	22.589	34.743	36.166	27.635	30.170	36.773
10/29/12 10:00	38.286	38.205	33.393	1/2/13 23:00	38.002	22.585	34.755	36.164	27.635	30.179	36.787
10/29/12 10:20	38.402	38.291	33.382	1/3/13 0:00	38.023	22.589	34.746	36.166	27.656	30.172	36.785
10/29/12 10:40	38.444	38.495	33.379	1/3/13 1:00	38.034	22.610	34.760	36.182	27.665	30.184	36.792
10/29/12 11:00	38.645	38.726	33.382	1/3/13 2:00	38.030	22.624	34.767	36.192	27.665	30.193	36.801
10/29/12 11:20	38.470	38.424	33.389	1/3/13 3:00	38.034	22.633	34.767	36.187	27.670	30.198	36.808
10/29/12 11:40	38.626	38.665	33.391	1/3/13 4:00	38.060	22.633	34.771	36.192	27.696	30.200	36.815
10/29/12 12:00	38.615	38.618	33.393	1/3/13 5:00	38.051	22.664	34.792	36.213	27.693	30.223	36.829
10/29/12 12:20	38.551	38.473	33.391	1/3/13 6:00	38.051	22.657	34.790	36.206	27.700	30.223	36.834
10/29/12 12:40	38.621	38.625	33.391	1/3/13 7:00	38.046	22.668	34.797	36.206	27.700	30.228	36.838
10/29/12 13:00	38.519	38.518	33.389	1/3/13 8:00	38.060	22.659	34.797	36.201	27.728	30.230	36.841
10/29/12 13:20	38.477	38.382	33.377	1/3/13 9:00	38.074	22.687	34.829	36.215	27.740	30.256	36.864
10/29/12 13:40	38.330	38.226	33.370	1/3/13 10:00	38.074	22.689	34.834	36.227	27.759	30.268	36.869
10/29/12 14:00	38.297	38.181	33.360	1/3/13 11:00	38.086	22.713	34.862	36.229	27.768	30.286	36.892
10/29/12 14:20	38.290	38.174	33.414	1/3/13 12:00	38.086	22.729	34.867	36.236	27.789	30.296	36.897
10/29/12 14:40	38.262	38.146	33.360	1/3/13 13:00	38.046	22.731	34.902	36.236	27.752	30.329	36.918
10/29/12 15:00	38.244	38.123	33.337	1/3/13 14:00	38.006	22.699	34.857	36.203	27.756	30.289	36.906
10/29/12 15:20	38.246	38.165	33.320	1/3/13 15:00	37.983	22.678	34.934	36.173	27.731	30.270	36.908
10/29/12 15:40	38.248	38.167	33.309	1/3/13 16:00	37.969	22.666	34.864	36.157	27.721	30.277	36.922
10/29/12 16:00	38.211	38.093	33.302	1/3/13 17:00	37.972	22.671	34.853	36.145	27.726	30.265	36.904
10/29/12 16:20	38.199	38.081	33.292	1/3/13 18:00	37.974	22.682	34.857	36.147	27.754	30.272	36.894
10/29/12 16:40	38.192	38.071	33.288	1/3/13 19:00	37.971	22.689	34.923	36.150	27.721	30.301	36.920
10/29/12 17:00	38.209	38.100	33.281	1/3/13 20:00	37.971	22.689	34.848	36.145	27.717	30.265	36.894
10/29/12 17:20	38.188	38.067	33.274	1/3/13 21:00	37.969	22.694	34.829	36.147	27.710	30.251	36.873
10/29/12 17:40	38.176	38.057	33.271	1/3/13 22:00	37.955	22.692	34.829	36.145	27.747	30.256	36.876
10/29/12 18:00	38.174	38.050	33.267	1/3/13 23:00	37.951	22.682	34.939	36.133	27.742	30.279	36.897
10/29/12 18:20	38.169	38.048	33.264	1/4/13 0:00	37.948	22.687	34.913	36.131	27.712	30.310	36.948
10/29/12 18:40	38.178	38.053	33.475	1/4/13 1:00	37.939	22.680	34.846	36.131	27.686	30.261	36.892
10/29/12 19:00	38.185	38.064	33.307	1/4/13 2:00	37.925	22.673	34.809	36.119	27.665	30.233	36.857
10/29/12 19:20	38.185	38.062	33.283	1/4/13 3:00	37.923	22.668	34.785	36.108	27.663	30.207	36.834
10/29/12 19:40	38.183	38.060	33.274	1/4/13 4:00	37.918	22.664	34.785	36.105	27.647	30.205	36.834

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/29/12 20:00	38.190	38.067	33.271	1/4/13 5:00	37.897	22.657	34.762	36.101	27.616	30.186	36.813
10/29/12 20:20	38.188	38.064	33.264	1/4/13 6:00	37.883	22.640	34.732	36.084	27.598	30.160	36.792
10/29/12 20:40	38.183	38.057	33.264	1/4/13 7:00	37.888	22.631	34.713	36.070	27.593	30.137	36.773
10/29/12 21:00	38.183	38.060	33.264	1/4/13 8:00	37.899	22.636	34.706	36.075	27.591	30.128	36.759
10/29/12 21:20	38.185	38.062	33.264	1/4/13 9:00	37.892	22.636	34.701	36.084	27.586	30.125	36.752
10/29/12 21:40	38.183	38.060	33.262	1/4/13 10:00	37.909	22.624	34.736	36.080	27.590	30.114	36.742
10/29/12 22:00	38.183	38.060	33.262	1/4/13 11:00	37.930	22.643	34.701	36.094	27.605	30.128	36.754
10/29/12 22:20	38.185	38.062	33.262	1/4/13 12:00	37.932	22.645	34.732	36.108	27.598	30.151	36.766
10/29/12 22:40	38.185	38.062	33.264	1/4/13 13:00	37.904	22.650	34.711	36.112	27.563	30.135	36.761
10/29/12 23:00	38.181	38.057	33.262	1/4/13 14:00	37.876	22.610	34.678	36.087	27.616	30.106	36.745
10/29/12 23:20	38.181	38.058	33.260	1/4/13 15:00	37.846	22.585	34.899	36.066	27.637	30.181	36.829
10/29/12 23:40	38.178	38.053	33.257	1/4/13 16:00	37.843	22.564	34.993	36.042	27.665	30.191	36.873
10/30/12 0:00	38.178	38.053	33.257	1/4/13 17:00	37.850	22.564	34.953	36.042	27.670	30.275	36.962
10/30/12 0:20	38.171	38.048	33.253	1/4/13 18:00	37.857	22.564	34.979	36.049	27.684	30.258	36.962
10/30/12 0:40	38.169	38.043	33.248	1/4/13 19:00	37.855	22.575	34.962	36.056	27.661	30.284	36.988
10/30/12 1:00	38.190	38.069	33.344	1/4/13 20:00	37.867	22.557	34.913	36.054	27.630	30.256	36.969
10/30/12 1:20	38.178	38.057	33.276	1/4/13 21:00	37.860	22.566	34.834	36.066	27.593	30.205	36.911
10/30/12 1:40	38.169	38.048	33.257	1/4/13 22:00	37.860	22.550	34.771	36.059	27.565	30.160	36.850
10/30/12 2:00	38.162	38.039	33.246	1/4/13 23:00	37.862	22.540	34.727	36.056	27.546	30.128	36.794
10/30/12 2:20	38.155	38.032	33.239	1/5/13 0:00	37.860	22.540	34.697	36.054	27.534	30.102	36.752
10/30/12 2:40	38.153	38.030	33.231	1/5/13 1:00	37.853	22.536	34.687	36.052	27.506	30.095	36.735
10/30/12 3:00	38.146	38.022	33.224	1/5/13 2:00	37.841	22.519	34.645	36.047	27.478	30.060	36.700
10/30/12 3:20	38.141	38.018	33.220	1/5/13 3:00	37.836	22.501	34.615	36.035	27.457	30.032	36.675
10/30/12 3:40	38.134	38.011	33.210	1/5/13 4:00	37.846	22.489	34.592	36.031	27.453	30.008	36.654
10/30/12 4:00	38.127	38.004	33.206	1/5/13 5:00	37.832	22.491	34.580	36.038	27.427	29.999	36.642
10/30/12 4:20	38.125	38.001	33.199	1/5/13 6:00	37.834	22.470	34.559	36.026	27.415	29.976	36.625
10/30/12 4:40	38.118	37.997	33.196	1/5/13 7:00	37.832	22.468	34.543	36.026	27.401	29.962	36.614
10/30/12 5:00	38.113	37.990	33.187	1/5/13 8:00	37.848	22.454	34.531	36.024	27.408	29.945	36.602
10/30/12 5:20	38.106	37.983	33.182	1/5/13 9:00	37.869	22.470	34.534	36.038	27.422	29.945	36.597
10/30/12 5:40	38.101	37.978	33.175	1/5/13 10:00	37.883	22.484	34.555	36.054	27.418	29.964	36.616
10/30/12 6:00	38.106	37.983	33.175	1/5/13 11:00	37.904	22.477	34.545	36.063	27.432	29.964	36.611
10/30/12 6:20	38.106	37.980	33.175	1/5/13 12:00	37.925	22.491	34.552	36.082	27.450	29.969	36.614
10/30/12 6:40	38.104	37.978	33.171	1/5/13 13:00	37.904	22.505	34.576	36.098	27.425	29.992	36.637
10/30/12 7:00	38.106	37.980	33.171	1/5/13 14:00	37.916	22.470	34.550	36.080	27.441	29.966	36.623

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/30/12 7:20	38.106	37.983	33.173	1/5/13 15:00	37.927	22.482	34.583	36.089	27.539	29.990	36.639
10/30/12 7:40	38.109	37.983	33.175	1/5/13 16:00	37.934	22.496	34.825	36.098	27.586	30.097	36.738
10/30/12 8:00	38.104	37.980	33.175	1/5/13 17:00	37.958	22.503	34.869	36.110	27.553	30.167	36.859
10/30/12 8:20	38.108	37.987	33.178	1/5/13 18:00	37.967	22.519	34.783	36.129	27.577	30.106	36.789
10/30/12 8:40	38.115	37.990	33.288	1/5/13 19:00	37.985	22.522	34.781	36.138	27.576	30.156	36.820
10/30/12 9:00	38.134	38.013	33.231	1/5/13 20:00	38.006	22.540	34.743	36.152	27.579	30.132	36.794
10/30/12 9:20	38.134	38.011	33.217	1/5/13 21:00	38.020	22.554	34.720	36.168	27.583	30.123	36.768
10/30/12 9:40	38.132	38.008	33.210	1/5/13 22:00	38.034	22.568	34.711	36.180	27.593	30.123	36.759
10/30/12 10:00	38.137	38.013	33.208	1/5/13 23:00	38.044	22.587	34.711	36.192	27.605	30.128	36.756
10/30/12 10:20	38.134	38.013	33.208	1/6/13 0:00	38.044	22.594	34.718	36.199	27.609	30.137	36.761
10/30/12 10:40	38.137	38.011	33.206	1/6/13 1:00	38.048	22.608	34.722	36.199	27.612	30.139	36.766
10/30/12 11:00	38.141	38.015	33.208	1/6/13 2:00	38.039	22.603	34.720	36.203	27.612	30.146	36.768
10/30/12 11:20	38.167	38.062	33.210	1/6/13 3:00	38.053	22.606	34.722	36.199	27.635	30.144	36.773
10/30/12 11:40	38.150	38.027	33.210	1/6/13 4:00	38.053	22.629	34.748	36.208	27.637	30.167	36.794
10/30/12 12:00	38.148	38.025	33.213	1/6/13 5:00	38.041	22.631	34.748	36.210	27.633	30.170	36.796
10/30/12 12:20	38.148	38.025	33.213	1/6/13 6:00	38.025	22.631	34.741	36.199	27.623	30.163	36.796
10/30/12 12:40	38.162	38.039	33.215	1/6/13 7:00	38.018	22.619	34.734	36.187	27.626	30.158	36.794
10/30/12 13:00	38.297	38.303	33.403	1/6/13 8:00	38.030	22.629	34.736	36.182	27.637	30.158	36.794
10/30/12 13:20	38.463	38.446	33.264	1/6/13 9:00	38.041	22.650	34.746	36.192	27.663	30.167	36.801
10/30/12 13:40	38.479	38.506	33.253	1/6/13 10:00	38.039	22.668	34.783	36.203	27.658	30.200	36.824
10/30/12 14:00	38.339	38.301	33.255	1/6/13 11:00	38.034	22.675	34.769	36.199	27.658	30.191	36.824
10/30/12 14:20	38.262	38.146	33.257	1/6/13 12:00	38.032	22.671	34.767	36.194	27.658	30.188	36.822
10/30/12 14:40	38.220	38.102	33.250	1/6/13 13:00	37.995	22.673	34.767	36.194	27.637	30.191	36.822
10/30/12 15:00	38.204	38.088	33.241	1/6/13 14:00	37.955	22.638	34.764	36.164	27.612	30.184	36.829
10/30/12 15:20	38.190	38.067	33.234	1/6/13 15:00	37.923	22.622	34.753	36.129	27.574	30.165	36.817
10/30/12 15:40	38.176	38.053	33.227	1/6/13 16:00	37.904	22.596	34.708	36.103	27.560	30.121	36.787
10/30/12 16:00	38.169	38.046	33.224	1/6/13 17:00	37.888	22.592	34.699	36.087	27.544	30.109	36.777
10/30/12 16:20	38.164	38.044	33.222	1/6/13 18:00	37.881	22.580	34.687	36.075	27.576	30.095	36.766
10/30/12 16:40	38.160	38.036	33.220	1/6/13 19:00	37.871	22.578	34.818	36.070	27.633	30.099	36.768
10/30/12 17:00	38.160	38.036	33.220	1/6/13 20:00	37.876	22.568	34.925	36.061	27.651	30.205	36.864
10/30/12 17:20	38.174	38.048	33.410	1/6/13 21:00	37.871	22.573	34.944	36.068	27.609	30.242	36.934
10/30/12 17:40	38.176	38.053	33.264	1/6/13 22:00	37.853	22.559	34.848	36.063	27.579	30.205	36.890
10/30/12 18:00	38.167	38.046	33.246	1/6/13 23:00	37.839	22.538	34.806	36.047	27.520	30.167	36.836
10/30/12 18:20	38.164	38.039	33.241	1/7/13 0:00	37.822	22.526	34.697	36.031	27.488	30.088	36.766

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/30/12 18:40	38.169	38.046	33.243	1/7/13 1:00	37.827	22.505	34.655	36.017	27.469	30.057	36.724
10/30/12 19:00	38.176	38.051	33.246	1/7/13 2:00	37.822	22.510	34.620	36.024	27.441	30.025	36.679
10/30/12 19:20	38.176	38.053	33.248	1/7/13 3:00	37.808	22.494	34.585	36.017	27.411	29.994	36.647
10/30/12 19:40	38.181	38.055	33.250	1/7/13 4:00	37.811	22.473	34.552	36.005	27.401	29.964	36.623
10/30/12 20:00	38.195	38.069	33.431	1/7/13 5:00	37.808	22.475	34.536	36.010	27.378	29.948	36.604
10/30/12 20:20	38.206	38.081	33.297	1/7/13 6:00	37.813	22.449	34.513	36.003	27.371	29.926	36.588
10/30/12 20:40	38.204	38.081	33.285	1/7/13 7:00	37.820	22.463	34.503	36.005	27.366	29.912	36.579
10/30/12 21:00	38.209	38.086	33.283	1/7/13 8:00	37.841	22.466	34.501	36.012	27.368	29.903	36.574
10/30/12 21:20	38.209	38.083	33.283	1/7/13 9:00	37.834	22.459	34.499	36.031	27.364	29.912	36.576
10/30/12 21:40	38.211	38.086	33.283	1/7/13 10:00	37.850	22.454	34.508	36.024	27.380	29.915	36.590
10/30/12 22:00	38.216	38.093	33.288	1/7/13 11:00	37.857	22.461	34.534	36.035	27.366	29.934	36.600
10/30/12 22:20	38.218	38.093	33.288	1/7/13 12:00	37.876	22.463	34.506	36.042	27.369	29.910	36.588
10/30/12 22:40	38.223	38.100	33.292	1/7/13 13:00	37.846	22.466	34.501	36.056	27.331	29.910	36.581
10/30/12 23:00	38.218	38.095	33.288	1/7/13 14:00	37.818	22.424	34.468	36.031	27.310	29.882	36.562
10/30/12 23:20	38.220	38.097	33.290	1/7/13 15:00	37.808	22.398	34.471	36.005	27.324	29.870	36.555
10/30/12 23:40	38.220	38.095	33.290	1/7/13 16:00	37.815	22.386	34.550	36.000	27.401	29.868	36.562
10/31/12 0:00	38.220	38.097	33.290	1/7/13 17:00	37.825	22.389	34.697	36.007	27.404	29.978	36.686
10/31/12 0:20	38.223	38.095	33.292	1/7/13 18:00	37.829	22.398	34.685	36.014	27.404	30.006	36.717
10/31/12 0:40	38.216	38.093	33.288	1/7/13 19:00	37.834	22.400	34.664	36.019	27.415	29.999	36.710
10/31/12 1:00	38.223	38.100	33.290	1/7/13 20:00	37.836	22.384	34.706	36.024	27.390	29.999	36.705
10/31/12 1:20	38.220	38.095	33.290	1/7/13 21:00	37.846	22.386	34.629	36.026	27.371	29.938	36.661
10/31/12 1:40	38.220	38.093	33.292	1/7/13 22:00	37.855	22.400	34.557	36.033	27.357	29.929	36.649
10/31/12 2:00	38.223	38.100	33.297	1/7/13 23:00	37.850	22.386	34.538	36.040	27.341	29.922	36.628
10/31/12 2:20	38.237	38.116	33.358	1/8/13 0:00	37.848	22.375	34.515	36.035	27.319	29.901	36.604
10/31/12 2:40	38.232	38.109	33.321	1/8/13 1:00	37.860	22.366	34.485	36.033	27.312	29.877	36.569
10/31/12 3:00	38.227	38.104	33.309	1/8/13 2:00	37.848	22.365	34.466	36.040	27.301	29.866	36.548
10/31/12 3:20	38.223	38.097	33.304	1/8/13 3:00	37.857	22.352	34.457	36.031	27.296	29.854	36.539
10/31/12 3:40	38.225	38.102	33.304	1/8/13 4:00	37.860	22.365	34.443	36.040	27.282	29.840	36.523
10/31/12 4:00	38.220	38.097	33.302	1/8/13 5:00	37.848	22.358	34.426	36.042	27.261	29.833	36.511
10/31/12 4:20	38.220	38.097	33.302	1/8/13 6:00	37.818	22.335	34.406	36.028	27.226	29.812	36.494
10/31/12 4:40	38.218	38.095	33.302	1/8/13 7:00	37.794	22.307	34.378	36.005	27.205	29.782	36.478
10/31/12 5:00	38.220	38.097	33.302	1/8/13 8:00	37.808	22.286	34.364	35.986	27.219	29.751	36.466
10/31/12 5:20	38.216	38.093	33.295	1/8/13 9:00	37.860	22.303	34.387	36.010	27.254	29.765	36.497
10/31/12 5:40	38.211	38.090	33.295	1/8/13 10:00	37.890	22.347	34.433	36.045	27.277	29.798	36.518

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/31/12 6:00	38.216	38.090	33.295	1/8/13 11:00	37.911	22.372	34.431	36.068	27.298	29.824	36.530
10/31/12 6:20	38.216	38.093	33.297	1/8/13 12:00	37.904	22.380	34.454	36.082	27.303	29.847	36.544
10/31/12 6:40	38.218	38.095	33.300	1/8/13 13:00	37.904	22.373	34.466	36.084	27.291	29.849	36.562
10/31/12 7:00	38.220	38.097	33.300	1/8/13 14:00	37.899	22.358	34.450	36.080	27.280	29.842	36.565
10/31/12 7:20	38.218	38.093	33.297	1/8/13 15:00	37.895	22.347	34.433	36.073	27.284	29.831	36.544
10/31/12 7:40	38.220	38.100	33.300	1/8/13 16:00	37.918	22.351	34.468	36.070	27.322	29.821	36.534
10/31/12 8:00	38.220	38.095	33.302	1/8/13 17:00	37.960	22.373	34.489	36.089	27.418	29.873	36.574
10/31/12 8:20	38.220	38.095	33.302	1/8/13 18:00	37.995	22.412	34.655	36.126	27.504	29.990	36.663
10/31/12 8:40	38.225	38.100	33.304	1/8/13 19:00	38.023	22.442	34.785	36.157	27.534	30.111	36.813
10/31/12 9:00	38.225	38.100	33.309	1/8/13 20:00	38.048	22.468	34.829	36.182	27.523	30.099	36.817
10/31/12 9:20	38.227	38.104	33.309	1/8/13 21:00	38.062	22.482	34.713	36.201	27.527	30.083	36.787
10/31/12 9:40	38.227	38.104	33.309	1/8/13 22:00	38.086	22.503	34.690	36.215	27.546	30.078	36.759
10/31/12 10:00	38.246	38.125	33.358	1/8/13 23:00	38.093	22.529	34.692	36.236	27.567	30.088	36.754
10/31/12 10:20	38.246	38.123	33.339	1/9/13 0:00	38.102	22.536	34.715	36.238	27.579	30.116	36.768
10/31/12 10:40	38.239	38.118	33.328	1/9/13 1:00	38.104	22.559	34.711	36.248	27.591	30.111	36.768
10/31/12 11:00	38.234	38.114	33.321	1/9/13 2:00	38.109	22.568	34.715	36.250	27.600	30.121	36.770
10/31/12 11:20	38.234	38.109	33.316	1/9/13 3:00	38.104	22.582	34.720	36.255	27.605	30.132	36.773
10/31/12 11:40	38.230	38.107	33.314	1/9/13 4:00	38.132	22.587	34.722	36.250	27.635	30.132	36.773
10/31/12 12:00	38.232	38.107	33.311	1/9/13 5:00	38.132	22.622	34.743	36.273	27.651	30.163	36.789
10/31/12 12:20	38.227	38.104	33.307	1/9/13 6:00	38.116	22.629	34.757	36.273	27.642	30.172	36.799
10/31/12 12:40	38.227	38.102	33.304	1/9/13 7:00	38.107	22.615	34.750	36.259	27.654	30.174	36.806
10/31/12 13:00	38.223	38.100	33.300	1/9/13 8:00	38.121	22.634	34.764	36.255	27.679	30.177	36.817
10/31/12 13:20	38.223	38.097	33.452	1/9/13 9:00	38.141	22.657	34.785	36.266	27.721	30.202	36.836
10/31/12 13:40	38.225	38.104	33.325	1/9/13 10:00	38.162	22.685	34.841	36.285	27.747	30.249	36.876
10/31/12 14:00	38.218	38.097	33.302	1/9/13 11:00	38.160	22.722	34.853	36.301	27.763	30.268	36.897
10/31/12 14:20	38.206	38.086	33.288	1/9/13 12:00	38.109	22.720	34.876	36.301	27.735	30.294	36.925
10/31/12 14:40	38.199	38.076	33.278	1/9/13 13:00	38.081	22.689	34.853	36.257	27.710	30.270	36.913
10/31/12 15:00	38.190	38.069	33.267	1/9/13 14:00	38.034	22.671	34.827	36.234	27.689	30.251	36.899
10/31/12 15:20	38.181	38.057	33.257	1/9/13 15:00	37.995	22.650	34.820	36.199	27.691	30.235	36.890
10/31/12 15:40	38.178	38.055	33.250	1/9/13 16:00	37.995	22.636	34.864	36.168	27.684	30.223	36.887
10/31/12 16:00	38.174	38.051	33.246	1/9/13 17:00	37.990	22.657	34.843	36.166	27.668	30.221	36.876
10/31/12 16:20	38.169	38.046	33.243	1/9/13 18:00	37.983	22.661	34.799	36.164	27.679	30.205	36.859
10/31/12 16:40	38.169	38.046	33.407	1/9/13 19:00	37.976	22.666	34.834	36.157	27.787	30.226	36.869
10/31/12 17:00	38.176	38.055	33.276	1/9/13 20:00	37.978	22.671	35.104	36.154	27.770	30.343	36.983

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/31/12 17:20	38.172	38.051	33.255	1/9/13 21:00	37.960	22.668	35.046	36.157	27.775	30.373	37.046
10/31/12 17:40	38.165	38.044	33.248	1/9/13 22:00	37.953	22.664	35.051	36.140	27.726	30.333	37.011
10/31/12 18:00	38.164	38.039	33.243	1/9/13 23:00	37.946	22.664	34.939	36.136	27.689	30.284	36.958
10/31/12 18:20	38.162	38.039	33.241	1/10/13 0:00	37.934	22.659	34.853	36.129	27.677	30.249	36.906
10/31/12 18:40	38.162	38.037	33.239	1/10/13 1:00	37.911	22.654	34.853	36.119	27.630	30.214	36.866
10/31/12 19:00	38.167	38.041	33.241	1/10/13 2:00	37.902	22.638	34.776	36.098	27.602	30.181	36.834
10/31/12 19:20	38.167	38.043	33.243	1/10/13 3:00	37.874	22.627	34.741	36.091	27.563	30.153	36.794
10/31/12 19:40	38.172	38.048	33.248	1/10/13 4:00	37.846	22.608	34.697	36.066	27.525	30.111	36.756
10/31/12 20:00	38.176	38.050	33.253	1/10/13 5:00	37.808	22.587	34.657	36.042	27.474	30.069	36.721
10/31/12 20:20	38.181	38.055	33.257	1/10/13 6:00	37.776	22.545	34.608	36.010	27.429	30.025	36.682
10/31/12 20:40	38.204	38.081	33.311	1/10/13 7:00	37.746	22.510	34.576	35.979	27.383	29.987	36.654
10/31/12 21:00	38.202	38.076	33.288	1/10/13 8:00	37.739	22.487	34.527	35.954	27.359	29.936	36.611
10/31/12 21:20	38.202	38.079	33.283	1/10/13 9:00	37.729	22.482	34.501	35.949	27.333	29.908	36.586
10/31/12 21:40	38.209	38.083	33.283	1/10/13 10:00	37.746	22.475	34.475	35.942	27.326	29.882	36.565
10/31/12 22:00	38.209	38.083	33.283	1/10/13 11:00	37.748	22.473	34.466	35.954	27.301	29.870	36.551
10/31/12 22:20	38.211	38.088	33.285	1/10/13 12:00	37.715	22.449	34.443	35.954	27.256	29.852	36.534
10/31/12 22:40	38.213	38.088	33.285	1/10/13 13:00	37.687	22.403	34.403	35.923	27.221	29.807	36.506
10/31/12 23:00	38.216	38.093	33.290	1/10/13 14:00	37.666	22.370	34.382	35.900	27.184	29.777	36.492
10/31/12 23:20	38.218	38.093	33.288	1/10/13 15:00	37.666	22.347	34.343	35.879	27.154	29.732	36.455
10/31/12 23:40	38.218	38.093	33.288	1/10/13 16:00	37.680	22.331	34.310	35.879	27.144	29.707	36.457
11/1/12 0:00	38.220	38.095	33.288	1/10/13 17:00	37.664	22.340	34.296	35.891	27.112	29.690	36.455
11/1/12 0:20	38.216	38.093	33.288	1/10/13 18:00	37.669	22.303	34.275	35.874	27.095	29.667	36.448
11/1/12 0:40	38.213	38.090	33.285	1/10/13 19:00	37.701	22.298	34.254	35.881	27.133	29.644	36.429
11/1/12 1:00	38.216	38.090	33.283	1/10/13 20:00	37.725	22.317	34.329	35.907	27.214	29.683	36.438
11/1/12 1:20	38.211	38.090	33.285	1/10/13 21:00	37.718	22.321	34.508	35.928	27.191	29.793	36.511
11/1/12 1:40	38.213	38.090	33.285	1/10/13 22:00	37.697	22.293	34.464	35.921	27.135	29.763	36.523
11/1/12 2:00	38.211	38.088	33.283	1/10/13 23:00	37.692	22.249	34.371	35.905	27.100	29.725	36.520
11/1/12 2:20	38.206	38.081	33.281	1/11/13 0:00	37.711	22.247	34.305	35.900	27.072	29.662	36.490
11/1/12 2:40	38.209	38.083	33.281	1/11/13 1:00	37.729	22.230	34.261	35.909	27.083	29.644	36.448
11/1/12 3:00	38.206	38.083	33.281	1/11/13 2:00	37.729	22.240	34.277	35.928	27.067	29.653	36.431
11/1/12 3:20	38.204	38.079	33.278	1/11/13 3:00	37.713	22.228	34.261	35.928	27.025	29.639	36.436
11/1/12 3:40	38.199	38.076	33.276	1/11/13 4:00	37.694	22.193	34.210	35.912	26.988	29.590	36.392
11/1/12 4:00	38.195	38.072	33.307	1/11/13 5:00	37.676	22.163	34.173	35.898	26.964	29.555	36.364
11/1/12 4:20	38.213	38.090	33.314	1/11/13 6:00	37.657	22.137	34.191	35.886	26.929	29.527	36.296

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/1/12 4:40	38.202	38.079	33.288	1/11/13 7:00	37.650	22.116	34.126	35.865	26.906	29.499	36.268
11/1/12 5:00	38.202	38.074	33.281	1/11/13 8:00	37.666	22.100	34.096	35.863	26.901	29.466	36.237
11/1/12 5:20	38.197	38.074	33.274	1/11/13 9:00	37.704	22.116	34.091	35.874	26.922	29.461	36.237
11/1/12 5:40	38.192	38.067	33.271	1/11/13 10:00	37.727	22.149	34.100	35.907	26.913	29.471	36.237
11/1/12 6:00	38.192	38.069	33.269	1/11/13 11:00	37.720	22.140	34.091	35.923	26.908	29.473	36.230
11/1/12 6:20	38.190	38.064	33.269	1/11/13 12:00	37.750	22.130	34.093	35.923	26.936	29.459	36.235
11/1/12 6:40	38.195	38.067	33.269	1/11/13 13:00	37.725	22.135	34.145	35.947	26.918	29.496	36.265
11/1/12 7:00	38.195	38.069	33.269	1/11/13 14:00	37.694	22.100	34.145	35.928	26.983	29.492	36.291
11/1/12 7:20	38.192	38.067	33.269	1/11/13 15:00	37.676	22.077	34.347	35.905	26.946	29.548	36.382
11/1/12 7:40	38.192	38.069	33.267	1/11/13 16:00	37.699	22.042	34.284	35.900	26.932	29.564	36.441
11/1/12 8:00	38.190	38.067	33.267	1/11/13 17:00	37.725	22.060	34.208	35.916	26.918	29.527	36.399
11/1/12 8:20	38.195	38.072	33.267	1/11/13 18:00	37.760	22.074	34.161	35.928	26.967	29.492	36.307
11/1/12 8:40	38.195	38.069	33.269	1/11/13 19:00	37.825	22.093	34.259	35.956	27.058	29.515	36.296
11/1/12 9:00	38.199	38.076	33.276	1/11/13 20:00	37.892	22.151	34.329	36.007	27.069	29.627	36.375
11/1/12 9:20	38.199	38.076	33.278	1/11/13 21:00	37.958	22.191	34.284	36.061	27.119	29.637	36.389
11/1/12 9:40	38.202	38.078	33.281	1/11/13 22:00	38.097	22.263	34.303	36.112	27.231	29.658	36.389
11/1/12 10:00	38.206	38.083	33.283	1/11/13 23:00	38.125	22.380	34.378	36.231	27.266	29.761	36.445
11/1/12 10:20	38.206	38.081	33.278	1/12/13 0:00	38.176	22.387	34.410	36.250	27.341	29.798	36.487
11/1/12 10:40	38.209	38.083	33.281	1/12/13 1:00	38.190	22.428	34.492	36.294	27.369	29.873	36.553
11/1/12 11:00	38.227	38.107	33.346	1/12/13 2:00	38.211	22.442	34.508	36.306	27.415	29.896	36.586
11/1/12 11:20	38.218	38.097	33.304	1/12/13 3:00	38.204	22.459	34.566	36.325	27.425	29.952	36.632
11/1/12 11:40	38.213	38.088	33.292	1/12/13 4:00	38.214	22.461	34.562	36.318	27.453	29.959	36.649
11/1/12 12:00	38.213	38.088	33.285	1/12/13 5:00	38.221	22.480	34.585	36.327	27.485	29.983	36.665
11/1/12 12:20	38.227	38.104	33.332	1/12/13 6:00	38.190	22.503	34.608	36.334	27.483	30.011	36.682
11/1/12 12:40	38.218	38.095	33.300	1/12/13 7:00	38.181	22.487	34.611	36.308	27.499	30.013	36.689
11/1/12 13:00	38.206	38.086	33.285	1/12/13 8:00	38.172	22.498	34.622	36.304	27.513	30.025	36.700
11/1/12 13:20	38.202	38.081	33.271	1/12/13 9:00	38.181	22.503	34.636	36.297	27.548	30.041	36.712
11/1/12 13:40	38.213	38.093	33.346	1/12/13 10:00	38.176	22.538	34.669	36.306	27.595	30.069	36.738
11/1/12 14:00	38.199	38.076	33.285	1/12/13 11:00	38.172	22.554	34.746	36.304	27.586	30.125	36.789
11/1/12 14:20	38.211	38.090	33.372	1/12/13 12:00	38.135	22.543	34.718	36.304	27.630	30.123	36.796
11/1/12 14:40	38.192	38.072	33.285	1/12/13 13:00	38.072	22.519	34.899	36.273	27.665	30.188	36.850
11/1/12 15:00	38.206	38.086	33.351	1/12/13 14:00	38.027	22.489	34.997	36.222	27.647	30.200	36.906
11/1/12 15:20	38.185	38.065	33.278	1/12/13 15:00	38.002	22.480	34.934	36.187	27.574	30.219	36.941
11/1/12 15:40	38.192	38.072	33.330	1/12/13 16:00	38.004	22.461	34.822	36.166	27.577	30.139	36.852

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/1/12 16:00	38.172	38.051	33.267	1/12/13 17:00	38.011	22.487	34.792	36.171	27.619	30.121	36.813
11/1/12 16:20	38.160	38.036	33.243	1/12/13 18:00	38.030	22.512	34.843	36.175	27.637	30.156	36.838
11/1/12 16:40	38.148	38.027	33.229	1/12/13 19:00	38.016	22.536	34.843	36.192	27.633	30.200	36.855
11/1/12 17:00	38.171	38.050	33.290	1/12/13 20:00	38.037	22.536	34.827	36.180	27.623	30.200	36.850
11/1/12 17:20	38.155	38.036	33.243	1/12/13 21:00	38.027	22.557	34.776	36.199	27.612	30.172	36.820
11/1/12 17:40	38.153	38.029	33.229	1/12/13 22:00	38.023	22.554	34.750	36.189	27.605	30.149	36.801
11/1/12 18:00	38.144	38.020	33.220	1/12/13 23:00	38.037	22.566	34.739	36.185	27.621	30.142	36.792
11/1/12 18:20	38.164	38.043	33.309	1/13/13 0:00	38.039	22.573	34.757	36.196	27.623	30.165	36.810
11/1/12 18:40	38.153	38.030	33.241	1/13/13 1:00	38.032	22.587	34.753	36.201	27.626	30.160	36.808
11/1/12 19:00	38.148	38.025	33.224	1/13/13 2:00	38.027	22.601	34.753	36.194	27.616	30.156	36.806
11/1/12 19:20	38.143	38.020	33.217	1/13/13 3:00	37.997	22.594	34.743	36.192	27.593	30.153	36.801
11/1/12 19:40	38.144	38.020	33.213	1/13/13 4:00	38.039	22.578	34.720	36.166	27.630	30.132	36.785
11/1/12 20:00	38.167	38.046	33.309	1/13/13 5:00	38.030	22.631	34.746	36.201	27.621	30.156	36.794
11/1/12 20:20	38.181	38.060	33.307	1/13/13 6:00	38.016	22.620	34.736	36.192	27.614	30.153	36.785
11/1/12 20:40	38.185	38.065	33.304	1/13/13 7:00	38.020	22.622	34.727	36.180	27.621	30.142	36.777
11/1/12 21:00	38.178	38.055	33.267	1/13/13 8:00	38.044	22.636	34.732	36.185	27.642	30.144	36.777
11/1/12 21:20	38.192	38.072	33.410	1/13/13 9:00	38.058	22.659	34.746	36.203	27.675	30.165	36.787
11/1/12 21:40	38.188	38.064	33.285	1/13/13 10:00	38.067	22.682	34.811	36.215	27.677	30.181	36.808
11/1/12 22:00	38.181	38.060	33.262	1/13/13 11:00	38.083	22.692	34.788	36.222	27.705	30.202	36.829
11/1/12 22:20	38.174	38.053	33.248	1/13/13 12:00	38.065	22.710	34.825	36.234	27.707	30.235	36.866
11/1/12 22:40	38.169	38.046	33.236	1/13/13 13:00	38.027	22.701	34.839	36.222	27.689	30.244	36.890
11/1/12 23:00	38.185	38.064	33.295	1/13/13 14:00	37.981	22.671	34.850	36.192	27.682	30.212	36.869
11/1/12 23:20	38.185	38.060	33.454	1/13/13 15:00	37.967	22.648	34.869	36.154	27.820	30.254	36.908
11/1/12 23:40	38.183	38.062	33.278	1/13/13 16:00	37.969	22.648	35.239	36.145	27.780	30.403	37.049
11/2/12 0:00	38.171	38.048	33.248	1/13/13 17:00	37.985	22.666	35.083	36.147	27.754	30.343	37.032
11/2/12 0:20	38.162	38.041	33.229	1/13/13 18:00	37.988	22.694	34.960	36.164	27.761	30.326	36.988
11/2/12 0:40	38.344	38.179	33.351	1/13/13 19:00	38.002	22.692	34.981	36.164	27.768	30.331	36.969
11/2/12 1:00	38.565	38.607	33.264	1/13/13 20:00	38.002	22.706	34.967	36.175	27.749	30.340	36.976
11/2/12 1:20	38.554	38.579	33.264	1/13/13 21:00	38.013	22.715	34.913	36.175	27.747	30.303	36.944
11/2/12 1:40	38.356	38.270	33.267	1/13/13 22:00	38.025	22.720	34.899	36.185	27.745	30.301	36.925
11/2/12 2:00	38.260	38.142	33.260	1/13/13 23:00	38.034	22.734	34.876	36.194	27.756	30.282	36.904
11/2/12 2:20	38.386	38.326	33.250	1/14/13 0:00	38.032	22.748	34.892	36.201	27.745	30.301	36.913
11/2/12 2:40	38.262	38.158	33.246	1/14/13 1:00	38.037	22.752	34.869	36.199	27.747	30.282	36.901
11/2/12 3:00	38.234	38.114	33.295	1/14/13 2:00	38.039	22.759	34.864	36.201	27.747	30.279	36.899

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/2/12 3:20	38.223	38.109	33.253	1/14/13 3:00	38.046	22.766	34.862	36.203	27.752	30.277	36.897
11/2/12 3:40	38.190	38.069	33.236	1/14/13 4:00	38.044	22.773	34.862	36.208	27.752	30.279	36.897
11/2/12 4:00	38.174	38.053	33.220	1/14/13 5:00	38.034	22.778	34.860	36.208	27.742	30.279	36.892
11/2/12 4:20	38.155	38.034	33.206	1/14/13 6:00	38.044	22.780	34.850	36.199	27.749	30.270	36.885
11/2/12 4:40	38.148	38.025	33.194	1/14/13 7:00	38.039	22.790	34.853	36.208	27.745	30.275	36.883
11/2/12 5:00	38.318	38.279	33.185	1/14/13 8:00	38.055	22.794	34.848	36.203	27.763	30.270	36.880
11/2/12 5:20	38.416	38.448	33.185	1/14/13 9:00	38.072	22.822	34.860	36.217	27.782	30.282	36.885
11/2/12 5:40	38.442	38.452	33.185	1/14/13 10:00	38.074	22.839	34.878	36.231	27.796	30.301	36.899
11/2/12 6:00	38.458	38.492	33.189	1/14/13 11:00	38.060	22.843	34.944	36.231	27.782	30.305	36.911
11/2/12 6:20	38.526	38.548	33.194	1/14/13 12:00	38.034	22.829	34.888	36.220	27.791	30.312	36.930
11/2/12 6:40	38.433	38.432	33.199	1/14/13 13:00	37.983	22.813	34.976	36.201	27.766	30.315	36.937
11/2/12 7:00	38.267	38.156	33.203	1/14/13 14:00	37.941	22.780	34.934	36.159	27.721	30.331	36.981
11/2/12 7:20	38.535	38.614	33.199	1/14/13 15:00	37.916	22.759	34.881	36.124	27.712	30.279	36.934
11/2/12 7:40	38.300	38.195	33.208	1/14/13 16:00	37.906	22.752	34.899	36.108	27.705	30.251	36.908
11/2/12 8:00	38.230	38.118	33.210	1/14/13 17:00	37.909	22.755	34.927	36.101	27.672	30.251	36.904
11/2/12 8:20	38.192	38.071	33.199	1/14/13 18:00	37.918	22.757	34.820	36.103	27.689	30.221	36.873
11/2/12 8:40	38.255	38.179	33.192	1/14/13 19:00	37.925	22.771	34.855	36.108	27.665	30.205	36.848
11/2/12 9:00	38.197	38.081	33.238	1/14/13 20:00	37.951	22.771	34.795	36.112	27.665	30.200	36.836
11/2/12 9:20	38.192	38.072	33.213	1/14/13 21:00	37.946	22.787	34.785	36.131	27.656	30.202	36.824
11/2/12 9:40	38.164	38.048	33.201	1/14/13 22:00	37.955	22.790	34.769	36.129	27.656	30.188	36.817
11/2/12 10:00	38.160	38.037	33.400	1/14/13 23:00	37.955	22.792	34.769	36.133	27.691	30.186	36.815
11/2/12 10:20	38.155	38.036	33.224	1/15/13 0:00	37.955	22.792	34.871	36.136	27.717	30.207	36.841
11/2/12 10:40	38.141	38.020	33.194	1/15/13 1:00	37.944	22.787	34.923	36.136	27.731	30.261	36.901
11/2/12 11:00	38.139	38.018	33.187	1/15/13 2:00	37.932	22.771	35.002	36.126	27.696	30.303	36.951
11/2/12 11:20	38.155	38.037	33.285	1/15/13 3:00	37.923	22.766	34.883	36.119	27.663	30.261	36.932
11/2/12 11:40	38.148	38.025	33.213	1/15/13 4:00	37.920	22.752	34.827	36.108	27.642	30.221	36.883
11/2/12 12:00	38.157	38.036	33.250	1/15/13 5:00	37.916	22.755	34.783	36.105	27.623	30.186	36.838
11/2/12 12:20	38.148	38.029	33.215	1/15/13 6:00	37.925	22.748	34.757	36.101	27.623	30.163	36.808
11/2/12 12:40	38.162	38.041	33.337	1/15/13 7:00	37.937	22.759	34.746	36.110	27.612	30.153	36.789
11/2/12 13:00	38.153	38.032	33.229	1/15/13 8:00	37.930	22.757	34.732	36.117	27.602	30.149	36.777
11/2/12 13:20	38.150	38.030	33.372	1/15/13 9:00	37.927	22.752	34.720	36.112	27.593	30.135	36.766
11/2/12 13:40	38.416	38.436	33.241	1/15/13 10:00	37.932	22.752	34.711	36.108	27.593	30.125	36.761
11/2/12 14:00	38.419	38.455	33.222	1/15/13 11:00	37.934	22.748	34.722	36.112	27.586	30.132	36.773
11/2/12 14:20	38.295	38.233	33.220	1/15/13 12:00	37.927	22.748	34.708	36.115	27.586	30.123	36.766

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/2/12 14:40	38.498	38.516	33.222	1/15/13 13:00	37.897	22.741	34.729	36.105	27.546	30.130	36.770
11/2/12 15:00	38.442	38.502	33.292	1/15/13 14:00	37.876	22.710	34.678	36.077	27.520	30.090	36.752
11/2/12 15:20	38.633	38.688	33.281	1/15/13 15:00	37.860	22.697	34.652	36.061	27.539	30.062	36.733
11/2/12 15:40	38.624	38.756	33.274	1/15/13 16:00	37.860	22.680	34.739	36.054	27.707	30.076	36.752
11/2/12 16:00	38.736	38.854	33.278	1/15/13 17:00	37.862	22.687	35.193	36.056	27.621	30.268	36.937
11/2/12 16:20	38.792	38.852	33.295	1/15/13 18:00	37.869	22.678	34.892	36.059	27.626	30.233	36.939
11/2/12 16:40	38.866	38.974	33.384	1/15/13 19:00	37.862	22.685	34.958	36.066	27.616	30.177	36.859
11/2/12 17:00	38.885	39.016	33.358	1/15/13 20:00	37.871	22.673	34.899	36.056	27.560	30.193	36.864
11/2/12 17:20	38.913	39.041	33.363	1/15/13 21:00	37.878	22.675	34.746	36.066	27.537	30.123	36.796
11/2/12 17:40	38.955	39.093	33.374	1/15/13 22:00	37.867	22.666	34.727	36.070	27.506	30.090	36.747
11/2/12 18:00	38.922	39.028	33.466	1/15/13 23:00	37.857	22.648	34.664	36.059	27.485	30.064	36.724
11/2/12 18:20	38.827	38.857	33.429	1/16/13 0:00	37.864	22.641	34.634	36.052	27.471	30.034	36.693
11/2/12 18:40	38.864	38.885	33.424	1/16/13 1:00	37.860	22.634	34.615	36.054	27.453	30.018	36.677
11/2/12 19:00	38.978	39.121	33.426	1/16/13 2:00	37.846	22.627	34.592	36.049	27.427	29.997	36.661
11/2/12 19:20	38.971	39.109	33.677	1/16/13 3:00	37.832	22.601	34.571	36.038	27.406	29.973	36.644
11/2/12 19:40	39.023	39.144	33.504	1/16/13 4:00	37.836	22.582	34.548	36.026	27.394	29.948	36.625
11/2/12 20:00	39.039	39.175	33.497	1/16/13 5:00	37.839	22.573	34.536	36.028	27.380	29.938	36.611
11/2/12 20:20	38.969	39.065	33.501	1/16/13 6:00	37.822	22.568	34.520	36.031	27.357	29.926	36.600
11/2/12 20:40	39.057	39.200	33.508	1/16/13 7:00	37.836	22.550	34.499	36.017	27.357	29.898	36.581
11/2/12 21:00	39.102	39.212	33.518	1/16/13 8:00	37.843	22.554	34.494	36.028	27.350	29.894	36.572
11/2/12 21:20	39.151	39.308	33.532	1/16/13 9:00	37.867	22.550	34.487	36.031	27.359	29.887	36.565
11/2/12 21:40	39.177	39.341	33.543	1/16/13 10:00	37.892	22.564	34.492	36.049	27.376	29.896	36.569
11/2/12 22:00	39.181	39.334	33.562	1/16/13 11:00	37.904	22.578	34.506	36.073	27.385	29.908	36.576
11/2/12 22:20	39.149	39.238	33.574	1/16/13 12:00	37.916	22.575	34.524	36.082	27.387	29.922	36.597
11/2/12 22:40	39.079	39.168	33.583	1/16/13 13:00	37.897	22.578	34.520	36.091	27.418	29.922	36.602
11/2/12 23:00	39.069	39.144	33.703	1/16/13 14:00	37.890	22.559	34.683	36.077	27.476	29.926	36.611
11/2/12 23:20	38.911	38.997	33.628	1/16/13 15:00	37.883	22.540	34.848	36.070	27.471	29.999	36.705
11/2/12 23:40	39.004	39.093	33.611	1/16/13 16:00	37.895	22.529	34.767	36.066	27.476	30.036	36.780
11/3/12 0:00	38.999	39.051	33.609	1/16/13 17:00	37.911	22.540	34.725	36.077	27.527	30.055	36.775
11/3/12 0:20	38.883	38.904	33.607	1/16/13 18:00	37.941	22.561	34.857	36.091	27.570	30.076	36.766
11/3/12 0:40	38.768	38.775	33.604	1/16/13 19:00	37.967	22.580	34.876	36.117	27.548	30.146	36.838
11/3/12 1:00	38.652	38.546	33.600	1/16/13 20:00	37.992	22.594	34.774	36.138	27.563	30.125	36.801
11/3/12 1:20	38.573	38.455	33.590	1/16/13 21:00	38.018	22.617	34.757	36.159	27.563	30.111	36.780
11/3/12 1:40	38.530	38.415	33.579	1/16/13 22:00	38.039	22.636	34.725	36.180	27.572	30.109	36.777

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/3/12 2:00	38.521	38.406	33.633	1/16/13 23:00	38.048	22.650	34.720	36.196	27.577	30.111	36.768
11/3/12 2:20	38.500	38.382	33.588	1/17/13 0:00	38.076	22.655	34.713	36.203	27.600	30.114	36.761
11/3/12 2:40	38.477	38.359	33.569	1/17/13 1:00	38.088	22.685	34.727	36.227	27.619	30.132	36.773
11/3/12 3:00	38.463	38.343	33.558	1/17/13 2:00	38.125	22.704	34.741	36.238	27.654	30.146	36.782
11/3/12 3:20	38.456	38.338	33.553	1/17/13 3:00	38.130	22.741	34.769	36.266	27.670	30.177	36.808
11/3/12 3:40	38.442	38.319	33.543	1/17/13 4:00	38.132	22.745	34.781	36.273	27.686	30.195	36.824
11/3/12 4:00	38.435	38.317	33.536	1/17/13 5:00	38.135	22.759	34.797	36.276	27.691	30.207	36.841
11/3/12 4:20	38.426	38.305	33.532	1/17/13 6:00	38.134	22.766	34.804	36.276	27.705	30.219	36.852
11/3/12 4:40	38.423	38.303	33.529	1/17/13 7:00	38.123	22.778	34.815	36.280	27.705	30.230	36.862
11/3/12 5:00	38.421	38.301	33.532	1/17/13 8:00	38.121	22.776	34.818	36.269	27.714	30.233	36.866
11/3/12 5:20	38.416	38.291	33.532	1/17/13 9:00	38.118	22.783	34.822	36.266	27.726	30.237	36.873
11/3/12 5:40	38.416	38.298	33.532	1/17/13 10:00	38.134	22.799	34.834	36.264	27.749	30.247	36.880
11/3/12 6:00	38.409	38.289	33.527	1/17/13 11:00	38.151	22.825	34.855	36.280	27.773	30.268	36.897
11/3/12 6:20	38.409	38.287	33.527	1/17/13 12:00	38.132	22.843	34.874	36.292	27.789	30.291	36.915
11/3/12 6:40	38.407	38.287	33.527	1/17/13 13:00	38.086	22.829	34.927	36.278	27.873	30.333	36.955
11/3/12 7:00	38.407	38.286	33.525	1/17/13 14:00	38.032	22.799	35.225	36.243	27.859	30.415	37.049
11/3/12 7:20	38.405	38.284	33.525	1/17/13 15:00	37.992	22.773	35.167	36.203	27.810	30.455	37.147
11/3/12 7:40	38.405	38.284	33.525	1/17/13 16:00	37.976	22.755	35.067	36.171	27.777	30.406	37.089
11/3/12 8:00	38.405	38.282	33.527	1/17/13 17:00	37.974	22.759	35.034	36.159	27.752	30.340	37.018
11/3/12 8:20	38.400	38.277	33.522	1/17/13 18:00	37.976	22.769	34.937	36.157	27.775	30.317	36.976
11/3/12 8:40	38.402	38.282	33.525	1/17/13 19:00	37.978	22.778	35.025	36.157	27.759	30.324	36.967
11/3/12 9:00	38.405	38.282	33.529	1/17/13 20:00	37.971	22.776	34.941	36.159	27.738	30.324	36.969
11/3/12 9:20	38.405	38.284	33.532	1/17/13 21:00	37.955	22.780	34.906	36.154	27.698	30.296	36.925
11/3/12 9:40	38.423	38.303	33.661	1/17/13 22:00	37.948	22.769	34.843	36.138	27.677	30.247	36.883
11/3/12 10:00	38.409	38.294	33.562	1/17/13 23:00	37.937	22.764	34.815	36.133	27.658	30.219	36.852
11/3/12 10:20	38.412	38.294	33.548	1/18/13 0:00	37.927	22.759	34.790	36.124	27.637	30.198	36.831
11/3/12 10:40	38.409	38.291	33.543	1/18/13 1:00	37.916	22.750	34.769	36.117	27.614	30.177	36.815
11/3/12 11:00	38.409	38.289	33.539	1/18/13 2:00	37.904	22.741	34.743	36.103	27.595	30.156	36.796
11/3/12 11:20	38.414	38.291	33.719	1/18/13 3:00	37.892	22.727	34.722	36.094	27.577	30.132	36.780
11/3/12 11:40	38.421	38.301	33.581	1/18/13 4:00	37.885	22.722	34.706	36.084	27.555	30.114	36.763
11/3/12 12:00	38.421	38.301	33.558	1/18/13 5:00	37.860	22.711	34.683	36.077	27.520	30.097	36.747
11/3/12 12:20	38.416	38.294	33.550	1/18/13 6:00	37.836	22.692	34.655	36.054	27.490	30.064	36.726
11/3/12 12:40	38.433	38.317	33.637	1/18/13 7:00	37.820	22.671	34.624	36.038	27.462	30.032	36.703
11/3/12 13:00	38.421	38.303	33.574	1/18/13 8:00	37.825	22.650	34.597	36.021	27.453	30.004	36.677

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/3/12 13:20	38.412	38.291	33.550	1/18/13 9:00	37.829	22.657	34.587	36.024	27.441	29.990	36.663
11/3/12 13:40	38.405	38.282	33.536	1/18/13 10:00	37.843	22.662	34.576	36.026	27.446	29.980	36.649
11/3/12 14:00	38.419	38.301	33.642	1/18/13 11:00	37.857	22.669	34.573	36.040	27.434	29.978	36.644
11/3/12 14:20	38.402	38.284	33.555	1/18/13 12:00	37.827	22.657	34.564	36.049	27.523	29.978	36.637
11/3/12 14:40	38.391	38.273	33.527	1/18/13 13:00	37.815	22.624	34.853	36.024	27.563	30.097	36.754
11/3/12 15:00	38.384	38.261	33.595	1/18/13 14:00	37.780	22.601	34.962	36.014	27.544	30.179	36.878
11/3/12 15:20	38.393	38.275	33.553	1/18/13 15:00	37.769	22.571	34.927	35.989	27.579	30.149	36.876
11/3/12 15:40	38.377	38.256	33.518	1/18/13 16:00	37.767	22.564	35.025	35.979	27.602	30.200	36.925
11/3/12 16:00	38.379	38.256	33.694	1/18/13 17:00	37.762	22.547	35.060	35.979	27.654	30.247	36.983
11/3/12 16:20	38.398	38.279	33.649	1/18/13 18:00	37.778	22.529	35.170	35.975	27.553	30.331	37.039
11/3/12 16:40	38.374	38.256	33.539	1/18/13 19:00	37.808	22.540	34.888	35.991	27.563	30.191	36.915
11/3/12 17:00	38.386	38.268	33.572	1/18/13 20:00	37.827	22.554	34.899	36.014	27.492	30.153	36.836
11/3/12 17:20	38.393	38.280	33.616	1/18/13 21:00	37.832	22.557	34.715	36.026	27.462	30.078	36.747
11/3/12 17:40	38.377	38.256	33.541	1/18/13 22:00	37.834	22.547	34.659	36.031	27.446	30.036	36.689
11/3/12 18:00	38.391	38.272	33.588	1/18/13 23:00	37.834	22.536	34.652	36.031	27.406	29.992	36.642
11/3/12 18:20	38.391	38.273	33.600	1/19/13 0:00	37.834	22.526	34.576	36.028	27.399	29.966	36.614
11/3/12 18:40	38.402	38.284	33.611	1/19/13 1:00	37.829	22.519	34.597	36.028	27.373	29.962	36.600
11/3/12 19:00	38.381	38.263	33.558	1/19/13 2:00	37.839	22.501	34.562	36.024	27.366	29.929	36.588
11/3/12 19:20	38.372	38.252	33.534	1/19/13 3:00	37.853	22.505	34.529	36.031	27.371	29.917	36.576
11/3/12 19:40	38.367	38.247	33.520	1/19/13 4:00	37.864	22.505	34.543	36.040	27.355	29.924	36.572
11/3/12 20:00	38.384	38.259	33.769	1/19/13 5:00	37.867	22.503	34.503	36.049	27.338	29.903	36.560
11/3/12 20:20	38.381	38.261	33.560	1/19/13 6:00	37.869	22.496	34.485	36.049	27.334	29.887	36.548
11/3/12 20:40	38.393	38.275	33.640	1/19/13 7:00	37.883	22.498	34.478	36.054	27.334	29.875	36.541
11/3/12 21:00	38.402	38.287	33.597	1/19/13 8:00	37.916	22.505	34.475	36.063	27.355	29.873	36.539
11/3/12 21:20	38.407	38.291	33.715	1/19/13 9:00	37.941	22.531	34.489	36.091	27.373	29.891	36.551
11/3/12 21:40	38.395	38.277	33.576	1/19/13 10:00	37.969	22.543	34.506	36.112	27.413	29.908	36.562
11/3/12 22:00	38.414	38.294	33.647	1/19/13 11:00	38.018	22.571	34.543	36.133	27.443	29.934	36.595
11/3/12 22:20	38.419	38.301	33.658	1/19/13 12:00	38.027	22.601	34.566	36.175	27.457	29.966	36.616
11/3/12 22:40	38.400	38.282	33.579	1/19/13 13:00	38.018	22.599	34.583	36.182	27.506	29.985	36.637
11/3/12 23:00	38.407	38.291	33.616	1/19/13 14:00	38.002	22.589	34.739	36.175	27.499	30.039	36.710
11/3/12 23:20	38.393	38.272	33.565	1/19/13 15:00	37.988	22.575	34.727	36.164	27.551	30.043	36.754
11/3/12 23:40	38.388	38.265	33.543	1/19/13 16:00	37.997	22.573	34.897	36.154	27.759	30.064	36.780
11/4/12 0:00	38.377	38.258	33.529	1/19/13 17:00	38.004	22.587	35.344	36.173	27.796	30.343	37.051
11/4/12 0:20	38.395	38.275	33.588	1/19/13 18:00	38.018	22.596	35.288	36.189	27.773	30.441	37.210

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/4/12 0:40	38.384	38.263	33.546	1/19/13 19:00	38.025	22.617	35.181	36.196	27.749	30.382	37.128
11/4/12 1:00	38.374	38.254	33.527	1/19/13 20:00	38.034	22.624	35.081	36.196	27.714	30.329	37.042
11/4/12 1:20	38.372	38.251	33.515	1/19/13 21:00	38.048	22.641	34.986	36.206	27.691	30.286	36.965
11/4/12 1:40	38.384	38.263	33.574	1/19/13 22:00	38.060	22.652	34.881	36.215	27.682	30.258	36.901
11/4/12 2:00	38.370	38.249	33.529	1/19/13 23:00	38.065	22.666	34.846	36.224	27.677	30.235	36.859
11/4/12 2:20	38.363	38.240	33.508	1/20/13 0:00	38.079	22.678	34.825	36.227	27.684	30.223	36.836
11/4/12 2:40	38.353	38.233	33.499	1/20/13 1:00	38.086	22.697	34.815	36.238	27.684	30.223	36.827
11/4/12 3:00	38.349	38.228	33.489	1/20/13 2:00	38.062	22.708	34.809	36.243	27.668	30.226	36.827
11/4/12 3:20	38.365	38.247	33.616	1/20/13 3:00	38.055	22.692	34.792	36.224	27.661	30.205	36.817
11/4/12 3:40	38.356	38.235	33.518	1/20/13 4:00	38.055	22.692	34.783	36.217	27.663	30.198	36.813
11/4/12 4:00	38.349	38.228	33.494	1/20/13 5:00	38.039	22.704	34.781	36.220	27.649	30.198	36.810
11/4/12 4:20	38.337	38.216	33.482	1/20/13 6:00	38.032	22.699	34.767	36.203	27.640	30.184	36.806
11/4/12 4:40	38.337	38.216	33.475	1/20/13 7:00	37.999	22.701	34.760	36.199	27.612	30.179	36.801
11/4/12 5:00	38.328	38.205	33.466	1/20/13 8:00	37.999	22.680	34.736	36.173	27.616	30.156	36.787
11/4/12 5:20	38.318	38.200	33.459	1/20/13 9:00	37.988	22.699	34.736	36.175	27.609	30.149	36.785
11/4/12 5:40	38.337	38.216	33.506	1/20/13 10:00	37.997	22.697	34.729	36.164	27.626	30.139	36.777
11/4/12 6:00	38.328	38.205	33.475	1/20/13 11:00	38.011	22.713	34.755	36.171	27.637	30.156	36.799
11/4/12 6:20	38.321	38.200	33.464	1/20/13 12:00	38.020	22.738	34.757	36.182	27.651	30.160	36.796
11/4/12 6:40	38.316	38.195	33.454	1/20/13 13:00	37.992	22.736	34.785	36.189	27.614	30.193	36.813
11/4/12 7:00	38.311	38.191	33.450	1/20/13 14:00	37.971	22.701	34.743	36.168	27.598	30.158	36.801
11/4/12 7:20	38.309	38.186	33.445	1/20/13 15:00	37.967	22.697	34.727	36.150	27.607	30.132	36.787
11/4/12 7:40	38.332	38.214	33.553	1/20/13 16:00	37.983	22.713	34.746	36.150	27.626	30.142	36.796
11/4/12 8:00	38.325	38.205	33.478	1/20/13 17:00	37.985	22.722	34.776	36.171	27.637	30.163	36.822
11/4/12 8:20	38.323	38.202	33.461	1/20/13 18:00	38.011	22.734	34.788	36.178	27.677	30.167	36.864
11/4/12 8:40	38.318	38.198	33.457	1/20/13 19:00	38.039	22.762	34.843	36.192	27.759	30.188	36.869
11/4/12 9:00	38.332	38.214	33.527	1/20/13 20:00	38.069	22.783	35.037	36.215	27.852	30.308	36.948
11/4/12 9:20	38.323	38.205	33.475	1/20/13 21:00	38.067	22.797	35.172	36.238	27.843	30.434	37.098
11/4/12 9:40	38.335	38.216	33.562	1/20/13 22:00	38.062	22.801	35.111	36.236	27.848	30.399	37.067
11/4/12 10:00	38.325	38.207	33.482	1/20/13 23:00	38.069	22.801	35.093	36.236	27.850	30.438	37.091
11/4/12 10:20	38.339	38.219	33.597	1/21/13 0:00	38.088	22.815	35.065	36.238	27.864	30.420	37.063
11/4/12 10:40	38.325	38.205	33.658	1/21/13 1:00	38.086	22.846	35.067	36.252	27.820	30.394	37.030
11/4/12 11:00	38.351	38.237	33.588	1/21/13 2:00	38.039	22.829	34.972	36.250	27.799	30.373	36.986
11/4/12 11:20	38.563	38.527	33.778	1/21/13 3:00	38.030	22.799	34.962	36.210	27.770	30.357	36.967
11/4/12 11:40	38.685	38.665	33.839	1/21/13 4:00	38.009	22.808	34.909	36.206	27.745	30.317	36.932

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/4/12 12:00	38.710	38.740	33.656	1/21/13 5:00	38.002	22.799	34.876	36.187	27.728	30.284	36.897
11/4/12 12:20	38.722	38.717	33.769	1/21/13 6:00	37.990	22.799	34.850	36.180	27.710	30.265	36.878
11/4/12 12:40	38.780	38.773	33.733	1/21/13 7:00	37.988	22.794	34.834	36.171	27.700	30.247	36.862
11/4/12 13:00	38.694	38.749	33.567	1/21/13 8:00	37.985	22.799	34.820	36.166	27.698	30.235	36.850
11/4/12 13:20	38.817	38.873	33.717	1/21/13 9:00	37.983	22.808	34.813	36.166	27.705	30.228	36.845
11/4/12 13:40	38.829	38.889	33.719	1/21/13 10:00	37.985	22.811	34.832	36.164	27.698	30.244	36.862
11/4/12 14:00	38.815	38.831	33.759	1/21/13 11:00	37.992	22.820	34.815	36.166	27.693	30.228	36.852
11/4/12 14:20	38.890	38.967	33.691	1/21/13 12:00	37.995	22.827	34.809	36.171	27.682	30.226	36.848
11/4/12 14:40	38.761	38.794	33.630	1/21/13 13:00	37.976	22.818	34.797	36.173	27.663	30.221	36.838
11/4/12 15:00	38.633	38.686	33.546	1/21/13 14:00	37.918	22.808	34.781	36.157	27.665	30.200	36.827
11/4/12 15:20	38.584	38.448	33.581	1/21/13 15:00	37.888	22.755	34.902	36.108	27.693	30.214	36.841
11/4/12 15:40	38.666	38.630	33.607	1/21/13 16:00	37.862	22.745	34.990	36.084	27.689	30.237	36.899
11/4/12 16:00	38.463	38.361	33.518	1/21/13 17:00	37.869	22.727	34.993	36.063	27.658	30.261	36.939
11/4/12 16:20	38.479	38.340	33.644	1/21/13 18:00	37.853	22.727	34.902	36.070	27.679	30.228	36.908
11/4/12 16:40	38.428	38.333	33.597	1/21/13 19:00	37.862	22.713	35.004	36.056	27.677	30.233	36.892
11/4/12 17:00	38.391	38.282	33.600	1/21/13 20:00	37.883	22.720	34.958	36.066	27.630	30.251	36.922
11/4/12 17:20	38.370	38.259	33.565	1/21/13 21:00	37.920	22.729	34.813	36.082	27.630	30.195	36.855
11/4/12 17:40	38.379	38.268	33.745	1/21/13 22:00	37.941	22.762	34.783	36.112	27.644	30.174	36.813
11/4/12 18:00	38.400	38.291	33.853	1/21/13 23:00	37.953	22.766	34.827	36.126	27.628	30.170	36.796
11/4/12 18:20	38.614	38.630	33.576	1/22/13 0:00	37.955	22.771	34.764	36.136	27.628	30.170	36.794
11/4/12 18:40	38.710	38.777	34.010	1/22/13 1:00	37.939	22.764	34.767	36.138	27.598	30.172	36.796
11/4/12 19:00	38.652	38.691	33.947	1/22/13 2:00	37.941	22.750	34.729	36.124	27.602	30.139	36.770
11/4/12 19:20	38.803	38.834	33.823	1/22/13 3:00	37.939	22.743	34.778	36.126	27.586	30.125	36.754
11/4/12 19:40	38.808	38.852	34.050	1/22/13 4:00	37.934	22.745	34.718	36.122	27.567	30.121	36.754
11/4/12 20:00	38.684	38.600	34.177	1/22/13 5:00	37.906	22.736	34.692	36.119	27.532	30.102	36.738
11/4/12 20:20	38.939	38.964	34.456	1/22/13 6:00	37.885	22.708	34.662	36.094	27.513	30.071	36.714
11/4/12 20:40	38.822	38.675	34.482	1/22/13 7:00	37.899	22.701	34.641	36.075	27.504	30.046	36.700
11/4/12 21:00	38.911	38.941	34.400	1/22/13 8:00	37.920	22.694	34.629	36.087	27.525	30.041	36.693
11/4/12 21:20	38.754	38.658	34.465	1/22/13 9:00	37.962	22.729	34.645	36.103	27.551	30.050	36.698
11/4/12 21:40	38.729	38.632	34.547	1/22/13 10:00	37.957	22.759	34.666	36.140	27.539	30.078	36.714
11/4/12 22:00	38.724	38.625	34.470	1/22/13 11:00	37.960	22.741	34.659	36.136	27.541	30.069	36.717
11/4/12 22:20	38.719	38.623	34.507	1/22/13 12:00	37.971	22.741	34.662	36.140	27.551	30.069	36.719
11/4/12 22:40	38.726	38.633	34.512	1/22/13 13:00	37.941	22.759	34.669	36.150	27.513	30.076	36.726
11/4/12 23:00	38.724	38.630	34.568	1/22/13 14:00	37.923	22.711	34.641	36.122	27.497	30.055	36.712

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/4/12 23:20	38.729	38.635	34.618	1/22/13 15:00	37.899	22.699	34.627	36.108	27.490	30.034	36.703
11/4/12 23:40	38.731	38.639	34.561	1/22/13 16:00	37.885	22.680	34.650	36.087	27.460	30.041	36.710
11/5/12 0:00	38.736	38.642	34.491	1/22/13 17:00	37.892	22.664	34.604	36.077	27.462	30.006	36.686
11/5/12 0:20	38.740	38.647	34.627	1/22/13 18:00	37.895	22.683	34.599	36.082	27.453	29.994	36.675
11/5/12 0:40	38.745	38.653	34.592	1/22/13 19:00	37.911	22.671	34.587	36.080	27.460	29.990	36.665
11/5/12 1:00	38.745	38.651	34.545	1/22/13 20:00	37.927	22.685	34.592	36.096	27.616	29.994	36.668
11/5/12 1:20	38.743	38.649	34.662	1/22/13 21:00	37.939	22.692	35.007	36.112	27.593	30.139	36.792
11/5/12 1:40	38.743	38.649	34.613	1/22/13 22:00	37.953	22.699	34.846	36.122	27.623	30.184	36.869
11/5/12 2:00	38.738	38.646	34.519	1/22/13 23:00	37.964	22.706	34.902	36.133	27.616	30.179	36.862
11/5/12 2:20	38.740	38.644	34.672	1/23/13 0:00	37.955	22.708	34.853	36.143	27.598	30.167	36.859
11/5/12 2:40	38.745	38.651	34.641	1/23/13 1:00	37.960	22.694	34.848	36.136	27.572	30.158	36.843
11/5/12 3:00	38.745	38.653	34.571	1/23/13 2:00	37.946	22.704	34.746	36.140	27.541	30.128	36.799
11/5/12 3:20	38.754	38.660	34.772	1/23/13 3:00	37.932	22.685	34.697	36.126	27.527	30.090	36.752
11/5/12 3:40	38.759	38.668	34.681	1/23/13 4:00	37.920	22.669	34.690	36.115	27.513	30.081	36.740
11/5/12 4:00	38.754	38.665	34.571	1/23/13 5:00	37.909	22.659	34.676	36.105	27.488	30.067	36.721
11/5/12 4:20	38.752	38.660	34.629	1/23/13 6:00	37.904	22.650	34.634	36.096	27.469	30.032	36.693
11/5/12 4:40	38.754	38.660	34.709	1/23/13 7:00	37.909	22.641	34.611	36.091	27.464	30.011	36.672
11/5/12 5:00	38.757	38.665	34.632	1/23/13 8:00	37.916	22.652	34.601	36.094	27.462	30.004	36.663
11/5/12 5:20	38.757	38.665	34.566	1/23/13 9:00	37.909	22.648	34.599	36.098	27.448	29.999	36.663
11/5/12 5:40	38.761	38.670	34.712	1/23/13 10:00	37.913	22.634	34.583	36.094	27.457	29.990	36.656
11/5/12 6:00	39.076	39.135	34.721	1/23/13 11:00	37.944	22.655	34.590	36.096	27.469	29.983	36.658
11/5/12 6:20	39.146	39.224	34.643	1/23/13 12:00	37.950	22.666	34.599	36.119	27.471	29.997	36.663
11/5/12 6:40	39.247	39.359	34.629	1/23/13 13:00	37.946	22.666	34.604	36.129	27.464	30.004	36.668
11/5/12 7:00	39.223	39.345	34.719	1/23/13 14:00	37.927	22.662	34.594	36.124	27.460	29.999	36.668
11/5/12 7:20	39.274	39.385	34.824	1/23/13 15:00	37.927	22.636	34.601	36.108	27.469	29.992	36.677
11/5/12 7:40	39.277	39.352	34.784	1/23/13 16:00	37.923	22.641	34.634	36.112	27.464	30.011	36.698
11/5/12 8:00	39.323	39.415	34.707	1/23/13 17:00	37.948	22.641	34.622	36.108	27.497	30.008	36.705
11/5/12 8:20	39.396	39.502	34.768	1/23/13 18:00	37.988	22.659	34.659	36.126	27.518	30.041	36.728
11/5/12 8:40	39.452	39.581	34.887	1/23/13 19:00	38.020	22.697	34.659	36.159	27.551	30.043	36.719
11/5/12 9:00	39.396	39.490	34.845	1/23/13 20:00	38.041	22.725	34.685	36.187	27.567	30.076	36.742
11/5/12 9:20	39.272	39.303	34.768	1/23/13 21:00	38.074	22.734	34.697	36.203	27.593	30.095	36.752
11/5/12 9:40	39.260	39.289	34.843	1/23/13 22:00	38.100	22.757	34.715	36.231	27.619	30.118	36.775
11/5/12 10:00	39.312	39.303	34.930	1/23/13 23:00	38.104	22.778	34.736	36.252	27.759	30.146	36.796
11/5/12 10:20	39.452	39.563	34.838	1/24/13 0:00	38.121	22.787	35.046	36.259	27.770	30.322	36.953

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/5/12 10:40	39.538	39.708	34.852	1/24/13 1:00	38.111	22.813	35.000	36.273	27.745	30.343	37.004
11/5/12 11:00	39.466	39.612	34.444	1/24/13 2:00	38.104	22.804	34.937	36.266	27.733	30.298	36.955
11/5/12 11:20	39.351	39.418	34.442	1/24/13 3:00	38.095	22.806	34.925	36.259	27.733	30.265	36.915
11/5/12 11:40	39.433	39.595	34.233	1/24/13 4:00	38.079	22.811	34.904	36.252	27.815	30.261	36.904
11/5/12 12:00	39.454	39.600	34.496	1/24/13 5:00	38.058	22.806	35.093	36.243	27.747	30.392	37.044
11/5/12 12:20	39.391	39.469	34.362	1/24/13 6:00	38.030	22.804	34.925	36.224	27.707	30.308	36.965
11/5/12 12:40	39.447	39.572	34.357	1/24/13 7:00	38.039	22.792	34.862	36.201	27.707	30.254	36.901
11/5/12 13:00	39.274	39.488	34.231	1/24/13 8:00	38.034	22.818	34.843	36.210	27.691	30.240	36.878
11/5/12 13:20	39.389	39.518	34.559	1/24/13 9:00	38.039	22.808	34.822	36.206	27.693	30.233	36.859
11/5/12 13:40	39.382	39.546	34.282	1/24/13 10:00	38.016	22.820	34.820	36.208	27.677	30.228	36.857
11/5/12 14:00	39.298	39.341	34.212	1/24/13 11:00	38.041	22.813	34.806	36.192	27.717	30.212	36.850
11/5/12 14:20	39.226	39.313	34.296	1/24/13 12:00	38.002	22.846	34.897	36.213	27.668	30.244	36.866
11/5/12 14:40	39.256	39.338	34.088	1/24/13 13:00	37.957	22.794	34.804	36.178	27.637	30.214	36.864
11/5/12 15:00	39.165	39.284	34.017	1/24/13 14:00	37.909	22.771	34.785	36.145	27.584	30.191	36.843
11/5/12 15:20	38.920	38.904	33.975	1/24/13 15:00	37.853	22.736	34.727	36.101	27.560	30.130	36.796
11/5/12 15:40	38.883	38.840	33.933	1/24/13 16:00	37.811	22.692	34.778	36.056	27.563	30.109	36.775
11/5/12 16:00	38.726	38.633	33.898	1/24/13 17:00	37.790	22.673	34.855	36.021	27.567	30.116	36.817
11/5/12 16:20	38.710	38.693	34.057	1/24/13 18:00	37.780	22.652	34.920	36.003	27.537	30.132	36.822
11/5/12 16:40	38.642	38.539	34.029	1/24/13 19:00	37.822	22.634	34.820	35.991	27.563	30.111	36.820
11/5/12 17:00	38.610	38.506	34.085	1/24/13 20:00	37.834	22.680	34.834	36.031	27.539	30.118	36.799
11/5/12 17:20	38.582	38.478	33.926	1/24/13 21:00	37.846	22.676	34.757	36.038	27.497	30.109	36.775
11/5/12 17:40	38.570	38.464	34.078	1/24/13 22:00	37.843	22.669	34.673	36.047	27.481	30.060	36.726
11/5/12 18:00	38.566	38.462	34.045	1/24/13 23:00	37.860	22.655	34.659	36.042	27.511	30.046	36.705
11/5/12 18:20	38.561	38.459	34.097	1/25/13 0:00	37.853	22.671	34.713	36.059	27.488	30.062	36.726
11/5/12 18:40	38.573	38.473	34.050	1/25/13 1:00	37.867	22.655	34.676	36.052	27.488	30.053	36.724
11/5/12 19:00	38.526	38.422	33.891	1/25/13 2:00	37.874	22.650	34.678	36.061	27.464	30.039	36.698
11/5/12 19:20	38.540	38.434	34.085	1/25/13 3:00	37.883	22.655	34.620	36.066	27.467	30.006	36.672
11/5/12 19:40	38.528	38.427	33.989	1/25/13 4:00	37.897	22.648	34.636	36.073	27.457	30.013	36.661
11/5/12 20:00	38.496	38.387	33.839	1/25/13 5:00	37.918	22.655	34.613	36.084	27.460	30.008	36.661
11/5/12 20:20	38.486	38.380	33.851	1/25/13 6:00	37.939	22.662	34.599	36.101	27.464	29.997	36.644
11/5/12 20:40	38.484	38.375	33.867	1/25/13 7:00	37.946	22.676	34.597	36.119	27.467	29.997	36.642
11/5/12 21:00	38.470	38.364	33.865	1/25/13 8:00	37.964	22.683	34.592	36.124	27.474	29.997	36.640
11/5/12 21:20	38.458	38.350	33.940	1/25/13 9:00	37.985	22.685	34.599	36.138	27.490	30.006	36.651
11/5/12 21:40	38.475	38.361	34.092	1/25/13 10:00	37.983	22.694	34.615	36.157	27.499	30.022	36.670

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/5/12 22:00	38.447	38.338	33.797	1/25/13 11:00	38.004	22.692	34.636	36.152	27.534	30.034	36.696
11/5/12 22:20	38.447	38.340	33.820	1/25/13 12:00	38.037	22.717	34.687	36.173	27.544	30.069	36.717
11/5/12 22:40	38.419	38.310	33.736	1/25/13 13:00	38.013	22.732	34.673	36.199	27.534	30.078	36.731
11/5/12 23:00	38.479	38.366	33.797	1/25/13 14:00	37.967	22.718	34.676	36.180	27.511	30.076	36.740
11/5/12 23:20	38.468	38.354	33.722	1/25/13 15:00	37.948	22.673	34.692	36.140	27.502	30.034	36.719
11/5/12 23:40	38.458	38.350	33.745	1/25/13 16:00	37.937	22.671	34.666	36.129	27.492	30.048	36.740
11/6/12 0:00	38.454	38.343	33.780	1/25/13 17:00	37.932	22.669	34.659	36.119	27.474	30.041	36.731
11/6/12 0:20	38.423	38.312	33.691	1/25/13 18:00	37.925	22.664	34.622	36.115	27.469	30.015	36.703
11/6/12 0:40	38.398	38.282	33.651	1/25/13 19:00	37.934	22.655	34.624	36.110	27.471	30.013	36.696
11/6/12 1:00	38.386	38.270	33.630	1/25/13 20:00	37.950	22.671	34.617	36.117	27.497	30.008	36.693
11/6/12 1:20	38.395	38.284	33.712	1/25/13 21:00	37.946	22.676	34.669	36.131	27.607	30.020	36.703
11/6/12 1:40	38.393	38.273	33.916	1/25/13 22:00	37.948	22.671	34.965	36.129	27.621	30.167	36.838
11/6/12 2:00	38.386	38.275	33.670	1/25/13 23:00	37.957	22.669	34.967	36.131	27.588	30.198	36.908
11/6/12 2:20	38.386	38.268	33.912	1/26/13 0:00	37.962	22.671	34.853	36.140	27.626	30.165	36.878
11/6/12 2:40	38.379	38.265	33.661	1/26/13 1:00	37.964	22.678	34.925	36.145	27.593	30.209	36.897
11/6/12 3:00	38.358	38.247	33.616	1/26/13 2:00	37.953	22.678	34.815	36.147	27.563	30.172	36.857
11/6/12 3:20	38.344	38.230	33.590	1/26/13 3:00	37.950	22.669	34.748	36.136	27.546	30.128	36.803
11/6/12 3:40	38.346	38.230	33.736	1/26/13 4:00	37.941	22.671	34.725	36.133	27.527	30.106	36.770
11/6/12 4:00	38.330	38.214	33.583	1/26/13 5:00	37.927	22.657	34.694	36.124	27.509	30.085	36.742
11/6/12 4:20	38.316	38.198	33.553	1/26/13 6:00	37.918	22.645	34.678	36.112	27.483	30.069	36.717
11/6/12 4:40	38.309	38.188	33.532	1/26/13 7:00	37.920	22.641	34.634	36.105	27.474	30.032	36.684
11/6/12 5:00	38.295	38.179	33.518	1/26/13 8:00	37.923	22.650	34.617	36.105	27.469	30.015	36.668
11/6/12 5:20	38.288	38.170	33.506	1/26/13 9:00	37.934	22.648	34.608	36.108	27.471	30.006	36.658
11/6/12 5:40	38.283	38.167	33.497	1/26/13 10:00	37.948	22.652	34.606	36.117	27.476	30.008	36.663
11/6/12 6:00	38.274	38.158	33.489	1/26/13 11:00	37.944	22.655	34.611	36.126	27.467	30.011	36.668
11/6/12 6:20	38.272	38.156	33.482	1/26/13 12:00	37.937	22.650	34.604	36.124	27.471	30.004	36.670
11/6/12 6:40	38.281	38.160	33.485	1/26/13 13:00	37.911	22.636	34.629	36.117	27.432	30.020	36.684
11/6/12 7:00	38.297	38.186	33.558	1/26/13 14:00	37.869	22.615	34.583	36.096	27.387	29.983	36.665
11/6/12 7:20	38.286	38.167	33.508	1/26/13 15:00	37.841	22.573	34.541	36.061	27.429	29.941	36.635
11/6/12 7:40	38.283	38.165	33.494	1/26/13 16:00	37.822	22.554	34.713	36.038	27.518	29.962	36.654
11/6/12 8:00	38.276	38.158	33.480	1/26/13 17:00	37.825	22.543	34.934	36.026	27.450	30.102	36.803
11/6/12 8:20	38.302	38.186	33.541	1/26/13 18:00	37.813	22.550	34.725	36.028	27.457	30.062	36.785
11/6/12 8:40	38.293	38.181	33.513	1/26/13 19:00	37.825	22.531	34.774	36.017	27.485	30.043	36.742
11/6/12 9:00	38.297	38.179	33.511	1/26/13 20:00	37.832	22.529	34.862	36.026	27.425	30.064	36.756

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/6/12 9:20	38.302	38.181	33.511	1/26/13 21:00	37.841	22.529	34.662	36.033	27.392	30.015	36.724
11/6/12 9:40	38.321	38.200	33.663	1/26/13 22:00	37.848	22.531	34.590	36.040	27.364	29.959	36.656
11/6/12 10:00	38.342	38.228	33.642	1/26/13 23:00	37.848	22.515	34.543	36.042	27.355	29.931	36.614
11/6/12 10:20	38.822	38.960	33.973	1/27/13 0:00	37.832	22.510	34.531	36.045	27.317	29.915	36.600
11/6/12 10:40	39.055	39.212	34.095	1/27/13 1:00	37.827	22.485	34.487	36.031	27.299	29.875	36.567
11/6/12 11:00	39.106	39.261	33.872	1/27/13 2:00	37.815	22.475	34.464	36.026	27.270	29.854	36.541
11/6/12 11:20	39.130	39.268	33.752	1/27/13 3:00	37.799	22.459	34.434	36.012	27.240	29.824	36.516
11/6/12 11:40	39.092	39.268	34.013	1/27/13 4:00	37.776	22.436	34.403	36.000	27.200	29.791	36.490
11/6/12 12:00	39.130	39.219	33.898	1/27/13 5:00	37.757	22.410	34.364	35.979	27.168	29.756	36.457
11/6/12 12:20	39.167	39.320	34.015	1/27/13 6:00	37.736	22.384	34.329	35.963	27.133	29.723	36.427
11/6/12 12:40	39.260	39.415	34.006	1/27/13 7:00	37.736	22.359	34.301	35.947	27.112	29.686	36.399
11/6/12 13:00	39.209	39.343	34.165	1/27/13 8:00	37.729	22.359	34.277	35.947	27.091	29.665	36.375
11/6/12 13:20	39.144	39.224	34.177	1/27/13 9:00	37.736	22.335	34.252	35.940	27.105	29.639	36.357
11/6/12 13:40	39.146	39.242	34.045	1/27/13 10:00	37.746	22.340	34.301	35.944	27.079	29.639	36.364
11/6/12 14:00	39.160	39.266	33.855	1/27/13 11:00	37.760	22.331	34.252	35.951	27.076	29.632	36.357
11/6/12 14:20	39.174	39.289	33.808	1/27/13 12:00	37.762	22.333	34.247	35.961	27.069	29.627	36.359
11/6/12 14:40	39.111	39.254	33.783	1/27/13 13:00	37.767	22.321	34.240	35.963	27.102	29.620	36.359
11/6/12 15:00	39.113	39.252	33.759	1/27/13 14:00	37.753	22.310	34.375	35.965	27.203	29.639	36.382
11/6/12 15:20	39.088	39.245	33.982	1/27/13 15:00	37.748	22.286	34.669	35.956	27.156	29.749	36.499
11/6/12 15:40	39.174	39.291	34.099	1/27/13 16:00	37.797	22.277	34.471	35.954	27.170	29.761	36.553
11/6/12 16:00	39.151	39.287	33.837	1/27/13 17:00	37.853	22.321	34.436	35.993	27.249	29.749	36.495
11/6/12 16:20	39.195	39.331	33.891	1/27/13 18:00	37.885	22.363	34.592	36.047	27.292	29.840	36.565
11/6/12 16:40	39.235	39.399	33.804	1/27/13 19:00	37.909	22.384	34.601	36.080	27.294	29.903	36.658
11/6/12 17:00	39.190	39.322	33.780	1/27/13 20:00	37.925	22.403	34.562	36.094	27.266	29.875	36.618
11/6/12 17:20	39.144	39.294	33.980	1/27/13 21:00	37.948	22.405	34.473	36.103	27.280	29.831	36.553
11/6/12 17:40	39.044	39.116	33.811	1/27/13 22:00	37.957	22.422	34.520	36.119	27.273	29.821	36.530
11/6/12 18:00	38.969	39.039	33.773	1/27/13 23:00	37.962	22.417	34.454	36.126	27.273	29.828	36.534
11/6/12 18:20	38.691	38.583	34.008	1/28/13 0:00	37.960	22.419	34.445	36.131	27.270	29.821	36.525
11/6/12 18:40	38.612	38.504	33.776	1/28/13 1:00	37.960	22.412	34.438	36.129	27.270	29.817	36.523
11/6/12 19:00	38.561	38.448	33.729	1/28/13 2:00	37.960	22.419	34.431	36.131	27.263	29.814	36.518
11/6/12 19:20	38.524	38.410	33.701	1/28/13 3:00	37.934	22.412	34.426	36.129	27.242	29.810	36.513
11/6/12 19:40	38.496	38.382	33.679	1/28/13 4:00	37.927	22.391	34.406	36.105	27.235	29.789	36.499
11/6/12 20:00	38.493	38.382	33.743	1/28/13 5:00	37.923	22.391	34.394	36.103	27.228	29.779	36.487
11/6/12 20:20	38.470	38.357	33.679	1/28/13 6:00	37.913	22.396	34.382	36.098	27.214	29.770	36.476

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/6/12 20:40	38.470	38.357	33.724	1/28/13 7:00	37.911	22.382	34.371	36.089	27.212	29.761	36.462
11/6/12 21:00	38.451	38.338	33.668	1/28/13 8:00	37.913	22.384	34.368	36.089	27.221	29.756	36.459
11/6/12 21:20	38.456	38.340	33.717	1/28/13 9:00	37.918	22.398	34.373	36.091	27.219	29.756	36.462
11/6/12 21:40	38.437	38.324	33.661	1/28/13 10:00	37.897	22.384	34.385	36.089	27.207	29.768	36.476
11/6/12 22:00	38.426	38.310	33.637	1/28/13 11:00	37.892	22.370	34.366	36.077	27.193	29.749	36.469
11/6/12 22:20	38.414	38.298	33.623	1/28/13 12:00	37.890	22.373	34.359	36.073	27.193	29.739	36.462
11/6/12 22:40	38.407	38.289	33.614	1/28/13 13:00	37.855	22.370	34.354	36.075	27.158	29.737	36.462
11/6/12 23:00	38.414	38.301	33.654	1/28/13 14:00	37.808	22.324	34.324	36.042	27.123	29.709	36.443
11/6/12 23:20	38.400	38.284	33.618	1/28/13 15:00	37.750	22.275	34.326	36.003	27.053	29.681	36.424
11/6/12 23:40	38.391	38.275	33.602	1/28/13 16:00	37.725	22.224	34.245	35.956	27.041	29.618	36.389
11/7/12 0:00	38.386	38.270	33.593	1/28/13 17:00	37.732	22.200	34.266	35.951	27.067	29.602	36.401
11/7/12 0:20	38.381	38.263	33.586	1/28/13 18:00	37.739	22.210	34.329	35.970	27.095	29.644	36.478
11/7/12 0:40	38.377	38.259	33.579	1/28/13 19:00	37.746	22.221	34.387	35.968	27.060	29.648	36.499
11/7/12 1:00	38.370	38.254	33.572	1/28/13 20:00	37.771	22.217	34.289	35.968	27.156	29.634	36.452
11/7/12 1:20	38.365	38.247	33.565	1/28/13 21:00	37.792	22.240	34.578	35.984	27.226	29.676	36.457
11/7/12 1:40	38.365	38.244	33.562	1/28/13 22:00	37.806	22.245	34.622	36.000	27.219	29.831	36.604
11/7/12 2:00	38.360	38.242	33.558	1/28/13 23:00	37.808	22.256	34.590	36.012	27.207	29.793	36.581
11/7/12 2:20	38.358	38.240	33.555	1/29/13 0:00	37.806	22.247	34.545	36.014	27.193	29.812	36.581
11/7/12 2:40	38.360	38.240	33.558	1/29/13 1:00	37.890	22.242	34.501	36.010	27.238	29.810	36.574
11/7/12 3:00	38.360	38.242	33.555	1/29/13 2:00	37.953	22.319	34.508	36.080	27.277	29.824	36.544
11/7/12 3:20	38.356	38.238	33.553	1/29/13 3:00	37.948	22.373	34.499	36.129	27.273	29.849	36.548
11/7/12 3:40	38.358	38.242	33.553	1/29/13 4:00	37.971	22.359	34.489	36.119	27.270	29.842	36.544
11/7/12 4:00	38.356	38.238	33.550	1/29/13 5:00	37.964	22.361	34.471	36.140	27.256	29.840	36.525
11/7/12 4:20	38.353	38.235	33.546	1/29/13 6:00	37.948	22.363	34.433	36.133	27.233	29.805	36.494
11/7/12 4:40	38.351	38.230	33.541	1/29/13 7:00	37.971	22.342	34.403	36.117	27.252	29.786	36.476
11/7/12 5:00	38.349	38.230	33.536	1/29/13 8:00	37.953	22.363	34.426	36.138	27.242	29.814	36.490
11/7/12 5:20	38.346	38.226	33.532	1/29/13 9:00	37.939	22.354	34.406	36.124	27.221	29.786	36.478
11/7/12 5:40	38.346	38.223	33.529	1/29/13 10:00	37.899	22.326	34.440	36.112	27.226	29.772	36.464
11/7/12 6:00	38.346	38.223	33.529	1/29/13 11:00	37.897	22.312	34.466	36.080	27.231	29.756	36.473
11/7/12 6:20	38.344	38.226	33.529	1/29/13 12:00	37.925	22.333	34.426	36.082	27.217	29.786	36.495
11/7/12 6:40	38.344	38.226	33.529	1/29/13 13:00	37.906	22.331	34.392	36.101	27.203	29.775	36.480
11/7/12 7:00	38.342	38.221	33.527	1/29/13 14:00	37.874	22.326	34.373	36.087	27.196	29.749	36.466
11/7/12 7:20	38.344	38.226	33.525	1/29/13 15:00	37.862	22.289	34.443	36.061	27.228	29.746	36.464
11/7/12 7:40	38.349	38.231	33.525	1/29/13 16:00	37.855	22.279	34.543	36.052	27.210	29.763	36.506

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/7/12 8:00	38.356	38.235	33.529	1/29/13 17:00	37.825	22.279	34.466	36.045	27.189	29.798	36.532
11/7/12 8:20	38.353	38.235	33.529	1/29/13 18:00	37.864	22.268	34.440	36.019	27.280	29.732	36.473
11/7/12 8:40	38.356	38.233	33.532	1/29/13 19:00	37.897	22.310	34.613	36.054	27.245	29.817	36.525
11/7/12 9:00	38.353	38.233	33.548	1/29/13 20:00	37.892	22.326	34.462	36.077	27.231	29.817	36.525
11/7/12 9:20	38.374	38.256	33.593	1/29/13 21:00	37.902	22.331	34.422	36.073	27.219	29.779	36.490
11/7/12 9:40	38.370	38.251	33.565	1/29/13 22:00	37.918	22.335	34.394	36.082	27.224	29.763	36.464
11/7/12 10:00	38.365	38.247	33.555	1/29/13 23:00	37.957	22.342	34.387	36.094	27.254	29.763	36.445
11/7/12 10:20	38.360	38.242	33.546	1/30/13 0:00	37.960	22.384	34.406	36.129	27.252	29.789	36.464
11/7/12 10:40	38.356	38.237	33.541	1/30/13 1:00	37.969	22.377	34.403	36.129	27.280	29.791	36.471
11/7/12 11:00	38.356	38.235	33.670	1/30/13 2:00	37.981	22.380	34.459	36.133	27.277	29.798	36.487
11/7/12 11:20	38.379	38.263	33.616	1/30/13 3:00	37.992	22.394	34.431	36.145	27.292	29.814	36.502
11/7/12 11:40	38.367	38.249	33.567	1/30/13 4:00	38.006	22.412	34.440	36.154	27.306	29.824	36.511
11/7/12 12:00	38.386	38.265	33.862	1/30/13 5:00	38.018	22.429	34.447	36.166	27.322	29.838	36.518
11/7/12 12:20	38.442	38.371	33.745	1/30/13 6:00	38.046	22.443	34.461	36.178	27.352	29.849	36.527
11/7/12 12:40	38.435	38.324	33.621	1/30/13 7:00	38.067	22.471	34.485	36.199	27.378	29.875	36.541
11/7/12 13:00	38.456	38.352	33.572	1/30/13 8:00	38.090	22.496	34.508	36.215	27.411	29.898	36.558
11/7/12 13:20	38.479	38.385	33.539	1/30/13 9:00	38.107	22.522	34.531	36.234	27.441	29.929	36.586
11/7/12 13:40	38.379	38.296	33.748	1/30/13 10:00	38.118	22.543	34.562	36.250	27.462	29.957	36.614
11/7/12 14:00	38.353	38.240	33.541	1/30/13 11:00	38.114	22.557	34.585	36.257	27.478	29.985	36.647
11/7/12 14:20	38.363	38.244	33.893	1/30/13 12:00	38.100	22.561	34.615	36.255	27.478	30.006	36.679
11/7/12 14:40	38.367	38.263	33.565	1/30/13 13:00	38.083	22.557	34.611	36.243	27.485	30.008	36.682
11/7/12 15:00	38.358	38.240	33.844	1/30/13 14:00	38.046	22.545	34.659	36.231	27.469	30.025	36.705
11/7/12 15:20	38.519	38.394	34.254	1/30/13 15:00	38.018	22.534	34.622	36.203	27.450	30.011	36.703
11/7/12 15:40	38.610	38.471	34.127	1/30/13 16:00	38.009	22.522	34.625	36.180	27.553	29.990	36.684
11/7/12 16:00	38.514	38.476	33.755	1/30/13 17:00	37.999	22.531	34.876	36.175	27.537	30.097	36.766
11/7/12 16:20	38.605	38.579	33.644	1/30/13 18:00	37.992	22.536	34.778	36.171	27.572	30.125	36.822
11/7/12 16:40	38.514	38.436	34.048	1/30/13 19:00	37.981	22.543	34.911	36.164	27.584	30.149	36.820
11/7/12 17:00	38.458	38.359	33.750	1/30/13 20:00	37.967	22.555	34.890	36.157	27.513	30.144	36.836
11/7/12 17:20	38.430	38.324	33.766	1/30/13 21:00	37.967	22.543	34.720	36.147	27.502	30.078	36.768
11/7/12 17:40	38.412	38.331	33.614	1/30/13 22:00	37.964	22.550	34.680	36.147	27.502	30.057	36.733
11/7/12 18:00	38.444	38.333	34.078	1/30/13 23:00	37.950	22.555	34.685	36.145	27.478	30.057	36.712
11/7/12 18:20	38.444	38.333	34.109	1/31/13 0:00	37.930	22.541	34.650	36.133	27.453	30.034	36.703
11/7/12 18:40	38.451	38.350	33.881	1/31/13 1:00	37.934	22.538	34.611	36.115	27.455	29.997	36.670
11/7/12 19:00	38.423	38.315	33.884	1/31/13 2:00	37.937	22.543	34.624	36.119	27.455	29.999	36.672

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/7/12 19:20	38.407	38.301	33.762	1/31/13 3:00	37.948	22.545	34.613	36.122	27.455	29.999	36.670
11/7/12 19:40	38.421	38.303	33.888	1/31/13 4:00	37.962	22.566	34.601	36.131	27.464	29.994	36.656
11/7/12 20:00	38.414	38.301	33.630	1/31/13 5:00	37.969	22.580	34.604	36.140	27.464	29.992	36.651
11/7/12 20:20	38.381	38.268	33.574	1/31/13 6:00	38.002	22.587	34.597	36.147	27.488	29.994	36.649
11/7/12 20:40	38.377	38.263	33.623	1/31/13 7:00	38.016	22.601	34.627	36.173	27.502	30.029	36.668
11/7/12 21:00	38.346	38.233	33.548	1/31/13 8:00	38.053	22.629	34.629	36.182	27.539	30.027	36.668
11/7/12 21:20	38.325	38.207	33.513	1/31/13 9:00	38.088	22.669	34.655	36.215	27.572	30.060	36.689
11/7/12 21:40	38.400	38.284	34.156	1/31/13 10:00	38.132	22.704	34.685	36.241	27.621	30.088	36.714
11/7/12 22:00	38.433	38.329	33.869	1/31/13 11:00	38.172	22.743	34.727	36.278	27.684	30.130	36.749
11/7/12 22:20	38.405	38.298	33.773	1/31/13 12:00	38.209	22.771	34.832	36.308	27.742	30.179	36.792
11/7/12 22:40	38.365	38.254	33.628	1/31/13 13:00	38.216	22.813	34.874	36.341	27.754	30.254	36.862
11/7/12 23:00	38.335	38.223	33.562	1/31/13 14:00	38.207	22.823	34.862	36.346	27.780	30.270	36.887
11/7/12 23:20	38.316	38.205	33.522	1/31/13 15:00	38.200	22.818	34.923	36.339	27.785	30.319	36.934
11/7/12 23:40	38.351	38.317	33.494	1/31/13 16:00	38.181	22.825	34.951	36.336	27.785	30.303	36.934
11/8/12 0:00	38.349	38.235	33.935	1/31/13 17:00	38.167	22.827	34.909	36.320	27.787	30.310	36.941
11/8/12 0:20	38.328	38.219	33.588	1/31/13 18:00	38.174	22.839	34.904	36.313	27.939	30.305	36.937
11/8/12 0:40	38.302	38.186	33.520	1/31/13 19:00	38.144	22.862	35.295	36.318	27.908	30.478	37.075
11/8/12 1:00	38.281	38.165	33.482	1/31/13 20:00	38.162	22.850	35.146	36.297	27.906	30.485	37.124
11/8/12 1:20	38.267	38.151	33.459	1/31/13 21:00	38.172	22.885	35.086	36.311	27.908	30.464	37.091
11/8/12 1:40	38.258	38.139	33.440	1/31/13 22:00	38.162	22.904	35.058	36.322	27.913	30.455	37.067
11/8/12 2:00	38.244	38.125	33.424	1/31/13 23:00	38.153	22.916	35.058	36.313	27.911	30.452	37.056
11/8/12 2:20	38.230	38.114	33.405	2/1/13 0:00	38.121	22.932	35.053	36.308	27.878	30.455	37.058
11/8/12 2:40	38.220	38.104	33.393	2/1/13 1:00	38.086	22.897	35.018	36.280	27.862	30.431	37.035
11/8/12 3:00	38.213	38.095	33.379	2/1/13 2:00	38.069	22.902	34.988	36.255	27.850	30.392	37.004
11/8/12 3:20	38.227	38.130	33.372	2/1/13 3:00	38.046	22.897	35.007	36.241	27.831	30.389	37.000
11/8/12 3:40	38.216	38.107	33.363	2/1/13 4:00	38.032	22.890	34.965	36.222	27.824	30.378	36.993
11/8/12 4:00	38.358	38.319	33.351	2/1/13 5:00	38.011	22.895	34.960	36.213	27.792	30.366	36.976
11/8/12 4:20	38.342	38.294	33.344	2/1/13 6:00	37.992	22.881	34.916	36.192	27.771	30.331	36.941
11/8/12 4:40	38.528	38.651	33.344	2/1/13 7:00	37.978	22.885	34.888	36.175	27.749	30.305	36.913
11/8/12 5:00	38.607	38.611	33.344	2/1/13 8:00	37.974	22.878	34.867	36.166	27.738	30.282	36.890
11/8/12 5:20	38.577	38.604	33.349	2/1/13 9:00	37.962	22.876	34.853	36.161	27.719	30.265	36.873
11/8/12 5:40	38.461	38.471	33.356	2/1/13 10:00	37.960	22.878	34.832	36.150	27.707	30.249	36.857
11/8/12 6:00	38.561	38.595	33.351	2/1/13 11:00	37.939	22.878	34.820	36.150	27.684	30.240	36.848
11/8/12 6:20	38.304	38.195	33.353	2/1/13 12:00	37.918	22.869	34.799	36.131	27.686	30.216	36.829

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/8/12 6:40	38.269	38.156	33.353	2/1/13 13:00	37.899	22.860	34.851	36.115	27.637	30.212	36.834
11/8/12 7:00	38.237	38.118	33.342	2/1/13 14:00	37.853	22.837	34.774	36.098	27.607	30.186	36.820
11/8/12 7:20	38.220	38.102	33.335	2/1/13 15:00	37.832	22.797	34.776	36.059	27.567	30.170	36.808
11/8/12 7:40	38.295	38.200	33.328	2/1/13 16:00	37.818	22.783	34.725	36.042	27.532	30.128	36.785
11/8/12 8:00	38.253	38.132	33.558	2/1/13 17:00	37.822	22.769	34.678	36.028	27.542	30.083	36.738
11/8/12 8:20	38.244	38.128	33.370	2/1/13 18:00	37.804	22.781	34.750	36.035	27.600	30.057	36.712
11/8/12 8:40	38.230	38.109	33.346	2/1/13 19:00	37.806	22.757	34.937	36.019	27.649	30.146	36.796
11/8/12 9:00	38.218	38.097	33.335	2/1/13 20:00	37.825	22.757	34.990	36.021	27.602	30.221	36.899
11/8/12 9:20	38.209	38.088	33.330	2/1/13 21:00	37.850	22.769	34.832	36.038	27.600	30.181	36.876
11/8/12 9:40	38.209	38.086	33.558	2/1/13 22:00	37.881	22.778	34.816	36.059	27.581	30.177	36.845
11/8/12 10:00	38.209	38.093	33.365	2/1/13 23:00	37.890	22.792	34.792	36.082	27.570	30.137	36.792
11/8/12 10:20	38.234	38.123	33.335	2/2/13 0:00	37.895	22.792	34.732	36.089	27.565	30.123	36.768
11/8/12 10:40	38.400	38.359	33.391	2/2/13 1:00	37.906	22.781	34.741	36.091	27.570	30.099	36.742
11/8/12 11:00	38.241	38.137	33.360	2/2/13 2:00	37.937	22.790	34.748	36.101	27.567	30.095	36.738
11/8/12 11:20	38.237	38.146	33.323	2/2/13 3:00	37.941	22.811	34.706	36.124	27.577	30.106	36.735
11/8/12 11:40	38.216	38.097	33.311	2/2/13 4:00	37.976	22.811	34.746	36.129	27.588	30.095	36.728
11/8/12 12:00	38.197	38.078	33.309	2/2/13 5:00	37.995	22.848	34.718	36.154	27.591	30.118	36.745
11/8/12 12:20	38.176	38.057	33.295	2/2/13 6:00	37.995	22.848	34.713	36.171	27.588	30.123	36.742
11/8/12 12:40	38.172	38.053	33.283	2/2/13 7:00	38.020	22.846	34.708	36.171	27.609	30.118	36.742
11/8/12 13:00	38.160	38.039	33.274	2/2/13 8:00	38.030	22.874	34.722	36.192	27.616	30.132	36.752
11/8/12 13:20	38.151	38.032	33.264	2/2/13 9:00	38.023	22.874	34.729	36.199	27.614	30.144	36.759
11/8/12 13:40	38.164	38.043	33.400	2/2/13 10:00	38.037	22.876	34.729	36.194	27.628	30.137	36.763
11/8/12 14:00	38.204	38.093	33.506	2/2/13 11:00	38.048	22.892	34.741	36.203	27.640	30.149	36.770
11/8/12 14:20	38.174	38.060	33.351	2/2/13 12:00	38.048	22.899	34.750	36.213	27.661	30.163	36.777
11/8/12 14:40	38.153	38.037	33.300	2/2/13 13:00	38.037	22.899	34.815	36.213	27.640	30.167	36.794
11/8/12 15:00	38.160	38.043	33.353	2/2/13 14:00	38.009	22.881	34.764	36.203	27.623	30.177	36.810
11/8/12 15:20	38.146	38.029	33.288	2/2/13 15:00	37.976	22.874	34.755	36.182	27.593	30.158	36.801
11/8/12 15:40	38.167	38.053	33.370	2/2/13 16:00	37.946	22.848	34.727	36.157	27.621	30.130	36.787
11/8/12 16:00	38.148	38.032	33.300	2/2/13 17:00	37.937	22.834	34.869	36.131	27.719	30.132	36.794
11/8/12 16:20	38.183	38.067	33.567	2/2/13 18:00	37.932	22.830	35.088	36.129	27.686	30.338	37.004
11/8/12 16:40	38.190	38.076	33.468	2/2/13 19:00	37.939	22.825	34.990	36.126	27.714	30.279	36.969
11/8/12 17:00	38.167	38.050	33.360	2/2/13 20:00	37.960	22.834	35.013	36.131	27.679	30.289	36.958
11/8/12 17:20	38.169	38.051	33.353	2/2/13 21:00	37.983	22.855	34.881	36.147	27.668	30.247	36.906
11/8/12 17:40	38.178	38.062	33.370	2/2/13 22:00	37.988	22.876	34.829	36.166	27.654	30.216	36.848

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/8/12 18:00	38.160	38.041	33.314	2/2/13 23:00	38.002	22.874	34.799	36.168	27.663	30.195	36.813
11/8/12 18:20	38.213	38.097	33.508	2/3/13 0:00	38.006	22.890	34.841	36.182	27.661	30.191	36.799
11/8/12 18:40	38.185	38.069	33.372	2/3/13 1:00	38.020	22.890	34.795	36.185	27.665	30.198	36.806
11/8/12 19:00	38.174	38.055	33.328	2/3/13 2:00	38.037	22.902	34.788	36.196	27.672	30.195	36.799
11/8/12 19:20	38.183	38.062	33.572	2/3/13 3:00	38.027	22.920	34.788	36.210	27.670	30.202	36.803
11/8/12 19:40	38.232	38.116	33.480	2/3/13 4:00	38.020	22.911	34.795	36.201	27.663	30.205	36.815
11/8/12 20:00	38.218	38.100	33.365	2/3/13 5:00	37.997	22.906	34.783	36.194	27.640	30.193	36.808
11/8/12 20:20	38.202	38.081	33.330	2/3/13 6:00	37.997	22.888	34.764	36.175	27.640	30.174	36.796
11/8/12 20:40	38.218	38.090	33.750	2/3/13 7:00	37.992	22.899	34.760	36.178	27.623	30.170	36.792
11/8/12 21:00	38.269	38.156	33.663	2/3/13 8:00	37.983	22.885	34.748	36.173	27.626	30.163	36.782
11/8/12 21:20	38.239	38.123	33.433	2/3/13 9:00	37.981	22.895	34.746	36.164	27.614	30.151	36.780
11/8/12 21:40	38.220	38.102	33.372	2/3/13 10:00	37.978	22.885	34.734	36.161	27.621	30.144	36.773
11/8/12 22:00	38.204	38.088	33.339	2/3/13 11:00	37.955	22.881	34.760	36.159	27.591	30.165	36.787
11/8/12 22:20	38.213	38.100	33.410	2/3/13 12:00	37.923	22.862	34.722	36.143	27.628	30.130	36.768
11/8/12 22:40	38.195	38.078	33.342	2/3/13 13:00	37.895	22.841	34.909	36.115	27.705	30.146	36.796
11/8/12 23:00	38.183	38.064	33.314	2/3/13 14:00	37.846	22.813	35.121	36.094	27.623	30.263	36.946
11/8/12 23:20	38.192	38.072	33.550	2/3/13 15:00	37.794	22.764	34.937	36.054	27.544	30.214	36.911
11/8/12 23:40	38.181	38.062	33.335	2/3/13 16:00	37.762	22.725	34.825	36.012	27.513	30.121	36.820
11/9/12 0:00	38.167	38.048	33.300	2/3/13 17:00	37.741	22.694	34.834	35.984	27.446	30.123	36.813
11/9/12 0:20	38.155	38.036	33.281	2/3/13 18:00	37.720	22.671	34.664	35.968	27.453	30.029	36.731
11/9/12 0:40	38.148	38.027	33.267	2/3/13 19:00	37.711	22.655	34.741	35.949	27.420	30.029	36.705
11/9/12 1:00	38.139	38.020	33.255	2/3/13 20:00	37.713	22.631	34.685	35.942	27.371	30.006	36.700
11/9/12 1:20	38.134	38.013	33.248	2/3/13 21:00	37.713	22.622	34.590	35.942	27.334	29.952	36.642
11/9/12 1:40	38.127	38.004	33.239	2/3/13 22:00	37.711	22.606	34.534	35.940	27.296	29.910	36.588
11/9/12 2:00	38.122	38.004	33.234	2/3/13 23:00	37.720	22.587	34.475	35.935	27.273	29.856	36.532
11/9/12 2:20	38.116	37.994	33.224	2/4/13 0:00	37.739	22.587	34.440	35.942	27.261	29.826	36.492
11/9/12 2:40	38.113	37.992	33.217	2/4/13 1:00	37.748	22.589	34.420	35.956	27.245	29.810	36.469
11/9/12 3:00	38.109	37.990	33.215	2/4/13 2:00	37.764	22.578	34.399	35.963	27.233	29.791	36.450
11/9/12 3:20	38.104	37.983	33.206	2/4/13 3:00	37.783	22.573	34.382	35.972	27.249	29.779	36.438
11/9/12 3:40	38.106	37.985	33.208	2/4/13 4:00	37.808	22.578	34.419	35.989	27.247	29.791	36.448
11/9/12 4:00	38.099	37.980	33.201	2/4/13 5:00	37.848	22.585	34.396	36.007	27.263	29.786	36.450
11/9/12 4:20	38.097	37.976	33.194	2/4/13 6:00	37.871	22.603	34.406	36.042	27.273	29.798	36.457
11/9/12 4:40	38.094	37.973	33.192	2/4/13 7:00	37.913	22.608	34.413	36.061	27.303	29.807	36.466
11/9/12 5:00	38.092	37.971	33.189	2/4/13 8:00	37.957	22.634	34.438	36.094	27.338	29.831	36.487

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/9/12 5:20	38.090	37.966	33.187	2/4/13 9:00	37.988	22.655	34.469	36.129	27.359	29.863	36.513
11/9/12 5:40	38.097	37.973	33.192	2/4/13 10:00	38.002	22.666	34.489	36.154	27.392	29.889	36.546
11/9/12 6:00	38.090	37.971	33.187	2/4/13 11:00	38.011	22.673	34.541	36.166	27.392	29.926	36.581
11/9/12 6:20	38.092	37.973	33.187	2/4/13 12:00	38.016	22.671	34.529	36.175	27.406	29.926	36.593
11/9/12 6:40	38.092	37.971	33.185	2/4/13 13:00	38.011	22.690	34.541	36.178	27.413	29.931	36.602
11/9/12 7:00	38.097	37.971	33.185	2/4/13 14:00	37.985	22.669	34.571	36.173	27.483	29.955	36.618
11/9/12 7:20	38.099	37.976	33.189	2/4/13 15:00	37.962	22.652	34.769	36.154	27.504	30.013	36.693
11/9/12 7:40	38.120	37.994	33.337	2/4/13 16:00	37.950	22.636	34.850	36.136	27.535	30.050	36.775
11/9/12 8:00	38.120	37.997	33.229	2/4/13 17:00	37.937	22.639	34.867	36.131	27.460	30.128	36.845
11/9/12 8:20	38.122	38.001	33.217	2/4/13 18:00	37.913	22.617	34.687	36.122	27.495	30.043	36.766
11/9/12 8:40	38.118	37.997	33.213	2/4/13 19:00	37.913	22.606	34.829	36.101	27.504	30.069	36.770
11/9/12 9:00	38.118	37.994	33.208	2/4/13 20:00	37.948	22.615	34.811	36.101	27.490	30.074	36.775
11/9/12 9:20	38.116	37.992	33.206	2/4/13 21:00	37.941	22.636	34.713	36.131	27.457	30.071	36.761
11/9/12 9:40	38.113	37.990	33.203	2/4/13 22:00	37.925	22.636	34.641	36.124	27.425	30.018	36.693
11/9/12 10:00	38.113	37.990	33.201	2/4/13 23:00	37.918	22.613	34.594	36.110	27.404	29.980	36.651
11/9/12 10:20	38.113	37.992	33.201	2/5/13 0:00	37.899	22.608	34.564	36.105	27.390	29.957	36.621
11/9/12 10:40	38.134	38.015	33.302	2/5/13 1:00	37.895	22.592	34.564	36.087	27.373	29.950	36.614
11/9/12 11:00	38.178	38.064	33.440	2/5/13 2:00	37.902	22.594	34.531	36.087	27.373	29.917	36.586
11/9/12 11:20	38.181	38.062	33.527	2/5/13 3:00	37.899	22.597	34.541	36.089	27.359	29.929	36.586
11/9/12 11:40	38.199	38.081	33.656	2/5/13 4:00	37.925	22.597	34.513	36.087	27.366	29.901	36.567
11/9/12 12:00	38.183	38.067	33.360	2/5/13 5:00	37.906	22.615	34.510	36.105	27.355	29.908	36.562
11/9/12 12:20	38.162	38.044	33.300	2/5/13 6:00	37.918	22.592	34.508	36.089	27.355	29.896	36.567
11/9/12 12:40	38.144	38.027	33.267	2/5/13 7:00	37.941	22.606	34.496	36.101	27.371	29.891	36.560
11/9/12 13:00	38.190	38.076	33.520	2/5/13 8:00	37.955	22.627	34.508	36.117	27.380	29.903	36.565
11/9/12 13:20	38.158	38.041	33.318	2/5/13 9:00	37.985	22.634	34.517	36.131	27.406	29.910	36.574
11/9/12 13:40	38.158	38.041	33.328	2/5/13 10:00	38.006	22.659	34.538	36.157	27.427	29.933	36.593
11/9/12 14:00	38.153	38.039	33.339	2/5/13 11:00	38.032	22.678	34.555	36.173	27.549	29.952	36.609
11/9/12 14:20	38.150	38.039	33.337	2/5/13 12:00	38.041	22.697	34.883	36.194	27.551	30.043	36.689
11/9/12 14:40	38.123	38.006	33.257	2/5/13 13:00	38.046	22.704	34.790	36.203	27.640	30.125	36.782
11/9/12 15:00	38.127	38.013	33.332	2/5/13 14:00	38.009	22.699	34.965	36.208	27.591	30.223	36.901
11/9/12 15:20	38.104	37.985	33.231	2/5/13 15:00	37.988	22.676	34.855	36.180	27.602	30.158	36.864
11/9/12 15:40	38.081	37.962	33.192	2/5/13 16:00	37.978	22.659	34.906	36.164	27.556	30.193	36.878
11/9/12 16:00	38.115	38.001	33.384	2/5/13 17:00	37.969	22.673	34.795	36.157	27.560	30.111	36.799
11/9/12 16:20	38.099	37.976	33.482	2/5/13 18:00	37.967	22.666	34.827	36.150	27.541	30.121	36.787

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/9/12 16:40	38.092	37.971	33.321	2/5/13 19:00	37.969	22.676	34.741	36.147	27.598	30.109	36.782
11/9/12 17:00	38.085	37.969	33.236	2/5/13 20:00	37.985	22.680	34.869	36.152	27.609	30.179	36.836
11/9/12 17:20	38.143	38.027	33.487	2/5/13 21:00	37.992	22.701	34.850	36.164	27.572	30.191	36.852
11/9/12 17:40	38.148	38.039	33.356	2/5/13 22:00	37.990	22.701	34.757	36.171	27.555	30.132	36.796
11/9/12 18:00	38.160	38.050	33.379	2/5/13 23:00	37.999	22.704	34.718	36.168	27.551	30.104	36.756
11/9/12 18:20	38.132	38.013	33.567	2/6/13 0:00	37.995	22.725	34.701	36.175	27.542	30.095	36.735
11/9/12 18:40	38.146	38.064	33.269	2/6/13 1:00	37.985	22.704	34.694	36.171	27.544	30.097	36.731
11/9/12 19:00	38.176	38.053	33.691	2/6/13 2:00	37.957	22.708	34.720	36.161	27.506	30.071	36.712
11/9/12 19:20	38.339	38.284	33.323	2/6/13 3:00	37.950	22.690	34.652	36.140	27.497	30.053	36.696
11/9/12 19:40	38.547	38.637	33.321	2/6/13 4:00	37.937	22.687	34.648	36.133	27.471	30.046	36.689
11/9/12 20:00	38.598	38.705	33.257	2/6/13 5:00	37.918	22.678	34.615	36.122	27.448	30.018	36.663
11/9/12 20:20	38.535	38.593	33.243	2/6/13 6:00	37.920	22.664	34.587	36.105	27.443	29.992	36.640
11/9/12 20:40	38.593	38.668	33.236	2/6/13 7:00	37.918	22.666	34.580	36.108	27.434	29.983	36.630
11/9/12 21:00	38.503	38.625	33.229	2/6/13 8:00	37.909	22.659	34.571	36.108	27.439	29.973	36.623
11/9/12 21:20	38.535	38.586	33.229	2/6/13 9:00	37.904	22.657	34.599	36.098	27.418	29.980	36.630
11/9/12 21:40	38.414	38.431	33.224	2/6/13 10:00	37.909	22.646	34.564	36.094	27.422	29.959	36.625
11/9/12 22:00	38.437	38.338	33.220	2/6/13 11:00	37.904	22.655	34.583	36.096	27.415	29.971	36.628
11/9/12 22:20	38.549	38.558	33.379	2/6/13 12:00	37.899	22.648	34.571	36.094	27.411	29.962	36.632
11/9/12 22:40	38.612	38.721	33.285	2/6/13 13:00	37.876	22.636	34.576	36.089	27.415	29.962	36.625
11/9/12 23:00	38.661	38.726	33.309	2/6/13 14:00	37.841	22.606	34.643	36.070	27.378	29.955	36.632
11/9/12 23:20	38.659	38.752	33.274	2/6/13 15:00	37.806	22.576	34.599	36.040	27.345	29.955	36.647
11/9/12 23:40	38.680	38.773	33.262	2/6/13 16:00	37.787	22.552	34.564	36.012	27.306	29.905	36.607
11/10/12 0:00	38.579	38.726	33.255	2/6/13 17:00	37.776	22.531	34.508	35.996	27.268	29.875	36.567
11/10/12 0:20	38.631	38.724	33.250	2/6/13 18:00	37.787	22.522	34.443	35.986	27.287	29.824	36.525
11/10/12 0:40	38.699	38.770	33.253	2/6/13 19:00	37.813	22.527	34.527	35.996	27.432	29.854	36.539
11/10/12 1:00	38.633	38.618	33.384	2/6/13 20:00	37.860	22.548	34.832	36.017	27.455	30.006	36.696
11/10/12 1:20	38.563	38.681	33.285	2/6/13 21:00	37.881	22.583	34.778	36.056	27.453	30.046	36.754
11/10/12 1:40	38.498	38.492	33.269	2/6/13 22:00	37.890	22.583	34.755	36.073	27.422	30.032	36.724
11/10/12 2:00	38.456	38.438	33.257	2/6/13 23:00	37.899	22.571	34.697	36.080	27.406	30.008	36.691
11/10/12 2:20	38.267	38.160	33.246	2/7/13 0:00	37.927	22.576	34.617	36.089	27.418	29.978	36.665
11/10/12 2:40	38.409	38.464	33.231	2/7/13 1:00	37.932	22.597	34.613	36.110	27.436	29.983	36.639
11/10/12 3:00	38.442	38.380	33.222	2/7/13 2:00	37.932	22.590	34.655	36.115	27.415	29.987	36.651
11/10/12 3:20	38.349	38.286	33.215	2/7/13 3:00	37.916	22.576	34.613	36.115	27.406	29.992	36.642
11/10/12 3:40	38.414	38.509	33.217	2/7/13 4:00	37.937	22.571	34.617	36.098	27.390	29.933	36.604

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/10/12 4:00	38.493	38.485	33.215	2/7/13 5:00	37.955	22.585	34.550	36.117	27.399	29.938	36.588
11/10/12 4:20	38.372	38.263	33.213	2/7/13 6:00	38.002	22.601	34.543	36.131	27.432	29.933	36.574
11/10/12 4:40	38.505	38.581	33.208	2/7/13 7:00	38.037	22.650	34.564	36.171	27.457	29.957	36.590
11/10/12 5:00	38.505	38.520	33.208	2/7/13 8:00	38.060	22.671	34.583	36.199	27.485	29.987	36.607
11/10/12 5:20	38.365	38.378	33.213	2/7/13 9:00	38.090	22.699	34.608	36.217	27.516	30.008	36.637
11/10/12 5:40	38.309	38.245	33.328	2/7/13 10:00	38.107	22.718	34.634	36.243	27.539	30.041	36.670
11/10/12 6:00	38.279	38.172	33.250	2/7/13 11:00	38.102	22.736	34.659	36.257	27.567	30.064	36.691
11/10/12 6:20	38.407	38.403	33.231	2/7/13 12:00	38.114	22.736	34.722	36.255	27.647	30.074	36.714
11/10/12 6:40	38.451	38.527	33.224	2/7/13 13:00	38.100	22.757	34.883	36.266	27.693	30.186	36.829
11/10/12 7:00	38.220	38.111	33.220	2/7/13 14:00	38.076	22.753	34.983	36.257	27.684	30.291	36.937
11/10/12 7:20	38.258	38.184	33.213	2/7/13 15:00	38.048	22.743	34.972	36.236	27.647	30.230	36.894
11/10/12 7:40	38.241	38.191	33.208	2/7/13 16:00	38.044	22.732	34.865	36.215	27.654	30.221	36.878
11/10/12 8:00	38.351	38.361	33.356	2/7/13 17:00	38.046	22.741	34.874	36.213	27.663	30.214	36.864
11/10/12 8:20	38.232	38.139	33.253	2/7/13 18:00	38.048	22.753	34.876	36.215	27.672	30.214	36.864
11/10/12 8:40	38.412	38.359	33.229	2/7/13 19:00	38.067	22.771	34.876	36.220	27.721	30.230	36.869
11/10/12 9:00	38.407	38.331	33.222	2/7/13 20:00	38.079	22.795	34.953	36.234	27.703	30.272	36.897
11/10/12 9:20	38.496	38.469	33.224	2/7/13 21:00	38.086	22.802	34.874	36.245	27.707	30.261	36.887
11/10/12 9:40	38.556	38.628	33.227	2/7/13 22:00	38.088	22.816	34.909	36.248	27.707	30.237	36.862
11/10/12 10:00	38.671	38.763	33.236	2/7/13 23:00	38.095	22.832	34.850	36.255	27.712	30.249	36.864
11/10/12 10:20	38.649	38.773	33.243	2/8/13 0:00	38.100	22.844	34.841	36.259	27.710	30.244	36.857
11/10/12 10:40	38.729	38.875	33.241	2/8/13 1:00	38.097	22.841	34.834	36.262	27.731	30.247	36.852
11/10/12 11:00	38.782	38.936	33.250	2/8/13 2:00	38.100	22.860	34.874	36.262	27.724	30.249	36.855
11/10/12 11:20	38.836	38.988	33.257	2/8/13 3:00	38.093	22.867	34.843	36.262	27.719	30.256	36.857
11/10/12 11:40	38.862	38.995	33.466	2/8/13 4:00	38.090	22.872	34.834	36.257	27.717	30.249	36.848
11/10/12 12:00	38.785	38.829	33.309	2/8/13 5:00	38.086	22.879	34.830	36.252	27.717	30.244	36.841
11/10/12 12:20	38.852	38.922	33.295	2/8/13 6:00	38.067	22.886	34.825	36.252	27.703	30.244	36.838
11/10/12 12:40	38.876	39.060	33.288	2/8/13 7:00	38.060	22.876	34.816	36.236	27.705	30.233	36.834
11/10/12 13:00	38.913	39.042	33.281	2/8/13 8:00	38.065	22.893	34.815	36.231	27.712	30.228	36.834
11/10/12 13:20	38.901	39.067	33.274	2/8/13 9:00	38.053	22.902	34.823	36.236	27.721	30.235	36.841
11/10/12 13:40	38.906	39.056	33.356	2/8/13 10:00	38.062	22.900	34.850	36.224	27.721	30.251	36.857
11/10/12 14:00	38.983	39.098	33.743	2/8/13 11:00	38.060	22.920	34.836	36.234	27.721	30.249	36.864
11/10/12 14:20	39.004	39.154	33.471	2/8/13 12:00	38.069	22.925	34.834	36.231	27.740	30.247	36.862
11/10/12 14:40	38.995	39.191	33.379	2/8/13 13:00	38.041	22.927	34.869	36.238	27.712	30.277	36.876
11/10/12 15:00	38.990	39.158	33.339	2/8/13 14:00	37.985	22.918	34.834	36.215	27.656	30.242	36.864

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/10/12 15:20	38.988	39.177	33.316	2/8/13 15:00	37.950	22.869	34.785	36.171	27.665	30.200	36.831
11/10/12 15:40	38.946	39.116	33.304	2/8/13 16:00	37.913	22.865	34.846	36.143	27.754	30.221	36.852
11/10/12 16:00	39.006	39.182	33.356	2/8/13 17:00	37.883	22.839	35.135	36.112	27.717	30.385	37.021
11/10/12 16:20	38.990	39.177	33.318	2/8/13 18:00	37.885	22.827	35.032	36.091	27.724	30.308	36.988
11/10/12 16:40	38.981	39.163	33.304	2/8/13 19:00	37.878	22.834	35.025	36.091	27.679	30.352	36.995
11/10/12 17:00	39.009	39.170	33.900	2/8/13 20:00	37.864	22.830	34.916	36.087	27.626	30.272	36.932
11/10/12 17:20	39.102	39.254	34.020	2/8/13 21:00	37.857	22.818	34.822	36.073	27.591	30.198	36.850
11/10/12 17:40	39.162	39.348	33.816	2/8/13 22:00	37.876	22.816	34.762	36.066	27.577	30.144	36.787
11/10/12 18:00	39.160	39.341	33.823	2/8/13 23:00	37.876	22.825	34.729	36.082	27.553	30.128	36.756
11/10/12 18:20	39.116	39.315	33.684	2/9/13 0:00	37.869	22.811	34.701	36.077	27.539	30.102	36.731
11/10/12 18:40	39.121	39.329	33.647	2/9/13 1:00	37.862	22.797	34.694	36.073	27.513	30.092	36.726
11/10/12 19:00	39.114	39.250	33.759	2/9/13 2:00	37.864	22.783	34.660	36.066	27.497	30.057	36.693
11/10/12 19:20	39.127	39.313	33.691	2/9/13 3:00	37.864	22.788	34.634	36.066	27.478	30.039	36.670
11/10/12 19:40	39.081	39.200	33.543	2/9/13 4:00	37.850	22.774	34.613	36.066	27.448	30.020	36.647
11/10/12 20:00	38.701	38.791	33.466	2/9/13 5:00	37.843	22.755	34.583	36.052	27.427	29.992	36.621
11/10/12 20:20	38.766	38.752	33.433	2/9/13 6:00	37.846	22.746	34.562	36.042	27.411	29.966	36.602
11/10/12 20:40	38.787	38.817	33.403	2/9/13 7:00	37.846	22.743	34.545	36.045	27.401	29.952	36.586
11/10/12 21:00	38.472	38.422	33.379	2/9/13 8:00	37.855	22.741	34.536	36.045	27.397	29.938	36.579
11/10/12 21:20	38.535	38.410	33.346	2/9/13 9:00	37.864	22.748	34.527	36.052	27.390	29.933	36.574
11/10/12 21:40	38.719	38.777	33.339	2/9/13 10:00	37.855	22.734	34.522	36.056	27.376	29.926	36.574
11/10/12 22:00	38.687	38.770	33.342	2/9/13 11:00	37.841	22.720	34.513	36.073	27.352	29.912	36.569
11/10/12 22:20	38.859	38.957	33.368	2/9/13 12:00	37.829	22.701	34.494	36.038	27.404	29.894	36.562
11/10/12 22:40	38.904	39.037	33.379	2/9/13 13:00	37.804	22.687	34.657	36.028	27.411	29.943	36.614
11/10/12 23:00	38.981	39.147	33.414	2/9/13 14:00	37.764	22.653	34.687	36.010	27.366	30.022	36.726
11/10/12 23:20	38.689	38.740	33.445	2/9/13 15:00	37.732	22.604	34.662	35.979	27.331	29.959	36.684
11/10/12 23:40	38.913	39.044	33.450	2/9/13 16:00	37.720	22.578	34.613	35.951	27.259	29.938	36.651
11/11/12 0:00	38.612	38.616	33.459	2/9/13 17:00	37.706	22.557	34.476	35.942	27.245	29.842	36.560
11/11/12 0:20	38.841	38.932	33.468	2/9/13 18:00	37.699	22.543	34.478	35.928	27.203	29.800	36.513
11/11/12 0:40	38.983	39.091	33.708	2/9/13 19:00	37.734	22.527	34.406	35.923	27.238	29.772	36.473
11/11/12 1:00	39.030	39.112	33.534	2/9/13 20:00	37.734	22.541	34.508	35.947	27.184	29.768	36.462
11/11/12 1:20	39.027	39.151	33.527	2/9/13 21:00	37.734	22.527	34.380	35.949	27.158	29.756	36.450
11/11/12 1:40	39.062	39.196	33.532	2/9/13 22:00	37.708	22.508	34.340	35.947	27.133	29.721	36.420
11/11/12 2:00	39.048	39.198	33.536	2/9/13 23:00	37.746	22.494	34.329	35.926	27.133	29.697	36.406
11/11/12 2:20	39.113	39.277	33.555	2/10/13 0:00	37.720	22.501	34.308	35.956	27.084	29.690	36.392

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/11/12 2:40	39.116	39.270	33.562	2/10/13 1:00	37.671	22.447	34.263	35.933	27.018	29.646	36.361
11/11/12 3:00	39.081	39.193	33.562	2/10/13 2:00	37.643	22.382	34.205	35.891	26.976	29.590	36.317
11/11/12 3:20	39.079	39.212	33.567	2/10/13 3:00	37.629	22.352	34.166	35.865	26.941	29.541	36.279
11/11/12 3:40	39.120	39.254	33.581	2/10/13 4:00	37.615	22.333	34.124	35.856	26.906	29.506	36.242
11/11/12 4:00	39.104	39.228	33.593	2/10/13 5:00	37.606	22.303	34.103	35.837	26.892	29.475	36.216
11/11/12 4:20	39.078	39.217	33.602	2/10/13 6:00	37.650	22.303	34.073	35.842	26.892	29.443	36.181
11/11/12 4:40	39.051	39.182	33.604	2/10/13 7:00	37.706	22.317	34.068	35.867	26.918	29.443	36.165
11/11/12 5:00	39.134	39.289	33.609	2/10/13 8:00	37.748	22.347	34.079	35.912	26.932	29.464	36.172
11/11/12 5:20	39.134	39.270	33.614	2/10/13 9:00	37.773	22.368	34.096	35.940	26.950	29.478	36.176
11/11/12 5:40	39.095	39.238	33.618	2/10/13 10:00	37.820	22.385	34.110	35.965	26.976	29.489	36.205
11/11/12 6:00	39.153	39.299	33.633	2/10/13 11:00	37.862	22.401	34.135	36.007	27.011	29.517	36.223
11/11/12 6:20	39.102	39.214	33.635	2/10/13 12:00	37.911	22.426	34.163	36.038	27.175	29.543	36.251
11/11/12 6:40	39.139	39.238	33.647	2/10/13 13:00	37.941	22.466	34.562	36.080	27.249	29.693	36.394
11/11/12 7:00	39.160	39.296	33.661	2/10/13 14:00	37.976	22.471	34.590	36.103	27.268	29.861	36.588
11/11/12 7:20	39.179	39.317	33.668	2/10/13 15:00	38.013	22.489	34.587	36.131	27.345	29.835	36.569
11/11/12 7:40	39.198	39.341	33.684	2/10/13 16:00	38.051	22.508	34.720	36.159	27.357	29.915	36.621
11/11/12 8:00	39.193	39.313	33.687	2/10/13 17:00	38.086	22.543	34.641	36.196	27.366	29.917	36.625
11/11/12 8:20	39.193	39.317	33.696	2/10/13 18:00	38.130	22.576	34.566	36.227	27.418	29.922	36.611
11/11/12 8:40	39.214	39.343	33.708	2/10/13 19:00	38.151	22.613	34.622	36.266	27.457	29.936	36.597
11/11/12 9:00	39.235	39.366	33.722	2/10/13 20:00	38.183	22.629	34.669	36.290	27.476	30.006	36.675
11/11/12 9:20	39.244	39.385	33.736	2/10/13 21:00	38.197	22.659	34.636	36.313	27.511	30.015	36.675
11/11/12 9:40	39.226	39.362	33.752	2/10/13 22:00	38.228	22.683	34.669	36.329	27.544	30.050	36.698
11/11/12 10:00	39.291	39.429	33.832	2/10/13 23:00	38.232	22.713	34.685	36.353	27.567	30.076	36.717
11/11/12 10:20	39.260	39.413	33.797	2/11/13 0:00	38.239	22.722	34.701	36.355	27.593	30.092	36.735
11/11/12 10:40	39.272	39.411	33.790	2/11/13 1:00	38.221	22.746	34.725	36.362	27.593	30.118	36.759
11/11/12 11:00	39.237	39.383	33.794	2/11/13 2:00	38.221	22.739	34.727	36.348	27.621	30.125	36.770
11/11/12 11:20	39.263	39.376	33.790	2/11/13 3:00	38.211	22.774	34.746	36.348	27.628	30.142	36.785
11/11/12 11:40	39.267	39.418	33.799	2/11/13 4:00	38.209	22.771	34.753	36.343	27.647	30.156	36.792
11/11/12 12:00	39.305	39.434	33.806	2/11/13 5:00	38.195	22.788	34.767	36.343	27.647	30.170	36.801
11/11/12 12:20	39.328	39.516	33.858	2/11/13 6:00	38.169	22.778	34.764	36.332	27.647	30.177	36.803
11/11/12 12:40	39.347	39.495	33.841	2/11/13 7:00	38.172	22.788	34.767	36.313	27.661	30.167	36.799
11/11/12 13:00	39.314	39.446	33.830	2/11/13 8:00	38.165	22.806	34.776	36.315	27.675	30.186	36.808
11/11/12 13:20	39.300	39.467	33.823	2/11/13 9:00	38.172	22.816	34.790	36.311	27.693	30.193	36.817
11/11/12 13:40	39.298	39.434	33.818	2/11/13 10:00	38.174	22.841	34.806	36.315	27.726	30.214	36.834

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/11/12 14:00	39.284	39.385	33.816	2/11/13 11:00	38.160	22.855	34.855	36.320	27.728	30.258	36.873
11/11/12 14:20	39.347	39.478	33.902	2/11/13 12:00	38.158	22.851	34.855	36.308	27.735	30.258	36.887
11/11/12 14:40	39.288	39.432	34.111	2/11/13 13:00	38.134	22.869	34.855	36.311	27.859	30.263	36.890
11/11/12 15:00	39.356	39.422	34.454	2/11/13 14:00	38.081	22.860	35.163	36.292	27.890	30.422	37.039
11/11/12 15:20	39.305	39.457	34.149	2/11/13 15:00	38.041	22.820	35.288	36.250	27.862	30.469	37.126
11/11/12 15:40	39.330	39.443	34.066	2/11/13 16:00	38.006	22.811	35.223	36.220	27.820	30.485	37.159
11/11/12 16:00	39.230	39.299	33.973	2/11/13 17:00	37.985	22.797	35.130	36.192	27.803	30.413	37.089
11/11/12 16:20	39.109	39.207	34.059	2/11/13 18:00	37.978	22.795	35.093	36.178	27.785	30.387	37.042
11/11/12 16:40	39.258	39.352	33.956	2/11/13 19:00	37.976	22.804	35.041	36.173	27.768	30.350	36.995
11/11/12 17:00	39.030	38.899	34.057	2/11/13 20:00	37.983	22.809	35.011	36.171	27.749	30.333	36.962
11/11/12 17:20	39.130	39.128	34.113	2/11/13 21:00	37.995	22.830	34.946	36.175	27.731	30.322	36.930
11/11/12 17:40	38.894	38.833	33.966	2/11/13 22:00	38.016	22.844	34.885	36.185	27.733	30.279	36.883
11/11/12 18:00	38.939	38.908	34.015	2/11/13 23:00	38.018	22.869	34.872	36.201	27.721	30.270	36.864
11/11/12 18:20	38.757	38.651	33.980	2/12/13 0:00	38.025	22.874	34.855	36.201	27.719	30.258	36.852
11/11/12 18:40	38.705	38.595	33.909	2/12/13 1:00	38.016	22.879	34.846	36.208	27.700	30.254	36.848
11/11/12 19:00	38.678	38.565	34.088	2/12/13 2:00	37.992	22.867	34.827	36.199	27.682	30.240	36.838
11/11/12 19:20	38.659	38.551	33.898	2/12/13 3:00	37.964	22.860	34.841	36.178	27.649	30.216	36.822
11/11/12 19:40	38.635	38.525	33.862	2/12/13 4:00	37.955	22.832	34.785	36.154	27.635	30.198	36.813
11/11/12 20:00	38.622	38.506	33.841	2/12/13 5:00	37.971	22.834	34.764	36.145	27.637	30.172	36.787
11/11/12 20:20	38.610	38.497	33.830	2/12/13 6:00	37.967	22.865	34.760	36.159	27.621	30.172	36.773
11/11/12 20:40	38.598	38.483	33.820	2/12/13 7:00	37.955	22.855	34.741	36.154	27.609	30.160	36.759
11/11/12 21:00	38.586	38.473	33.811	2/12/13 8:00	37.934	22.851	34.727	36.145	27.588	30.142	36.747
11/11/12 21:20	38.584	38.467	33.804	2/12/13 9:00	37.953	22.837	34.708	36.129	27.616	30.121	36.735
11/11/12 21:40	38.579	38.467	33.801	2/12/13 10:00	37.941	22.848	34.767	36.143	27.591	30.160	36.766
11/11/12 22:00	38.575	38.462	33.797	2/12/13 11:00	37.964	22.839	34.720	36.131	27.621	30.123	36.749
11/11/12 22:20	38.570	38.455	33.794	2/12/13 12:00	37.962	22.872	34.811	36.152	27.696	30.151	36.763
11/11/12 22:40	38.570	38.455	33.794	2/12/13 13:00	37.927	22.844	34.986	36.152	27.728	30.214	36.843
11/11/12 23:00	38.589	38.474	33.867	2/12/13 14:00	37.899	22.823	35.072	36.124	27.649	30.326	36.974
11/11/12 23:20	38.577	38.464	33.820	2/12/13 15:00	37.876	22.795	34.925	36.101	27.602	30.230	36.904
11/11/12 23:40	38.573	38.455	33.905	2/12/13 16:00	37.860	22.776	34.825	36.082	27.567	30.191	36.862
11/12/12 0:00	38.589	38.476	33.858	2/12/13 17:00	37.860	22.757	34.774	36.068	27.567	30.146	36.789
11/12/12 0:20	38.580	38.462	33.825	2/12/13 18:00	37.850	22.769	34.778	36.066	27.563	30.137	36.777
11/12/12 0:40	38.577	38.462	33.813	2/12/13 19:00	37.855	22.762	34.804	36.061	27.553	30.128	36.768
11/12/12 1:00	38.570	38.457	33.806	2/12/13 20:00	37.874	22.767	34.767	36.063	27.528	30.132	36.761

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/12/12 1:20	38.565	38.446	33.799	2/12/13 21:00	37.888	22.776	34.692	36.080	27.516	30.081	36.710
11/12/12 1:40	38.558	38.443	33.792	2/12/13 22:00	37.902	22.778	34.666	36.089	27.504	30.062	36.679
11/12/12 2:00	38.554	38.438	33.787	2/12/13 23:00	37.913	22.781	34.646	36.096	27.502	30.050	36.665
11/12/12 2:20	38.563	38.445	33.832	2/13/13 0:00	37.920	22.788	34.638	36.105	27.499	30.041	36.658
11/12/12 2:40	38.551	38.434	33.797	2/13/13 1:00	37.925	22.790	34.634	36.112	27.492	30.036	36.656
11/12/12 3:00	38.544	38.429	33.785	2/13/13 2:00	37.930	22.788	34.627	36.115	27.488	30.029	36.656
11/12/12 3:20	38.540	38.422	33.776	2/13/13 3:00	37.925	22.785	34.620	36.119	27.476	30.027	36.654
11/12/12 3:40	38.533	38.417	33.769	2/13/13 4:00	37.930	22.776	34.608	36.115	27.474	30.013	36.647
11/12/12 4:00	38.528	38.408	33.762	2/13/13 5:00	37.927	22.776	34.604	36.117	27.460	30.006	36.642
11/12/12 4:20	38.524	38.406	33.759	2/13/13 6:00	37.916	22.769	34.592	36.115	27.441	30.001	36.630
11/12/12 4:40	38.519	38.401	33.752	2/13/13 7:00	37.906	22.753	34.573	36.108	27.434	29.983	36.616
11/12/12 5:00	38.519	38.403	33.752	2/13/13 8:00	37.909	22.750	34.562	36.098	27.429	29.966	36.604
11/12/12 5:20	38.514	38.399	33.752	2/13/13 9:00	37.923	22.750	34.557	36.098	27.432	29.959	36.602
11/12/12 5:40	38.516	38.399	33.752	2/13/13 10:00	37.932	22.757	34.562	36.112	27.453	29.964	36.604
11/12/12 6:00	38.516	38.399	33.752	2/13/13 11:00	37.930	22.757	34.617	36.117	27.436	29.969	36.611
11/12/12 6:20	38.519	38.399	33.752	2/13/13 12:00	37.918	22.755	34.573	36.117	27.420	29.973	36.625
11/12/12 6:40	38.516	38.396	33.755	2/13/13 13:00	37.911	22.741	34.559	36.105	27.422	29.957	36.616
11/12/12 7:00	38.519	38.399	33.755	2/13/13 14:00	37.883	22.725	34.606	36.096	27.392	29.945	36.609
11/12/12 7:20	38.523	38.403	33.757	2/13/13 15:00	37.857	22.692	34.562	36.075	27.376	29.952	36.621
11/12/12 7:40	38.533	38.410	33.759	2/13/13 16:00	37.843	22.681	34.550	36.052	27.357	29.941	36.618
11/12/12 8:00	38.535	38.415	33.762	2/13/13 17:00	37.850	22.660	34.534	36.045	27.343	29.917	36.595
11/12/12 8:20	38.537	38.417	33.769	2/13/13 18:00	37.855	22.667	34.499	36.045	27.331	29.887	36.560
11/12/12 8:40	38.542	38.422	33.773	2/13/13 19:00	37.864	22.664	34.478	36.049	27.348	29.873	36.541
11/12/12 9:00	38.568	38.450	33.860	2/13/13 20:00	37.881	22.664	34.571	36.061	27.518	29.866	36.532
11/12/12 9:20	38.563	38.448	33.816	2/13/13 21:00	37.895	22.674	34.972	36.075	27.513	30.055	36.714
11/12/12 9:40	38.561	38.443	33.806	2/13/13 22:00	37.899	22.676	34.837	36.089	27.490	30.118	36.817
11/12/12 10:00	38.563	38.450	33.806	2/13/13 23:00	37.930	22.683	34.757	36.091	27.495	30.067	36.754
11/12/12 10:20	38.563	38.443	33.804	2/14/13 0:00	37.944	22.695	34.734	36.117	27.509	30.088	36.745
11/12/12 10:40	38.629	38.511	34.376	2/14/13 1:00	37.957	22.699	34.750	36.129	27.478	30.062	36.728
11/12/12 11:00	38.680	38.569	34.383	2/14/13 2:00	37.981	22.702	34.660	36.140	27.490	30.036	36.689
11/12/12 11:20	38.726	38.618	34.561	2/14/13 3:00	37.990	22.720	34.660	36.159	27.488	30.046	36.684
11/12/12 11:40	38.722	38.611	34.491	2/14/13 4:00	38.020	22.729	34.641	36.166	27.511	30.032	36.668
11/12/12 12:00	38.745	38.642	34.327	2/14/13 5:00	38.025	22.750	34.657	36.189	27.511	30.050	36.679
11/12/12 12:20	38.731	38.625	34.200	2/14/13 6:00	38.037	22.757	34.648	36.194	27.516	30.048	36.672

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/12/12 12:40	38.862	38.901	34.210	2/14/13 7:00	38.039	22.764	34.648	36.203	27.523	30.050	36.670
11/12/12 13:00	38.995	39.027	34.027	2/14/13 8:00	38.055	22.778	34.650	36.203	27.539	30.053	36.672
11/12/12 13:20	39.023	39.133	33.968	2/14/13 9:00	38.072	22.792	34.662	36.217	27.553	30.064	36.684
11/12/12 13:40	39.018	39.079	33.942	2/14/13 10:00	38.093	22.809	34.671	36.234	27.581	30.081	36.698
11/12/12 14:00	39.228	39.399	34.020	2/14/13 11:00	38.104	22.834	34.694	36.250	27.595	30.102	36.717
11/12/12 14:20	39.246	39.397	33.952	2/14/13 12:00	38.109	22.848	34.711	36.259	27.609	30.123	36.738
11/12/12 14:40	39.186	39.168	33.933	2/14/13 13:00	38.102	22.858	34.725	36.264	27.710	30.135	36.754
11/12/12 15:00	39.309	39.439	34.104	2/14/13 14:00	38.086	22.860	34.972	36.259	27.761	30.244	36.864
11/12/12 15:20	39.239	39.338	33.956	2/14/13 15:00	38.074	22.851	35.111	36.248	27.745	30.350	36.979
11/12/12 15:40	39.323	39.446	33.935	2/14/13 16:00	38.065	22.860	35.009	36.241	27.752	30.324	36.974
11/12/12 16:00	39.344	39.518	33.928	2/14/13 17:00	38.065	22.865	35.023	36.236	27.780	30.296	36.953
11/12/12 16:20	39.365	39.507	34.041	2/14/13 18:00	38.062	22.876	35.074	36.236	27.747	30.357	36.983
11/12/12 16:40	39.414	39.567	34.181	2/14/13 19:00	38.079	22.881	34.953	36.238	27.768	30.326	36.955
11/12/12 17:00	39.393	39.532	34.210	2/14/13 20:00	38.104	22.904	34.967	36.250	27.801	30.343	36.955
11/12/12 17:20	39.356	39.478	34.167	2/14/13 21:00	38.134	22.937	34.988	36.271	27.803	30.338	36.934
11/12/12 17:40	38.953	38.847	34.242	2/14/13 22:00	38.155	22.970	34.941	36.297	27.820	30.338	36.915
11/12/12 18:00	38.845	38.738	34.137	2/14/13 23:00	38.167	22.979	34.955	36.313	27.852	30.361	36.930
11/12/12 18:20	38.787	38.679	34.020	2/15/13 0:00	38.167	22.993	35.004	36.320	27.841	30.359	36.932
11/12/12 18:40	38.729	38.618	33.959	2/15/13 1:00	38.167	22.997	34.958	36.325	27.845	30.373	36.944
11/12/12 19:00	38.708	38.597	34.184	2/15/13 2:00	38.174	23.009	34.958	36.322	27.869	30.371	36.946
11/12/12 19:20	38.694	38.586	34.003	2/15/13 3:00	38.169	23.025	34.993	36.327	27.866	30.408	36.969
11/12/12 19:40	38.659	38.548	33.933	2/15/13 4:00	38.160	23.037	34.974	36.322	27.864	30.394	36.969
11/12/12 20:00	38.636	38.520	33.898	2/15/13 5:00	38.139	23.033	34.969	36.318	27.852	30.394	36.967
11/12/12 20:20	38.619	38.506	33.877	2/15/13 6:00	38.141	23.035	34.960	36.299	27.862	30.380	36.958
11/12/12 20:40	38.605	38.490	33.862	2/15/13 7:00	38.134	23.049	34.962	36.301	27.859	30.385	36.958
11/12/12 21:00	38.589	38.474	33.848	2/15/13 8:00	38.132	23.058	34.960	36.297	27.866	30.385	36.955
11/12/12 21:20	38.603	38.487	33.961	2/15/13 9:00	38.127	23.067	34.962	36.297	27.876	30.389	36.958
11/12/12 21:40	38.586	38.473	33.867	2/15/13 10:00	38.118	23.077	34.983	36.290	27.878	30.406	36.979
11/12/12 22:00	38.575	38.460	33.844	2/15/13 11:00	38.090	23.074	34.995	36.283	27.855	30.413	36.988
11/12/12 22:20	38.568	38.450	33.830	2/15/13 12:00	38.055	23.063	34.962	36.262	27.862	30.387	36.974
11/12/12 22:40	38.559	38.441	33.818	2/15/13 13:00	38.041	23.058	35.023	36.236	27.831	30.380	36.979
11/12/12 23:00	38.551	38.436	33.811	2/15/13 14:00	38.011	23.049	34.969	36.220	27.808	30.382	36.983
11/12/12 23:20	38.545	38.432	33.801	2/15/13 15:00	37.971	23.035	34.948	36.199	27.782	30.357	36.967
11/12/12 23:40	38.559	38.443	33.884	2/15/13 16:00	37.950	23.016	34.934	36.166	27.747	30.336	36.951

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/13/12 0:00	38.551	38.436	33.823	2/15/13 17:00	37.946	23.007	34.883	36.147	27.728	30.291	36.918
11/13/12 0:20	38.540	38.427	33.806	2/15/13 18:00	37.944	23.012	34.855	36.143	27.745	30.265	36.885
11/13/12 0:40	38.533	38.417	33.794	2/15/13 19:00	37.969	23.021	34.944	36.143	27.876	30.258	36.871
11/13/12 1:00	38.526	38.410	33.785	2/15/13 20:00	38.004	23.046	35.249	36.164	27.859	30.415	37.009
11/13/12 1:20	38.521	38.406	33.778	2/15/13 21:00	38.020	23.072	35.102	36.196	27.869	30.441	37.051
11/13/12 1:40	38.512	38.396	33.769	2/15/13 22:00	38.041	23.086	35.072	36.208	27.869	30.429	37.025
11/13/12 2:00	38.505	38.392	33.762	2/15/13 23:00	38.041	23.102	35.039	36.227	27.850	30.431	37.016
11/13/12 2:20	38.500	38.385	33.755	2/16/13 0:00	38.034	23.098	34.997	36.224	27.866	30.399	36.981
11/13/12 2:40	38.493	38.378	33.748	2/16/13 1:00	38.023	23.095	35.046	36.227	27.834	30.417	36.993
11/13/12 3:00	38.512	38.399	33.841	2/16/13 2:00	38.016	23.098	34.967	36.217	27.815	30.378	36.958
11/13/12 3:20	38.503	38.387	33.776	2/16/13 3:00	38.006	23.102	34.939	36.213	27.799	30.354	36.932
11/13/12 3:40	38.491	38.375	33.757	2/16/13 4:00	37.997	23.091	34.951	36.206	27.792	30.336	36.911
11/13/12 4:00	38.482	38.368	33.745	2/16/13 5:00	37.990	23.093	34.916	36.199	27.754	30.331	36.915
11/13/12 4:20	38.477	38.361	33.733	2/16/13 6:00	37.983	23.074	34.876	36.178	27.735	30.296	36.885
11/13/12 4:40	38.470	38.354	33.722	2/16/13 7:00	37.978	23.074	34.853	36.161	27.705	30.270	36.864
11/13/12 5:00	38.463	38.345	33.715	2/16/13 8:00	37.976	23.060	34.827	36.145	27.663	30.244	36.841
11/13/12 5:20	38.454	38.338	33.705	2/16/13 9:00	37.904	23.030	34.788	36.117	27.642	30.205	36.810
11/13/12 5:40	38.451	38.333	33.698	2/16/13 10:00	37.885	23.028	34.764	36.108	27.612	30.181	36.789
11/13/12 6:00	38.444	38.326	33.687	2/16/13 11:00	37.843	23.005	34.734	36.091	27.560	30.153	36.766
11/13/12 6:20	38.440	38.322	33.684	2/16/13 12:00	37.818	22.970	34.692	36.054	27.525	30.109	36.735
11/13/12 6:40	38.437	38.319	33.679	2/16/13 13:00	37.808	22.956	34.657	36.031	27.628	30.069	36.705
11/13/12 7:00	38.437	38.319	33.675	2/16/13 14:00	37.773	22.939	34.986	36.026	27.607	30.167	36.789
11/13/12 7:20	38.435	38.317	33.672	2/16/13 15:00	37.748	22.911	34.932	35.998	27.598	30.219	36.892
11/13/12 7:40	38.435	38.315	33.670	2/16/13 16:00	37.757	22.881	34.983	35.977	27.546	30.177	36.862
11/13/12 8:00	38.440	38.319	33.670	2/16/13 17:00	37.760	22.881	34.823	35.996	27.546	30.156	36.850
11/13/12 8:20	38.437	38.317	33.670	2/16/13 18:00	37.773	22.872	34.846	35.996	27.535	30.102	36.789
11/13/12 8:40	38.437	38.317	33.668	2/16/13 19:00	37.792	22.876	34.809	36.005	27.528	30.111	36.787
11/13/12 9:00	38.440	38.319	33.670	2/16/13 20:00	37.813	22.872	34.776	36.017	27.504	30.109	36.766
11/13/12 9:20	38.437	38.319	33.668	2/16/13 21:00	37.836	22.876	34.708	36.035	27.478	30.081	36.724
11/13/12 9:40	38.447	38.322	33.907	2/16/13 22:00	37.846	22.881	34.648	36.049	27.457	30.039	36.670
11/13/12 10:00	38.458	38.343	33.715	2/16/13 23:00	37.862	22.869	34.613	36.054	27.462	30.011	36.632
11/13/12 10:20	38.458	38.343	33.691	2/17/13 0:00	37.871	22.874	34.620	36.068	27.441	30.015	36.632
11/13/12 10:40	38.463	38.345	33.684	2/17/13 1:00	37.869	22.860	34.587	36.073	27.432	29.992	36.611
11/13/12 11:00	38.482	38.366	33.776	2/17/13 2:00	37.869	22.851	34.580	36.070	27.427	29.980	36.609

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/13/12 11:20	38.470	38.352	33.708	2/17/13 3:00	37.874	22.837	34.587	36.070	27.406	29.985	36.611
11/13/12 11:40	38.463	38.352	33.689	2/17/13 4:00	37.871	22.832	34.552	36.073	27.392	29.955	36.590
11/13/12 12:00	38.461	38.350	33.677	2/17/13 5:00	37.871	22.823	34.534	36.070	27.378	29.936	36.574
11/13/12 12:20	38.479	38.361	34.059	2/17/13 6:00	37.874	22.809	34.520	36.068	27.366	29.922	36.562
11/13/12 12:40	38.486	38.375	33.752	2/17/13 7:00	37.869	22.804	34.506	36.068	27.350	29.908	36.553
11/13/12 13:00	38.489	38.385	33.703	2/17/13 8:00	37.864	22.785	34.489	36.070	27.336	29.894	36.541
11/13/12 13:20	38.449	38.336	33.677	2/17/13 9:00	37.857	22.776	34.478	36.066	27.331	29.880	36.532
11/13/12 13:40	38.521	38.488	33.654	2/17/13 10:00	37.862	22.767	34.485	36.068	27.320	29.880	36.541
11/13/12 14:00	38.587	38.555	33.637	2/17/13 11:00	37.855	22.762	34.466	36.082	27.301	29.863	36.525
11/13/12 14:20	38.586	38.546	33.628	2/17/13 12:00	37.839	22.739	34.448	36.052	27.280	29.847	36.516
11/13/12 14:40	38.510	38.420	33.621	2/17/13 13:00	37.806	22.720	34.429	36.040	27.399	29.824	36.504
11/13/12 15:00	38.731	38.784	33.616	2/17/13 14:00	37.764	22.674	34.818	36.012	27.404	29.936	36.618
11/13/12 15:20	38.703	38.635	33.783	2/17/13 15:00	37.720	22.629	34.841	35.986	27.327	30.025	36.761
11/13/12 15:40	38.642	38.490	33.884	2/17/13 16:00	37.694	22.597	34.697	35.954	27.247	29.945	36.742
11/13/12 16:00	38.815	38.859	33.769	2/17/13 17:00	37.683	22.569	34.541	35.928	27.240	29.870	36.644
11/13/12 16:20	38.890	38.866	33.785	2/17/13 18:00	37.687	22.557	34.585	35.919	27.240	29.817	36.567
11/13/12 16:40	38.766	38.796	33.710	2/17/13 19:00	37.699	22.543	34.576	35.921	27.205	29.807	36.539
11/13/12 17:00	38.668	38.565	33.677	2/17/13 20:00	37.713	22.536	34.510	35.930	27.165	29.796	36.523
11/13/12 17:20	38.645	38.609	33.668	2/17/13 21:00	37.725	22.534	34.389	35.942	27.147	29.744	36.457
11/13/12 17:40	38.654	38.626	33.663	2/17/13 22:00	37.736	22.518	34.368	35.947	27.121	29.718	36.408
11/13/12 18:00	38.626	38.504	34.031	2/17/13 23:00	37.746	22.513	34.312	35.956	27.098	29.686	36.378
11/13/12 18:20	38.712	38.593	34.435	2/18/13 0:00	37.727	22.504	34.280	35.963	27.056	29.660	36.345
11/13/12 18:40	38.768	38.663	34.414	2/18/13 1:00	37.718	22.459	34.235	35.947	27.025	29.620	36.314
11/13/12 19:00	38.736	38.635	34.172	2/18/13 2:00	37.697	22.443	34.205	35.937	26.985	29.588	36.289
11/13/12 19:20	38.705	38.602	34.210	2/18/13 3:00	37.697	22.408	34.168	35.916	26.974	29.550	36.261
11/13/12 19:40	38.652	38.546	33.970	2/18/13 4:00	37.755	22.415	34.152	35.916	26.997	29.524	36.242
11/13/12 20:00	38.621	38.513	33.935	2/18/13 5:00	37.769	22.445	34.168	35.965	27.011	29.550	36.242
11/13/12 20:20	38.601	38.490	33.902	2/18/13 6:00	37.862	22.466	34.173	35.975	27.074	29.543	36.249
11/13/12 20:40	38.586	38.480	33.909	2/18/13 7:00	37.918	22.527	34.224	36.054	27.114	29.602	36.279
11/13/12 21:00	38.566	38.455	33.820	2/18/13 8:00	37.985	22.562	34.259	36.096	27.177	29.644	36.314
11/13/12 21:20	38.563	38.455	33.867	2/18/13 9:00	38.062	22.606	34.315	36.150	27.240	29.695	36.361
11/13/12 21:40	38.537	38.425	33.797	2/18/13 10:00	38.104	22.648	34.368	36.208	27.292	29.761	36.413
11/13/12 22:00	38.519	38.403	33.769	2/18/13 11:00	38.134	22.678	34.417	36.245	27.343	29.810	36.462
11/13/12 22:20	38.505	38.392	33.745	2/18/13 12:00	38.158	22.699	34.478	36.273	27.373	29.868	36.518

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/13/12 22:40	38.496	38.385	33.729	2/18/13 13:00	38.158	22.720	34.501	36.292	27.392	29.894	36.553
11/13/12 23:00	38.521	38.410	33.820	2/18/13 14:00	38.146	22.718	34.522	36.294	27.401	29.917	36.574
11/13/12 23:20	38.500	38.387	33.748	2/18/13 15:00	38.144	22.713	34.531	36.283	27.434	29.926	36.590
11/13/12 23:40	38.484	38.368	33.722	2/18/13 16:00	38.127	22.716	34.594	36.283	27.439	29.962	36.623
11/14/12 0:00	38.475	38.359	33.708	2/18/13 17:00	38.134	22.716	34.594	36.271	27.469	29.980	36.651
11/14/12 0:20	38.463	38.345	33.694	2/18/13 18:00	38.155	22.737	34.615	36.278	27.495	29.999	36.670
11/14/12 0:40	38.456	38.338	33.724	2/18/13 19:00	38.162	22.769	34.634	36.297	27.558	30.020	36.679
11/14/12 1:00	38.468	38.352	33.736	2/18/13 20:00	38.181	22.788	34.760	36.304	27.752	30.043	36.714
11/14/12 1:20	38.454	38.340	33.696	2/18/13 21:00	38.202	22.811	35.179	36.322	27.773	30.324	36.965
11/14/12 1:40	38.442	38.326	33.679	2/18/13 22:00	38.193	22.839	35.170	36.341	27.766	30.324	36.995
11/14/12 2:00	38.433	38.317	33.663	2/18/13 23:00	38.190	22.830	35.046	36.334	27.796	30.361	37.032
11/14/12 2:20	38.428	38.310	33.654	2/19/13 0:00	38.190	22.844	35.074	36.336	27.792	30.373	37.032
11/14/12 2:40	38.419	38.303	33.647	2/19/13 1:00	38.186	22.862	35.046	36.334	27.789	30.354	36.990
11/14/12 3:00	38.412	38.298	33.640	2/19/13 2:00	38.176	22.867	35.025	36.332	27.775	30.343	36.955
11/14/12 3:20	38.409	38.294	33.633	2/19/13 3:00	38.174	22.876	34.951	36.327	27.766	30.336	36.941
11/14/12 3:40	38.407	38.291	33.633	2/19/13 4:00	38.179	22.888	34.911	36.322	27.782	30.308	36.908
11/14/12 4:00	38.419	38.303	33.691	2/19/13 5:00	38.167	22.904	34.923	36.329	27.773	30.322	36.913
11/14/12 4:20	38.407	38.291	33.649	2/19/13 6:00	38.179	22.907	34.899	36.318	27.792	30.308	36.897
11/14/12 4:40	38.402	38.284	33.633	2/19/13 7:00	38.174	22.932	34.906	36.308	27.799	30.319	36.899
11/14/12 5:00	38.393	38.275	33.621	2/19/13 8:00	38.176	22.949	34.911	36.264	27.806	30.322	36.904
11/14/12 5:20	38.386	38.270	33.611	2/19/13 9:00	38.174	22.958	34.916	36.234	27.813	30.331	36.913
11/14/12 5:40	38.381	38.263	33.604	2/19/13 10:00	38.179	22.970	34.920	36.208	27.827	30.338	36.918
11/14/12 6:00	38.381	38.263	33.602	2/19/13 11:00	38.181	22.988	34.934	36.203	27.845	30.352	36.930
11/14/12 6:20	38.379	38.265	33.602	2/19/13 12:00	38.160	23.000	34.958	36.238	27.871	30.375	36.955
11/14/12 6:40	38.377	38.259	33.600	2/19/13 13:00	38.144	22.995	35.063	36.292	28.007	30.373	36.967
11/14/12 7:00	38.379	38.259	33.600	2/19/13 14:00	38.095	22.998	35.405	36.339	27.950	30.551	37.135
11/14/12 7:20	38.381	38.263	33.600	2/19/13 15:00	38.048	22.963	35.270	36.374	27.908	30.572	37.198
11/14/12 7:40	38.384	38.265	33.602	2/19/13 16:00	38.013	22.944	35.174	36.234	27.869	30.495	37.128
11/14/12 8:00	38.386	38.268	33.600	2/19/13 17:00	37.992	22.942	35.097	36.208	27.841	30.466	37.089
11/14/12 8:20	38.402	38.286	33.708	2/19/13 18:00	37.971	22.932	35.088	36.187	27.834	30.413	37.035
11/14/12 8:40	38.402	38.284	33.635	2/19/13 19:00	37.964	22.935	35.090	36.171	27.845	30.431	37.028
11/14/12 9:00	38.400	38.284	33.618	2/19/13 20:00	38.004	22.939	35.102	36.168	27.834	30.406	37.014
11/14/12 9:20	38.395	38.275	33.614	2/19/13 21:00	38.004	22.986	35.009	36.199	27.801	30.396	36.993
11/14/12 9:40	38.393	38.275	33.609	2/19/13 22:00	38.018	22.979	34.948	36.196	27.813	30.354	36.937

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/14/12 10:00	38.398	38.282	33.609	2/19/13 23:00	38.023	23.002	34.960	36.210	27.792	30.359	36.927
11/14/12 10:20	38.400	38.282	33.609	2/20/13 0:00	38.016	23.000	34.920	36.213	27.771	30.333	36.901
11/14/12 10:40	38.414	38.298	33.663	2/20/13 1:00	38.011	22.993	34.892	36.206	27.761	30.312	36.880
11/14/12 11:00	38.421	38.301	33.888	2/20/13 2:00	37.995	23.000	34.888	36.201	27.738	30.308	36.876
11/14/12 11:20	38.426	38.310	33.677	2/20/13 3:00	37.981	22.986	34.855	36.187	27.714	30.275	36.855
11/14/12 11:40	38.440	38.326	33.745	2/20/13 4:00	37.964	22.977	34.834	36.173	27.696	30.254	36.831
11/14/12 12:00	38.428	38.310	33.668	2/20/13 5:00	37.962	22.974	34.813	36.161	27.677	30.230	36.813
11/14/12 12:20	38.421	38.303	33.783	2/20/13 6:00	37.950	22.972	34.795	36.157	27.665	30.214	36.801
11/14/12 12:40	38.444	38.329	33.839	2/20/13 7:00	37.941	22.970	34.778	36.147	27.661	30.195	36.792
11/14/12 13:00	38.428	38.312	33.675	2/20/13 8:00	37.969	22.981	34.774	36.143	27.670	30.184	36.785
11/14/12 13:20	38.437	38.322	33.703	2/20/13 9:00	37.967	22.993	34.781	36.173	27.656	30.205	36.789
11/14/12 13:40	38.433	38.317	33.647	2/20/13 10:00	37.964	22.986	34.771	36.164	27.670	30.191	36.789
11/14/12 14:00	38.433	38.319	33.687	2/20/13 11:00	37.962	23.007	34.778	36.185	27.663	30.195	36.794
11/14/12 14:20	38.426	38.310	33.790	2/20/13 12:00	37.955	23.005	34.774	36.173	27.658	30.188	36.789
11/14/12 14:40	38.407	38.296	33.637	2/20/13 13:00	37.948	22.981	34.806	36.152	27.649	30.195	36.803
11/14/12 15:00	38.386	38.270	33.597	2/20/13 14:00	37.953	22.960	34.832	36.133	27.628	30.188	36.820
11/14/12 15:20	38.391	38.272	33.780	2/20/13 15:00	37.878	22.949	34.802	36.117	27.567	30.193	36.827
11/14/12 15:40	38.372	38.256	33.604	2/20/13 16:00	37.860	22.916	34.720	36.089	27.553	30.123	36.766
11/14/12 16:00	38.356	38.240	33.567	2/20/13 17:00	37.853	22.909	34.760	36.073	27.518	30.095	36.735
11/14/12 16:20	38.363	38.249	33.647	2/20/13 18:00	37.843	22.893	34.667	36.063	27.497	30.074	36.712
11/14/12 16:40	38.344	38.230	33.567	2/20/13 19:00	37.839	22.888	34.639	36.056	27.560	30.039	36.684
11/14/12 17:00	38.339	38.221	33.541	2/20/13 20:00	37.864	22.879	34.806	36.052	27.542	30.116	36.768
11/14/12 17:20	38.323	38.205	33.527	2/20/13 21:00	37.904	22.902	34.727	36.075	27.535	30.104	36.745
11/14/12 17:40	38.335	38.219	33.616	2/20/13 22:00	37.909	22.921	34.685	36.105	27.528	30.083	36.714
11/14/12 18:00	38.360	38.249	33.715	2/20/13 23:00	37.925	22.918	34.667	36.110	27.521	30.067	36.693
11/14/12 18:20	38.391	38.277	33.919	2/21/13 0:00	37.930	22.918	34.653	36.122	27.504	30.057	36.679
11/14/12 18:40	38.451	38.340	34.268	2/21/13 1:00	37.916	22.904	34.634	36.126	27.476	30.050	36.670
11/14/12 19:00	38.472	38.368	33.977	2/21/13 2:00	37.895	22.881	34.606	36.110	27.462	30.027	36.649
11/14/12 19:20	38.477	38.371	33.996	2/21/13 3:00	37.867	22.874	34.597	36.096	27.425	30.004	36.635
11/14/12 19:40	38.433	38.324	33.755	2/21/13 4:00	37.846	22.842	34.559	36.073	27.390	29.971	36.614
11/14/12 20:00	38.409	38.296	33.677	2/21/13 5:00	37.808	22.825	34.529	36.052	27.357	29.938	36.588
11/14/12 20:20	38.400	38.284	33.865	2/21/13 6:00	37.818	22.811	34.499	36.021	27.352	29.894	36.555
11/14/12 20:40	38.419	38.305	33.816	2/21/13 7:00	37.829	22.814	34.492	36.031	27.338	29.887	36.546
11/14/12 21:00	38.419	38.303	33.841	2/21/13 8:00	37.836	22.802	34.476	36.038	27.329	29.877	36.532

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/14/12 21:20	38.398	38.284	33.661	2/21/13 9:00	37.848	22.793	34.466	36.042	27.334	29.870	36.523
11/14/12 21:40	38.402	38.289	33.696	2/21/13 10:00	37.853	22.802	34.466	36.054	27.327	29.863	36.523
11/14/12 22:00	38.395	38.277	33.884	2/21/13 11:00	37.848	22.793	34.459	36.054	27.310	29.861	36.518
11/14/12 22:20	38.391	38.277	33.647	2/21/13 12:00	37.841	22.776	34.448	36.049	27.289	29.847	36.509
11/14/12 22:40	38.407	38.296	33.710	2/21/13 13:00	37.820	22.755	34.429	36.045	27.259	29.828	36.499
11/14/12 23:00	38.388	38.273	33.633	2/21/13 14:00	37.836	22.727	34.401	36.028	27.263	29.805	36.476
11/14/12 23:20	38.374	38.258	33.600	2/21/13 15:00	37.829	22.739	34.406	36.042	27.245	29.800	36.471
11/14/12 23:40	38.381	38.268	33.691	2/21/13 16:00	37.820	22.711	34.389	36.031	27.233	29.786	36.462
11/15/12 0:00	38.367	38.251	33.595	2/21/13 17:00	37.827	22.706	34.380	36.024	27.231	29.768	36.455
11/15/12 0:20	38.358	38.242	33.567	2/21/13 18:00	37.855	22.699	34.382	36.031	27.336	29.768	36.455
11/15/12 0:40	38.349	38.233	33.555	2/21/13 19:00	37.881	22.709	34.680	36.052	27.455	29.826	36.511
11/15/12 1:00	38.342	38.226	33.546	2/21/13 20:00	37.902	22.718	34.878	36.077	27.462	30.053	36.752
11/15/12 1:20	38.337	38.221	33.539	2/21/13 21:00	37.920	22.725	34.785	36.096	27.460	30.085	36.799
11/15/12 1:40	38.335	38.219	33.532	2/21/13 22:00	37.939	22.727	34.757	36.112	27.448	30.036	36.752
11/15/12 2:00	38.330	38.212	33.522	2/21/13 23:00	37.962	22.741	34.687	36.124	27.453	30.034	36.726
11/15/12 2:20	38.323	38.205	33.515	2/22/13 0:00	37.981	22.746	34.706	36.145	27.443	30.013	36.684
11/15/12 2:40	38.330	38.209	33.712	2/22/13 1:00	38.002	22.755	34.638	36.157	27.455	29.997	36.656
11/15/12 3:00	38.328	38.212	33.541	2/22/13 2:00	38.016	22.774	34.620	36.175	27.455	30.004	36.649
11/15/12 3:20	38.316	38.202	33.518	2/22/13 3:00	38.025	22.779	34.604	36.187	27.455	29.997	36.630
11/15/12 3:40	38.309	38.191	33.504	2/22/13 4:00	38.018	22.779	34.597	36.194	27.453	29.997	36.625
11/15/12 4:00	38.302	38.186	33.497	2/22/13 5:00	38.037	22.781	34.592	36.189	27.481	29.987	36.621
11/15/12 4:20	38.295	38.179	33.487	2/22/13 6:00	38.039	22.802	34.620	36.206	27.474	30.013	36.644
11/15/12 4:40	38.295	38.177	33.482	2/22/13 7:00	38.053	22.800	34.606	36.203	27.492	30.011	36.640
11/15/12 5:00	38.290	38.172	33.475	2/22/13 8:00	38.060	22.821	34.620	36.220	27.502	30.020	36.649
11/15/12 5:20	38.286	38.170	33.471	2/22/13 9:00	38.065	22.828	34.629	36.224	27.528	30.027	36.661
11/15/12 5:40	38.281	38.163	33.466	2/22/13 10:00	38.095	22.844	34.671	36.227	27.577	30.064	36.696
11/15/12 6:00	38.281	38.160	33.466	2/22/13 11:00	38.095	22.867	34.753	36.255	27.577	30.078	36.719
11/15/12 6:20	38.283	38.163	33.466	2/22/13 12:00	38.093	22.860	34.729	36.252	27.647	30.125	36.754
11/15/12 6:40	38.288	38.167	33.468	2/22/13 13:00	38.095	22.872	34.876	36.252	27.665	30.200	36.831
11/15/12 7:00	38.290	38.172	33.475	2/22/13 14:00	38.079	22.872	34.897	36.257	27.670	30.228	36.866
11/15/12 7:20	38.295	38.177	33.478	2/22/13 15:00	38.055	22.874	34.934	36.245	27.640	30.240	36.883
11/15/12 7:40	38.304	38.184	33.482	2/22/13 16:00	38.030	22.862	34.858	36.227	27.598	30.184	36.838
11/15/12 8:00	38.307	38.188	33.482	2/22/13 17:00	38.016	22.842	34.760	36.206	27.607	30.151	36.796
11/15/12 8:20	38.314	38.193	33.487	2/22/13 18:00	38.006	22.849	34.834	36.196	27.656	30.151	36.787

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/15/12 8:40	38.335	38.221	33.558	2/22/13 19:00	37.997	22.846	34.962	36.189	27.675	30.205	36.834
11/15/12 9:00	38.337	38.216	33.529	2/22/13 20:00	38.009	22.849	34.974	36.182	27.642	30.258	36.906
11/15/12 9:20	38.339	38.216	33.525	2/22/13 21:00	38.011	22.860	34.844	36.192	27.644	30.214	36.871
11/15/12 9:40	38.344	38.226	33.529	2/22/13 22:00	38.020	22.876	34.858	36.194	27.621	30.177	36.817
11/15/12 10:00	38.346	38.226	33.529	2/22/13 23:00	38.006	22.874	34.778	36.203	27.602	30.174	36.806
11/15/12 10:20	38.370	38.249	33.726	2/23/13 0:00	38.004	22.874	34.750	36.189	27.593	30.149	36.777
11/15/12 10:40	38.372	38.256	33.579	2/23/13 1:00	37.983	22.874	34.734	36.189	27.584	30.135	36.759
11/15/12 11:00	38.372	38.254	33.567	2/23/13 2:00	37.969	22.853	34.748	36.173	27.558	30.113	36.742
11/15/12 11:20	38.374	38.256	33.562	2/23/13 3:00	37.957	22.853	34.699	36.159	27.532	30.099	36.726
11/15/12 11:40	38.400	38.282	33.633	2/23/13 4:00	37.939	22.837	34.669	36.150	27.509	30.076	36.700
11/15/12 12:00	38.395	38.277	33.600	2/23/13 5:00	37.913	22.832	34.643	36.133	27.481	30.053	36.677
11/15/12 12:20	38.388	38.270	33.581	2/23/13 6:00	37.909	22.809	34.615	36.112	27.467	30.022	36.654
11/15/12 12:40	38.384	38.263	33.569	2/23/13 7:00	37.895	22.807	34.601	36.108	27.443	30.006	36.640
11/15/12 13:00	38.379	38.261	33.560	2/23/13 8:00	37.897	22.790	34.580	36.094	27.443	29.983	36.623
11/15/12 13:20	38.393	38.277	33.640	2/23/13 9:00	37.906	22.802	34.578	36.098	27.441	29.978	36.618
11/15/12 13:40	38.386	38.270	33.581	2/23/13 10:00	37.918	22.804	34.576	36.103	27.441	29.976	36.621
11/15/12 14:00	38.391	38.275	33.565	2/23/13 11:00	37.913	22.804	34.573	36.112	27.432	29.976	36.621
11/15/12 14:20	38.792	38.904	33.628	2/23/13 12:00	37.920	22.804	34.566	36.108	27.439	29.966	36.618
11/15/12 14:40	38.759	38.803	33.602	2/23/13 13:00	37.911	22.793	34.583	36.115	27.422	29.983	36.632
11/15/12 15:00	38.642	38.586	33.602	2/23/13 14:00	37.904	22.800	34.562	36.105	27.427	29.962	36.621
11/15/12 15:20	38.808	38.819	33.705	2/23/13 15:00	37.885	22.779	34.594	36.103	27.406	29.985	36.642
11/15/12 15:40	38.761	38.766	33.649	2/23/13 16:00	37.864	22.751	34.585	36.087	27.364	29.943	36.614
11/15/12 16:00	38.866	38.934	33.637	2/23/13 17:00	37.855	22.732	34.520	36.068	27.343	29.915	36.588
11/15/12 16:20	38.864	38.843	33.698	2/23/13 18:00	37.869	22.730	34.496	36.059	27.338	29.887	36.562
11/15/12 16:40	38.845	38.826	33.672	2/23/13 19:00	37.857	22.727	34.485	36.070	27.324	29.884	36.548
11/15/12 17:00	38.946	39.020	33.665	2/23/13 20:00	37.874	22.713	34.471	36.059	27.385	29.866	36.537
11/15/12 17:20	38.897	38.960	33.923	2/23/13 21:00	37.895	22.725	34.639	36.070	27.378	29.868	36.551
11/15/12 17:40	38.815	38.777	33.919	2/23/13 22:00	37.918	22.739	34.550	36.091	27.499	29.929	36.609
11/15/12 18:00	38.635	38.530	33.933	2/23/13 23:00	37.932	22.737	34.867	36.110	27.518	30.041	36.707
11/15/12 18:20	38.598	38.492	33.860	2/24/13 0:00	37.930	22.751	34.834	36.124	27.504	30.104	36.794
11/15/12 18:40	38.673	38.565	34.109	2/24/13 1:00	37.918	22.737	34.785	36.119	27.462	30.088	36.782
11/15/12 19:00	38.687	38.574	34.003	2/24/13 2:00	37.927	22.727	34.692	36.110	27.443	30.048	36.733
11/15/12 19:20	38.663	38.553	33.902	2/24/13 3:00	37.932	22.732	34.641	36.119	27.439	30.013	36.684
11/15/12 19:40	38.624	38.511	33.823	2/24/13 4:00	37.937	22.739	34.622	36.124	27.432	29.999	36.656

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/15/12 20:00	38.643	38.530	34.144	2/24/13 5:00	37.937	22.730	34.613	36.124	27.411	29.994	36.632
11/15/12 20:20	38.636	38.530	33.970	2/24/13 6:00	37.939	22.723	34.569	36.124	27.406	29.959	36.607
11/15/12 20:40	38.649	38.539	34.299	2/24/13 7:00	37.946	22.725	34.555	36.126	27.399	29.948	36.590
11/15/12 21:00	38.635	38.523	34.256	2/24/13 8:00	37.941	22.727	34.543	36.131	27.392	29.941	36.583
11/15/12 21:20	38.610	38.504	33.909	2/24/13 9:00	37.960	22.723	34.536	36.126	27.425	29.933	36.581
11/15/12 21:40	38.582	38.471	33.837	2/24/13 10:00	37.983	22.739	34.583	36.145	27.432	29.971	36.623
11/15/12 22:00	38.561	38.448	33.799	2/24/13 11:00	37.974	22.751	34.594	36.164	27.436	29.973	36.625
11/15/12 22:20	38.568	38.457	33.874	2/24/13 12:00	37.974	22.748	34.585	36.157	27.432	29.973	36.635
11/15/12 22:40	38.549	38.436	33.797	2/24/13 13:00	37.937	22.744	34.629	36.157	27.497	29.971	36.635
11/15/12 23:00	38.537	38.420	33.769	2/24/13 14:00	37.913	22.711	34.776	36.129	27.525	30.043	36.740
11/15/12 23:20	38.526	38.413	33.752	2/24/13 15:00	37.911	22.695	34.827	36.112	27.521	30.078	36.817
11/15/12 23:40	38.519	38.403	33.740	2/24/13 16:00	37.909	22.690	34.790	36.115	27.535	30.109	36.876
11/16/12 0:00	38.514	38.396	33.733	2/24/13 17:00	37.923	22.697	34.802	36.117	27.518	30.116	36.887
11/16/12 0:20	38.507	38.394	33.726	2/24/13 18:00	37.930	22.713	34.764	36.129	27.553	30.099	36.864
11/16/12 0:40	38.526	38.410	33.799	2/24/13 19:00	37.974	22.716	34.878	36.131	27.570	30.097	36.827
11/16/12 1:00	38.519	38.401	33.750	2/24/13 20:00	38.004	22.746	34.848	36.168	27.609	30.146	36.838
11/16/12 1:20	38.512	38.396	33.736	2/24/13 21:00	38.032	22.765	34.860	36.192	27.607	30.186	36.848
11/16/12 1:40	38.507	38.389	33.726	2/24/13 22:00	38.055	22.793	34.802	36.215	27.607	30.165	36.820
11/16/12 2:00	38.500	38.387	33.719	2/24/13 23:00	38.044	22.793	34.790	36.238	27.605	30.167	36.808
11/16/12 2:20	38.496	38.378	33.712	2/25/13 0:00	38.053	22.793	34.781	36.236	27.614	30.149	36.808
11/16/12 2:40	38.493	38.378	33.710	2/25/13 1:00	38.053	22.800	34.802	36.250	27.614	30.167	36.843
11/16/12 3:00	38.489	38.371	33.705	2/25/13 2:00	38.013	22.804	34.795	36.252	27.593	30.167	36.845
11/16/12 3:20	38.482	38.364	33.696	2/25/13 3:00	38.030	22.772	34.788	36.229	27.612	30.146	36.845
11/16/12 3:40	38.479	38.361	33.691	2/25/13 4:00	38.002	22.786	34.820	36.255	27.619	30.167	36.890
11/16/12 4:00	38.477	38.361	33.691	2/25/13 5:00	38.016	22.783	34.851	36.241	27.626	30.181	36.934
11/16/12 4:20	38.470	38.354	33.684	2/25/13 6:00	37.999	22.793	34.851	36.252	27.619	30.195	36.941
11/16/12 4:40	38.468	38.350	33.679	2/25/13 7:00	37.995	22.793	34.844	36.243	27.626	30.184	36.932
11/16/12 5:00	38.461	38.343	33.672	2/25/13 8:00	37.999	22.795	34.855	36.245	27.637	30.184	36.946
11/16/12 5:20	38.451	38.331	33.661	2/25/13 9:00	38.011	22.804	34.869	36.252	27.651	30.200	36.965
11/16/12 5:40	38.442	38.322	33.651	2/25/13 10:00	38.020	22.811	34.885	36.264	27.668	30.216	36.976
11/16/12 6:00	38.440	38.319	33.644	2/25/13 11:00	38.009	22.825	34.890	36.273	27.633	30.230	36.993
11/16/12 6:20	38.442	38.322	33.644	2/25/13 12:00	37.971	22.809	34.825	36.236	27.600	30.202	36.908
11/16/12 6:40	38.440	38.322	33.647	2/25/13 13:00	37.957	22.783	34.783	36.196	27.572	30.165	36.841
11/16/12 7:00	38.437	38.319	33.647	2/25/13 14:00	37.955	22.783	34.736	36.182	27.572	30.125	36.780

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/16/12 7:20	38.435	38.317	33.647	2/25/13 15:00	37.934	22.790	34.748	36.175	27.558	30.132	36.761
11/16/12 7:40	38.435	38.319	33.644	2/25/13 16:00	37.916	22.765	34.757	36.154	27.513	30.106	36.749
11/16/12 8:00	38.435	38.317	33.642	2/25/13 17:00	37.923	22.755	34.671	36.138	27.504	30.064	36.703
11/16/12 8:20	38.433	38.317	33.640	2/25/13 18:00	37.911	22.767	34.646	36.138	27.560	30.041	36.668
11/16/12 8:40	38.435	38.317	33.640	2/25/13 19:00	37.897	22.741	34.834	36.131	27.537	30.076	36.696
11/16/12 9:00	38.433	38.312	33.640	2/25/13 20:00	37.888	22.732	34.823	36.117	27.598	30.083	36.724
11/16/12 9:20	38.435	38.317	33.640	2/25/13 21:00	37.881	22.727	34.923	36.110	27.537	30.165	36.827
11/16/12 9:40	38.435	38.317	33.642	2/25/13 22:00	37.918	22.720	34.778	36.103	27.525	30.135	36.785
11/16/12 10:00	38.430	38.315	33.640	2/25/13 23:00	37.946	22.753	34.706	36.133	27.553	30.081	36.719
11/16/12 10:20	38.456	38.340	33.736	2/26/13 0:00	37.953	22.762	34.764	36.154	27.542	30.092	36.719
11/16/12 10:40	38.444	38.326	33.675	2/26/13 1:00	37.941	22.760	34.722	36.157	27.516	30.104	36.731
11/16/12 11:00	38.468	38.352	33.745	2/26/13 2:00	37.918	22.737	34.687	36.147	27.495	30.081	36.703
11/16/12 11:20	38.477	38.364	33.766	2/26/13 3:00	37.916	22.723	34.669	36.126	27.485	30.048	36.670
11/16/12 11:40	38.482	38.364	33.886	2/26/13 4:00	37.904	22.727	34.648	36.124	27.443	30.032	36.665
11/16/12 12:00	38.486	38.371	33.895	2/26/13 5:00	37.904	22.695	34.597	36.112	27.439	29.999	36.616
11/16/12 12:20	38.468	38.352	33.724	2/26/13 6:00	37.892	22.704	34.592	36.112	27.413	29.990	36.611
11/16/12 12:40	38.451	38.336	33.682	2/26/13 7:00	37.895	22.688	34.557	36.101	27.406	29.957	36.579
11/16/12 13:00	38.440	38.324	33.656	2/26/13 8:00	37.911	22.690	34.543	36.103	27.413	29.940	36.565
11/16/12 13:20	38.428	38.315	33.637	2/26/13 9:00	37.930	22.709	34.543	36.115	27.436	29.943	36.562
11/16/12 13:40	38.414	38.301	33.618	2/26/13 10:00	37.957	22.711	34.622	36.131	27.441	29.966	36.583
11/16/12 14:00	38.405	38.289	33.604	2/26/13 11:00	37.930	22.727	34.578	36.154	27.439	29.983	36.602
11/16/12 14:20	38.395	38.280	33.593	2/26/13 12:00	37.964	22.697	34.632	36.131	27.455	29.969	36.611
11/16/12 14:40	38.395	38.279	33.581	2/26/13 13:00	37.962	22.723	34.615	36.159	27.448	30.004	36.647
11/16/12 15:00	38.384	38.268	33.574	2/26/13 14:00	37.944	22.718	34.601	36.154	27.472	29.994	36.637
11/16/12 15:20	38.393	38.272	33.841	2/26/13 15:00	37.930	22.695	34.701	36.140	27.479	30.039	36.677
11/16/12 15:40	38.561	38.387	33.614	2/26/13 16:00	37.925	22.683	34.755	36.126	27.500	30.053	36.710
11/16/12 16:00	38.435	38.364	33.581	2/26/13 17:00	37.948	22.690	34.762	36.124	27.528	30.060	36.714
11/16/12 16:20	38.542	38.392	33.647	2/26/13 18:00	37.969	22.711	34.802	36.143	27.549	30.050	36.703
11/16/12 16:40	38.519	38.410	33.597	2/26/13 19:00	37.995	22.727	34.788	36.164	27.600	30.135	36.759
11/16/12 17:00	38.435	38.329	33.581	2/26/13 20:00	38.020	22.739	34.902	36.185	27.595	30.165	36.780
11/16/12 17:20	38.414	38.301	33.778	2/26/13 21:00	38.034	22.765	34.834	36.206	27.574	30.139	36.770
11/16/12 17:40	38.419	38.303	33.600	2/26/13 22:00	38.046	22.779	34.739	36.217	27.572	30.123	36.745
11/16/12 18:00	38.456	38.345	33.881	2/26/13 23:00	38.051	22.786	34.718	36.227	27.591	30.113	36.724
11/16/12 18:20	38.423	38.308	33.651	2/27/13 0:00	38.051	22.790	34.771	36.229	27.572	30.109	36.721

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/16/12 18:40	38.412	38.296	33.846	2/27/13 1:00	38.044	22.790	34.715	36.229	27.563	30.116	36.731
11/16/12 19:00	38.421	38.310	33.736	2/27/13 2:00	38.032	22.800	34.697	36.224	27.563	30.104	36.719
11/16/12 19:20	38.412	38.301	33.694	2/27/13 3:00	38.037	22.793	34.704	36.215	27.560	30.104	36.724
11/16/12 19:40	38.391	38.277	33.618	2/27/13 4:00	38.041	22.804	34.692	36.220	27.579	30.097	36.712
11/16/12 20:00	38.381	38.263	33.696	2/27/13 5:00	38.041	22.807	34.736	36.222	27.567	30.097	36.710
11/16/12 20:20	38.386	38.270	33.628	2/27/13 6:00	38.044	22.809	34.697	36.222	27.570	30.104	36.710
11/16/12 20:40	38.370	38.254	33.586	2/27/13 7:00	38.055	22.830	34.692	36.224	27.579	30.102	36.705
11/16/12 21:00	38.360	38.247	33.565	2/27/13 8:00	38.060	22.842	34.697	36.234	27.586	30.109	36.707
11/16/12 21:20	38.388	38.273	33.682	2/27/13 9:00	38.081	22.842	34.701	36.236	27.612	30.111	36.712
11/16/12 21:40	38.407	38.291	33.837	2/27/13 10:00	38.097	22.879	34.722	36.255	27.633	30.130	36.733
11/16/12 22:00	38.475	38.364	34.266	2/27/13 11:00	38.111	22.893	34.741	36.269	27.649	30.151	36.749
11/16/12 22:20	38.479	38.371	34.029	2/27/13 12:00	38.114	22.912	34.757	36.278	27.703	30.170	36.770
11/16/12 22:40	38.528	38.427	34.113	2/27/13 13:00	38.121	22.916	34.865	36.283	27.722	30.228	36.836
11/16/12 23:00	38.479	38.373	33.811	2/27/13 14:00	38.109	22.932	34.885	36.287	27.707	30.244	36.859
11/16/12 23:20	38.470	38.359	33.832	2/27/13 15:00	38.097	22.928	34.848	36.278	27.710	30.247	36.862
11/16/12 23:40	38.442	38.331	33.705	2/27/13 16:00	38.088	22.928	34.865	36.269	27.696	30.226	36.845
11/17/12 0:00	38.442	38.331	33.745	2/27/13 17:00	38.088	22.932	34.818	36.264	27.707	30.226	36.838
11/17/12 0:20	38.419	38.308	33.661	2/27/13 18:00	38.083	22.939	34.837	36.264	27.710	30.244	36.845
11/17/12 0:40	38.402	38.289	33.628	2/27/13 19:00	38.088	22.949	34.844	36.262	27.710	30.247	36.850
11/17/12 1:00	38.393	38.277	33.604	2/27/13 20:00	38.093	22.960	34.827	36.264	27.722	30.235	36.834
11/17/12 1:20	38.384	38.268	33.590	2/27/13 21:00	38.083	22.977	34.839	36.266	27.733	30.249	36.843
11/17/12 1:40	38.384	38.263	33.841	2/27/13 22:00	38.079	22.972	34.890	36.259	27.768	30.240	36.841
11/17/12 2:00	38.384	38.270	33.618	2/27/13 23:00	38.067	22.972	35.014	36.257	27.808	30.308	36.904
11/17/12 2:20	38.514	38.394	33.644	2/28/13 0:00	38.060	22.965	35.042	36.250	27.801	30.389	36.997
11/17/12 2:40	38.426	38.319	33.595	2/28/13 1:00	38.060	22.977	35.009	36.245	27.789	30.382	37.004
11/17/12 3:00	38.405	38.291	33.635	2/28/13 2:00	38.053	22.984	34.976	36.245	27.761	30.350	36.962
11/17/12 3:20	38.493	38.338	33.679	2/28/13 3:00	38.053	22.986	34.909	36.238	27.775	30.310	36.918
11/17/12 3:40	38.442	38.368	33.597	2/28/13 4:00	38.055	22.993	34.944	36.238	27.780	30.305	36.913
11/17/12 4:00	38.402	38.305	33.569	2/28/13 5:00	38.046	23.005	34.953	36.241	27.747	30.296	36.892
11/17/12 4:20	38.386	38.289	33.553	2/28/13 6:00	38.055	23.014	34.878	36.234	27.747	30.289	36.878
11/17/12 4:40	38.370	38.256	33.536	2/28/13 7:00	38.058	23.026	34.862	36.238	27.745	30.277	36.859
11/17/12 5:00	38.391	38.329	33.522	2/28/13 8:00	38.062	23.028	34.853	36.241	27.742	30.272	36.848
11/17/12 5:20	38.444	38.305	33.511	2/28/13 9:00	38.065	23.033	34.851	36.243	27.766	30.272	36.845
11/17/12 5:40	38.416	38.347	33.799	2/28/13 10:00	38.069	23.044	34.932	36.245	27.773	30.272	36.852

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/17/12 6:00	38.393	38.301	33.560	2/28/13 11:00	38.067	23.056	34.902	36.250	27.773	30.310	36.887
11/17/12 6:20	38.367	38.256	33.527	2/28/13 12:00	38.074	23.051	34.906	36.250	27.803	30.319	36.901
11/17/12 6:40	38.344	38.233	33.511	2/28/13 13:00	38.072	23.065	34.962	36.255	27.778	30.319	36.915
11/17/12 7:00	38.435	38.326	33.497	2/28/13 14:00	38.053	23.070	34.902	36.252	27.766	30.315	36.908
11/17/12 7:20	38.561	38.492	33.487	2/28/13 15:00	38.037	23.049	34.897	36.236	27.852	30.308	36.906
11/17/12 7:40	38.722	38.801	33.482	2/28/13 16:00	38.018	23.051	35.181	36.222	27.848	30.389	36.981
11/17/12 8:00	38.710	38.815	33.489	2/28/13 17:00	38.011	23.042	35.116	36.208	27.848	30.410	37.037
11/17/12 8:20	38.738	38.763	33.497	2/28/13 18:00	38.011	23.051	35.135	36.206	27.857	30.450	37.058
11/17/12 8:40	38.512	38.408	33.717	2/28/13 19:00	38.018	23.056	35.121	36.206	27.883	30.424	37.025
11/17/12 9:00	38.687	38.682	33.647	2/28/13 20:00	38.027	23.075	35.142	36.213	27.850	30.469	37.060
11/17/12 9:20	38.610	38.693	33.565	2/28/13 21:00	38.034	23.075	35.051	36.220	27.827	30.434	37.016
11/17/12 9:40	38.696	38.651	33.548	2/28/13 22:00	38.027	23.075	34.995	36.224	27.799	30.394	36.962
11/17/12 10:00	38.836	38.953	33.543	2/28/13 23:00	38.034	23.077	34.939	36.217	27.789	30.345	36.920
11/17/12 10:20	38.855	38.908	33.550	3/1/13 0:00	38.020	23.086	34.918	36.224	27.771	30.331	36.894
11/17/12 10:40	38.948	39.112	33.555	3/1/13 1:00	38.011	23.075	34.906	36.210	27.780	30.317	36.890
11/17/12 11:00	38.999	39.121	33.560	3/1/13 2:00	38.020	23.077	34.932	36.206	27.775	30.329	36.901
11/17/12 11:20	39.002	39.156	33.567	3/1/13 3:00	38.030	23.091	34.911	36.213	27.766	30.322	36.901
11/17/12 11:40	39.055	39.144	33.576	3/1/13 4:00	38.025	23.089	34.888	36.217	27.766	30.305	36.878
11/17/12 12:00	39.023	39.233	33.588	3/1/13 5:00	38.018	23.089	34.925	36.213	27.747	30.289	36.862
11/17/12 12:20	39.027	39.027	33.787	3/1/13 6:00	38.023	23.091	34.867	36.208	27.743	30.284	36.859
11/17/12 12:40	39.090	39.233	33.996	3/1/13 7:00	38.032	23.091	34.853	36.210	27.743	30.272	36.845
11/17/12 13:00	39.064	39.203	33.705	3/1/13 8:00	38.039	23.103	34.851	36.222	27.750	30.268	36.838
11/17/12 13:20	39.097	39.259	33.656	3/1/13 9:00	38.060	23.119	34.853	36.227	27.759	30.272	36.838
11/17/12 13:40	39.034	39.126	33.628	3/1/13 10:00	38.069	23.140	34.858	36.243	27.766	30.279	36.850
11/17/12 14:00	38.962	39.025	33.825	3/1/13 11:00	38.069	23.140	34.865	36.250	27.771	30.289	36.857
11/17/12 14:20	39.071	39.212	33.684	3/1/13 12:00	38.067	23.142	34.872	36.250	27.768	30.291	36.869
11/17/12 14:40	39.013	39.102	33.640	3/1/13 13:00	38.067	23.138	34.869	36.250	27.771	30.291	36.876
11/17/12 15:00	39.097	39.226	33.710	3/1/13 14:00	38.053	23.147	34.874	36.250	27.771	30.293	36.883
11/17/12 15:20	39.093	39.250	33.640	3/1/13 15:00	38.032	23.128	34.897	36.236	27.747	30.305	36.892
11/17/12 15:40	39.053	39.184	33.616	3/1/13 16:00	38.027	23.119	34.865	36.217	27.743	30.277	36.885
11/17/12 16:00	39.041	39.128	33.602	3/1/13 17:00	38.030	23.131	34.858	36.215	27.810	30.268	36.876
11/17/12 16:20	38.929	38.983	33.665	3/1/13 18:00	38.032	23.135	35.067	36.217	27.920	30.312	36.913
11/17/12 16:40	38.836	38.901	33.621	3/1/13 19:00	38.048	23.138	35.309	36.222	27.920	30.483	37.084
11/17/12 17:00	38.915	38.990	33.604	3/1/13 20:00	38.060	23.154	35.230	36.236	27.918	30.471	37.105

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/17/12 17:20	38.960	39.055	33.776	3/1/13 21:00	38.067	23.170	35.158	36.248	27.880	30.509	37.107
11/17/12 17:40	38.981	39.102	33.637	3/1/13 22:00	38.074	23.175	35.053	36.255	27.885	30.443	37.035
11/17/12 18:00	38.656	38.581	33.684	3/1/13 23:00	38.083	23.184	35.049	36.259	27.887	30.441	37.011
11/17/12 18:20	38.594	38.506	33.881	3/2/13 0:00	38.069	23.193	35.044	36.266	27.864	30.445	37.004
11/17/12 18:40	38.531	38.432	33.642	3/2/13 1:00	38.076	23.180	35.014	36.252	27.873	30.420	36.983
11/17/12 19:00	38.533	38.469	33.930	3/2/13 2:00	38.060	23.191	35.058	36.259	27.845	30.389	36.960
11/17/12 19:20	38.535	38.481	33.759	3/2/13 3:00	38.062	23.189	34.972	36.248	27.841	30.380	36.958
11/17/12 19:40	38.514	38.413	33.773	3/2/13 4:00	38.051	23.194	34.967	36.248	27.831	30.380	36.951
11/17/12 20:00	38.472	38.371	33.644	3/2/13 5:00	38.037	23.191	34.958	36.238	27.808	30.373	36.946
11/17/12 20:20	38.482	38.380	33.715	3/2/13 6:00	38.046	23.184	34.927	36.224	27.803	30.343	36.920
11/17/12 20:40	38.645	38.579	33.604	3/2/13 7:00	38.032	23.194	34.913	36.234	27.787	30.336	36.904
11/17/12 21:00	38.719	38.775	33.569	3/2/13 8:00	38.025	23.184	34.892	36.222	27.773	30.317	36.890
11/17/12 21:20	38.659	38.635	33.808	3/2/13 9:00	38.004	23.191	34.881	36.215	27.754	30.300	36.876
11/17/12 21:40	38.822	38.894	33.766	3/2/13 10:00	38.006	23.177	34.862	36.196	27.747	30.279	36.862
11/17/12 22:00	38.850	38.850	33.626	3/2/13 11:00	38.004	23.173	34.855	36.199	27.738	30.275	36.857
11/17/12 22:20	38.883	38.962	33.595	3/2/13 12:00	37.995	23.175	34.848	36.199	27.729	30.265	36.857
11/17/12 22:40	38.855	38.904	33.588	3/2/13 13:00	37.978	23.175	34.837	36.189	27.824	30.256	36.855
11/17/12 23:00	38.766	38.847	33.579	3/2/13 14:00	37.953	23.149	35.177	36.175	27.829	30.361	36.962
11/17/12 23:20	38.801	38.831	33.651	3/2/13 15:00	37.932	23.121	35.172	36.154	27.764	30.422	37.046
11/17/12 23:40	38.871	38.962	33.609	3/2/13 16:00	37.909	23.119	34.990	36.138	27.693	30.352	36.986
11/18/12 0:00	38.911	38.960	33.593	3/2/13 17:00	37.899	23.091	34.869	36.119	27.654	30.261	36.892
11/18/12 0:20	38.866	38.920	33.586	3/2/13 18:00	37.892	23.077	34.809	36.110	27.630	30.214	36.829
11/18/12 0:40	38.831	38.915	33.579	3/2/13 19:00	37.892	23.077	34.809	36.103	27.712	30.177	36.787
11/18/12 1:00	38.913	38.988	33.574	3/2/13 20:00	37.906	23.072	34.990	36.103	27.691	30.279	36.885
11/18/12 1:20	38.948	39.020	34.142	3/2/13 21:00	37.904	23.075	34.932	36.115	27.644	30.277	36.885
11/18/12 1:40	38.953	39.025	33.869	3/2/13 22:00	37.883	23.056	34.827	36.112	27.600	30.223	36.834
11/18/12 2:00	38.946	38.962	33.949	3/2/13 23:00	37.885	23.040	34.755	36.091	27.577	30.158	36.768
11/18/12 2:20	38.904	38.915	33.959	3/3/13 0:00	37.888	23.033	34.718	36.094	27.556	30.128	36.728
11/18/12 2:40	38.824	38.819	33.719	3/3/13 1:00	37.867	23.030	34.692	36.094	27.551	30.102	36.705
11/18/12 3:00	38.736	38.749	33.661	3/3/13 2:00	37.862	23.007	34.725	36.075	27.521	30.111	36.712
11/18/12 3:20	38.552	38.446	33.630	3/3/13 3:00	37.860	22.991	34.676	36.073	27.493	30.078	36.703
11/18/12 3:40	38.479	38.371	33.600	3/3/13 4:00	37.832	22.982	34.639	36.068	27.443	30.043	36.665
11/18/12 4:00	38.477	38.392	33.729	3/3/13 5:00	37.801	22.942	34.590	36.042	27.401	29.999	36.630
11/18/12 4:20	38.428	38.317	33.597	3/3/13 6:00	37.797	22.919	34.548	36.014	27.378	29.955	36.597

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/18/12 4:40	38.514	38.373	33.558	3/3/13 7:00	37.797	22.909	34.520	36.014	27.359	29.929	36.569
11/18/12 5:00	38.430	38.303	33.534	3/3/13 8:00	37.799	22.905	34.503	36.014	27.345	29.905	36.548
11/18/12 5:20	38.365	38.252	33.513	3/3/13 9:00	37.811	22.902	34.485	36.014	27.334	29.887	36.530
11/18/12 5:40	38.339	38.226	33.497	3/3/13 10:00	37.815	22.888	34.473	36.024	27.334	29.873	36.518
11/18/12 6:00	38.323	38.209	33.482	3/3/13 11:00	37.806	22.872	34.492	36.028	27.303	29.889	36.530
11/18/12 6:20	38.311	38.198	33.471	3/3/13 12:00	37.801	22.846	34.452	36.019	27.282	29.852	36.516
11/18/12 6:40	38.300	38.184	33.461	3/3/13 13:00	37.794	22.835	34.434	36.014	27.271	29.831	36.499
11/18/12 7:00	38.286	38.172	33.447	3/3/13 14:00	37.783	22.811	34.436	36.007	27.245	29.828	36.502
11/18/12 7:20	38.276	38.163	33.438	3/3/13 15:00	37.741	22.781	34.417	35.996	27.203	29.810	36.492
11/18/12 7:40	38.272	38.156	33.431	3/3/13 16:00	37.739	22.737	34.382	35.963	27.186	29.765	36.471
11/18/12 8:00	38.265	38.151	33.424	3/3/13 17:00	37.748	22.730	34.368	35.958	27.219	29.744	36.455
11/18/12 8:20	38.260	38.144	33.417	3/3/13 18:00	37.757	22.711	34.464	35.968	27.189	29.817	36.492
11/18/12 8:40	38.302	38.191	33.607	3/3/13 19:00	37.790	22.723	34.375	35.975	27.278	29.742	36.455
11/18/12 9:00	38.281	38.167	33.482	3/3/13 20:00	37.783	22.716	34.601	36.003	27.303	29.842	36.520
11/18/12 9:20	38.274	38.158	33.618	3/3/13 21:00	37.797	22.693	34.657	35.996	27.271	29.891	36.609
11/18/12 9:40	38.288	38.179	33.475	3/3/13 22:00	37.794	22.683	34.576	36.007	27.228	29.833	36.553
11/18/12 10:00	38.281	38.165	33.440	3/3/13 23:00	37.792	22.679	34.464	36.003	27.231	29.819	36.527
11/18/12 10:20	38.451	38.417	33.419	3/4/13 0:00	37.808	22.653	34.499	36.003	27.205	29.791	36.487
11/18/12 10:40	38.703	38.808	33.414	3/4/13 1:00	37.815	22.655	34.413	36.017	27.177	29.782	36.471
11/18/12 11:00	38.703	38.815	33.431	3/4/13 2:00	37.822	22.646	34.364	36.019	27.186	29.742	36.424
11/18/12 11:20	38.673	38.686	33.443	3/4/13 3:00	37.836	22.639	34.394	36.026	27.163	29.716	36.408
11/18/12 11:40	38.458	38.392	33.445	3/4/13 4:00	37.855	22.637	34.338	36.035	27.165	29.718	36.399
11/18/12 12:00	38.596	38.714	33.443	3/4/13 5:00	37.855	22.637	34.329	36.052	27.154	29.716	36.392
11/18/12 12:20	38.696	38.733	33.447	3/4/13 6:00	37.874	22.625	34.315	36.052	27.163	29.702	36.382
11/18/12 12:40	38.712	38.768	33.445	3/4/13 7:00	37.892	22.634	34.319	36.066	27.161	29.700	36.382
11/18/12 13:00	38.780	38.817	33.443	3/4/13 8:00	37.911	22.630	34.319	36.084	27.182	29.709	36.385
11/18/12 13:20	38.782	38.885	33.440	3/4/13 9:00	37.950	22.648	34.331	36.098	27.231	29.716	36.394
11/18/12 13:40	38.880	38.983	33.442	3/4/13 10:00	37.999	22.676	34.420	36.133	27.261	29.742	36.417
11/18/12 14:00	38.808	38.920	33.445	3/4/13 11:00	38.020	22.709	34.403	36.173	27.278	29.793	36.457
11/18/12 14:20	38.911	39.006	33.555	3/4/13 12:00	38.030	22.709	34.417	36.192	27.301	29.810	36.471
11/18/12 14:40	38.820	38.901	33.487	3/4/13 13:00	38.032	22.721	34.452	36.199	27.308	29.840	36.509
11/18/12 15:00	38.873	38.976	33.471	3/4/13 14:00	38.016	22.707	34.494	36.201	27.313	29.840	36.516
11/18/12 15:20	38.782	38.885	33.461	3/4/13 15:00	37.992	22.688	34.482	36.187	27.329	29.866	36.548
11/18/12 15:40	38.834	38.906	33.457	3/4/13 16:00	38.002	22.669	34.545	36.185	27.359	29.875	36.614

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/18/12 16:00	38.873	38.946	33.639	3/4/13 17:00	38.062	22.697	34.571	36.206	27.418	29.905	36.675
11/18/12 16:20	38.768	38.805	34.085	3/4/13 18:00	38.081	22.751	34.618	36.257	27.507	29.959	36.714
11/18/12 16:40	38.862	38.939	34.099	3/4/13 19:00	38.121	22.763	34.811	36.273	27.621	29.994	36.763
11/18/12 17:00	38.782	38.719	33.935	3/4/13 20:00	38.167	22.802	35.039	36.299	27.687	30.142	36.848
11/18/12 17:20	38.955	39.046	33.865	3/4/13 21:00	38.218	22.846	35.009	36.367	27.754	30.261	37.021
11/18/12 17:40	38.778	38.875	33.844	3/4/13 22:00	38.214	22.895	35.081	36.402	27.752	30.324	37.049
11/18/12 18:00	38.652	38.544	33.984	3/4/13 23:00	38.221	22.888	35.023	36.390	27.729	30.326	37.025
11/18/12 18:20	38.528	38.422	33.834	3/5/13 0:00	38.218	22.886	34.927	36.390	27.747	30.303	36.958
11/18/12 18:40	38.712	38.742	33.708	3/5/13 1:00	38.223	22.905	34.953	36.404	27.773	30.303	36.955
11/18/12 19:00	38.563	38.541	33.689	3/5/13 2:00	38.239	22.921	34.979	36.425	27.808	30.322	37.016
11/18/12 19:20	38.678	38.665	33.593	3/5/13 3:00	38.246	22.954	35.007	36.441	27.824	30.357	37.065
11/18/12 19:40	38.486	38.343	33.550	3/5/13 4:00	38.230	22.958	35.014	36.444	27.834	30.378	37.068
11/18/12 20:00	38.451	38.373	33.520	3/5/13 5:00	38.211	22.958	35.028	36.434	27.836	30.385	37.079
11/18/12 20:20	38.391	38.305	33.499	3/5/13 6:00	38.204	22.958	35.018	36.409	27.829	30.387	37.089
11/18/12 20:40	38.349	38.242	33.478	3/5/13 7:00	38.207	22.968	34.986	36.392	27.836	30.378	37.025
11/18/12 21:00	38.330	38.233	33.459	3/5/13 8:00	38.211	22.993	34.974	36.388	27.841	30.371	36.990
11/18/12 21:20	38.482	38.450	33.504	3/5/13 9:00	38.207	22.998	34.969	36.395	27.864	30.378	36.974
11/18/12 21:40	38.621	38.621	33.461	3/5/13 10:00	38.221	23.017	35.011	36.406	27.890	30.387	37.011
11/18/12 22:00	38.661	38.654	33.450	3/5/13 11:00	38.211	23.040	35.021	36.404	27.878	30.422	37.046
11/18/12 22:20	38.612	38.560	33.513	3/5/13 12:00	38.188	23.035	35.002	36.392	27.871	30.417	37.004
11/18/12 22:40	38.435	38.296	33.473	3/5/13 13:00	38.176	23.040	34.986	36.369	27.955	30.401	36.986
11/18/12 23:00	38.360	38.249	33.457	3/5/13 14:00	38.165	23.038	35.233	36.360	27.974	30.445	37.035
11/18/12 23:20	38.325	38.207	33.443	3/5/13 15:00	38.139	23.044	35.261	36.350	27.925	30.548	37.131
11/18/12 23:40	38.304	38.186	33.431	3/5/13 16:00	38.116	23.033	35.114	36.327	27.902	30.506	37.107
11/19/12 0:00	38.288	38.170	33.421	3/5/13 17:00	38.109	23.049	35.070	36.306	27.941	30.462	37.053
11/19/12 0:20	38.281	38.163	33.558	3/5/13 18:00	38.088	23.049	35.205	36.301	27.953	30.497	37.077
11/19/12 0:40	38.286	38.172	33.457	3/5/13 19:00	38.093	23.045	35.207	36.285	27.969	30.513	37.112
11/19/12 1:00	38.274	38.158	33.426	3/5/13 20:00	38.102	23.058	35.240	36.290	27.953	30.537	37.121
11/19/12 1:20	38.267	38.149	33.412	3/5/13 21:00	38.107	23.084	35.146	36.297	27.930	30.525	37.107
11/19/12 1:40	38.258	38.139	33.400	3/5/13 22:00	38.121	23.093	35.077	36.301	27.923	30.473	37.051
11/19/12 2:00	38.251	38.132	33.393	3/5/13 23:00	38.114	23.105	35.051	36.311	27.923	30.464	37.025
11/19/12 2:20	38.246	38.128	33.386	3/6/13 0:00	38.116	23.117	35.053	36.304	27.906	30.466	37.018
11/19/12 2:40	38.241	38.123	33.382	3/6/13 1:00	38.118	23.121	35.025	36.304	27.909	30.445	36.995
11/19/12 3:00	38.241	38.125	33.379	3/6/13 2:00	38.107	23.135	35.016	36.306	27.897	30.436	36.981

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/19/12 3:20	38.258	38.142	33.473	3/6/13 3:00	38.121	23.128	34.997	36.294	27.902	30.424	36.969
11/19/12 3:40	38.253	38.135	33.410	3/6/13 4:00	38.095	23.156	35.000	36.308	27.873	30.429	36.967
11/19/12 4:00	38.251	38.132	33.398	3/6/13 5:00	38.081	23.128	34.972	36.285	27.857	30.406	36.955
11/19/12 4:20	38.251	38.132	33.396	3/6/13 6:00	38.074	23.135	34.962	36.273	27.848	30.389	36.944
11/19/12 4:40	38.251	38.132	33.396	3/6/13 7:00	38.060	23.140	34.948	36.266	27.843	30.378	36.939
11/19/12 5:00	38.248	38.128	33.391	3/6/13 8:00	38.060	23.149	34.941	36.255	27.836	30.364	36.932
11/19/12 5:20	38.248	38.128	33.386	3/6/13 9:00	38.069	23.152	34.937	36.255	27.841	30.361	36.930
11/19/12 5:40	38.251	38.132	33.389	3/6/13 10:00	38.072	23.166	34.939	36.262	27.855	30.361	36.930
11/19/12 6:00	38.248	38.132	33.389	3/6/13 11:00	38.060	23.177	34.967	36.264	27.829	30.387	36.948
11/19/12 6:20	38.246	38.128	33.386	3/6/13 12:00	38.041	23.163	34.934	36.252	27.808	30.357	36.934
11/19/12 6:40	38.246	38.128	33.384	3/6/13 13:00	38.011	23.154	34.913	36.238	27.787	30.340	36.920
11/19/12 7:00	38.246	38.125	33.379	3/6/13 14:00	37.967	23.140	34.911	36.213	27.729	30.331	36.920
11/19/12 7:20	38.248	38.125	33.379	3/6/13 15:00	37.916	23.100	34.851	36.173	27.680	30.277	36.878
11/19/12 7:40	38.253	38.132	33.382	3/6/13 16:00	37.881	23.072	34.806	36.131	27.651	30.223	36.836
11/19/12 8:00	38.258	38.137	33.384	3/6/13 17:00	37.871	23.056	34.795	36.101	27.616	30.202	36.822
11/19/12 8:20	38.260	38.139	33.386	3/6/13 18:00	37.874	23.038	34.750	36.094	27.649	30.165	36.789
11/19/12 8:40	38.260	38.139	33.389	3/6/13 19:00	37.867	23.045	34.837	36.094	27.703	30.212	36.827
11/19/12 9:00	38.260	38.139	33.391	3/6/13 20:00	37.878	23.047	35.028	36.089	27.740	30.272	36.894
11/19/12 9:20	38.279	38.160	33.445	3/6/13 21:00	37.881	23.049	35.088	36.101	27.736	30.324	36.969
11/19/12 9:40	38.283	38.163	33.429	3/6/13 22:00	37.885	23.042	35.044	36.101	27.687	30.326	36.969
11/19/12 10:00	38.286	38.165	33.429	3/6/13 23:00	37.897	23.038	34.916	36.105	27.665	30.282	36.913
11/19/12 10:20	38.283	38.165	33.429	3/7/13 0:00	37.904	23.045	34.860	36.112	27.637	30.240	36.855
11/19/12 10:40	38.288	38.167	33.429	3/7/13 1:00	37.911	23.047	34.804	36.117	27.612	30.198	36.808
11/19/12 11:00	38.293	38.172	33.431	3/7/13 2:00	37.895	23.038	34.757	36.122	27.579	30.163	36.763
11/19/12 11:20	38.288	38.167	33.429	3/7/13 3:00	37.904	23.019	34.718	36.105	27.560	30.123	36.724
11/19/12 11:40	38.307	38.184	33.644	3/7/13 4:00	37.899	23.014	34.690	36.112	27.535	30.104	36.703
11/19/12 12:00	38.309	38.188	33.473	3/7/13 5:00	37.888	23.005	34.664	36.108	27.511	30.078	36.682
11/19/12 12:20	38.304	38.181	33.452	3/7/13 6:00	37.885	22.986	34.641	36.096	27.495	30.053	36.663
11/19/12 12:40	38.300	38.177	33.440	3/7/13 7:00	37.892	22.977	34.625	36.098	27.483	30.034	36.651
11/19/12 13:00	38.309	38.188	33.682	3/7/13 8:00	37.904	22.977	34.613	36.094	27.486	30.025	36.642
11/19/12 13:20	38.367	38.249	33.945	3/7/13 9:00	37.939	22.982	34.613	36.096	27.504	30.020	36.642
11/19/12 13:40	38.353	38.240	33.581	3/7/13 10:00	37.953	23.000	34.627	36.117	27.509	30.032	36.649
11/19/12 14:00	38.374	38.273	33.513	3/7/13 11:00	37.955	23.005	34.632	36.154	27.507	30.039	36.658
11/19/12 14:20	38.353	38.258	33.482	3/7/13 12:00	37.941	22.991	34.636	36.210	27.483	30.046	36.670

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/19/12 14:40	38.323	38.207	33.464	3/7/13 13:00	37.930	22.970	34.615	36.140	27.479	30.022	36.658
11/19/12 15:00	38.330	38.214	33.604	3/7/13 14:00	37.923	22.961	34.625	36.131	27.467	30.025	36.661
11/19/12 15:20	38.330	38.214	33.525	3/7/13 15:00	37.904	22.942	34.667	36.122	27.595	29.999	36.644
11/19/12 15:40	38.512	38.469	33.478	3/7/13 16:00	37.904	22.926	35.007	36.110	27.614	30.156	36.792
11/19/12 16:00	38.456	38.396	33.616	3/7/13 17:00	37.897	22.933	34.995	36.112	27.579	30.188	36.869
11/19/12 16:20	38.419	38.345	33.504	3/7/13 18:00	37.902	22.919	34.909	36.108	27.619	30.200	36.873
11/19/12 16:40	38.412	38.296	34.057	3/7/13 19:00	37.927	22.916	35.002	36.110	27.609	30.181	36.852
11/19/12 17:00	38.440	38.333	33.869	3/7/13 20:00	37.939	22.930	34.913	36.133	27.570	30.202	36.866
11/19/12 17:20	38.405	38.291	33.881	3/7/13 21:00	37.960	22.928	34.797	36.140	27.572	30.156	36.799
11/19/12 17:40	38.412	38.301	33.696	3/7/13 22:00	37.978	22.937	34.774	36.159	27.556	30.149	36.780
11/19/12 18:00	38.405	38.289	33.823	3/7/13 23:00	37.990	22.944	34.725	36.173	27.549	30.113	36.733
11/19/12 18:20	38.379	38.265	33.600	3/8/13 0:00	37.990	22.944	34.699	36.182	27.535	30.097	36.710
11/19/12 18:40	38.365	38.247	33.550	3/8/13 1:00	37.990	22.947	34.680	36.182	27.523	30.083	36.693
11/19/12 19:00	38.358	38.237	33.769	3/8/13 2:00	37.981	22.928	34.662	36.180	27.511	30.067	36.677
11/19/12 19:20	38.363	38.247	33.567	3/8/13 3:00	37.995	22.926	34.646	36.173	27.509	30.048	36.661
11/19/12 19:40	38.374	38.254	33.532	3/8/13 4:00	37.969	22.926	34.641	36.185	27.486	30.050	36.656
11/19/12 20:00	38.379	38.261	33.518	3/8/13 5:00	37.960	22.898	34.615	36.164	27.469	30.027	36.640
11/19/12 20:20	38.402	38.282	33.963	3/8/13 6:00	37.962	22.893	34.601	36.152	27.464	30.006	36.628
11/19/12 20:40	38.465	38.352	34.125	3/8/13 7:00	37.960	22.891	34.597	36.157	27.455	30.001	36.623
11/19/12 21:00	38.507	38.401	34.017	3/8/13 8:00	37.960	22.874	34.587	36.154	27.455	29.994	36.621
11/19/12 21:20	38.510	38.403	34.001	3/8/13 9:00	37.971	22.884	34.585	36.154	27.455	29.987	36.623
11/19/12 21:40	38.510	38.406	33.933	3/8/13 10:00	37.985	22.877	34.587	36.164	27.486	29.994	36.630
11/19/12 22:00	38.468	38.357	33.740	3/8/13 11:00	37.988	22.898	34.643	36.175	27.474	29.999	36.640
11/19/12 22:20	38.472	38.357	33.975	3/8/13 12:00	37.969	22.886	34.611	36.178	27.448	30.011	36.647
11/19/12 22:40	38.470	38.359	33.839	3/8/13 13:00	37.950	22.865	34.587	36.159	27.432	29.992	36.637
11/19/12 23:00	38.444	38.331	33.684	3/8/13 14:00	37.923	22.847	34.573	36.145	27.427	29.973	36.623
11/19/12 23:20	38.423	38.310	33.635	3/8/13 15:00	37.890	22.826	34.606	36.122	27.378	29.990	36.635
11/19/12 23:40	38.435	38.324	33.694	3/8/13 16:00	37.862	22.786	34.548	36.094	27.348	29.943	36.609
11/20/12 0:00	38.416	38.301	33.628	3/8/13 17:00	37.862	22.770	34.508	36.070	27.334	29.894	36.569
11/20/12 0:20	38.402	38.286	33.600	3/8/13 18:00	37.864	22.760	34.494	36.070	27.336	29.884	36.560
11/20/12 0:40	38.393	38.277	33.581	3/8/13 19:00	37.881	22.774	34.489	36.075	27.387	29.875	36.553
11/20/12 1:00	38.388	38.268	33.569	3/8/13 20:00	37.876	22.777	34.646	36.087	27.457	29.922	36.586
11/20/12 1:20	38.402	38.289	33.668	3/8/13 21:00	37.888	22.753	34.781	36.084	27.479	30.050	36.735
11/20/12 1:40	38.391	38.275	33.593	3/8/13 22:00	37.895	22.756	34.795	36.096	27.434	30.095	36.792

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/20/12 2:00	38.384	38.266	33.572	3/8/13 23:00	37.883	22.749	34.674	36.103	27.418	30.027	36.721
11/20/12 2:20	38.374	38.256	33.555	3/9/13 0:00	37.885	22.732	34.701	36.091	27.387	29.971	36.665
11/20/12 2:40	38.370	38.251	33.546	3/9/13 1:00	37.904	22.723	34.597	36.094	27.366	29.969	36.642
11/20/12 3:00	38.367	38.249	33.541	3/9/13 2:00	37.857	22.721	34.545	36.108	27.310	29.936	36.588
11/20/12 3:20	38.367	38.252	33.539	3/9/13 3:00	37.825	22.679	34.482	36.066	27.273	29.873	36.537
11/20/12 3:40	38.367	38.249	33.536	3/9/13 4:00	37.808	22.641	34.450	36.038	27.228	29.835	36.499
11/20/12 4:00	38.365	38.247	33.534	3/9/13 5:00	37.813	22.630	34.401	36.024	27.214	29.793	36.459
11/20/12 4:20	38.363	38.242	33.532	3/9/13 6:00	37.794	22.616	34.378	36.026	27.177	29.770	36.431
11/20/12 4:40	38.360	38.245	33.529	3/9/13 7:00	37.753	22.581	34.343	36.010	27.137	29.739	36.408
11/20/12 5:00	38.360	38.240	33.527	3/9/13 8:00	37.780	22.553	34.305	35.977	27.147	29.686	36.378
11/20/12 5:20	38.379	38.261	33.654	3/9/13 9:00	37.792	22.576	34.308	36.000	27.130	29.688	36.368
11/20/12 5:40	38.372	38.251	33.560	3/9/13 10:00	37.822	22.560	34.294	36.007	27.147	29.679	36.364
11/20/12 6:00	38.370	38.251	33.546	3/9/13 11:00	37.836	22.574	34.305	36.033	27.149	29.686	36.368
11/20/12 6:20	38.367	38.249	33.539	3/9/13 12:00	37.813	22.565	34.305	36.042	27.107	29.688	36.373
11/20/12 6:40	38.367	38.249	33.539	3/9/13 13:00	37.811	22.523	34.271	36.021	27.119	29.662	36.361
11/20/12 7:00	38.367	38.249	33.534	3/9/13 14:00	37.811	22.504	34.326	36.021	27.144	29.658	36.366
11/20/12 7:20	38.370	38.249	33.536	3/9/13 15:00	37.773	22.497	34.389	36.021	27.191	29.749	36.443
11/20/12 7:40	38.377	38.254	33.536	3/9/13 16:00	37.773	22.453	34.578	35.989	27.226	29.753	36.480
11/20/12 8:00	38.379	38.258	33.536	3/9/13 17:00	37.787	22.455	34.620	35.991	27.186	29.821	36.548
11/20/12 8:20	38.377	38.258	33.536	3/9/13 18:00	37.799	22.448	34.515	36.000	27.186	29.782	36.513
11/20/12 8:40	38.374	38.254	33.536	3/9/13 19:00	37.811	22.453	34.538	36.028	27.177	29.786	36.525
11/20/12 9:00	38.377	38.256	33.539	3/9/13 20:00	37.890	22.446	34.464	36.038	27.231	29.779	36.539
11/20/12 9:20	38.374	38.256	33.541	3/9/13 21:00	37.955	22.520	34.480	36.117	27.259	29.798	36.541
11/20/12 9:40	38.377	38.256	33.541	3/9/13 22:00	37.990	22.565	34.469	36.157	27.287	29.826	36.537
11/20/12 10:00	38.372	38.254	33.541	3/9/13 23:00	38.020	22.597	34.469	36.180	27.299	29.828	36.516
11/20/12 10:20	38.388	38.270	33.675	3/10/13 0:00	38.025	22.599	34.466	36.203	27.289	29.845	36.511
11/20/12 10:40	38.381	38.263	33.569	3/10/13 1:00	38.039	22.579	34.452	36.206	27.308	29.838	36.504
11/20/12 11:00	38.377	38.258	33.553	3/10/13 2:00	38.051	22.595	34.462	36.215	27.324	29.852	36.506
11/20/12 11:20	38.377	38.256	33.546	3/10/13 3:00	38.081	22.606	34.471	36.227	27.357	29.856	36.511
11/20/12 11:40	38.449	38.336	34.001	3/10/13 4:00	38.081	22.639	34.494	36.248	27.362	29.880	36.525
11/20/12 12:00	38.507	38.396	34.125	3/10/13 5:00	38.083	22.637	34.499	36.248	27.366	29.884	36.530
11/20/12 12:20	38.512	38.406	33.912	3/10/13 6:00	38.107	22.634	34.499	36.250	27.394	29.894	36.532
11/20/12 12:40	38.465	38.357	33.743	3/10/13 7:00	38.123	22.665	34.524	36.271	27.415	29.919	36.553
11/20/12 13:00	38.437	38.326	33.670	3/10/13 8:00	38.144	22.676	34.543	36.283	27.446	29.938	36.572

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/20/12 13:20	38.449	38.336	34.015	3/10/13 9:00	38.160	22.711	34.566	36.299	27.469	29.966	36.593
11/20/12 13:40	38.493	38.382	34.144	3/10/13 10:00	38.160	22.723	34.590	36.313	27.488	29.990	36.616
11/20/12 14:00	38.516	38.408	34.186	3/10/13 11:00	38.146	22.725	34.608	36.315	27.490	30.008	36.637
11/20/12 14:20	38.484	38.378	33.820	3/10/13 12:00	38.162	22.714	34.618	36.304	27.521	30.020	36.651
11/20/12 14:40	38.449	38.340	33.708	3/10/13 13:00	38.160	22.746	34.643	36.318	27.535	30.041	36.677
11/20/12 15:00	38.435	38.319	33.881	3/10/13 14:00	38.144	22.749	34.657	36.318	27.530	30.060	36.691
11/20/12 15:20	38.451	38.345	33.792	3/10/13 15:00	38.114	22.737	34.657	36.301	27.514	30.060	36.698
11/20/12 15:40	38.419	38.308	33.658	3/10/13 16:00	38.104	22.728	34.643	36.278	27.523	30.046	36.686
11/20/12 16:00	38.419	38.308	33.689	3/10/13 17:00	38.107	22.744	34.648	36.273	27.530	30.046	36.691
11/20/12 16:20	38.412	38.301	33.686	3/10/13 18:00	38.095	22.749	34.655	36.276	27.560	30.055	36.686
11/20/12 16:40	38.405	38.294	33.701	3/10/13 19:00	38.093	22.746	34.741	36.269	27.656	30.106	36.731
11/20/12 17:00	38.433	38.317	34.120	3/10/13 20:00	38.095	22.763	34.955	36.266	27.649	30.186	36.827
11/20/12 17:20	38.461	38.350	34.102	3/10/13 21:00	38.104	22.779	34.865	36.271	27.642	30.221	36.885
11/20/12 17:40	38.521	38.413	34.435	3/10/13 22:00	38.109	22.788	34.827	36.276	27.642	30.195	36.841
11/20/12 18:00	38.537	38.436	34.172	3/10/13 23:00	38.102	22.802	34.804	36.283	27.628	30.186	36.827
11/20/12 18:20	38.530	38.427	34.130	3/11/13 0:00	38.083	22.795	34.776	36.276	27.630	30.170	36.806
11/20/12 18:40	38.531	38.429	34.076	3/11/13 1:00	38.060	22.788	34.806	36.262	27.598	30.153	36.792
11/20/12 19:00	38.530	38.424	34.097	3/11/13 2:00	38.037	22.777	34.746	36.243	27.577	30.144	36.780
11/20/12 19:20	38.498	38.389	33.811	3/11/13 3:00	38.044	22.772	34.718	36.224	27.577	30.116	36.754
11/20/12 19:40	38.477	38.361	33.963	3/11/13 4:00	38.020	22.784	34.708	36.229	27.565	30.113	36.740
11/20/12 20:00	38.456	38.347	33.722	3/11/13 5:00	38.009	22.772	34.711	36.210	27.546	30.113	36.733
11/20/12 20:20	38.428	38.317	33.663	3/11/13 6:00	38.002	22.770	34.680	36.199	27.532	30.085	36.712
11/20/12 20:40	38.426	38.312	33.694	3/11/13 7:00	38.011	22.760	34.662	36.192	27.537	30.071	36.693
11/20/12 21:00	38.402	38.291	33.635	3/11/13 8:00	38.013	22.784	34.664	36.201	27.539	30.071	36.689
11/20/12 21:20	38.386	38.273	33.607	3/11/13 9:00	38.023	22.791	34.667	36.203	27.551	30.071	36.693
11/20/12 21:40	38.370	38.256	33.583	3/11/13 10:00	38.025	22.802	34.674	36.210	27.551	30.076	36.703
11/20/12 22:00	38.360	38.245	33.567	3/11/13 11:00	38.025	22.800	34.678	36.213	27.556	30.081	36.710
11/20/12 22:20	38.349	38.235	33.553	3/11/13 12:00	38.011	22.800	34.699	36.210	27.549	30.099	36.731
11/20/12 22:40	38.363	38.247	33.602	3/11/13 13:00	38.004	22.798	34.692	36.201	27.551	30.092	36.733
11/20/12 23:00	38.346	38.230	33.558	3/11/13 14:00	37.969	22.784	34.715	36.194	27.535	30.078	36.724
11/20/12 23:20	38.339	38.224	33.541	3/11/13 15:00	37.939	22.756	34.746	36.164	27.532	30.102	36.742
11/20/12 23:40	38.330	38.214	33.527	3/11/13 16:00	37.932	22.732	34.767	36.140	27.500	30.106	36.766
11/21/12 0:00	38.346	38.228	33.607	3/11/13 17:00	37.923	22.735	34.674	36.133	27.493	30.057	36.719
11/21/12 0:20	38.335	38.219	33.541	3/11/13 18:00	37.923	22.718	34.711	36.126	27.528	30.025	36.689

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/21/12 0:40	38.349	38.233	33.602	3/11/13 19:00	37.939	22.728	34.778	36.126	27.633	30.078	36.726
11/21/12 1:00	38.335	38.219	33.543	3/11/13 20:00	37.946	22.744	35.004	36.143	27.644	30.223	36.869
11/21/12 1:20	38.325	38.207	33.522	3/11/13 21:00	37.962	22.737	34.976	36.147	27.598	30.277	36.946
11/21/12 1:40	38.316	38.200	33.506	3/11/13 22:00	38.020	22.753	34.874	36.161	27.635	30.179	36.845
11/21/12 2:00	38.311	38.193	33.497	3/11/13 23:00	38.039	22.805	34.839	36.213	27.654	30.195	36.820
11/21/12 2:20	38.339	38.223	33.733	3/12/13 0:00	38.044	22.812	34.881	36.227	27.635	30.186	36.810
11/21/12 2:40	38.328	38.212	33.550	3/12/13 1:00	38.060	22.821	34.806	36.229	27.644	30.186	36.808
11/21/12 3:00	38.318	38.200	33.515	3/12/13 2:00	38.100	22.828	34.804	36.243	27.675	30.193	36.801
11/21/12 3:20	38.309	38.193	33.497	3/12/13 3:00	38.111	22.860	34.827	36.276	27.675	30.221	36.810
11/21/12 3:40	38.316	38.202	33.487	3/12/13 4:00	38.130	22.867	34.804	36.287	27.682	30.212	36.799
11/21/12 4:00	38.304	38.186	33.480	3/12/13 5:00	38.116	22.884	34.804	36.301	27.677	30.219	36.796
11/21/12 4:20	38.297	38.181	33.473	3/12/13 6:00	38.132	22.884	34.797	36.287	27.696	30.207	36.792
11/21/12 4:40	38.290	38.174	33.466	3/12/13 7:00	38.151	22.912	34.809	36.304	27.717	30.219	36.801
11/21/12 5:00	38.288	38.170	33.459	3/12/13 8:00	38.153	22.930	34.823	36.320	27.731	30.235	36.813
11/21/12 5:20	38.295	38.174	33.722	3/12/13 9:00	38.174	22.944	34.846	36.320	27.780	30.249	36.829
11/21/12 5:40	38.300	38.184	33.501	3/12/13 10:00	38.197	22.965	34.927	36.339	27.796	30.282	36.871
11/21/12 6:00	38.297	38.177	33.473	3/12/13 11:00	38.204	22.989	34.906	36.360	27.820	30.317	36.899
11/21/12 6:20	38.288	38.172	33.459	3/12/13 12:00	38.209	23.005	34.941	36.367	27.845	30.352	36.934
11/21/12 6:40	38.283	38.163	33.450	3/12/13 13:00	38.186	23.012	35.009	36.369	27.878	30.350	36.944
11/21/12 7:00	38.279	38.158	33.443	3/12/13 14:00	38.158	23.000	35.095	36.353	27.901	30.401	37.000
11/21/12 7:20	38.276	38.160	33.438	3/12/13 15:00	38.130	22.996	35.170	36.329	27.890	30.450	37.056
11/21/12 7:40	38.276	38.158	33.433	3/12/13 16:00	38.100	22.977	35.130	36.306	27.848	30.448	37.077
11/21/12 8:00	38.274	38.156	33.429	3/12/13 17:00	38.086	22.984	35.037	36.285	27.852	30.422	37.044
11/21/12 8:20	38.269	38.149	33.426	3/12/13 18:00	38.083	22.977	35.090	36.273	27.878	30.401	37.011
11/21/12 8:40	38.267	38.151	33.424	3/12/13 19:00	38.086	22.991	35.125	36.273	27.831	30.424	37.018
11/21/12 9:00	38.290	38.172	33.508	3/12/13 20:00	38.093	22.998	34.986	36.273	27.850	30.385	36.979
11/21/12 9:20	38.283	38.163	33.457	3/12/13 21:00	38.107	23.012	35.044	36.280	27.864	30.401	36.979
11/21/12 9:40	38.276	38.158	33.443	3/12/13 22:00	38.121	23.031	35.030	36.292	27.859	30.389	36.969
11/21/12 10:00	38.272	38.156	33.433	3/12/13 23:00	38.139	23.052	34.986	36.304	27.864	30.392	36.965
11/21/12 10:20	38.274	38.158	33.428	3/13/13 0:00	38.137	23.059	34.981	36.318	27.864	30.396	36.962
11/21/12 10:40	38.269	38.151	33.421	3/13/13 1:00	38.130	23.070	34.974	36.315	27.855	30.394	36.962
11/21/12 11:00	38.363	38.312	33.419	3/13/13 2:00	38.121	23.063	34.965	36.308	27.857	30.387	36.958
11/21/12 11:20	38.456	38.525	33.417	3/13/13 3:00	38.123	23.073	34.976	36.304	27.850	30.396	36.967
11/21/12 11:40	38.724	38.801	33.522	3/13/13 4:00	38.100	23.077	34.962	36.304	27.834	30.385	36.958

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/21/12 12:00	38.528	38.504	33.473	3/13/13 5:00	38.100	23.070	34.941	36.283	27.829	30.366	36.939
11/21/12 12:20	38.733	38.852	33.450	3/13/13 6:00	38.107	23.082	34.934	36.285	27.831	30.357	36.930
11/21/12 12:40	38.750	38.819	33.445	3/13/13 7:00	38.102	23.096	34.932	36.290	27.829	30.361	36.925
11/21/12 13:00	38.803	38.990	33.440	3/13/13 8:00	38.102	23.098	34.930	36.285	27.836	30.357	36.923
11/21/12 13:20	38.848	38.981	33.672	3/13/13 9:00	38.100	23.112	34.934	36.287	27.852	30.354	36.927
11/21/12 13:40	38.801	38.925	33.480	3/13/13 10:00	38.111	23.110	34.993	36.283	27.866	30.352	36.934
11/21/12 14:00	38.927	39.072	33.457	3/13/13 11:00	38.093	23.126	35.030	36.294	27.901	30.394	36.969
11/21/12 14:20	38.918	39.039	33.445	3/13/13 12:00	38.060	23.115	35.149	36.278	27.862	30.424	37.016
11/21/12 14:40	38.941	39.053	33.687	3/13/13 13:00	38.037	23.091	35.044	36.252	27.841	30.408	37.032
11/21/12 15:00	38.997	39.149	33.806	3/13/13 14:00	37.999	23.077	35.035	36.231	27.836	30.413	37.018
11/21/12 15:20	39.093	39.238	33.935	3/13/13 15:00	37.976	23.052	35.067	36.201	27.803	30.392	37.009
11/21/12 15:40	39.088	39.259	33.947	3/13/13 16:00	37.944	23.045	35.011	36.180	27.780	30.361	36.988
11/21/12 16:00	39.135	39.282	33.893	3/13/13 17:00	37.932	23.024	35.030	36.154	27.740	30.326	36.955
11/21/12 16:20	39.114	39.247	33.827	3/13/13 18:00	37.913	23.007	34.939	36.143	27.686	30.324	36.925
11/21/12 16:40	39.046	39.210	33.949	3/13/13 19:00	37.918	23.000	34.841	36.129	27.700	30.244	36.855
11/21/12 17:00	39.009	39.130	33.816	3/13/13 20:00	37.927	22.996	34.885	36.131	27.675	30.270	36.866
11/21/12 17:20	39.011	39.137	33.869	3/13/13 21:00	37.934	23.012	34.832	36.136	27.658	30.235	36.834
11/21/12 17:40	38.871	38.868	33.757	3/13/13 22:00	37.937	23.007	34.797	36.143	27.644	30.202	36.799
11/21/12 18:00	38.925	39.004	33.691	3/13/13 23:00	37.941	22.998	34.771	36.145	27.630	30.184	36.780
11/21/12 18:20	38.831	38.852	33.607	3/14/13 0:00	37.939	22.993	34.755	36.145	27.616	30.167	36.766
11/21/12 18:40	38.673	38.735	33.691	3/14/13 1:00	37.934	22.979	34.750	36.145	27.600	30.163	36.770
11/21/12 19:00	38.584	38.499	33.921	3/14/13 2:00	37.941	22.972	34.729	36.138	27.588	30.142	36.754
11/21/12 19:20	38.717	38.735	33.750	3/14/13 3:00	37.937	22.970	34.715	36.145	27.574	30.128	36.742
11/21/12 19:40	38.615	38.520	33.586	3/14/13 4:00	37.937	22.961	34.701	36.140	27.560	30.113	36.728
11/21/12 20:00	38.551	38.523	33.766	3/14/13 5:00	37.927	22.956	34.685	36.138	27.539	30.097	36.714
11/21/12 20:20	38.724	38.735	33.534	3/14/13 6:00	37.925	22.935	34.664	36.131	27.525	30.078	36.696
11/21/12 20:40	38.752	38.822	33.492	3/14/13 7:00	37.932	22.933	34.650	36.126	27.523	30.060	36.682
11/21/12 21:00	38.661	38.623	33.743	3/14/13 8:00	37.946	22.935	34.646	36.133	27.523	30.055	36.675
11/21/12 21:20	38.526	38.490	33.501	3/14/13 9:00	37.957	22.942	34.646	36.145	27.528	30.055	36.675
11/21/12 21:40	38.745	38.810	33.464	3/14/13 10:00	37.985	22.944	34.650	36.154	27.544	30.057	36.679
11/21/12 22:00	38.787	38.883	33.447	3/14/13 11:00	37.990	22.961	34.662	36.178	27.570	30.071	36.696
11/21/12 22:20	38.750	38.791	33.440	3/14/13 12:00	38.002	22.956	34.725	36.180	27.640	30.120	36.745
11/21/12 22:40	38.731	38.794	33.431	3/14/13 13:00	38.002	22.949	34.865	36.192	27.649	30.207	36.850
11/21/12 23:00	38.803	38.866	33.593	3/14/13 14:00	38.009	22.949	34.897	36.194	27.651	30.198	36.855

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/21/12 23:20	38.838	38.929	33.457	3/14/13 15:00	37.981	22.947	34.876	36.201	27.619	30.209	36.866
11/21/12 23:40	38.810	38.913	33.431	3/14/13 16:00	37.974	22.923	34.837	36.175	27.605	30.167	36.827
11/22/12 0:00	38.801	38.869	33.677	3/14/13 17:00	37.964	22.909	34.832	36.171	27.598	30.153	36.796
11/22/12 0:20	38.684	38.752	33.461	3/14/13 18:00	37.964	22.905	34.806	36.161	27.616	30.181	36.820
11/22/12 0:40	38.778	38.864	33.429	3/14/13 19:00	37.974	22.902	34.862	36.164	27.628	30.165	36.806
11/22/12 1:00	38.750	38.801	33.412	3/14/13 20:00	37.976	22.907	34.860	36.171	27.581	30.186	36.827
11/22/12 1:20	38.719	38.834	33.398	3/14/13 21:00	37.976	22.905	34.755	36.173	27.565	30.144	36.785
11/22/12 1:40	38.701	38.766	33.384	3/14/13 22:00	37.971	22.902	34.720	36.173	27.570	30.116	36.747
11/22/12 2:00	38.717	38.768	33.433	3/14/13 23:00	37.971	22.891	34.774	36.168	27.581	30.092	36.728
11/22/12 2:20	38.521	38.504	33.393	3/15/13 0:00	37.953	22.889	34.783	36.166	27.532	30.153	36.773
11/22/12 2:40	38.458	38.443	33.370	3/15/13 1:00	37.946	22.870	34.694	36.152	27.544	30.090	36.726
11/22/12 3:00	38.339	38.242	33.351	3/15/13 2:00	37.932	22.858	34.757	36.147	27.511	30.085	36.712
11/22/12 3:20	38.267	38.153	33.332	3/15/13 3:00	37.920	22.842	34.694	36.133	27.472	30.083	36.710
11/22/12 3:40	38.230	38.118	33.311	3/15/13 4:00	37.895	22.816	34.632	36.124	27.434	30.032	36.665
11/22/12 4:00	38.223	38.109	33.431	3/15/13 5:00	37.871	22.793	34.592	36.101	27.399	29.990	36.628
11/22/12 4:20	38.307	38.170	33.316	3/15/13 6:00	37.864	22.770	34.552	36.082	27.378	29.955	36.593
11/22/12 4:40	38.183	38.069	33.290	3/15/13 7:00	37.860	22.758	34.527	36.075	27.357	29.926	36.562
11/22/12 5:00	38.162	38.048	33.274	3/15/13 8:00	37.857	22.749	34.506	36.070	27.371	29.905	36.541
11/22/12 5:20	38.148	38.034	33.257	3/15/13 9:00	37.862	22.732	34.578	36.066	27.355	29.908	36.548
11/22/12 5:40	38.234	38.228	33.246	3/15/13 10:00	37.867	22.725	34.529	36.070	27.334	29.915	36.555
11/22/12 6:00	38.188	38.083	33.241	3/15/13 11:00	37.867	22.711	34.489	36.073	27.338	29.884	36.534
11/22/12 6:20	38.157	38.053	33.241	3/15/13 12:00	37.853	22.700	34.529	36.070	27.315	29.880	36.541
11/22/12 6:40	38.234	38.172	33.236	3/15/13 13:00	37.834	22.672	34.503	36.061	27.303	29.884	36.541
11/22/12 7:00	38.139	38.022	33.234	3/15/13 14:00	37.806	22.639	34.524	36.045	27.355	29.877	36.546
11/22/12 7:20	38.127	38.013	33.231	3/15/13 15:00	37.771	22.604	34.764	36.021	27.362	29.929	36.602
11/22/12 7:40	38.122	38.006	33.227	3/15/13 16:00	37.764	22.567	34.727	35.993	27.331	29.994	36.721
11/22/12 8:00	38.122	38.004	33.224	3/15/13 17:00	37.773	22.551	34.664	35.991	27.287	29.931	36.675
11/22/12 8:20	38.125	38.008	33.227	3/15/13 18:00	37.783	22.548	34.590	36.000	27.268	29.863	36.590
11/22/12 8:40	38.151	38.034	33.288	3/15/13 19:00	37.799	22.541	34.531	36.005	27.306	29.828	36.534
11/22/12 9:00	38.144	38.025	33.260	3/15/13 20:00	37.825	22.541	34.604	36.019	27.292	29.877	36.576
11/22/12 9:20	38.157	38.041	33.443	3/15/13 21:00	37.848	22.553	34.538	36.042	27.275	29.889	36.567
11/22/12 9:40	38.165	38.046	33.302	3/15/13 22:00	37.881	22.553	34.487	36.059	27.268	29.849	36.518
11/22/12 10:00	38.174	38.055	33.292	3/15/13 23:00	37.888	22.562	34.452	36.084	27.254	29.828	36.480
11/22/12 10:20	38.181	38.060	33.285	3/16/13 0:00	37.964	22.555	34.431	36.091	27.317	29.812	36.459

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/22/12 10:40	38.178	38.060	33.285	3/16/13 1:00	38.006	22.628	34.466	36.154	27.348	29.845	36.478
11/22/12 11:00	38.209	38.090	33.382	3/16/13 2:00	38.025	22.644	34.489	36.187	27.357	29.877	36.502
11/22/12 11:20	38.258	38.142	33.656	3/16/13 3:00	38.044	22.642	34.496	36.203	27.364	29.889	36.516
11/22/12 11:40	38.335	38.219	34.106	3/16/13 4:00	38.051	22.641	34.503	36.215	27.380	29.901	36.530
11/22/12 12:00	38.325	38.219	33.621	3/16/13 5:00	38.062	22.646	34.531	36.222	27.406	29.919	36.555
11/22/12 12:20	38.335	38.224	33.820	3/16/13 6:00	38.081	22.674	34.541	36.234	27.427	29.929	36.562
11/22/12 12:40	38.684	38.731	33.966	3/16/13 7:00	38.160	22.695	34.559	36.250	27.495	29.945	36.572
11/22/12 13:00	38.531	38.546	33.665	3/16/13 8:00	38.167	22.751	34.611	36.315	27.509	30.013	36.616
11/22/12 13:20	38.638	38.597	33.712	3/16/13 9:00	38.167	22.749	34.632	36.320	27.521	30.034	36.640
11/22/12 13:40	38.848	38.957	33.560	3/16/13 10:00	38.162	22.746	34.646	36.320	27.551	30.048	36.665
11/22/12 14:00	38.918	39.035	33.525	3/16/13 11:00	38.155	22.753	34.699	36.318	27.549	30.085	36.698
11/22/12 14:20	38.943	39.081	33.520	3/16/13 12:00	38.151	22.758	34.680	36.313	27.577	30.083	36.707
11/22/12 14:40	38.962	39.109	33.520	3/16/13 13:00	38.148	22.763	34.741	36.308	27.574	30.083	36.719
11/22/12 15:00	39.023	39.142	33.529	3/16/13 14:00	38.104	22.758	34.722	36.311	27.560	30.123	36.752
11/22/12 15:20	39.071	39.212	33.543	3/16/13 15:00	38.074	22.730	34.725	36.271	27.560	30.116	36.766
11/22/12 15:40	39.083	39.221	33.565	3/16/13 16:00	38.053	22.723	34.748	36.252	27.544	30.099	36.759
11/22/12 16:00	39.125	39.261	33.576	3/16/13 17:00	38.039	22.714	34.732	36.234	27.556	30.074	36.735
11/22/12 16:20	39.148	39.277	33.827	3/16/13 18:00	38.041	22.711	34.771	36.220	27.551	30.088	36.735
11/22/12 16:40	39.190	39.343	33.837	3/16/13 19:00	38.046	22.725	34.729	36.227	27.644	30.083	36.728
11/22/12 17:00	39.176	39.313	33.963	3/16/13 20:00	38.055	22.737	34.932	36.229	27.687	30.221	36.831
11/22/12 17:20	39.235	39.373	33.977	3/16/13 21:00	38.079	22.753	35.039	36.238	27.656	30.233	36.876
11/22/12 17:40	39.083	39.123	33.930	3/16/13 22:00	38.069	22.772	34.872	36.259	27.621	30.240	36.862
11/22/12 18:00	39.132	39.247	33.895	3/16/13 23:00	38.051	22.770	34.790	36.250	27.598	30.174	36.792
11/22/12 18:20	39.146	39.252	33.987	3/17/13 0:00	38.027	22.749	34.762	36.234	27.572	30.156	36.770
11/22/12 18:40	38.992	38.904	34.113	3/17/13 1:00	38.025	22.739	34.720	36.217	27.572	30.118	36.735
11/22/12 19:00	39.193	39.310	33.947	3/17/13 2:00	38.006	22.746	34.732	36.215	27.542	30.128	36.738
11/22/12 19:20	39.183	39.266	33.940	3/17/13 3:00	37.988	22.728	34.690	36.199	27.530	30.090	36.710
11/22/12 19:40	38.985	38.859	34.057	3/17/13 4:00	37.974	22.723	34.690	36.182	27.500	30.081	36.707
11/22/12 20:00	39.004	38.997	33.902	3/17/13 5:00	37.969	22.707	34.650	36.171	27.488	30.050	36.675
11/22/12 20:20	38.764	38.653	33.867	3/17/13 6:00	37.976	22.704	34.632	36.166	27.493	30.032	36.656
11/22/12 20:40	38.724	38.607	34.045	3/17/13 7:00	37.983	22.725	34.629	36.171	27.486	30.027	36.649
11/22/12 21:00	38.689	38.579	33.867	3/17/13 8:00	37.971	22.718	34.620	36.175	27.488	30.022	36.640
11/22/12 21:20	38.664	38.548	33.834	3/17/13 9:00	37.985	22.721	34.636	36.166	27.481	30.032	36.647
11/22/12 21:40	38.640	38.525	33.816	3/17/13 10:00	37.983	22.721	34.620	36.180	27.483	30.018	36.640

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/22/12 22:00	38.624	38.509	33.799	3/17/13 11:00	37.957	22.704	34.650	36.175	27.444	30.006	36.637
11/22/12 22:20	38.610	38.497	33.790	3/17/13 12:00	37.930	22.681	34.592	36.154	27.469	29.992	36.628
11/22/12 22:40	38.601	38.483	33.785	3/17/13 13:00	37.895	22.653	34.687	36.129	27.437	30.025	36.672
11/22/12 23:00	38.591	38.476	33.778	3/17/13 14:00	37.867	22.628	34.676	36.101	27.394	29.976	36.647
11/22/12 23:20	38.586	38.469	33.771	3/17/13 15:00	37.820	22.590	34.613	36.077	27.334	29.948	36.633
11/22/12 23:40	38.582	38.464	33.771	3/17/13 16:00	37.797	22.539	34.536	36.035	27.292	29.915	36.597
11/23/12 0:00	38.577	38.459	33.771	3/17/13 17:00	37.778	22.516	34.489	36.017	27.292	29.870	36.551
11/23/12 0:20	38.575	38.457	33.766	3/17/13 18:00	37.753	22.492	34.562	36.000	27.338	29.814	36.511
11/23/12 0:40	38.579	38.460	33.982	3/17/13 19:00	37.776	22.469	34.736	35.979	27.404	29.924	36.609
11/23/12 1:00	38.584	38.469	33.811	3/17/13 20:00	37.827	22.492	34.823	36.000	27.436	30.050	36.745
11/23/12 1:20	38.577	38.462	33.792	3/17/13 21:00	37.850	22.527	34.851	36.045	27.387	30.046	36.726
11/23/12 1:40	38.577	38.460	33.783	3/17/13 22:00	37.855	22.541	34.653	36.066	27.371	29.987	36.672
11/23/12 2:00	38.575	38.460	33.783	3/17/13 23:00	37.902	22.539	34.601	36.066	27.371	29.943	36.614
11/23/12 2:20	38.572	38.455	33.780	3/18/13 0:00	37.944	22.558	34.569	36.101	27.385	29.936	36.579
11/23/12 2:40	38.766	38.752	33.778	3/18/13 1:00	37.941	22.590	34.552	36.140	27.373	29.926	36.555
11/23/12 3:00	38.608	38.497	33.787	3/18/13 2:00	37.941	22.558	34.578	36.133	27.352	29.905	36.537
11/23/12 3:20	38.593	38.473	33.790	3/18/13 3:00	37.990	22.553	34.515	36.133	27.380	29.898	36.539
11/23/12 3:40	38.647	38.614	33.794	3/18/13 4:00	37.999	22.581	34.543	36.175	27.378	29.933	36.555
11/23/12 4:00	38.841	38.857	33.799	3/18/13 5:00	38.013	22.583	34.527	36.182	27.390	29.924	36.548
11/23/12 4:20	38.778	38.632	33.811	3/18/13 6:00	38.044	22.595	34.534	36.192	27.411	29.926	36.551
11/23/12 4:40	38.759	38.649	33.816	3/18/13 7:00	38.055	22.618	34.545	36.217	27.432	29.945	36.565
11/23/12 5:00	38.878	38.932	33.820	3/18/13 8:00	38.090	22.637	34.564	36.229	27.455	29.957	36.581
11/23/12 5:20	38.967	39.013	33.832	3/18/13 9:00	38.097	22.655	34.583	36.259	27.460	29.985	36.600
11/23/12 5:40	38.943	38.943	33.846	3/18/13 10:00	38.100	22.649	34.590	36.264	27.472	29.994	36.614
11/23/12 6:00	38.712	38.597	33.853	3/18/13 11:00	38.090	22.655	34.599	36.266	27.481	30.004	36.628
11/23/12 6:20	38.771	38.710	33.855	3/18/13 12:00	38.093	22.653	34.622	36.259	27.486	30.018	36.651
11/23/12 6:40	38.750	38.649	33.862	3/18/13 13:00	38.086	22.665	34.620	36.262	27.577	30.018	36.649
11/23/12 7:00	38.691	38.574	33.865	3/18/13 14:00	38.079	22.665	34.867	36.257	27.670	30.097	36.726
11/23/12 7:20	38.696	38.616	33.865	3/18/13 15:00	38.058	22.655	35.042	36.252	27.623	30.258	36.899
11/23/12 7:40	38.904	38.911	33.862	3/18/13 16:00	38.039	22.639	34.927	36.241	27.595	30.216	36.890
11/23/12 8:00	39.027	39.090	33.874	3/18/13 17:00	38.039	22.637	34.841	36.224	27.605	30.195	36.862
11/23/12 8:20	38.976	39.013	33.891	3/18/13 18:00	38.034	22.649	34.867	36.224	27.621	30.158	36.817
11/23/12 8:40	38.887	38.773	33.900	3/18/13 19:00	38.037	22.644	34.939	36.220	27.635	30.172	36.817
11/23/12 9:00	38.754	38.640	34.139	3/18/13 20:00	38.051	22.651	34.923	36.222	27.616	30.216	36.857

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/23/12 9:20	38.950	38.892	33.954	3/18/13 21:00	38.062	22.672	34.837	36.236	27.600	30.198	36.824
11/23/12 9:40	39.137	39.200	33.940	3/18/13 22:00	38.081	22.688	34.774	36.243	27.607	30.156	36.775
11/23/12 10:00	39.223	39.308	33.947	3/18/13 23:00	38.093	22.714	34.757	36.262	27.605	30.149	36.752
11/23/12 10:20	39.288	39.427	33.959	3/19/13 0:00	38.116	22.718	34.743	36.269	27.621	30.146	36.742
11/23/12 10:40	39.358	39.481	34.059	3/19/13 1:00	38.107	22.742	34.750	36.290	27.626	30.160	36.745
11/23/12 11:00	39.445	39.574	34.303	3/19/13 2:00	38.123	22.735	34.764	36.280	27.640	30.170	36.761
11/23/12 11:20	39.470	39.602	34.353	3/19/13 3:00	38.116	22.763	34.764	36.297	27.628	30.170	36.756
11/23/12 11:40	39.519	39.668	34.444	3/19/13 4:00	38.125	22.751	34.755	36.290	27.637	30.165	36.754
11/23/12 12:00	39.461	39.565	34.369	3/19/13 5:00	38.100	22.763	34.757	36.297	27.626	30.174	36.759
11/23/12 12:20	39.421	39.462	34.444	3/19/13 6:00	38.102	22.756	34.750	36.276	27.640	30.153	36.756
11/23/12 12:40	39.447	39.521	34.219	3/19/13 7:00	38.102	22.779	34.757	36.278	27.633	30.158	36.761
11/23/12 13:00	39.428	39.514	34.160	3/19/13 8:00	38.095	22.779	34.755	36.278	27.637	30.163	36.759
11/23/12 13:20	39.302	39.221	34.177	3/19/13 9:00	38.090	22.781	34.757	36.273	27.644	30.163	36.768
11/23/12 13:40	39.351	39.392	34.207	3/19/13 10:00	38.116	22.781	34.776	36.269	27.673	30.177	36.785
11/23/12 14:00	39.235	39.198	34.240	3/19/13 11:00	38.144	22.816	34.790	36.290	27.710	30.188	36.794
11/23/12 14:20	39.244	39.301	34.123	3/19/13 12:00	38.146	22.842	34.848	36.315	27.759	30.240	36.827
11/23/12 14:40	39.200	39.228	34.076	3/19/13 13:00	38.139	22.840	34.988	36.318	27.859	30.268	36.878
11/23/12 15:00	39.095	39.170	34.200	3/19/13 14:00	38.130	22.842	35.179	36.313	27.866	30.427	37.030
11/23/12 15:20	39.088	39.035	34.153	3/19/13 15:00	38.107	22.840	35.186	36.306	27.794	30.448	37.070
11/23/12 15:40	39.060	38.992	34.188	3/19/13 16:00	38.069	22.823	35.002	36.290	27.794	30.380	37.009
11/23/12 16:00	38.932	38.885	34.071	3/19/13 17:00	38.067	22.807	35.035	36.257	27.785	30.354	36.979
11/23/12 16:20	38.845	38.740	34.203	3/19/13 18:00	38.060	22.814	35.028	36.257	27.782	30.350	36.965
11/23/12 16:40	38.810	38.700	34.303	3/19/13 19:00	38.067	22.823	35.030	36.250	27.792	30.352	36.953
11/23/12 17:00	38.792	38.684	34.200	3/19/13 20:00	38.083	22.833	35.032	36.257	27.803	30.345	36.939
11/23/12 17:20	38.747	38.639	34.022	3/19/13 21:00	38.072	22.856	35.035	36.273	27.787	30.361	36.941
11/23/12 17:40	38.768	38.663	34.170	3/19/13 22:00	38.125	22.858	34.962	36.262	27.801	30.343	36.930
11/23/12 18:00	38.729	38.618	34.198	3/19/13 23:00	38.141	22.893	34.937	36.308	27.801	30.340	36.904
11/23/12 18:20	38.712	38.602	34.200	3/20/13 0:00	38.134	22.905	34.925	36.320	27.803	30.343	36.892
11/23/12 18:40	38.691	38.583	34.003	3/20/13 1:00	38.151	22.919	34.918	36.313	27.822	30.329	36.887
11/23/12 19:00	38.666	38.558	33.949	3/20/13 2:00	38.165	22.930	34.939	36.327	27.827	30.354	36.906
11/23/12 19:20	38.645	38.532	33.914	3/20/13 3:00	38.179	22.942	34.937	36.336	27.850	30.357	36.904
11/23/12 19:40	38.628	38.518	33.891	3/20/13 4:00	38.186	22.961	34.962	36.350	27.857	30.382	36.927
11/23/12 20:00	38.612	38.502	33.872	3/20/13 5:00	38.195	22.979	34.962	36.355	27.866	30.380	36.932
11/23/12 20:20	38.619	38.506	33.973	3/20/13 6:00	38.181	22.984	34.967	36.360	27.864	30.392	36.939

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/23/12 20:40	38.593	38.485	33.872	3/20/13 7:00	38.181	22.984	34.967	36.350	27.869	30.389	36.941
11/23/12 21:00	38.577	38.464	33.841	3/20/13 8:00	38.167	22.996	34.969	36.350	27.869	30.392	36.948
11/23/12 21:20	38.563	38.450	33.823	3/20/13 9:00	38.167	23.000	34.967	36.339	27.866	30.389	36.951
11/23/12 21:40	38.547	38.434	33.806	3/20/13 10:00	38.151	23.000	34.967	36.341	27.862	30.394	36.953
11/23/12 22:00	38.535	38.422	33.790	3/20/13 11:00	38.132	23.007	34.988	36.325	27.873	30.385	36.951
11/23/12 22:20	38.524	38.413	33.778	3/20/13 12:00	38.111	22.998	35.030	36.308	27.866	30.387	36.962
11/23/12 22:40	38.512	38.394	33.764	3/20/13 13:00	38.058	22.986	35.025	36.292	27.887	30.394	36.979
11/23/12 23:00	38.519	38.408	33.813	3/20/13 14:00	38.006	22.949	35.156	36.250	27.965	30.424	37.025
11/23/12 23:20	38.505	38.394	33.771	3/20/13 15:00	37.950	22.910	35.426	36.208	27.869	30.560	37.166
11/23/12 23:40	38.493	38.378	33.750	3/20/13 16:00	37.904	22.865	35.195	36.159	27.799	30.502	37.149
11/24/12 0:00	38.482	38.371	33.738	3/20/13 17:00	37.864	22.842	35.121	36.122	27.750	30.387	37.035
11/24/12 0:20	38.465	38.352	33.722	3/20/13 18:00	37.857	22.814	35.053	36.089	27.747	30.329	36.976
11/24/12 0:40	38.458	38.345	33.705	3/20/13 19:00	37.855	22.809	35.030	36.087	27.712	30.347	36.993
11/24/12 1:00	38.449	38.336	33.694	3/20/13 20:00	37.839	22.809	34.979	36.082	27.649	30.298	36.934
11/24/12 1:20	38.442	38.326	33.682	3/20/13 21:00	37.825	22.781	34.865	36.068	27.591	30.247	36.869
11/24/12 1:40	38.451	38.336	33.740	3/20/13 22:00	37.825	22.763	34.774	36.054	27.574	30.165	36.780
11/24/12 2:00	38.454	38.340	33.893	3/20/13 23:00	37.832	22.758	34.764	36.052	27.556	30.151	36.749
11/24/12 2:20	38.435	38.322	33.710	3/21/13 0:00	37.825	22.749	34.746	36.054	27.504	30.099	36.707
11/24/12 2:40	38.419	38.308	33.672	3/21/13 1:00	37.829	22.735	34.664	36.045	27.483	30.064	36.665
11/24/12 3:00	38.409	38.294	33.651	3/21/13 2:00	37.825	22.723	34.639	36.045	27.462	30.043	36.642
11/24/12 3:20	38.400	38.289	33.640	3/21/13 3:00	37.818	22.702	34.622	36.040	27.444	30.022	36.625
11/24/12 3:40	38.391	38.275	33.626	3/21/13 4:00	37.815	22.690	34.625	36.033	27.404	29.980	36.595
11/24/12 4:00	38.379	38.266	33.616	3/21/13 5:00	37.808	22.674	34.557	36.031	27.369	29.957	36.569
11/24/12 4:20	38.370	38.256	33.600	3/21/13 6:00	37.806	22.653	34.517	36.024	27.341	29.924	36.541
11/24/12 4:40	38.363	38.245	33.588	3/21/13 7:00	37.820	22.635	34.487	36.017	27.338	29.894	36.518
11/24/12 5:00	38.353	38.237	33.576	3/21/13 8:00	37.829	22.649	34.482	36.031	27.348	29.882	36.511
11/24/12 5:20	38.342	38.226	33.565	3/21/13 9:00	37.848	22.646	34.517	36.038	27.327	29.868	36.509
11/24/12 5:40	38.335	38.224	33.555	3/21/13 10:00	37.848	22.632	34.478	36.052	27.310	29.875	36.504
11/24/12 6:00	38.328	38.212	33.546	3/21/13 11:00	37.848	22.621	34.457	36.091	27.310	29.854	36.495
11/24/12 6:20	38.323	38.207	33.534	3/21/13 12:00	37.843	22.611	34.466	36.054	27.364	29.859	36.502
11/24/12 6:40	38.311	38.198	33.522	3/21/13 13:00	37.839	22.581	34.641	36.047	27.388	29.924	36.572
11/24/12 7:00	38.304	38.193	33.515	3/21/13 14:00	37.825	22.558	34.711	36.045	27.373	29.964	36.630
11/24/12 7:20	38.295	38.181	33.506	3/21/13 15:00	37.813	22.546	34.708	36.033	27.348	29.938	36.633
11/24/12 7:40	38.295	38.179	33.497	3/21/13 16:00	37.808	22.513	34.657	36.026	27.343	29.945	36.618

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/24/12 8:00	38.309	38.193	33.567	3/21/13 17:00	37.820	22.506	34.641	36.021	27.303	29.924	36.611
11/24/12 8:20	38.293	38.174	33.511	3/21/13 18:00	37.860	22.511	34.524	36.033	27.327	29.880	36.567
11/24/12 8:40	38.286	38.167	33.489	3/21/13 19:00	37.897	22.537	34.571	36.066	27.357	29.877	36.537
11/24/12 9:00	38.279	38.165	33.475	3/21/13 20:00	37.937	22.562	34.564	36.101	27.364	29.924	36.579
11/24/12 9:20	38.269	38.156	33.461	3/21/13 21:00	37.964	22.572	34.592	36.131	27.390	29.933	36.576
11/24/12 9:40	38.276	38.163	33.447	3/21/13 22:00	38.011	22.583	34.583	36.157	27.401	29.950	36.588
11/24/12 10:00	38.360	38.294	33.440	3/21/13 23:00	38.030	22.611	34.559	36.196	27.425	29.948	36.576
11/24/12 10:20	38.442	38.387	33.436	3/22/13 0:00	38.065	22.614	34.615	36.210	27.448	29.948	36.574
11/24/12 10:40	38.561	38.546	33.433	3/22/13 1:00	38.097	22.646	34.590	36.241	27.479	29.976	36.595
11/24/12 11:00	38.461	38.389	33.433	3/22/13 2:00	38.100	22.660	34.632	36.266	27.500	30.020	36.618
11/24/12 11:20	38.526	38.471	33.433	3/22/13 3:00	38.076	22.651	34.674	36.266	27.462	30.027	36.644
11/24/12 11:40	38.437	38.431	33.429	3/22/13 4:00	38.048	22.621	34.608	36.250	27.455	30.011	36.633
11/24/12 12:00	38.412	38.326	33.480	3/22/13 5:00	38.030	22.609	34.611	36.224	27.432	30.004	36.633
11/24/12 12:20	38.668	38.712	33.440	3/22/13 6:00	38.030	22.593	34.580	36.208	27.425	29.973	36.611
11/24/12 12:40	38.593	38.506	33.506	3/22/13 7:00	38.044	22.590	34.566	36.210	27.441	29.969	36.604
11/24/12 13:00	38.563	38.663	33.452	3/22/13 8:00	38.053	22.614	34.578	36.222	27.472	29.978	36.607
11/24/12 13:20	38.586	38.588	33.429	3/22/13 9:00	38.055	22.628	34.650	36.231	27.474	29.983	36.616
11/24/12 13:40	38.496	38.574	33.407	3/22/13 10:00	38.065	22.628	34.662	36.231	27.474	29.999	36.635
11/24/12 14:00	38.519	38.445	33.527	3/22/13 11:00	38.058	22.637	34.620	36.241	27.490	30.015	36.647
11/24/12 14:20	38.514	38.481	33.403	3/22/13 12:00	38.044	22.625	34.676	36.236	27.539	30.008	36.647
11/24/12 14:40	38.449	38.446	33.370	3/22/13 13:00	38.018	22.623	34.832	36.224	27.535	30.057	36.705
11/24/12 15:00	38.582	38.618	33.346	3/22/13 14:00	37.992	22.600	34.781	36.203	27.521	30.135	36.787
11/24/12 15:20	38.472	38.560	33.335	3/22/13 15:00	37.967	22.576	34.771	36.182	27.481	30.118	36.773
11/24/12 15:40	38.554	38.593	33.670	3/22/13 16:00	37.962	22.560	34.699	36.161	27.490	30.067	36.726
11/24/12 16:00	38.589	38.618	34.003	3/22/13 17:00	37.951	22.558	34.739	36.157	27.474	30.048	36.696
11/24/12 16:20	38.568	38.544	34.346	3/22/13 18:00	37.955	22.546	34.713	36.147	27.500	30.027	36.682
11/24/12 16:40	38.708	38.705	33.902	3/22/13 19:00	37.967	22.555	34.771	36.152	27.495	30.032	36.686
11/24/12 17:00	38.519	38.487	33.778	3/22/13 20:00	37.988	22.581	34.732	36.164	27.493	30.041	36.703
11/24/12 17:20	38.360	38.261	33.555	3/22/13 21:00	38.011	22.595	34.685	36.182	27.493	30.055	36.700
11/24/12 17:40	38.309	38.207	33.560	3/22/13 22:00	38.034	22.597	34.664	36.206	27.504	30.036	36.689
11/24/12 18:00	38.283	38.177	33.607	3/22/13 23:00	38.037	22.616	34.662	36.222	27.507	30.048	36.696
11/24/12 18:20	38.286	38.181	33.628	3/23/13 0:00	38.046	22.614	34.676	36.222	27.509	30.064	36.693
11/24/12 18:40	38.265	38.156	33.536	3/23/13 1:00	38.060	22.630	34.655	36.229	27.518	30.046	36.679
11/24/12 19:00	38.283	38.174	33.522	3/23/13 2:00	38.051	22.630	34.664	36.241	27.507	30.067	36.686

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/24/12 19:20	38.295	38.179	33.429	3/23/13 3:00	38.039	22.621	34.674	36.238	27.516	30.046	36.677
11/24/12 19:40	38.323	38.202	33.588	3/23/13 4:00	38.025	22.635	34.669	36.231	27.495	30.053	36.703
11/24/12 20:00	38.328	38.212	33.403	3/23/13 5:00	38.018	22.607	34.648	36.220	27.474	30.036	36.679
11/24/12 20:20	38.332	38.214	33.367	3/23/13 6:00	38.016	22.593	34.622	36.210	27.483	30.032	36.670
11/24/12 20:40	38.339	38.219	33.349	3/23/13 7:00	38.034	22.597	34.648	36.224	27.497	30.022	36.705
11/24/12 21:00	38.349	38.228	33.342	3/23/13 8:00	38.079	22.618	34.660	36.236	27.525	30.053	36.724
11/24/12 21:20	38.353	38.230	33.337	3/23/13 9:00	38.058	22.639	34.692	36.278	27.546	30.088	36.754
11/24/12 21:40	38.356	38.233	33.328	3/23/13 10:00	38.030	22.660	34.713	36.266	27.530	30.085	36.773
11/24/12 22:00	38.358	38.237	33.323	3/23/13 11:00	38.034	22.635	34.704	36.243	27.539	30.071	36.766
11/24/12 22:20	38.365	38.240	33.321	3/23/13 12:00	38.039	22.635	34.722	36.252	27.553	30.078	36.794
11/24/12 22:40	38.365	38.245	33.318	3/23/13 13:00	38.016	22.635	34.750	36.252	27.539	30.104	36.806
11/24/12 23:00	38.391	38.270	33.393	3/23/13 14:00	37.997	22.618	34.762	36.229	27.514	30.076	36.768
11/24/12 23:20	38.388	38.266	33.349	3/23/13 15:00	37.990	22.609	34.701	36.220	27.493	30.074	36.780
11/24/12 23:40	38.386	38.265	33.337	3/23/13 16:00	37.988	22.600	34.660	36.203	27.572	30.046	36.719
11/25/12 0:00	38.395	38.270	33.558	3/23/13 17:00	37.985	22.607	34.837	36.199	27.621	30.151	36.801
11/25/12 0:20	38.402	38.282	33.375	3/23/13 18:00	38.013	22.597	34.953	36.194	27.616	30.195	36.845
11/25/12 0:40	38.402	38.279	33.349	3/23/13 19:00	38.027	22.639	34.897	36.222	27.659	30.172	36.829
11/25/12 1:00	38.400	38.277	33.339	3/23/13 20:00	38.020	22.642	34.955	36.231	27.623	30.219	36.857
11/25/12 1:20	38.407	38.282	33.344	3/23/13 21:00	37.992	22.623	34.867	36.222	27.577	30.219	36.857
11/25/12 1:40	38.405	38.277	33.337	3/23/13 22:00	38.072	22.628	34.769	36.199	27.605	30.123	36.782
11/25/12 2:00	38.407	38.282	33.335	3/23/13 23:00	38.088	22.670	34.760	36.264	27.630	30.158	36.761
11/25/12 2:20	38.409	38.289	33.337	3/24/13 0:00	38.107	22.712	34.832	36.278	27.633	30.151	36.749
11/25/12 2:40	38.414	38.289	33.337	3/24/13 1:00	38.104	22.714	34.771	36.292	27.633	30.174	36.766
11/25/12 3:00	38.421	38.298	33.344	3/24/13 2:00	38.109	22.707	34.767	36.287	27.628	30.170	36.759
11/25/12 3:20	38.421	38.301	33.346	3/24/13 3:00	38.102	22.707	34.753	36.292	27.621	30.160	36.747
11/25/12 3:40	38.428	38.305	33.353	3/24/13 4:00	38.093	22.712	34.743	36.287	27.612	30.153	36.735
11/25/12 4:00	38.437	38.312	33.358	3/24/13 5:00	38.086	22.705	34.729	36.278	27.607	30.142	36.724
11/25/12 4:20	38.442	38.319	33.365	3/24/13 6:00	38.081	22.707	34.722	36.273	27.607	30.135	36.726
11/25/12 4:40	38.447	38.322	33.368	3/24/13 7:00	38.093	22.718	34.722	36.269	27.616	30.130	36.726
11/25/12 5:00	38.449	38.329	33.370	3/24/13 8:00	38.102	22.730	34.734	36.278	27.628	30.142	36.740
11/25/12 5:20	38.456	38.333	33.377	3/24/13 9:00	38.116	22.739	34.743	36.283	27.644	30.151	36.747
11/25/12 5:40	38.461	38.336	33.377	3/24/13 10:00	38.128	22.758	34.760	36.297	27.673	30.165	36.759
11/25/12 6:00	38.468	38.345	33.384	3/24/13 11:00	38.125	22.777	34.799	36.306	27.689	30.202	36.796
11/25/12 6:20	38.472	38.350	33.391	3/24/13 12:00	38.121	22.772	34.862	36.304	27.722	30.198	36.806

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/25/12 6:40	38.477	38.354	33.391	3/24/13 13:00	38.104	22.777	34.941	36.301	27.722	30.228	36.850
11/25/12 7:00	38.486	38.359	33.400	3/24/13 14:00	38.088	22.763	34.913	36.290	27.701	30.251	36.885
11/25/12 7:20	38.489	38.364	33.405	3/24/13 15:00	38.074	22.753	34.867	36.285	27.773	30.258	36.887
11/25/12 7:40	38.493	38.368	33.407	3/24/13 16:00	38.058	22.749	35.053	36.283	27.745	30.322	36.955
11/25/12 8:00	38.500	38.378	33.414	3/24/13 17:00	38.041	22.735	34.979	36.306	27.740	30.345	36.976
11/25/12 8:20	38.510	38.385	33.424	3/24/13 18:00	38.032	22.737	34.962	36.238	27.761	30.329	36.967
11/25/12 8:40	38.516	38.392	33.454	3/24/13 19:00	38.037	22.732	35.090	36.231	27.780	30.345	36.979
11/25/12 9:00	38.540	38.417	33.489	3/24/13 20:00	38.039	22.742	35.051	36.236	27.768	30.361	36.997
11/25/12 9:20	38.545	38.420	33.473	3/24/13 21:00	38.048	22.753	34.997	36.238	27.745	30.361	36.981
11/25/12 9:40	38.549	38.424	33.475	3/24/13 22:00	38.065	22.758	34.934	36.245	27.740	30.312	36.930
11/25/12 10:00	38.558	38.434	33.480	3/24/13 23:00	38.095	22.788	34.899	36.262	27.750	30.284	36.892
11/25/12 10:20	38.563	38.438	33.492	3/25/13 0:00	38.104	22.812	34.890	36.287	27.752	30.291	36.876
11/25/12 10:40	38.582	38.462	33.539	3/25/13 1:00	38.111	22.814	34.883	36.294	27.750	30.286	36.866
11/25/12 11:00	38.568	38.448	33.513	3/25/13 2:00	38.116	22.812	34.874	36.297	27.752	30.284	36.862
11/25/12 11:20	38.733	38.731	33.501	3/25/13 3:00	38.114	22.826	34.872	36.299	27.750	30.282	36.855
11/25/12 11:40	38.586	38.523	33.494	3/25/13 4:00	38.104	22.830	34.865	36.297	27.738	30.277	36.850
11/25/12 12:00	38.806	38.838	33.553	3/25/13 5:00	38.104	22.819	34.853	36.290	27.740	30.265	36.843
11/25/12 12:20	38.661	38.509	33.515	3/25/13 6:00	38.114	22.835	34.853	36.292	27.750	30.268	36.843
11/25/12 12:40	38.519	38.420	33.499	3/25/13 7:00	38.125	22.844	34.858	36.299	27.761	30.272	36.845
11/25/12 13:00	38.586	38.602	33.480	3/25/13 8:00	38.144	22.863	34.872	36.308	27.796	30.282	36.857
11/25/12 13:20	38.470	38.366	33.471	3/25/13 9:00	38.153	22.882	34.925	36.325	27.801	30.305	36.885
11/25/12 13:40	38.510	38.478	33.454	3/25/13 10:00	38.155	22.893	34.909	36.332	27.829	30.319	36.899
11/25/12 14:00	38.671	38.686	33.443	3/25/13 11:00	38.158	22.900	34.979	36.334	27.831	30.340	36.925
11/25/12 14:20	38.636	38.611	33.431	3/25/13 12:00	38.151	22.910	34.972	36.364	27.871	30.366	36.951
11/25/12 14:40	38.573	38.628	33.658	3/25/13 13:00	38.135	22.905	35.095	36.329	27.850	30.380	36.974
11/25/12 15:00	38.612	38.546	33.464	3/25/13 14:00	38.118	22.896	35.056	36.315	27.911	30.389	36.979
11/25/12 15:20	38.649	38.679	33.504	3/25/13 15:00	38.109	22.898	35.202	36.306	27.894	30.445	37.037
11/25/12 15:40	38.610	38.684	33.447	3/25/13 16:00	38.097	22.896	35.109	36.297	27.862	30.487	37.070
11/25/12 16:00	38.528	38.588	33.426	3/25/13 17:00	38.093	22.891	35.070	36.290	27.862	30.403	36.995
11/25/12 16:20	38.470	38.464	33.419	3/25/13 18:00	38.083	22.896	35.070	36.285	27.894	30.420	37.007
11/25/12 16:40	38.538	38.434	33.412	3/25/13 19:00	38.090	22.898	35.135	36.278	27.883	30.455	37.025
11/25/12 17:00	38.670	38.688	33.407	3/25/13 20:00	38.102	22.914	35.077	36.285	27.878	30.436	37.018
11/25/12 17:20	38.712	38.794	33.414	3/25/13 21:00	38.102	22.926	35.049	36.294	27.866	30.443	37.014
11/25/12 17:40	38.712	38.773	33.640	3/25/13 22:00	38.111	22.928	35.014	36.292	27.859	30.420	36.988

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/25/12 18:00	38.782	38.829	33.799	3/25/13 23:00	38.116	22.940	34.988	36.301	27.857	30.399	36.962
11/25/12 18:20	38.563	38.457	34.256	3/26/13 0:00	38.128	22.952	34.976	36.304	27.855	30.387	36.946
11/25/12 18:40	38.591	38.487	34.388	3/26/13 1:00	38.123	22.956	34.967	36.311	27.857	30.387	36.941
11/25/12 19:00	38.575	38.476	34.184	3/26/13 2:00	38.111	22.959	34.976	36.306	27.836	30.396	36.946
11/25/12 19:20	38.524	38.422	33.912	3/26/13 3:00	38.104	22.959	34.951	36.297	27.843	30.371	36.927
11/25/12 19:40	38.645	38.640	33.766	3/26/13 4:00	38.090	22.961	34.969	36.292	27.813	30.375	36.927
11/25/12 20:00	38.664	38.651	33.759	3/26/13 5:00	38.081	22.949	34.925	36.278	27.801	30.347	36.906
11/25/12 20:20	38.556	38.487	33.647	3/26/13 6:00	38.076	22.954	34.909	36.271	27.792	30.331	36.890
11/25/12 20:40	38.696	38.679	33.963	3/26/13 7:00	38.081	22.952	34.899	36.266	27.796	30.319	36.878
11/25/12 21:00	38.517	38.413	33.783	3/26/13 8:00	38.090	22.980	34.899	36.271	27.799	30.317	36.880
11/25/12 21:20	38.701	38.681	33.884	3/26/13 9:00	38.086	22.975	34.902	36.278	27.794	30.322	36.885
11/25/12 21:40	38.771	38.810	33.687	3/26/13 10:00	38.086	22.973	34.897	36.276	27.808	30.317	36.887
11/25/12 22:00	38.575	38.480	33.851	3/26/13 11:00	38.079	22.970	34.974	36.273	27.792	30.329	36.906
11/25/12 22:20	38.491	38.380	33.658	3/26/13 12:00	38.051	22.970	34.909	36.266	27.773	30.326	36.908
11/25/12 22:40	38.621	38.611	33.616	3/26/13 13:00	38.020	22.952	34.904	36.243	27.757	30.315	36.906
11/25/12 23:00	38.731	38.759	33.597	3/26/13 14:00	37.988	22.926	34.923	36.217	27.722	30.317	36.911
11/25/12 23:20	38.617	38.607	33.851	3/26/13 15:00	37.958	22.893	34.881	36.192	27.745	30.284	36.894
11/25/12 23:40	38.510	38.399	33.642	3/26/13 16:00	37.925	22.877	35.021	36.166	27.796	30.275	36.883
11/26/12 0:00	38.575	38.462	33.607	3/26/13 17:00	37.909	22.842	35.160	36.138	27.738	30.382	37.004
11/26/12 0:20	38.692	38.707	33.588	3/26/13 18:00	37.911	22.837	35.042	36.124	27.708	30.350	36.988
11/26/12 0:40	38.472	38.364	33.581	3/26/13 19:00	37.906	22.833	34.937	36.129	27.694	30.298	36.915
11/26/12 1:00	38.430	38.315	33.567	3/26/13 20:00	37.904	22.828	34.955	36.122	27.666	30.258	36.864
11/26/12 1:20	38.407	38.291	33.558	3/26/13 21:00	37.916	22.816	34.895	36.119	27.628	30.219	36.831
11/26/12 1:40	38.388	38.275	33.543	3/26/13 22:00	37.934	22.819	34.795	36.129	27.616	30.184	36.796
11/26/12 2:00	38.496	38.432	33.532	3/26/13 23:00	37.951	22.826	34.769	36.143	27.612	30.160	36.766
11/26/12 2:20	38.377	38.261	33.522	3/27/13 0:00	37.957	22.823	34.760	36.157	27.605	30.153	36.749
11/26/12 2:40	38.384	38.275	33.595	3/27/13 1:00	37.969	22.819	34.746	36.161	27.602	30.151	36.752
11/26/12 3:00	38.370	38.261	33.546	3/27/13 2:00	37.974	22.833	34.732	36.171	27.588	30.139	36.738
11/26/12 3:20	38.358	38.244	33.529	3/27/13 3:00	37.969	22.819	34.715	36.173	27.574	30.125	36.724
11/26/12 3:40	38.353	38.235	33.520	3/27/13 4:00	37.955	22.814	34.697	36.168	27.556	30.111	36.707
11/26/12 4:00	38.349	38.235	33.518	3/27/13 5:00	37.946	22.781	34.713	36.157	27.530	30.083	36.693
11/26/12 4:20	38.421	38.303	33.520	3/27/13 6:00	37.953	22.770	34.660	36.145	27.518	30.067	36.679
11/26/12 4:40	38.351	38.238	33.518	3/27/13 7:00	37.964	22.774	34.648	36.152	27.521	30.055	36.661
11/26/12 5:00	38.353	38.237	33.513	3/27/13 8:00	37.976	22.784	34.646	36.164	27.525	30.053	36.661

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/26/12 5:20	38.346	38.230	33.513	3/27/13 9:00	37.990	22.786	34.646	36.173	27.525	30.053	36.665
11/26/12 5:40	38.346	38.230	33.513	3/27/13 10:00	37.990	22.788	34.648	36.182	27.518	30.055	36.672
11/26/12 6:00	38.351	38.233	33.513	3/27/13 11:00	37.990	22.777	34.643	36.185	27.516	30.053	36.679
11/26/12 6:20	38.356	38.240	33.522	3/27/13 12:00	37.992	22.784	34.643	36.185	27.518	30.048	36.677
11/26/12 6:40	38.360	38.240	33.527	3/27/13 13:00	37.988	22.772	34.664	36.182	27.532	30.064	36.693
11/26/12 7:00	38.363	38.245	33.529	3/27/13 14:00	37.985	22.763	34.718	36.180	27.528	30.076	36.714
11/26/12 7:20	38.372	38.254	33.539	3/27/13 15:00	37.978	22.758	34.690	36.180	27.502	30.078	36.726
11/26/12 7:40	38.386	38.268	33.548	3/27/13 16:00	37.974	22.749	34.650	36.173	27.490	30.046	36.686
11/26/12 8:00	38.414	38.296	33.560	3/27/13 17:00	37.978	22.744	34.629	36.168	27.521	30.027	36.665
11/26/12 8:20	38.582	38.597	33.574	3/27/13 18:00	37.995	22.744	34.711	36.175	27.532	30.034	36.677
11/26/12 8:40	38.605	38.525	33.586	3/27/13 19:00	38.013	22.754	34.706	36.189	27.556	30.057	36.700
11/26/12 9:00	38.768	38.850	33.602	3/27/13 20:00	38.025	22.770	34.753	36.203	27.645	30.057	36.696
11/26/12 9:20	38.824	38.852	33.703	3/27/13 21:00	38.046	22.768	34.955	36.215	27.635	30.219	36.848
11/26/12 9:40	38.969	39.051	33.677	3/27/13 22:00	38.067	22.784	34.853	36.234	27.624	30.216	36.862
11/26/12 10:00	39.076	39.252	33.694	3/27/13 23:00	38.076	22.800	34.790	36.252	27.647	30.167	36.806
11/26/12 10:20	39.104	39.263	33.712	3/28/13 0:00	38.076	22.800	34.844	36.259	27.640	30.188	36.822
11/26/12 10:40	39.195	39.317	33.736	3/28/13 1:00	38.079	22.793	34.820	36.259	27.635	30.170	36.806
11/26/12 11:00	39.186	39.345	33.757	3/28/13 2:00	38.079	22.800	34.795	36.262	27.621	30.184	36.810
11/26/12 11:20	39.233	39.308	33.773	3/28/13 3:00	38.076	22.795	34.767	36.262	27.616	30.165	36.782
11/26/12 11:40	39.179	39.259	33.792	3/28/13 4:00	38.067	22.793	34.750	36.262	27.602	30.151	36.766
11/26/12 12:00	39.260	39.387	33.808	3/28/13 5:00	38.051	22.788	34.732	36.250	27.581	30.137	36.752
11/26/12 12:20	39.284	39.404	33.827	3/28/13 6:00	38.051	22.777	34.713	36.238	27.579	30.118	36.733
11/26/12 12:40	39.330	39.493	33.837	3/28/13 7:00	38.051	22.779	34.706	36.236	27.577	30.109	36.724
11/26/12 13:00	39.340	39.485	33.848	3/28/13 8:00	38.058	22.784	34.699	36.236	27.581	30.106	36.719
11/26/12 13:20	39.372	39.539	33.860	3/28/13 9:00	38.055	22.786	34.704	36.243	27.579	30.111	36.724
11/26/12 13:40	39.377	39.535	33.867	3/28/13 10:00	38.055	22.779	34.706	36.241	27.593	30.109	36.733
11/26/12 14:00	39.363	39.516	33.975	3/28/13 11:00	38.062	22.786	34.725	36.243	27.614	30.123	36.752
11/26/12 14:20	39.351	39.451	33.914	3/28/13 12:00	38.051	22.784	34.802	36.245	27.626	30.120	36.756
11/26/12 14:40	39.377	39.546	33.902	3/28/13 13:00	38.032	22.777	34.813	36.238	27.605	30.184	36.820
11/26/12 15:00	39.389	39.502	34.048	3/28/13 14:00	38.013	22.758	34.788	36.222	27.591	30.167	36.815
11/26/12 15:20	39.272	39.394	33.937	3/28/13 15:00	37.992	22.749	34.788	36.208	27.556	30.118	36.775
11/26/12 15:40	39.368	39.546	34.017	3/28/13 16:00	37.967	22.728	34.720	36.189	27.518	30.111	36.768
11/26/12 16:00	39.377	39.511	33.952	3/28/13 17:00	37.951	22.707	34.694	36.168	27.516	30.067	36.717
11/26/12 16:20	39.344	39.441	33.935	3/28/13 18:00	37.951	22.695	34.697	36.154	27.516	30.046	36.705

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/26/12 16:40	39.344	39.507	33.926	3/28/13 19:00	37.974	22.698	34.748	36.152	27.521	30.055	36.703
11/26/12 17:00	39.407	39.570	34.081	3/28/13 20:00	37.997	22.709	34.685	36.173	27.607	30.074	36.710
11/26/12 17:20	39.326	39.404	33.963	3/28/13 21:00	38.011	22.721	34.913	36.192	27.633	30.128	36.756
11/26/12 17:40	39.226	39.268	34.006	3/28/13 22:00	38.030	22.735	34.890	36.206	27.605	30.207	36.836
11/26/12 18:00	38.899	38.796	33.966	3/28/13 23:00	38.044	22.747	34.795	36.224	27.609	30.172	36.801
11/26/12 18:20	38.810	38.703	33.940	3/29/13 0:00	38.051	22.751	34.806	36.234	27.588	30.135	36.766
11/26/12 18:40	38.759	38.649	33.916	3/29/13 1:00	38.053	22.747	34.739	36.238	27.581	30.135	36.759
11/26/12 19:00	38.724	38.611	33.897	3/29/13 2:00	38.051	22.744	34.725	36.238	27.574	30.118	36.742
11/26/12 19:20	38.747	38.635	34.219	3/29/13 3:00	38.046	22.744	34.711	36.236	27.563	30.109	36.733
11/26/12 19:40	38.780	38.672	34.240	3/29/13 4:00	38.030	22.735	34.697	36.234	27.542	30.099	36.724
11/26/12 20:00	38.831	38.724	34.651	3/29/13 5:00	38.018	22.714	34.678	36.220	27.530	30.081	36.707
11/26/12 20:20	38.845	38.747	34.451	3/29/13 6:00	38.020	22.712	34.664	36.210	27.528	30.067	36.696
11/26/12 20:40	38.822	38.719	34.278	3/29/13 7:00	38.044	22.716	34.657	36.210	27.542	30.055	36.684
11/26/12 21:00	38.796	38.688	34.397	3/29/13 8:00	38.053	22.737	34.667	36.231	27.551	30.069	36.689
11/26/12 21:20	38.782	38.677	34.268	3/29/13 9:00	38.062	22.749	34.674	36.241	27.556	30.076	36.696
11/26/12 21:40	38.747	38.642	34.071	3/29/13 10:00	38.060	22.749	34.676	36.245	27.553	30.085	36.705
11/26/12 22:00	38.731	38.626	34.062	3/29/13 11:00	38.048	22.744	34.676	36.245	27.570	30.081	36.710
11/26/12 22:20	38.724	38.614	34.231	3/29/13 12:00	38.034	22.735	34.736	36.234	27.619	30.123	36.752
11/26/12 22:40	38.724	38.616	34.081	3/29/13 13:00	38.013	22.721	34.897	36.222	27.570	30.123	36.780
11/26/12 23:00	38.719	38.614	34.186	3/29/13 14:00	37.985	22.695	34.771	36.203	27.546	30.142	36.808
11/26/12 23:20	38.692	38.581	34.008	3/29/13 15:00	37.967	22.681	34.762	36.182	27.518	30.092	36.770
11/26/12 23:40	38.675	38.565	33.963	3/29/13 16:00	37.951	22.663	34.708	36.168	27.486	30.064	36.738
11/27/12 0:00	38.675	38.567	34.003	3/29/13 17:00	37.944	22.653	34.648	36.152	27.469	30.032	36.698
11/27/12 0:20	38.654	38.546	33.942	3/29/13 18:00	37.941	22.639	34.629	36.145	27.451	30.011	36.677
11/27/12 0:40	38.638	38.527	33.914	3/29/13 19:00	37.939	22.635	34.606	36.143	27.495	29.997	36.661
11/27/12 1:00	38.624	38.511	33.893	3/29/13 20:00	37.925	22.630	34.776	36.143	27.614	30.004	36.663
11/27/12 1:20	38.629	38.518	33.984	3/29/13 21:00	37.944	22.604	35.065	36.133	27.614	30.221	36.883
11/27/12 1:40	38.610	38.499	33.893	3/29/13 22:00	37.958	22.635	34.965	36.150	27.572	30.221	36.901
11/27/12 2:00	38.589	38.478	33.860	3/29/13 23:00	37.964	22.625	34.855	36.159	27.537	30.116	36.799
11/27/12 2:20	38.577	38.467	33.839	3/30/13 0:00	37.997	22.616	34.764	36.166	27.551	30.118	36.773
11/27/12 2:40	38.568	38.452	33.825	3/30/13 1:00	37.983	22.644	34.755	36.196	27.509	30.104	36.749
11/27/12 3:00	38.556	38.445	33.813	3/30/13 2:00	37.958	22.614	34.692	36.178	27.448	30.078	36.719
11/27/12 3:20	38.547	38.436	33.801	3/30/13 3:00	37.925	22.563	34.620	36.159	27.418	30.013	36.656
11/27/12 3:40	38.535	38.422	33.790	3/30/13 4:00	37.899	22.548	34.583	36.129	27.383	29.973	36.625

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/27/12 4:00	38.530	38.417	33.780	3/30/13 5:00	37.930	22.530	34.543	36.105	27.397	29.931	36.588
11/27/12 4:20	38.519	38.403	33.769	3/30/13 6:00	37.939	22.565	34.543	36.133	27.383	29.929	36.574
11/27/12 4:40	38.510	38.394	33.755	3/30/13 7:00	37.946	22.556	34.527	36.138	27.378	29.926	36.558
11/27/12 5:00	38.496	38.382	33.743	3/30/13 8:00	37.958	22.553	34.517	36.145	27.373	29.915	36.551
11/27/12 5:20	38.489	38.373	33.731	3/30/13 9:00	37.953	22.551	34.513	36.154	27.364	29.912	36.548
11/27/12 5:40	38.484	38.371	33.724	3/30/13 10:00	37.964	22.539	34.510	36.150	27.376	29.903	36.548
11/27/12 6:00	38.475	38.359	33.715	3/30/13 11:00	37.983	22.556	34.513	36.157	27.420	29.903	36.555
11/27/12 6:20	38.465	38.354	33.703	3/30/13 12:00	37.999	22.558	34.639	36.180	27.507	29.940	36.595
11/27/12 6:40	38.461	38.345	33.698	3/30/13 13:00	37.997	22.574	34.792	36.192	27.439	30.055	36.714
11/27/12 7:00	38.456	38.340	33.691	3/30/13 14:00	37.988	22.556	34.634	36.189	27.418	30.001	36.684
11/27/12 7:20	38.456	38.343	33.687	3/30/13 15:00	37.974	22.539	34.627	36.185	27.444	29.971	36.661
11/27/12 7:40	38.472	38.359	33.750	3/30/13 16:00	37.967	22.527	34.669	36.173	27.514	30.027	36.710
11/27/12 8:00	38.461	38.345	33.708	3/30/13 17:00	37.960	22.518	34.846	36.166	27.500	30.083	36.759
11/27/12 8:20	38.454	38.338	33.689	3/30/13 18:00	37.967	22.514	34.792	36.161	27.455	30.130	36.801
11/27/12 8:40	38.454	38.336	33.684	3/30/13 19:00	37.976	22.516	34.676	36.168	27.502	30.032	36.719
11/27/12 9:00	38.449	38.331	33.679	3/30/13 20:00	37.988	22.525	34.776	36.175	27.528	30.067	36.721
11/27/12 9:20	38.447	38.331	33.677	3/30/13 21:00	37.995	22.530	34.809	36.182	27.497	30.132	36.780
11/27/12 9:40	38.444	38.326	33.672	3/30/13 22:00	38.041	22.551	34.701	36.189	27.509	30.055	36.714
11/27/12 10:00	38.440	38.326	33.670	3/30/13 23:00	38.109	22.579	34.678	36.231	27.560	30.053	36.682
11/27/12 10:20	38.437	38.324	33.661	3/31/13 0:00	38.130	22.646	34.720	36.304	27.584	30.085	36.703
11/27/12 10:40	38.449	38.336	33.790	3/31/13 1:00	38.139	22.649	34.741	36.315	27.574	30.120	36.763
11/27/12 11:00	38.442	38.326	33.684	3/31/13 2:00	38.111	22.635	34.722	36.315	27.553	30.123	36.749
11/27/12 11:20	38.444	38.326	33.893	3/31/13 3:00	38.102	22.618	34.697	36.292	27.544	30.095	36.728
11/27/12 11:40	38.519	38.506	33.708	3/31/13 4:00	38.076	22.616	34.685	36.285	27.525	30.085	36.714
11/27/12 12:00	38.554	38.576	33.867	3/31/13 5:00	38.072	22.609	34.664	36.262	27.521	30.064	36.700
11/27/12 12:20	38.701	38.787	33.694	3/31/13 6:00	38.067	22.609	34.657	36.255	27.518	30.057	36.689
11/27/12 12:40	38.649	38.637	33.663	3/31/13 7:00	38.060	22.611	34.648	36.252	27.514	30.050	36.679
11/27/12 13:00	38.738	38.712	33.647	3/31/13 8:00	38.069	22.618	34.646	36.248	27.518	30.043	36.672
11/27/12 13:20	38.731	38.675	33.633	3/31/13 9:00	38.072	22.623	34.648	36.252	27.518	30.046	36.672
11/27/12 13:40	38.706	38.698	33.623	3/31/13 10:00	38.065	22.630	34.646	36.257	27.518	30.048	36.675
11/27/12 14:00	38.780	38.852	33.616	3/31/13 11:00	38.062	22.630	34.653	36.257	27.518	30.048	36.693
11/27/12 14:20	38.764	38.805	33.691	3/31/13 12:00	38.058	22.635	34.655	36.250	27.528	30.050	36.696
11/27/12 14:40	38.871	38.934	33.635	3/31/13 13:00	38.048	22.637	34.704	36.245	27.511	30.046	36.696
11/27/12 15:00	38.824	38.840	33.616	3/31/13 14:00	38.025	22.616	34.655	36.236	27.488	30.050	36.703

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/27/12 15:20	38.820	38.892	33.604	3/31/13 15:00	37.997	22.602	34.634	36.215	27.460	30.027	36.689
11/27/12 15:40	38.789	38.878	33.682	3/31/13 16:00	37.967	22.579	34.606	36.192	27.444	30.001	36.670
11/27/12 16:00	38.631	38.623	33.623	3/31/13 17:00	37.948	22.553	34.606	36.166	27.416	29.994	36.665
11/27/12 16:20	38.794	38.871	33.604	3/31/13 18:00	37.939	22.541	34.573	36.150	27.444	29.959	36.642
11/27/12 16:40	38.710	38.747	33.593	3/31/13 19:00	37.946	22.528	34.669	36.143	27.500	29.990	36.656
11/27/12 17:00	38.699	38.707	33.649	3/31/13 20:00	37.944	22.539	34.771	36.150	27.460	30.067	36.742
11/27/12 17:20	38.491	38.406	33.609	3/31/13 21:00	37.932	22.528	34.690	36.147	27.411	30.011	36.698
11/27/12 17:40	38.451	38.340	33.712	3/31/13 22:00	37.941	22.516	34.594	36.136	27.460	29.966	36.644
11/27/12 18:00	38.416	38.305	33.604	3/31/13 23:00	37.958	22.521	34.727	36.145	27.474	29.987	36.649
11/27/12 18:20	38.391	38.277	33.576	4/1/13 0:00	37.971	22.539	34.741	36.159	27.476	30.032	36.696
11/27/12 18:40	38.391	38.280	33.668	4/1/13 1:00	38.065	22.558	34.697	36.171	27.542	30.027	36.679
11/27/12 19:00	38.374	38.261	33.583	4/1/13 2:00	38.116	22.632	34.743	36.250	27.577	30.062	36.691
11/27/12 19:20	38.374	38.259	33.565	4/1/13 3:00	38.158	22.670	34.727	36.294	27.607	30.109	36.714
11/27/12 19:40	38.384	38.268	33.553	4/1/13 4:00	38.190	22.707	34.734	36.327	27.633	30.128	36.733
11/27/12 20:00	38.386	38.268	33.548	4/1/13 5:00	38.209	22.728	34.753	36.355	27.663	30.153	36.749
11/27/12 20:20	38.405	38.289	33.609	4/1/13 6:00	38.221	22.740	34.790	36.371	27.682	30.191	36.789
11/27/12 20:40	38.479	38.366	34.151	4/1/13 7:00	38.244	22.761	34.797	36.381	27.708	30.200	36.801
11/27/12 21:00	38.482	38.371	33.940	4/1/13 8:00	38.239	22.782	34.820	36.402	27.715	30.226	36.820
11/27/12 21:20	38.542	38.429	34.388	4/1/13 9:00	38.242	22.784	34.827	36.399	27.743	30.235	36.829
11/27/12 21:40	38.572	38.466	34.299	4/1/13 10:00	38.235	22.796	34.860	36.402	27.752	30.265	36.864
11/27/12 22:00	38.554	38.450	33.961	4/1/13 11:00	38.216	22.796	34.878	36.409	27.743	30.277	36.885
11/27/12 22:20	38.538	38.431	33.930	4/1/13 12:00	38.204	22.793	34.862	36.413	27.768	30.270	36.883
11/27/12 22:40	38.507	38.399	33.773	4/1/13 13:00	38.183	22.798	34.925	36.420	27.745	30.268	36.892
11/27/12 23:00	38.510	38.399	33.862	4/1/13 14:00	38.148	22.789	34.872	36.357	27.724	30.277	36.899
11/27/12 23:20	38.505	38.396	33.806	4/1/13 15:00	38.102	22.772	34.867	36.325	27.687	30.268	36.899
11/27/12 23:40	38.493	38.380	33.940	4/1/13 16:00	38.072	22.751	34.825	36.287	27.663	30.226	36.871
11/28/12 0:00	38.503	38.394	33.996	4/1/13 17:00	38.051	22.737	34.813	36.264	27.670	30.198	36.848
11/28/12 0:20	38.489	38.378	33.748	4/1/13 18:00	38.041	22.728	34.860	36.243	27.649	30.188	36.838
11/28/12 0:40	38.472	38.361	33.701	4/1/13 19:00	38.039	22.730	34.846	36.236	27.652	30.179	36.824
11/28/12 1:00	38.463	38.352	33.677	4/1/13 20:00	38.046	22.737	34.848	36.234	27.757	30.177	36.817
11/28/12 1:20	38.477	38.368	33.773	4/1/13 21:00	38.076	22.754	35.090	36.243	27.752	30.291	36.918
11/28/12 1:40	38.463	38.354	33.691	4/1/13 22:00	38.104	22.793	34.983	36.269	27.726	30.298	36.937
11/28/12 2:00	38.454	38.340	33.665	4/1/13 23:00	38.097	22.802	34.885	36.292	27.722	30.282	36.890
11/28/12 2:20	38.444	38.331	33.651	4/2/13 0:00	38.072	22.803	34.881	36.285	27.687	30.272	36.871

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/28/12 2:40	38.437	38.324	33.640	4/2/13 1:00	38.086	22.784	34.827	36.262	27.701	30.228	36.841
11/28/12 3:00	38.435	38.322	33.635	4/2/13 2:00	38.079	22.803	34.841	36.276	27.698	30.240	36.845
11/28/12 3:20	38.430	38.315	33.630	4/2/13 3:00	38.097	22.800	34.851	36.266	27.708	30.247	36.848
11/28/12 3:40	38.426	38.310	33.621	4/2/13 4:00	38.083	22.821	34.851	36.285	27.689	30.251	36.855
11/28/12 4:00	38.423	38.308	33.616	4/2/13 5:00	38.072	22.814	34.820	36.271	27.666	30.223	36.834
11/28/12 4:20	38.419	38.303	33.614	4/2/13 6:00	38.060	22.796	34.792	36.259	27.661	30.202	36.817
11/28/12 4:40	38.414	38.301	33.609	4/2/13 7:00	38.072	22.807	34.785	36.252	27.661	30.186	36.808
11/28/12 5:00	38.409	38.294	33.602	4/2/13 8:00	38.095	22.812	34.783	36.262	27.701	30.188	36.803
11/28/12 5:20	38.409	38.291	33.597	4/2/13 9:00	38.100	22.842	34.846	36.266	27.689	30.200	36.817
11/28/12 5:40	38.407	38.291	33.595	4/2/13 10:00	38.097	22.845	34.811	36.271	27.680	30.216	36.824
11/28/12 6:00	38.407	38.294	33.595	4/2/13 11:00	38.093	22.842	34.802	36.290	27.684	30.207	36.820
11/28/12 6:20	38.407	38.289	33.593	4/2/13 12:00	38.083	22.842	34.813	36.327	27.715	30.219	36.831
11/28/12 6:40	38.423	38.310	33.649	4/2/13 13:00	38.072	22.831	34.937	36.362	27.708	30.254	36.864
11/28/12 7:00	38.419	38.303	33.618	4/2/13 14:00	38.055	22.826	34.890	36.262	27.670	30.265	36.894
11/28/12 7:20	38.419	38.303	33.611	4/2/13 15:00	38.032	22.819	34.823	36.245	27.638	30.212	36.857
11/28/12 7:40	38.423	38.308	33.607	4/2/13 16:00	38.013	22.803	34.781	36.229	27.638	30.179	36.824
11/28/12 8:00	38.423	38.310	33.607	4/2/13 17:00	37.997	22.789	34.818	36.210	27.619	30.153	36.806
11/28/12 8:20	38.419	38.303	33.604	4/2/13 18:00	37.997	22.775	34.776	36.199	27.624	30.163	36.813
11/28/12 8:40	38.421	38.303	33.607	4/2/13 19:00	38.009	22.775	34.799	36.199	27.619	30.181	36.834
11/28/12 9:00	38.421	38.305	33.604	4/2/13 20:00	38.011	22.793	34.778	36.208	27.645	30.167	36.813
11/28/12 9:20	38.421	38.305	33.604	4/2/13 21:00	38.018	22.786	34.897	36.208	27.680	30.177	36.815
11/28/12 9:40	38.421	38.305	33.604	4/2/13 22:00	38.039	22.796	34.918	36.217	27.659	30.233	36.878
11/28/12 10:00	38.421	38.305	33.604	4/2/13 23:00	38.053	22.810	34.830	36.231	27.668	30.212	36.848
11/28/12 10:20	38.423	38.308	33.600	4/3/13 0:00	38.072	22.821	34.834	36.248	27.689	30.223	36.843
11/28/12 10:40	38.421	38.303	33.600	4/3/13 1:00	38.076	22.840	34.883	36.259	27.666	30.212	36.829
11/28/12 11:00	38.419	38.303	33.597	4/3/13 2:00	38.079	22.833	34.806	36.264	27.668	30.205	36.817
11/28/12 11:20	38.426	38.305	33.748	4/3/13 3:00	38.074	22.840	34.813	36.266	27.652	30.214	36.817
11/28/12 11:40	38.440	38.324	33.661	4/3/13 4:00	38.055	22.831	34.788	36.259	27.633	30.186	36.801
11/28/12 12:00	38.428	38.312	33.623	4/3/13 5:00	38.069	22.819	34.764	36.245	27.642	30.163	36.785
11/28/12 12:20	38.419	38.305	33.607	4/3/13 6:00	38.074	22.842	34.767	36.259	27.638	30.163	36.782
11/28/12 12:40	38.409	38.294	33.590	4/3/13 7:00	38.086	22.842	34.762	36.259	27.642	30.163	36.780
11/28/12 13:00	38.395	38.284	33.576	4/3/13 8:00	38.102	22.849	34.764	36.271	27.661	30.172	36.785
11/28/12 13:20	38.386	38.272	33.560	4/3/13 9:00	38.111	22.872	34.778	36.285	27.670	30.181	36.794
11/28/12 13:40	38.379	38.265	33.550	4/3/13 10:00	38.123	22.875	34.788	36.292	27.680	30.188	36.808

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/28/12 14:00	38.395	38.284	33.670	4/3/13 11:00	38.128	22.889	34.795	36.304	27.684	30.202	36.815
11/28/12 14:20	38.377	38.265	33.569	4/3/13 12:00	38.114	22.886	34.799	36.306	27.677	30.205	36.822
11/28/12 14:40	38.367	38.254	33.539	4/3/13 13:00	38.100	22.877	34.795	36.294	27.677	30.198	36.820
11/28/12 15:00	38.381	38.315	33.520	4/3/13 14:00	38.076	22.868	34.825	36.285	27.656	30.198	36.827
11/28/12 15:20	38.510	38.488	33.506	4/3/13 15:00	38.060	22.849	34.795	36.262	27.640	30.198	36.834
11/28/12 15:40	38.561	38.462	33.574	4/3/13 16:00	38.039	22.842	34.774	36.250	27.624	30.170	36.815
11/28/12 16:00	38.461	38.403	33.522	4/3/13 17:00	38.025	22.824	34.771	36.234	27.647	30.165	36.810
11/28/12 16:20	38.398	38.298	33.506	4/3/13 18:00	38.020	22.814	34.848	36.220	27.628	30.174	36.834
11/28/12 16:40	38.388	38.312	33.489	4/3/13 19:00	38.023	22.812	34.813	36.217	27.659	30.174	36.838
11/28/12 17:00	38.391	38.343	33.480	4/3/13 20:00	38.030	22.819	34.883	36.220	27.661	30.198	36.852
11/28/12 17:20	38.405	38.247	33.529	4/3/13 21:00	38.039	22.819	34.853	36.227	27.691	30.226	36.873
11/28/12 17:40	38.330	38.216	33.489	4/3/13 22:00	38.058	22.821	34.911	36.234	27.666	30.256	36.897
11/28/12 18:00	38.332	38.219	33.576	4/3/13 23:00	38.053	22.838	34.825	36.250	27.652	30.212	36.850
11/28/12 18:20	38.330	38.219	33.541	4/4/13 0:00	38.048	22.828	34.846	36.245	27.633	30.184	36.813
11/28/12 18:40	38.332	38.216	33.489	4/4/13 1:00	38.030	22.821	34.781	36.241	27.619	30.177	36.803
11/28/12 19:00	38.356	38.237	33.475	4/4/13 2:00	38.016	22.800	34.776	36.224	27.588	30.163	36.787
11/28/12 19:20	38.370	38.249	33.468	4/4/13 3:00	38.020	22.791	34.729	36.208	27.591	30.128	36.761
11/28/12 19:40	38.374	38.256	33.464	4/4/13 4:00	38.009	22.793	34.741	36.215	27.572	30.139	36.761
11/28/12 20:00	38.377	38.259	33.464	4/4/13 5:00	38.004	22.782	34.720	36.203	27.558	30.118	36.752
11/28/12 20:20	38.377	38.256	33.457	4/4/13 6:00	38.006	22.777	34.699	36.201	27.553	30.095	36.733
11/28/12 20:40	38.377	38.259	33.454	4/4/13 7:00	38.016	22.777	34.690	36.201	27.551	30.085	36.721
11/28/12 21:00	38.381	38.263	33.454	4/4/13 8:00	38.020	22.779	34.680	36.210	27.560	30.083	36.719
11/28/12 21:20	38.400	38.284	33.522	4/4/13 9:00	38.025	22.779	34.701	36.213	27.544	30.097	36.735
11/28/12 21:40	38.393	38.275	33.485	4/4/13 10:00	38.013	22.772	34.680	36.215	27.537	30.085	36.724
11/28/12 22:00	38.388	38.270	33.473	4/4/13 11:00	38.016	22.770	34.671	36.208	27.584	30.069	36.714
11/28/12 22:20	38.381	38.263	33.464	4/4/13 12:00	38.020	22.763	34.792	36.208	27.607	30.102	36.752
11/28/12 22:40	38.377	38.256	33.452	4/4/13 13:00	37.999	22.761	34.834	36.213	27.567	30.177	36.820
11/28/12 23:00	38.372	38.254	33.447	4/4/13 14:00	37.981	22.735	34.757	36.194	27.532	30.132	36.803
11/28/12 23:20	38.365	38.247	33.440	4/4/13 15:00	37.962	22.714	34.734	36.180	27.532	30.092	36.761
11/28/12 23:40	38.363	38.242	33.433	4/4/13 16:00	37.941	22.700	34.783	36.161	27.537	30.057	36.738
11/29/12 0:00	38.402	38.286	33.759	4/4/13 17:00	37.939	22.679	34.799	36.145	27.528	30.111	36.785
11/29/12 0:20	38.456	38.347	33.884	4/4/13 18:00	37.946	22.681	34.767	36.145	27.525	30.081	36.763
11/29/12 0:40	38.519	38.413	34.280	4/4/13 19:00	37.958	22.677	34.785	36.150	27.556	30.088	36.752
11/29/12 1:00	38.498	38.394	33.832	4/4/13 20:00	37.967	22.684	34.809	36.161	27.537	30.125	36.796

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/29/12 1:20	38.465	38.359	33.698	4/4/13 21:00	37.988	22.688	34.757	36.168	27.546	30.118	36.775
11/29/12 1:40	38.456	38.347	33.752	4/4/13 22:00	38.009	22.695	34.764	36.185	27.528	30.085	36.752
11/29/12 2:00	38.444	38.338	33.682	4/4/13 23:00	38.023	22.702	34.699	36.203	27.518	30.078	36.724
11/29/12 2:20	38.433	38.322	33.682	4/5/13 0:00	38.025	22.705	34.671	36.213	27.511	30.062	36.698
11/29/12 2:40	38.426	38.317	33.637	4/5/13 1:00	38.030	22.698	34.655	36.215	27.504	30.050	36.686
11/29/12 3:00	38.421	38.312	33.834	4/5/13 2:00	38.020	22.700	34.646	36.217	27.486	30.041	36.675
11/29/12 3:20	38.407	38.296	33.602	4/5/13 3:00	38.006	22.688	34.627	36.208	27.472	30.025	36.661
11/29/12 3:40	38.384	38.272	33.536	4/5/13 4:00	38.018	22.679	34.611	36.196	27.472	30.006	36.651
11/29/12 4:00	38.367	38.254	33.501	4/5/13 5:00	38.025	22.684	34.608	36.208	27.472	30.006	36.647
11/29/12 4:20	38.349	38.235	33.475	4/5/13 6:00	38.018	22.679	34.611	36.213	27.469	30.006	36.649
11/29/12 4:40	38.330	38.216	33.452	4/5/13 7:00	38.016	22.677	34.615	36.208	27.460	30.008	36.658
11/29/12 5:00	38.316	38.200	33.429	4/5/13 8:00	38.025	22.670	34.606	36.206	27.467	29.997	36.654
11/29/12 5:20	38.328	38.214	33.492	4/5/13 9:00	38.006	22.674	34.606	36.215	27.444	29.999	36.656
11/29/12 5:40	38.314	38.200	33.440	4/5/13 10:00	38.004	22.649	34.587	36.196	27.437	29.980	36.647
11/29/12 6:00	38.302	38.188	33.417	4/5/13 11:00	37.983	22.642	34.578	36.194	27.423	29.973	36.642
11/29/12 6:20	38.297	38.181	33.405	4/5/13 12:00	37.955	22.623	34.573	36.175	27.397	29.969	36.644
11/29/12 6:40	38.288	38.174	33.393	4/5/13 13:00	37.918	22.588	34.618	36.164	27.364	29.938	36.640
11/29/12 7:00	38.283	38.165	33.386	4/5/13 14:00	37.881	22.544	34.564	36.138	27.320	29.926	36.663
11/29/12 7:20	38.279	38.165	33.379	4/5/13 15:00	37.839	22.516	34.501	36.096	27.261	29.880	36.616
11/29/12 7:40	38.281	38.165	33.372	4/5/13 16:00	37.815	22.467	34.441	36.059	27.236	29.821	36.544
11/29/12 8:00	38.281	38.163	33.370	4/5/13 17:00	37.806	22.439	34.452	36.035	27.203	29.777	36.497
11/29/12 8:20	38.281	38.163	33.368	4/5/13 18:00	37.799	22.430	34.382	36.028	27.175	29.758	36.473
11/29/12 8:40	38.281	38.163	33.365	4/5/13 19:00	37.801	22.418	34.366	36.021	27.161	29.728	36.441
11/29/12 9:00	38.279	38.160	33.360	4/5/13 20:00	37.785	22.399	34.340	36.021	27.205	29.718	36.434
11/29/12 9:20	38.279	38.160	33.360	4/5/13 21:00	37.792	22.379	34.508	36.003	27.212	29.725	36.464
11/29/12 9:40	38.281	38.163	33.363	4/5/13 22:00	37.825	22.376	34.496	36.012	27.240	29.796	36.544
11/29/12 10:00	38.279	38.163	33.363	4/5/13 23:00	37.839	22.395	34.562	36.040	27.278	29.833	36.553
11/29/12 10:20	38.279	38.163	33.363	4/6/13 0:00	37.818	22.372	34.657	36.052	27.240	29.884	36.611
11/29/12 10:40	38.290	38.177	33.426	4/6/13 1:00	37.836	22.351	34.557	36.033	27.205	29.817	36.558
11/29/12 11:00	38.281	38.165	33.398	4/6/13 2:00	37.836	22.339	34.496	36.049	27.177	29.782	36.504
11/29/12 11:20	38.272	38.156	33.520	4/6/13 3:00	37.843	22.341	34.417	36.047	27.159	29.742	36.455
11/29/12 11:40	38.276	38.163	33.426	4/6/13 4:00	37.864	22.320	34.408	36.052	27.161	29.735	36.438
11/29/12 12:00	38.279	38.163	33.611	4/6/13 5:00	37.855	22.332	34.357	36.070	27.133	29.716	36.417
11/29/12 12:20	38.272	38.158	33.424	4/6/13 6:00	37.855	22.295	34.334	36.059	27.116	29.697	36.401

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/29/12 12:40	38.258	38.146	33.393	4/6/13 7:00	37.904	22.299	34.303	36.059	27.140	29.667	36.375
11/29/12 13:00	38.244	38.130	33.377	4/6/13 8:00	37.951	22.337	34.313	36.103	27.180	29.683	36.378
11/29/12 13:20	38.232	38.116	33.356	4/6/13 9:00	37.992	22.383	34.341	36.140	27.205	29.707	36.396
11/29/12 13:40	38.232	38.116	33.593	4/6/13 10:00	38.020	22.400	34.361	36.175	27.226	29.735	36.415
11/29/12 14:00	38.227	38.114	33.384	4/6/13 11:00	38.037	22.413	34.378	36.199	27.261	29.756	36.438
11/29/12 14:20	38.209	38.097	33.346	4/6/13 12:00	38.041	22.416	34.485	36.213	27.275	29.770	36.464
11/29/12 14:40	38.206	38.088	33.555	4/6/13 13:00	38.027	22.404	34.466	36.220	27.289	29.835	36.539
11/29/12 15:00	38.206	38.095	33.358	4/6/13 14:00	38.016	22.388	34.545	36.206	27.317	29.807	36.525
11/29/12 15:20	38.197	38.081	33.323	4/6/13 15:00	38.011	22.374	34.618	36.196	27.353	29.875	36.590
11/29/12 15:40	38.218	38.104	33.384	4/6/13 16:00	38.016	22.374	34.646	36.192	27.334	29.926	36.640
11/29/12 16:00	38.209	38.093	33.541	4/6/13 17:00	38.023	22.381	34.606	36.199	27.381	29.884	36.602
11/29/12 16:20	38.230	38.116	33.513	4/6/13 18:00	38.039	22.392	34.701	36.206	27.371	29.948	36.647
11/29/12 16:40	38.251	38.137	33.696	4/6/13 19:00	38.051	22.409	34.606	36.220	27.367	29.950	36.658
11/29/12 17:00	38.251	38.139	33.541	4/6/13 20:00	38.037	22.418	34.571	36.231	27.364	29.931	36.628
11/29/12 17:20	38.230	38.116	33.407	4/6/13 21:00	38.044	22.409	34.608	36.217	27.350	29.912	36.607
11/29/12 17:40	38.230	38.118	33.473	4/6/13 22:00	38.058	22.416	34.536	36.224	27.364	29.903	36.595
11/29/12 18:00	38.216	38.100	33.379	4/6/13 23:00	38.060	22.435	34.541	36.236	27.367	29.912	36.597
11/29/12 18:20	38.209	38.095	33.353	4/7/13 0:00	38.055	22.435	34.543	36.241	27.360	29.917	36.600
11/29/12 18:40	38.199	38.086	33.337	4/7/13 1:00	38.055	22.432	34.525	36.234	27.355	29.901	36.581
11/29/12 19:00	38.197	38.081	33.330	4/7/13 2:00	38.051	22.430	34.515	36.234	27.383	29.894	36.569
11/29/12 19:20	38.192	38.076	33.323	4/7/13 3:00	38.037	22.432	34.583	36.229	27.364	29.908	36.588
11/29/12 19:40	38.206	38.090	33.539	4/7/13 4:00	38.023	22.416	34.590	36.215	27.336	29.894	36.572
11/29/12 20:00	38.232	38.116	33.558	4/7/13 5:00	38.002	22.404	34.503	36.206	27.324	29.884	36.565
11/29/12 20:20	38.258	38.146	33.525	4/7/13 6:00	37.997	22.393	34.499	36.187	27.310	29.877	36.555
11/29/12 20:40	38.297	38.191	33.640	4/7/13 7:00	37.999	22.386	34.471	36.185	27.331	29.854	36.534
11/29/12 21:00	38.314	38.207	33.637	4/7/13 8:00	38.020	22.402	34.513	36.185	27.360	29.854	36.544
11/29/12 21:20	38.286	38.174	33.501	4/7/13 9:00	38.004	22.414	34.576	36.206	27.315	29.868	36.553
11/29/12 21:40	38.290	38.179	33.520	4/7/13 10:00	37.992	22.392	34.487	36.189	27.313	29.868	36.558
11/29/12 22:00	38.295	38.186	33.536	4/7/13 11:00	37.983	22.388	34.494	36.180	27.327	29.868	36.558
11/29/12 22:20	38.302	38.186	33.766	4/7/13 12:00	37.969	22.383	34.536	36.173	27.350	29.861	36.565
11/29/12 22:40	38.337	38.228	33.743	4/7/13 13:00	37.944	22.369	34.594	36.161	27.313	29.943	36.644
11/29/12 23:00	38.309	38.198	33.534	4/7/13 14:00	37.918	22.344	34.557	36.138	27.320	29.856	36.586
11/29/12 23:20	38.311	38.202	33.590	4/7/13 15:00	37.890	22.320	34.639	36.119	27.296	29.859	36.581
11/29/12 23:40	38.309	38.195	33.722	4/7/13 16:00	37.864	22.288	34.576	36.094	27.217	29.912	36.616

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/30/12 0:00	38.295	38.184	33.494	4/7/13 17:00	37.848	22.257	34.436	36.070	27.222	29.798	36.520
11/30/12 0:20	38.281	38.167	33.457	4/7/13 18:00	37.839	22.248	34.525	36.054	27.180	29.756	36.480
11/30/12 0:40	38.276	38.163	33.436	4/7/13 19:00	37.871	22.232	34.399	36.047	27.292	29.758	36.471
11/30/12 1:00	38.346	38.247	33.691	4/7/13 20:00	37.902	22.285	34.674	36.077	27.315	29.798	36.502
11/30/12 1:20	38.304	38.195	33.482	4/7/13 21:00	37.937	22.295	34.629	36.103	27.296	29.901	36.609
11/30/12 1:40	38.297	38.177	33.452	4/7/13 22:00	37.946	22.318	34.552	36.133	27.271	29.889	36.593
11/30/12 2:00	38.297	38.186	33.522	4/7/13 23:00	37.953	22.320	34.478	36.140	27.264	29.831	36.534
11/30/12 2:20	38.288	38.172	33.452	4/8/13 0:00	37.967	22.316	34.466	36.143	27.254	29.828	36.516
11/30/12 2:40	38.272	38.158	33.424	4/8/13 1:00	37.971	22.325	34.434	36.157	27.247	29.805	36.492
11/30/12 3:00	38.260	38.144	33.407	4/8/13 2:00	37.969	22.323	34.417	36.159	27.247	29.791	36.476
11/30/12 3:20	38.251	38.137	33.393	4/8/13 3:00	37.962	22.313	34.436	36.154	27.231	29.805	36.476
11/30/12 3:40	38.246	38.132	33.386	4/8/13 4:00	37.964	22.295	34.408	36.150	27.222	29.784	36.469
11/30/12 4:00	38.241	38.128	33.379	4/8/13 5:00	37.967	22.292	34.387	36.152	27.212	29.765	36.450
11/30/12 4:20	38.239	38.125	33.377	4/8/13 6:00	37.946	22.285	34.382	36.154	27.208	29.768	36.448
11/30/12 4:40	38.241	38.125	33.379	4/8/13 7:00	37.955	22.290	34.371	36.133	27.212	29.737	36.436
11/30/12 5:00	38.241	38.123	33.379	4/8/13 8:00	37.969	22.283	34.434	36.143	27.236	29.735	36.429
11/30/12 5:20	38.239	38.123	33.379	4/8/13 9:00	37.995	22.306	34.431	36.157	27.254	29.758	36.462
11/30/12 5:40	38.239	38.123	33.379	4/8/13 10:00	37.985	22.325	34.438	36.178	27.229	29.789	36.485
11/30/12 6:00	38.237	38.121	33.377	4/8/13 11:00	37.992	22.297	34.399	36.168	27.254	29.772	36.478
11/30/12 6:20	38.239	38.121	33.377	4/8/13 12:00	37.983	22.311	34.443	36.175	27.280	29.807	36.506
11/30/12 6:40	38.241	38.125	33.377	4/8/13 13:00	37.962	22.297	34.525	36.166	27.261	29.826	36.525
11/30/12 7:00	38.244	38.128	33.382	4/8/13 14:00	37.941	22.274	34.429	36.150		29.796	36.513
11/30/12 7:20	38.248	38.130	33.382	4/8/13 15:00	37.920	22.250	34.518	36.133		29.800	36.537
11/30/12 7:40	38.255	38.137	33.386	4/8/13 16:00	37.904	22.229	34.443	36.115		29.798	36.516
11/30/12 8:00	38.272	38.156	33.450	4/8/13 17:00	37.897	22.218	34.406	36.103		29.765	36.483
11/30/12 8:20	38.272	38.153	33.417	4/8/13 18:00	37.902	22.208	34.352	36.094		29.716	36.429
11/30/12 8:40	38.272	38.156	33.414	4/8/13 19:00	37.911	22.222	34.420	36.098		29.723	36.424
11/30/12 9:00	38.274	38.158	33.414	4/8/13 20:00	37.932	22.232	34.534	36.103		29.765	36.478
11/30/12 9:20	38.279	38.160	33.414	4/8/13 21:00	37.939	22.239	34.504	36.124		29.791	36.506
11/30/12 9:40	38.283	38.163	33.414	4/8/13 22:00	37.969	22.241	34.422	36.129		29.777	36.495
11/30/12 10:00	38.283	38.165	33.412	4/8/13 23:00	37.946	22.264	34.422	36.154		29.786	36.490
11/30/12 10:20	38.288	38.170	33.414	4/9/13 0:00	37.920	22.234	34.375	36.136		29.744	36.452
11/30/12 10:40	38.503	38.462	33.412	4/9/13 1:00	37.906	22.204	34.338	36.110		29.709	36.429
11/30/12 11:00	38.601	38.621	33.421	4/9/13 2:00	37.874	22.180	34.359	36.098		29.683	36.403

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/30/12 11:20	38.370	38.261	33.494	4/9/13 3:00	37.871	22.171	34.296	36.073		29.658	36.387
11/30/12 11:40	38.339	38.223	33.454	4/9/13 4:00	37.888	22.169	34.266	36.068		29.634	36.357
11/30/12 12:00	38.325	38.212	33.445	4/9/13 5:00	37.911	22.183	34.259	36.084		29.632	36.343
11/30/12 12:20	38.316	38.200	33.436	4/9/13 6:00	37.981	22.204	34.271	36.101		29.632	36.345
11/30/12 12:40	38.309	38.193	33.429	4/9/13 7:00	38.034	22.276	34.308	36.159		29.672	36.368
11/30/12 13:00	38.302	38.188	33.419	4/9/13 8:00	38.053	22.309	34.340	36.206		29.721	36.396
11/30/12 13:20	38.295	38.179	33.407	4/9/13 9:00	38.067	22.330	34.366	36.222		29.742	36.424
11/30/12 13:40	38.283	38.167	33.400	4/9/13 10:00	38.107	22.355	34.396	36.236		29.760	36.452
11/30/12 14:00	38.288	38.174	33.450	4/9/13 11:00	38.144	22.393	34.492	36.269		29.819	36.511
11/30/12 14:20	38.272	38.156	33.400	4/9/13 12:00	38.183	22.421	34.615	36.301		29.882	36.583
11/30/12 14:40	38.258	38.142	33.382	4/9/13 13:00	38.169	22.455	34.627	36.339		29.957	36.651
11/30/12 15:00	38.248	38.135	33.368	4/9/13 14:00	38.167	22.437	34.604	36.327		29.971	36.658
11/30/12 15:20	38.262	38.149	33.431	4/9/13 15:00	38.183	22.444	34.580	36.327		29.955	36.642
11/30/12 15:40	38.328	38.137	33.377	4/9/13 16:00	38.179	22.465	34.627	36.339		29.999	36.677
11/30/12 16:00	38.316	38.170	33.356	4/9/13 17:00	38.181	22.455	34.615	36.339		30.001	36.663
11/30/12 16:20	38.302	38.207	33.346	4/9/13 18:00	38.209	22.476	34.611	36.339		30.001	36.656
11/30/12 16:40	38.342	38.240	33.576	4/9/13 19:00	38.218	22.535	34.643	36.364		30.025	36.672
11/30/12 17:00	38.288	38.174	33.389	4/9/13 20:00	38.190	22.535	34.653	36.362		30.053	36.684
11/30/12 17:20	38.304	38.186	33.717	4/9/13 21:00	38.253	22.521	34.690	36.320		30.046	36.703
11/30/12 17:40	38.311	38.200	33.553	4/9/13 22:00	38.258	22.593	34.706	36.283		30.069	36.735
11/30/12 18:00	38.276	38.163	33.433	4/9/13 23:00	38.253	22.619	34.723	36.241		30.102	36.756
11/30/12 18:20	38.269	38.153	33.633	4/10/13 0:00	38.207	22.546	34.701	36.215		30.125	36.742
11/30/12 18:40	38.265	38.151	33.424	4/10/13 1:00	38.165	22.570	34.715	36.194		30.125	36.766
11/30/12 19:00	38.246	38.132	33.386	4/10/13 2:00	38.165	22.528	34.685	36.175		30.099	36.752
11/30/12 19:20	38.232	38.116	33.360	4/10/13 3:00	38.137	22.644	34.744	36.159		30.099	36.782
11/30/12 19:40	38.225	38.111	33.349	4/10/13 4:00	38.128	22.549	34.690	36.301		30.106	36.747
11/30/12 20:00	38.223	38.107	33.342	4/10/13 5:00	38.135	22.523	34.667	36.297		30.083	36.726
11/30/12 20:20	38.246	38.132	33.489	4/10/13 6:00	38.128	22.607	34.697	36.308		30.078	36.742
11/30/12 20:40	38.304	38.191	33.961	4/10/13 7:00	38.139	22.595	34.695	36.299		30.104	36.731
11/30/12 21:00	38.370	38.261	34.123	4/10/13 8:00	38.128	22.579	34.678	36.313		30.095	36.728
11/30/12 21:20	38.374	38.273	33.891	4/10/13 9:00	38.100	22.616	34.699	36.301		30.102	36.742
11/30/12 21:40	38.402	38.298	34.095	4/10/13 10:00	38.118	22.607	34.695	36.276		30.085	36.738
11/30/12 22:00	38.374	38.272	33.736	4/10/13 11:00	38.118	22.628	34.725	36.292		30.120	36.761
11/30/12 22:20	38.328	38.221	33.562	4/10/13 12:00	38.123	22.640	34.727	36.292		30.111	36.768

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/30/12 22:40	38.323	38.214	33.618	4/10/13 13:00	38.090	22.623	34.713	36.297		30.123	36.766
11/30/12 23:00	38.309	38.198	33.689	4/10/13 14:00	38.072	22.614	34.746	36.266		30.109	36.773
11/30/12 23:20	38.286	38.174	33.482	4/10/13 15:00	38.034	22.602	34.699	36.252		30.095	36.756
11/30/12 23:40	38.286	38.174	33.539	4/10/13 16:00	37.988	22.577	34.664	36.220		30.062	36.726
12/1/12 0:00	38.265	38.153	33.440	4/10/13 17:00	38.002	22.551	34.767	36.180		30.043	36.712
12/1/12 0:20	38.248	38.135	33.414	4/10/13 18:00	37.992	22.570	35.018	36.194		30.223	36.892
12/1/12 0:40	38.253	38.142	33.443	4/10/13 19:00	37.979	22.565	35.023	36.187		30.237	36.925
12/1/12 1:00	38.234	38.123	33.396	4/10/13 20:00	37.988	22.553	34.939	36.173		30.216	36.906
12/1/12 1:20	38.223	38.109	33.368	4/10/13 21:00	38.002	22.560	34.862	36.185		30.205	36.864
12/1/12 1:40	38.225	38.114	33.405	4/10/13 22:00	38.027	22.579	34.804	36.196		30.167	36.820
12/1/12 2:00	38.206	38.097	33.358	4/10/13 23:00	38.039	22.612	34.753	36.217		30.128	36.768
12/1/12 2:20	38.197	38.083	33.337	4/11/13 0:00	38.020	22.602	34.720	36.222		30.109	36.742
12/1/12 2:40	38.204	38.093	33.398	4/11/13 1:00	38.011	22.595	34.692	36.208		30.076	36.719
12/1/12 3:00	38.188	38.074	33.335	4/11/13 2:00	37.995	22.584	34.667	36.201		30.057	36.703
12/1/12 3:20	38.174	38.060	33.309	4/11/13 3:00	37.951	22.567	34.660	36.185		30.048	36.696
12/1/12 3:40	38.185	38.072	33.391	4/11/13 4:00	37.920	22.523	34.627	36.145		30.015	36.672
12/1/12 4:00	38.167	38.053	33.314	4/11/13 5:00	37.923	22.488	34.566	36.119		29.957	36.625
12/1/12 4:20	38.153	38.041	33.290	4/11/13 6:00	37.946	22.518	34.557	36.122		29.936	36.602
12/1/12 4:40	38.141	38.030	33.269	4/11/13 7:00	37.948	22.518	34.543	36.140		29.940	36.588
12/1/12 5:00	38.134	38.020	33.257	4/11/13 8:00	37.958	22.521	34.534	36.140		29.922	36.576
12/1/12 5:20	38.120	38.006	33.241	4/11/13 9:00	37.955	22.518	34.527	36.150		29.922	36.576
12/1/12 5:40	38.111	37.997	33.224	4/11/13 10:00	37.946	22.514	34.636	36.145		29.912	36.588
12/1/12 6:00	38.104	37.987	33.215	4/11/13 11:00	37.951	22.500	34.741	36.140		29.973	36.656
12/1/12 6:20	38.094	37.978	33.203	4/11/13 12:00	37.939	22.498	34.802	36.145		30.071	36.754
12/1/12 6:40	38.092	37.976	33.201	4/11/13 13:00	37.927	22.488	34.741	36.131		30.018	36.721
12/1/12 7:00	38.104	37.992	33.257	4/11/13 14:00	37.934	22.470	34.669	36.124		30.018	36.700
12/1/12 7:20	38.101	37.985	33.220	4/11/13 15:00	37.930	22.472	34.664	36.131		30.018	36.696
12/1/12 7:40	38.104	37.987	33.210	4/11/13 16:00	37.923	22.460	34.620	36.126		29.987	36.656
12/1/12 8:00	38.099	37.985	33.206	4/11/13 17:00	37.925	22.451	34.660	36.122		29.959	36.642
12/1/12 8:20	38.090	37.973	33.192	4/11/13 18:00	37.944	22.448	34.636	36.124		29.959	36.647
12/1/12 8:40	38.095	37.976	33.321	4/11/13 19:00	37.976	22.470	34.571	36.143		29.940	36.618
12/1/12 9:00	38.108	37.992	33.239	4/11/13 20:00	37.990	22.491	34.578	36.166		29.952	36.609
12/1/12 9:20	38.104	37.987	33.217	4/11/13 21:00	38.018	22.502	34.592	36.178		29.969	36.618
12/1/12 9:40	38.099	37.983	33.208	4/11/13 22:00	38.044	22.521	34.592	36.201		29.971	36.623

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/1/12 10:00	38.106	37.987	33.206	4/11/13 23:00	38.058	22.537	34.587	36.224		29.966	36.618
12/1/12 10:20	38.113	37.994	33.206	4/12/13 0:00	38.072	22.551	34.592	36.236		29.971	36.628
12/1/12 10:40	38.120	38.004	33.213	4/12/13 1:00	38.086	22.551	34.597	36.248		29.980	36.635
12/1/12 11:00	38.118	37.999	33.208	4/12/13 2:00	38.088	22.553	34.597	36.259		29.987	36.640
12/1/12 11:20	38.118	38.001	33.210	4/12/13 3:00	38.079	22.567	34.608	36.262		29.992	36.649
12/1/12 11:40	38.120	38.004	33.213	4/12/13 4:00	38.067	22.553	34.599	36.252		29.987	36.644
12/1/12 12:00	38.136	38.020	33.274	4/12/13 5:00	38.086	22.565	34.599	36.243		29.978	36.644
12/1/12 12:20	38.132	38.018	33.236	4/12/13 6:00	38.090	22.581	34.606	36.257		29.987	36.649
12/1/12 12:40	38.127	38.011	33.224	4/12/13 7:00	38.109	22.577	34.608	36.264		29.994	36.649
12/1/12 13:00	38.120	38.006	33.215	4/12/13 8:00	38.107	22.595	34.620	36.280		30.013	36.663
12/1/12 13:20	38.113	37.999	33.203	4/12/13 9:00	38.111	22.600	34.660	36.280		30.041	36.686
12/1/12 13:40	38.115	37.999	33.199	4/12/13 10:00	38.125	22.607	34.678	36.283		30.057	36.710
12/1/12 14:00	38.118	37.999	33.201	4/12/13 11:00	38.111	22.623	34.669	36.294		30.062	36.717
12/1/12 14:20	38.115	37.999	33.203	4/12/13 12:00	38.111	22.621	34.669	36.283		30.057	36.717
12/1/12 14:40	38.113	37.994	33.196	4/12/13 13:00	38.102	22.628	34.785	36.280		30.071	36.740
12/1/12 15:00	38.132	38.015	33.255	4/12/13 14:00	38.088	22.619	34.860	36.276		30.184	36.841
12/1/12 15:20	38.125	38.008	33.224	4/12/13 15:00	38.074	22.609	34.785	36.266		30.146	36.824
12/1/12 15:40	38.120	38.004	33.215	4/12/13 16:00	38.051	22.602	34.750	36.252		30.120	36.792
12/1/12 16:00	38.122	38.001	33.208	4/12/13 17:00	38.039	22.584	34.699	36.234		30.083	36.756
12/1/12 16:20	38.120	38.004	33.208	4/12/13 18:00	38.034	22.584	34.771	36.224		30.071	36.745
12/1/12 16:40	38.123	38.004	33.203	4/12/13 19:00	38.034	22.581	35.044	36.222		30.244	36.892
12/1/12 17:00	38.141	38.022	33.393	4/12/13 20:00	38.046	22.591	34.937	36.224		30.261	36.930
12/1/12 17:20	38.141	38.025	33.250	4/12/13 21:00	38.079	22.598	34.853	36.234		30.205	36.873
12/1/12 17:40	38.188	38.069	33.647	4/12/13 22:00	38.111	22.628	34.876	36.264		30.195	36.843
12/1/12 18:00	38.279	38.167	33.947	4/12/13 23:00	38.123	22.672	34.876	36.290		30.186	36.820
12/1/12 18:20	38.335	38.228	33.991	4/13/13 0:00	38.121	22.668	34.804	36.299		30.186	36.813
12/1/12 18:40	38.372	38.261	34.088	4/13/13 1:00	38.116	22.670	34.844	36.297		30.170	36.796
12/1/12 19:00	38.372	38.270	33.710	4/13/13 2:00	38.114	22.665	34.820	36.294		30.193	36.820
12/1/12 19:20	38.356	38.249	33.687	4/13/13 3:00	38.104	22.658	34.778	36.290		30.170	36.801
12/1/12 19:40	38.335	38.226	33.583	4/13/13 4:00	38.088	22.658	34.781	36.283		30.170	36.803
12/1/12 20:00	38.304	38.193	33.485	4/13/13 5:00	38.060	22.647	34.748	36.269		30.144	36.775
12/1/12 20:20	38.283	38.172	33.440	4/13/13 6:00	38.046	22.630	34.720	36.241		30.116	36.752
12/1/12 20:40	38.276	38.160	33.607	4/13/13 7:00	38.037	22.630	34.702	36.231		30.090	36.735
12/1/12 21:00	38.272	38.160	33.436	4/13/13 8:00	38.037	22.626	34.685	36.222		30.083	36.719

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/1/12 21:20	38.283	38.170	33.475	4/13/13 9:00	38.013	22.626	34.783	36.224		30.120	36.759
12/1/12 21:40	38.283	38.170	33.574	4/13/13 10:00	37.992	22.605	34.746	36.201		30.085	36.742
12/1/12 22:00	38.274	38.160	33.433	4/13/13 11:00	37.965	22.588	34.699	36.185		30.085	36.740
12/1/12 22:20	38.288	38.170	33.623	4/13/13 12:00	37.932	22.565	34.914	36.161		30.165	36.831
12/1/12 22:40	38.279	38.167	33.440	4/13/13 13:00	37.888	22.525	35.004	36.140		30.200	36.899
12/1/12 23:00	38.288	38.172	33.464	4/13/13 14:00	37.839	22.481	34.869	36.105		30.144	36.878
12/1/12 23:20	38.276	38.163	33.424	4/13/13 15:00	37.804	22.430	34.741	36.059		30.029	36.778
12/1/12 23:40	38.276	38.158	33.539	4/13/13 16:00	37.769	22.400	34.639	36.026		29.973	36.686
12/2/12 0:00	38.286	38.172	33.447	4/13/13 17:00	37.746	22.348	34.613	35.993		29.901	36.621
12/2/12 0:20	38.293	38.179	33.522	4/13/13 18:00	37.750	22.330	34.597	35.972		29.856	36.572
12/2/12 0:40	38.283	38.170	33.438	4/13/13 19:00	37.750	22.323	34.650	35.977		29.896	36.593
12/2/12 1:00	38.295	38.181	33.499	4/13/13 20:00	37.734	22.316	34.611	35.977		29.891	36.590
12/2/12 1:20	38.286	38.170	33.436	4/13/13 21:00	37.739	22.283	34.569	35.961		29.852	36.548
12/2/12 1:40	38.279	38.163	33.414	4/13/13 22:00	37.743	22.267	34.434	35.965		29.786	36.485
12/2/12 2:00	38.269	38.153	33.400	4/13/13 23:00	37.743	22.260	34.387	35.968		29.751	36.436
12/2/12 2:20	38.265	38.149	33.391	4/14/13 0:00	37.739	22.230	34.324	35.963		29.693	36.380
12/2/12 2:40	38.260	38.142	33.384	4/14/13 1:00	37.736	22.216	34.284	35.961		29.653	36.343
12/2/12 3:00	38.258	38.139	33.377	4/14/13 2:00	37.727	22.199	34.273	35.956		29.644	36.333
12/2/12 3:20	38.255	38.139	33.375	4/14/13 3:00	37.727	22.176	34.219	35.947		29.597	36.296
12/2/12 3:40	38.269	38.156	33.447	4/14/13 4:00	37.739	22.160	34.196	35.944		29.564	36.275
12/2/12 4:00	38.262	38.149	33.405	4/14/13 5:00	37.743	22.169	34.170	35.951		29.545	36.251
12/2/12 4:20	38.260	38.144	33.391	4/14/13 6:00	37.755	22.160	34.152	35.956		29.522	36.237
12/2/12 4:40	38.258	38.142	33.386	4/14/13 7:00	37.811	22.155	34.138	35.965		29.510	36.219
12/2/12 5:00	38.253	38.137	33.379	4/14/13 8:00	37.860	22.199	34.163	36.014		29.524	36.233
12/2/12 5:20	38.251	38.132	33.377	4/14/13 9:00	37.906	22.223	34.236	36.054		29.576	36.279
12/2/12 5:40	38.246	38.130	33.372	4/14/13 10:00	37.927	22.250	34.259	36.091		29.616	36.310
12/2/12 6:00	38.248	38.132	33.372	4/14/13 11:00	37.983	22.257	34.240	36.110		29.604	36.310
12/2/12 6:20	38.246	38.130	33.368	4/14/13 12:00	38.020	22.302	34.389	36.157		29.683	36.380
12/2/12 6:40	38.244	38.128	33.365	4/14/13 13:00	38.037	22.323	34.459	36.192		29.707	36.422
12/2/12 7:00	38.244	38.130	33.368	4/14/13 14:00	38.046	22.323	34.548	36.203		29.819	36.506
12/2/12 7:20	38.246	38.128	33.368	4/14/13 15:00	38.055	22.334	34.604	36.217		29.887	36.602
12/2/12 7:40	38.246	38.130	33.368	4/14/13 16:00	38.055	22.339	34.545	36.222		29.828	36.551
12/2/12 8:00	38.251	38.135	33.372	4/14/13 17:00	38.083	22.346	34.485	36.222		29.828	36.544
12/2/12 8:20	38.253	38.135	33.377	4/14/13 18:00	38.102	22.360	34.518	36.245		29.819	36.520

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/2/12 8:40	38.262	38.142	33.616	4/14/13 19:00	38.128	22.381	34.809	36.269		29.940	36.625
12/2/12 9:00	38.274	38.156	33.424	4/14/13 20:00	38.156	22.416	34.706	36.290		29.997	36.698
12/2/12 9:20	38.272	38.158	33.410	4/14/13 21:00	38.167	22.432	34.806	36.318		30.060	36.733
12/2/12 9:40	38.286	38.167	33.405	4/14/13 22:00	38.169	22.446	34.685	36.329		30.036	36.721
12/2/12 10:00	38.293	38.172	33.405	4/14/13 23:00	38.167	22.451	34.683	36.329		30.041	36.703
12/2/12 10:20	38.360	38.242	33.877	4/15/13 0:00	38.165	22.456	34.641	36.329		30.018	36.677
12/2/12 10:40	38.412	38.298	33.966	4/15/13 1:00	38.144	22.463	34.629	36.325		30.011	36.668
12/2/12 11:00	38.437	38.331	33.837	4/15/13 2:00	38.116	22.463	34.641	36.306		30.011	36.675
12/2/12 11:20	38.423	38.315	33.750	4/15/13 3:00	38.100	22.437	34.606	36.283		29.983	36.654
12/2/12 11:40	38.414	38.301	33.905	4/15/13 4:00	38.123	22.400	34.580	36.271		29.971	36.635
12/2/12 12:00	38.386	38.277	33.600	4/15/13 5:00	38.121	22.470	34.601	36.294		29.980	36.642
12/2/12 12:20	38.433	38.324	33.818	4/15/13 6:00	38.144	22.472	34.604	36.287		29.983	36.640
12/2/12 12:40	38.398	38.289	33.604	4/15/13 7:00	38.176	22.502	34.620	36.308		30.006	36.654
12/2/12 13:00	38.372	38.261	33.539	4/15/13 8:00	38.207	22.539	34.655	36.339		30.034	36.677
12/2/12 13:20	38.349	38.237	33.497	4/15/13 9:00	38.181	22.565	34.695	36.367		30.090	36.714
12/2/12 13:40	38.325	38.214	33.464	4/15/13 10:00	38.165	22.537	34.730	36.343		30.118	36.749
12/2/12 14:00	38.307	38.193	33.438	4/15/13 11:00	38.169	22.539	34.701	36.329		30.090	36.745
12/2/12 14:20	38.290	38.177	33.419	4/15/13 12:00	38.176	22.567	34.732	36.336		30.113	36.763
12/2/12 14:40	38.274	38.160	33.400	4/15/13 13:00	38.149	22.570	34.902	36.341		30.195	36.838
12/2/12 15:00	38.297	38.254	33.382	4/15/13 14:00	38.114	22.542	34.790	36.320		30.170	36.836
12/2/12 15:20	38.255	38.142	33.368	4/15/13 15:00	38.079	22.523	34.811	36.290		30.163	36.836
12/2/12 15:40	38.351	38.165	33.438	4/15/13 16:00	38.046	22.500	34.769	36.259		30.137	36.808
12/2/12 16:00	38.269	38.158	33.525	4/15/13 17:00	38.048	22.495	34.741	36.234		30.106	36.789
12/2/12 16:20	38.267	38.158	33.464	4/15/13 18:00	38.074	22.516	34.764	36.236		30.128	36.799
12/2/12 16:40	38.265	38.151	33.541	4/15/13 19:00	38.100	22.558	34.755	36.257		30.128	36.787
12/2/12 17:00	38.248	38.132	33.614	4/15/13 20:00	38.118	22.579	34.832	36.280		30.146	36.789
12/2/12 17:20	38.241	38.130	33.410	4/15/13 21:00	38.142	22.602	34.771	36.297		30.158	36.782
12/2/12 17:40	38.244	38.132	33.426	4/15/13 22:00	38.149	22.623	34.883	36.318		30.163	36.787
12/2/12 18:00	38.244	38.130	33.579	4/15/13 23:00	38.151	22.623	34.955	36.320		30.202	36.850
12/2/12 18:20	38.262	38.156	33.553	4/16/13 0:00	38.107	22.614	34.860	36.325		30.247	36.876
12/2/12 18:40	38.246	38.135	33.637	4/16/13 1:00	38.123	22.598	34.876	36.285		30.193	36.838
12/2/12 19:00	38.239	38.128	33.656	4/16/13 2:00	38.149	22.637	34.860	36.301		30.228	36.864
12/2/12 19:20	38.241	38.132	33.520	4/16/13 3:00	38.153	22.658	34.832	36.322		30.221	36.838
12/2/12 19:40	38.213	38.104	33.391	4/16/13 4:00	38.146	22.661	34.818	36.327		30.214	36.827

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/2/12 20:00	38.192	38.081	33.344	4/16/13 5:00	38.167	22.670	34.813	36.320		30.202	36.822
12/2/12 20:20	38.199	38.093	33.407	4/16/13 6:00	38.183	22.696	34.827	36.339		30.230	36.827
12/2/12 20:40	38.183	38.072	33.330	4/16/13 7:00	38.176	22.712	34.834	36.353		30.244	36.838
12/2/12 21:00	38.176	38.058	33.304	4/16/13 8:00	38.181	22.731	34.888	36.346		30.242	36.852
12/2/12 21:20	38.157	38.046	33.285	4/16/13 9:00	38.188	22.731	34.897	36.350		30.289	36.883
12/2/12 21:40	38.146	38.034	33.271	4/16/13 10:00	38.172	22.745	34.900	36.343		30.296	36.892
12/2/12 22:00	38.139	38.025	33.262	4/16/13 11:00	38.156	22.740	34.914	36.343		30.289	36.899
12/2/12 22:20	38.132	38.018	33.248	4/16/13 12:00	38.142	22.738	34.874	36.343		30.268	36.892
12/2/12 22:40	38.125	38.011	33.239	4/16/13 13:00	38.118	22.740	34.958	36.348		30.300	36.920
12/2/12 23:00	38.113	37.999	33.222	4/16/13 14:00	38.088	22.726	34.965	36.355		30.322	36.958
12/2/12 23:20	38.106	37.990	33.210	4/16/13 15:00	38.044	22.705	34.930	36.273		30.308	36.944
12/2/12 23:40	38.097	37.980	33.239	4/16/13 16:00	38.030	22.686	34.958	36.234		30.256	36.908
12/3/12 0:00	38.106	37.992	33.239	4/16/13 17:00	38.018	22.677	34.860	36.224		30.244	36.887
12/3/12 0:20	38.095	37.978	33.206	4/16/13 18:00	38.009	22.668	34.806	36.213		30.202	36.845
12/3/12 0:40	38.080	37.966	33.187	4/16/13 19:00	38.011	22.672	34.881	36.206		30.226	36.869
12/3/12 1:00	38.074	37.959	33.171	4/16/13 20:00	38.006	22.682	34.804	36.208		30.191	36.827
12/3/12 1:20	38.088	38.020	33.159	4/16/13 21:00	38.013	22.684	34.886	36.203		30.184	36.810
12/3/12 1:40	38.055	37.941	33.145	4/16/13 22:00	38.051	22.689	34.967	36.208		30.275	36.899
12/3/12 2:00	38.151	38.111	33.126	4/16/13 23:00	38.053	22.726	34.928	36.243		30.247	36.880
12/3/12 2:20	38.053	37.938	33.119	4/17/13 0:00	38.039	22.733	34.937	36.243		30.296	36.908
12/3/12 2:40	38.048	37.936	33.161	4/17/13 1:00	38.025	22.705	34.874	36.229		30.249	36.869
12/3/12 3:00	38.036	37.922	33.128	4/17/13 2:00	37.990	22.698	34.872	36.220		30.219	36.850
12/3/12 3:20	38.050	37.959	33.107	4/17/13 3:00	37.995	22.647	34.762	36.185		30.163	36.799
12/3/12 3:40	38.024	37.908	33.098	4/17/13 4:00	37.999	22.614	34.720	36.185		30.130	36.752
12/3/12 4:00	38.010	37.899	33.091	4/17/13 5:00	38.006	22.651	34.678	36.196		30.083	36.691
12/3/12 4:20	38.118	38.053	33.077	4/17/13 6:00	37.967	22.637	34.660	36.196		30.071	36.672
12/3/12 4:40	38.132	38.053	33.072	4/17/13 7:00	37.965	22.633	34.643	36.154		30.048	36.656
12/3/12 5:00	38.074	37.992	33.070	4/17/13 8:00	37.976	22.626	34.627	36.152		30.032	36.651
12/3/12 5:20	38.020	37.908	33.067	4/17/13 9:00	37.983	22.640	34.629	36.166		30.022	36.649
12/3/12 5:40	38.003	37.889	33.058	4/17/13 10:00	37.972	22.640	34.620	36.171		30.020	36.647
12/3/12 6:00	37.999	37.882	33.053	4/17/13 11:00	37.969	22.621	34.606	36.159		30.001	36.642
12/3/12 6:20	37.994	37.880	33.055	4/17/13 12:00	37.958	22.616	34.599	36.159		29.990	36.635
12/3/12 6:40	37.990	37.873	33.053	4/17/13 13:00	37.948	22.598	34.578	36.147		29.973	36.628
12/3/12 7:00	37.992	37.875	33.056	4/17/13 14:00	37.918	22.572	34.555	36.138		29.955	36.611

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/3/12 7:20	37.992	37.873	33.056	4/17/13 15:00	37.953	22.540	34.522	36.110		29.917	36.590
12/3/12 7:40	37.994	37.882	33.060	4/17/13 16:00	37.927	22.549	34.511	36.115		29.938	36.579
12/3/12 8:00	38.015	37.894	33.074	4/17/13 17:00	37.927	22.542	34.506	36.119		29.910	36.558
12/3/12 8:20	38.017	37.899	33.081	4/17/13 18:00	37.955	22.556	34.506	36.129		29.891	36.562
12/3/12 8:40	38.048	37.934	33.196	4/17/13 19:00	37.972	22.570	34.513	36.129		29.901	36.562
12/3/12 9:00	38.043	37.927	33.133	4/17/13 20:00	37.958	22.561	34.578	36.129		29.903	36.567
12/3/12 9:20	38.036	37.920	33.117	4/17/13 21:00	37.948	22.556	34.653	36.129		29.957	36.623
12/3/12 9:40	38.059	37.945	33.135	4/17/13 22:00	37.967	22.556	34.641	36.129		29.910	36.607
12/3/12 10:00	38.367	38.417	33.436	4/17/13 23:00	37.981	22.570	34.587	36.126		29.943	36.618
12/3/12 10:20	38.225	38.123	33.457	4/18/13 0:00	37.997	22.577	34.552	36.117		29.919	36.600
12/3/12 10:40	38.265	38.151	33.630	4/18/13 1:00	37.995	22.607	34.557	36.096		29.922	36.595
12/3/12 11:00	38.281	38.170	33.499	4/18/13 2:00	38.030	22.581	34.538	36.096		29.912	36.586
12/3/12 11:20	38.328	38.242	33.539	4/18/13 3:00	38.023	22.547	34.517	36.101		29.938	36.574
12/3/12 11:40	38.337	38.228	33.602	4/18/13 4:00	38.016	22.593	34.548	36.108		29.931	36.583
12/3/12 12:00	38.318	38.209	33.518	4/18/13 5:00	38.037	22.556	34.529	36.103		29.929	36.583
12/3/12 12:20	38.752	38.871	33.799	4/18/13 6:00	38.046	22.579	34.539	36.098		29.933	36.593
12/3/12 12:40	38.822	38.908	33.813	4/18/13 7:00	38.069	22.574	34.559	36.094		29.948	36.611
12/3/12 13:00	38.943	39.058	33.736	4/18/13 8:00	38.079	22.609	34.573	36.091		29.959	36.625
12/3/12 13:20	38.901	39.009	33.558	4/18/13 9:00	38.109	22.616	34.587	36.096		29.971	36.633
12/3/12 13:40	38.983	39.161	33.520	4/18/13 10:00	38.111	22.640	34.606	36.112		29.994	36.656
12/3/12 14:00	39.039	39.221	33.511	4/18/13 11:00	38.114	22.642	34.615	36.140		30.001	36.663
12/3/12 14:20	39.092	39.270	33.515	4/18/13 12:00	38.125	22.649	34.625	36.168		30.008	36.672
12/3/12 14:40	39.092	39.266	33.520	4/18/13 13:00	38.114	22.654	34.634	36.208		30.027	36.684
12/3/12 15:00	39.120	39.315	33.527	4/18/13 14:00	38.114	22.642	34.632	36.217		30.029	36.684
12/3/12 15:20	39.137	39.322	33.539	4/18/13 15:00	38.121	22.658	34.657	36.231		30.048	36.717
12/3/12 15:40	39.158	39.306	33.553	4/18/13 16:00	38.114	22.658	34.713	36.241		30.053	36.721
12/3/12 16:00	39.167	39.341	33.560	4/18/13 17:00	38.109	22.654	34.671	36.241		30.055	36.733
12/3/12 16:20	39.153	39.327	33.569	4/18/13 18:00	38.111	22.663	34.667	36.236		30.050	36.726
12/3/12 16:40	39.153	39.315	34.013	4/18/13 19:00	38.116	22.675	34.764	36.229		30.118	36.792
12/3/12 17:00	39.137	39.252	33.712	4/18/13 20:00	38.121	22.682	34.762	36.220		30.130	36.806
12/3/12 17:20	39.037	39.090	33.729	4/18/13 21:00	38.125	22.691	34.869	36.206		30.170	36.838
12/3/12 17:40	38.778	38.712	33.898	4/18/13 22:00	38.137	22.703	34.802	36.187		30.170	36.843
12/3/12 18:00	38.696	38.600	34.034	4/18/13 23:00	38.132	22.717	34.764	36.168		30.151	36.815
12/3/12 18:20	38.663	38.560	34.130	4/19/13 0:00	38.114	22.705	34.764	36.154		30.153	36.813

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/3/12 18:40	38.862	38.904	33.895	4/19/13 1:00	38.104	22.693	34.764	36.150		30.151	36.803
12/3/12 19:00	38.976	39.069	33.762	4/19/13 2:00	38.100	22.696	34.734	36.136		30.123	36.787
12/3/12 19:20	38.654	38.555	33.724	4/19/13 3:00	38.081	22.691	34.716	36.129		30.104	36.768
12/3/12 19:40	38.587	38.480	33.694	4/19/13 4:00	38.079	22.679	34.716	36.124		30.104	36.773
12/3/12 20:00	38.552	38.441	33.672	4/19/13 5:00	38.072	22.684	34.699	36.124		30.085	36.759
12/3/12 20:20	38.523	38.415	33.656	4/19/13 6:00	38.074	22.682	34.692	36.122		30.078	36.752
12/3/12 20:40	38.505	38.396	33.642	4/19/13 7:00	38.086	22.689	34.690	36.122		30.074	36.747
12/3/12 21:00	38.512	38.403	33.722	4/19/13 8:00	38.086	22.703	34.692	36.119		30.081	36.747
12/3/12 21:20	38.496	38.387	33.663	4/19/13 9:00	38.074	22.703	34.695	36.129		30.088	36.747
12/3/12 21:40	38.482	38.371	33.642	4/19/13 10:00	38.060	22.682	34.687	36.166		30.081	36.752
12/3/12 22:00	38.475	38.361	33.630	4/19/13 11:00	38.039	22.665	34.788	36.229		30.090	36.770
12/3/12 22:20	38.468	38.354	33.623	4/19/13 12:00	38.046	22.661	34.788	36.294		30.076	36.785
12/3/12 22:40	38.461	38.350	33.618	4/19/13 13:00	38.037	22.668	34.737	36.350		30.104	36.801
12/3/12 23:00	38.461	38.347	33.616	4/19/13 14:00	38.027	22.654	34.753	36.222		30.106	36.799
12/3/12 23:20	38.458	38.345	33.614	4/19/13 15:00	38.032	22.649	34.767	36.213		30.088	36.796
12/3/12 23:40	38.458	38.345	33.616	4/19/13 16:00	38.030	22.654	34.734	36.217		30.092	36.780
12/4/12 0:00	38.456	38.343	33.616	4/19/13 17:00	38.023	22.649	34.748	36.215		30.081	36.775
12/4/12 0:20	38.456	38.343	33.616	4/19/13 18:00	38.020	22.637	34.685	36.208		30.064	36.752
12/4/12 0:40	38.472	38.359	33.748	4/19/13 19:00	38.027	22.640	34.732	36.208		30.088	36.770
12/4/12 1:00	38.468	38.354	33.649	4/19/13 20:00	38.041	22.633	34.706	36.215		30.076	36.768
12/4/12 1:20	38.463	38.347	33.633	4/19/13 21:00	38.060	22.640	34.755	36.227		30.088	36.780
12/4/12 1:40	38.461	38.347	33.630	4/19/13 22:00	38.088	22.668	34.722	36.245		30.092	36.780
12/4/12 2:00	38.461	38.347	33.628	4/19/13 23:00	38.104	22.691	34.739	36.269		30.111	36.785
12/4/12 2:20	38.458	38.343	33.626	4/20/13 0:00	38.107	22.700	34.722	36.285		30.106	36.773
12/4/12 2:40	38.458	38.343	33.623	4/20/13 1:00	38.111	22.700	34.713	36.283		30.106	36.766
12/4/12 3:00	38.461	38.347	33.626	4/20/13 2:00	38.109	22.707	34.711	36.287		30.106	36.763
12/4/12 3:20	38.458	38.345	33.628	4/20/13 3:00	38.095	22.705	34.709	36.285		30.097	36.761
12/4/12 3:40	38.461	38.343	33.626	4/20/13 4:00	38.090	22.686	34.697	36.273		30.085	36.756
12/4/12 4:00	38.458	38.345	33.630	4/20/13 5:00	38.088	22.696	34.692	36.269		30.078	36.754
12/4/12 4:20	38.456	38.343	33.630	4/20/13 6:00	38.076	22.677	34.697	36.266		30.088	36.766
12/4/12 4:40	38.461	38.345	33.628	4/20/13 7:00	38.079	22.686	34.690	36.255		30.071	36.759
12/4/12 5:00	38.461	38.345	33.628	4/20/13 8:00	38.088	22.686	34.687	36.257		30.067	36.756
12/4/12 5:20	38.461	38.347	33.630	4/20/13 9:00	38.088	22.693	34.692	36.266		30.081	36.763
12/4/12 5:40	38.461	38.345	33.633	4/20/13 10:00	38.076	22.693	34.690	36.266		30.081	36.766

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/4/12 6:00	38.461	38.345	33.635	4/20/13 11:00	38.072	22.679	34.680	36.257		30.074	36.761
12/4/12 6:20	38.461	38.345	33.635	4/20/13 12:00	38.048	22.675	34.674	36.252		30.067	36.759
12/4/12 6:40	38.465	38.350	33.637	4/20/13 13:00	38.027	22.651	34.739	36.234		30.090	36.778
12/4/12 7:00	38.470	38.354	33.644	4/20/13 14:00	37.997	22.628	34.827	36.215		30.097	36.817
12/4/12 7:20	38.477	38.361	33.651	4/20/13 15:00	37.974	22.598	34.734	36.187		30.083	36.813
12/4/12 7:40	38.486	38.371	33.663	4/20/13 16:00	37.955	22.581	34.720	36.168		30.043	36.778
12/4/12 8:00	38.489	38.373	33.668	4/20/13 17:00	37.960	22.554	34.753	36.150		30.060	36.775
12/4/12 8:20	38.493	38.375	33.672	4/20/13 18:00	37.979	22.565	34.720	36.166		30.013	36.768
12/4/12 8:40	38.491	38.378	33.677	4/20/13 19:00	37.985	22.577	34.697	36.178		30.048	36.773
12/4/12 9:00	38.507	38.394	33.733	4/20/13 20:00	38.002	22.575	34.676	36.180		30.043	36.759
12/4/12 9:20	38.505	38.389	33.703	4/20/13 21:00	38.025	22.584	34.697	36.192		30.062	36.768
12/4/12 9:40	38.500	38.387	33.694	4/20/13 22:00	38.051	22.607	34.688	36.215		30.057	36.752
12/4/12 10:00	38.503	38.387	33.691	4/20/13 23:00	38.060	22.617	34.669	36.236		30.046	36.735
12/4/12 10:20	38.510	38.394	33.696	4/21/13 0:00	38.062	22.612	34.653	36.241		30.034	36.721
12/4/12 10:40	38.507	38.394	33.698	4/21/13 1:00	38.072	22.612	34.646	36.243		30.025	36.714
12/4/12 11:00	38.505	38.394	33.698	4/21/13 2:00	38.069	22.614	34.639	36.252		30.022	36.710
12/4/12 11:20	38.507	38.392	33.696	4/21/13 3:00	38.067	22.607	34.632	36.250		30.015	36.703
12/4/12 11:40	38.505	38.394	33.696	4/21/13 4:00	38.055	22.602	34.625	36.245		30.008	36.698
12/4/12 12:00	38.510	38.399	33.694	4/21/13 5:00	38.051	22.598	34.615	36.236		29.999	36.691
12/4/12 12:20	38.771	38.789	33.757	4/21/13 6:00	38.055	22.589	34.608	36.231		29.990	36.689
12/4/12 12:40	38.659	38.630	33.729	4/21/13 7:00	38.069	22.591	34.608	36.236		29.997	36.689
12/4/12 13:00	38.565	38.457	33.719	4/21/13 8:00	38.088	22.605	34.618	36.248		30.006	36.700
12/4/12 13:20	38.538	38.424	33.710	4/21/13 9:00	38.104	22.621	34.632	36.264		30.020	36.710
12/4/12 13:40	38.540	38.432	33.698	4/21/13 10:00	38.097	22.637	34.685	36.278		30.057	36.745
12/4/12 14:00	38.542	38.434	33.834	4/21/13 11:00	38.093	22.624	34.660	36.271		30.036	36.742
12/4/12 14:20	38.565	38.450	34.264	4/21/13 12:00	38.079	22.619	34.737	36.269		30.071	36.785
12/4/12 14:40	38.635	38.532	34.299	4/21/13 13:00	38.062	22.607	34.804	36.255		30.113	36.827
12/4/12 15:00	38.678	38.579	34.432	4/21/13 14:00	38.039	22.593	34.804	36.243		30.097	36.815
12/4/12 15:20	38.699	38.597	34.606	4/21/13 15:00	38.020	22.570	34.746	36.222		30.067	36.792
12/4/12 15:40	38.715	38.616	34.545	4/21/13 16:00	38.011	22.558	34.767	36.206		30.055	36.780
12/4/12 16:00	38.715	38.616	34.430	4/21/13 17:00	38.002	22.547	34.699	36.199		30.062	36.782
12/4/12 16:20	38.654	38.555	34.034	4/21/13 18:00	37.999	22.544	34.683	36.192		30.048	36.775
12/4/12 16:40	38.638	38.534	34.170	4/21/13 19:00	38.006	22.533	34.671	36.189		30.039	36.759
12/4/12 17:00	38.603	38.499	33.919	4/21/13 20:00	38.016	22.540	34.816	36.196		30.078	36.799

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/4/12 17:20	38.645	38.539	34.327	4/21/13 21:00	38.032	22.558	34.778	36.206		30.092	36.827
12/4/12 17:40	38.605	38.502	33.949	4/21/13 22:00	38.048	22.551	34.709	36.220		30.062	36.789
12/4/12 18:00	38.575	38.467	33.884	4/21/13 23:00	38.048	22.563	34.676	36.234		30.043	36.756
12/4/12 18:20	38.591	38.485	34.104	4/22/13 0:00	38.046	22.554	34.653	36.231		30.027	36.728
12/4/12 18:40	38.624	38.520	34.184	4/22/13 1:00	38.041	22.547	34.634	36.227		30.008	36.714
12/4/12 19:00	38.605	38.504	34.003	4/22/13 2:00	38.051	22.535	34.613	36.224		30.004	36.698
12/4/12 19:20	38.589	38.483	34.003	4/22/13 3:00	38.030	22.544	34.611	36.234		29.994	36.689
12/4/12 19:40	38.556	38.450	33.855	4/22/13 4:00	38.034	22.526	34.587	36.213		29.973	36.672
12/4/12 20:00	38.537	38.429	33.804	4/22/13 5:00	38.016	22.526	34.580	36.215		29.971	36.665
12/4/12 20:20	38.523	38.417	33.778	4/22/13 6:00	38.041	22.507	34.562	36.201		29.940	36.654
12/4/12 20:40	38.512	38.403	33.762	4/22/13 7:00	38.051	22.537	34.576	36.224		29.950	36.661
12/4/12 21:00	38.500	38.389	33.743	4/22/13 8:00	38.013	22.533	34.578	36.231		29.959	36.663
12/4/12 21:20	38.489	38.378	33.726	4/22/13 9:00	38.013	22.493	34.548	36.196		29.924	36.651
12/4/12 21:40	38.479	38.368	33.715	4/22/13 10:00	37.992	22.491	34.545	36.196		29.919	36.649
12/4/12 22:00	38.470	38.359	33.703	4/22/13 11:00	37.983	22.465	34.536	36.178		29.917	36.654
12/4/12 22:20	38.465	38.354	33.696	4/22/13 12:00	38.002	22.465	34.527	36.166		29.884	36.635
12/4/12 22:40	38.463	38.352	33.689	4/22/13 13:00	38.002	22.460	34.501	36.185		29.891	36.609
12/4/12 23:00	38.461	38.350	33.687	4/22/13 14:00	37.995	22.444	34.483	36.164		29.861	36.583
12/4/12 23:20	38.456	38.343	33.679	4/22/13 15:00	37.985	22.432	34.469	36.159		29.852	36.576
12/4/12 23:40	38.451	38.338	33.675	4/22/13 16:00	37.995	22.425	34.511	36.152		29.847	36.565
12/5/12 0:00	38.451	38.338	33.672	4/22/13 17:00	38.039	22.449	34.483	36.173		29.856	36.586
12/5/12 0:20	38.449	38.336	33.670	4/22/13 18:00	38.083	22.493	34.511	36.222		29.870	36.593
12/5/12 0:40	38.449	38.333	33.665	4/22/13 19:00	38.118	22.526	34.541	36.269		29.915	36.621
12/5/12 1:00	38.442	38.331	33.661	4/22/13 20:00	38.142	22.575	34.608	36.299		29.962	36.675
12/5/12 1:20	38.442	38.329	33.661	4/22/13 21:00	38.162	22.570	34.660	36.320		30.020	36.733
12/5/12 1:40	38.437	38.326	33.656	4/22/13 22:00	38.195	22.591	34.660	36.339		30.027	36.745
12/5/12 2:00	38.437	38.324	33.654	4/22/13 23:00	38.225	22.619	34.713	36.369		30.095	36.789
12/5/12 2:20	38.435	38.322	33.647	4/23/13 0:00	38.188	22.624	34.716	36.399		30.130	36.803
12/5/12 2:40	38.433	38.319	33.644	4/23/13 1:00	38.225	22.607	34.704	36.357		30.090	36.801
12/5/12 3:00	38.430	38.317	33.640	4/23/13 2:00	38.235	22.628	34.713	36.402		30.128	36.810
12/5/12 3:20	38.423	38.312	33.635	4/23/13 3:00	38.179	22.644	34.727	36.409		30.120	36.813
12/5/12 3:40	38.421	38.308	33.630	4/23/13 4:00	38.153	22.619	34.706	36.364		30.088	36.796
12/5/12 4:00	38.421	38.310	33.626	4/23/13 5:00	38.139	22.603	34.694	36.334		30.071	36.796
12/5/12 4:20	38.419	38.308	33.623	4/23/13 6:00	38.181	22.612	34.690	36.306		30.064	36.794

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/5/12 4:40	38.414	38.301	33.618	4/23/13 7:00	38.162	22.663	34.720	36.299		30.085	36.806
12/5/12 5:00	38.409	38.296	33.614	4/23/13 8:00	38.125	22.624	34.699	36.278		30.085	36.796
12/5/12 5:20	38.402	38.289	33.607	4/23/13 9:00	38.158	22.621	34.697	36.264		30.074	36.799
12/5/12 5:40	38.398	38.284	33.595	4/23/13 10:00	38.146	22.658	34.715	36.255		30.102	36.817
12/5/12 6:00	38.393	38.280	33.590	4/23/13 11:00	38.151	22.640	34.713	36.245		30.095	36.817
12/5/12 6:20	38.388	38.275	33.586	4/23/13 12:00	38.149	22.658	34.802	36.236		30.132	36.850
12/5/12 6:40	38.405	38.294	33.679	4/23/13 13:00	38.144	22.658	34.886	36.234		30.151	36.883
12/5/12 7:00	38.393	38.284	33.614	4/23/13 14:00	38.121	22.644	34.804	36.227		30.172	36.908
12/5/12 7:20	38.393	38.280	33.595	4/23/13 15:00	38.109	22.637	34.886	36.222		30.144	36.897
12/5/12 7:40	38.393	38.279	33.586	4/23/13 16:00	38.093	22.621	34.855	36.220		30.179	36.906
12/5/12 8:00	38.384	38.273	33.579	4/23/13 17:00	38.079	22.612	34.818	36.222		30.177	36.904
12/5/12 8:20	38.381	38.270	33.574	4/23/13 18:00	38.076	22.603	34.746	36.231		30.113	36.850
12/5/12 8:40	38.377	38.263	33.567	4/23/13 19:00	38.069	22.600	34.741	36.248		30.088	36.820
12/5/12 9:00	38.367	38.256	33.560	4/23/13 20:00	38.074	22.605	34.830	36.269		30.125	36.852
12/5/12 9:20	38.365	38.251	33.553	4/23/13 21:00	38.086	22.612	34.741	36.266		30.102	36.843
12/5/12 9:40	38.377	38.263	33.618	4/23/13 22:00	38.118	22.612	34.725	36.255		30.090	36.824
12/5/12 10:00	38.430	38.343	33.572	4/23/13 23:00	38.118	22.654	34.737	36.248		30.113	36.827
12/5/12 10:20	38.535	38.548	33.555	4/24/13 0:00	38.123	22.642	34.769	36.238		30.111	36.831
12/5/12 10:40	38.703	38.784	33.553	4/24/13 1:00	38.123	22.647	34.734	36.217		30.111	36.836
12/5/12 11:00	38.750	38.754	33.558	4/24/13 2:00	38.114	22.642	34.723	36.210		30.104	36.829
12/5/12 11:20	38.808	38.927	33.562	4/24/13 3:00	38.102	22.642	34.713	36.206		30.090	36.817
12/5/12 11:40	38.792	38.817	33.569	4/24/13 4:00	38.081	22.631	34.695	36.201		30.076	36.803
12/5/12 12:00	38.925	39.035	33.569	4/24/13 5:00	38.079	22.610	34.676	36.192		30.050	36.789
12/5/12 12:20	38.752	38.749	33.572	4/24/13 6:00	38.083	22.610	34.667	36.182		30.050	36.780
12/5/12 12:40	38.932	39.086	33.635	4/24/13 7:00	38.083	22.612	34.664	36.173		30.048	36.775
12/5/12 13:00	38.957	39.100	33.602	4/24/13 8:00	38.083	22.610	34.660	36.168		30.039	36.775
12/5/12 13:20	38.927	39.041	33.590	4/24/13 9:00	38.074	22.614	34.662	36.178		30.036	36.780
12/5/12 13:40	38.873	38.953	33.588	4/24/13 10:00	38.076	22.605	34.657	36.210		30.022	36.780
12/5/12 14:00	38.964	39.051	33.574	4/24/13 11:00	38.088	22.612	34.657	36.271		30.025	36.787
12/5/12 14:20	38.864	38.890	33.569	4/24/13 12:00	38.090	22.617	34.664	36.336		30.034	36.794
12/5/12 14:40	38.862	38.911	33.560	4/24/13 13:00	38.072	22.607	34.662	36.399		30.041	36.792
12/5/12 15:00	39.018	39.076	33.888	4/24/13 14:00	38.053	22.586	34.660	36.250		30.039	36.794
12/5/12 15:20	38.974	39.062	33.633	4/24/13 15:00	38.034	22.561	34.629	36.231		30.004	36.770
12/5/12 15:40	38.927	38.992	33.703	4/24/13 16:00	38.020	22.551	34.606	36.215		29.978	36.747

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/5/12 16:00	38.985	39.121	33.602	4/24/13 17:00	38.002	22.528	34.580	36.201		29.952	36.724
12/5/12 16:20	38.969	39.058	33.722	4/24/13 18:00	37.990	22.512	34.578	36.182		29.945	36.714
12/5/12 16:40	38.941	39.079	33.593	4/24/13 19:00	37.988	22.498	34.646	36.173		29.919	36.717
12/5/12 17:00	38.871	38.976	33.565	4/24/13 20:00	37.997	22.493	34.674	36.173		30.001	36.810
12/5/12 17:20	38.850	38.976	33.543	4/24/13 21:00	38.034	22.507	34.681	36.189		30.006	36.843
12/5/12 17:40	38.810	38.927	33.527	4/24/13 22:00	38.081	22.540	34.709	36.224		30.034	36.864
12/5/12 18:00	38.859	38.953	33.750	4/24/13 23:00	38.114	22.572	34.727	36.266		30.055	36.878
12/5/12 18:20	38.806	38.906	33.553	4/25/13 0:00	38.128	22.591	34.753	36.297		30.083	36.904
12/5/12 18:40	38.750	38.789	33.522	4/25/13 1:00	38.139	22.596	34.767	36.311		30.099	36.925
12/5/12 19:00	38.750	38.763	33.787	4/25/13 2:00	38.149	22.603	34.783	36.322		30.116	36.939
12/5/12 19:20	38.775	38.857	33.555	4/25/13 3:00	38.130	22.600	34.792	36.332		30.130	36.951
12/5/12 19:40	38.565	38.457	33.518	4/25/13 4:00	38.116	22.584	34.785	36.315		30.123	36.951
12/5/12 20:00	38.582	38.525	33.494	4/25/13 5:00	38.114	22.572	34.783	36.301		30.125	36.944
12/5/12 20:20	38.666	38.782	33.959	4/25/13 6:00	38.102	22.572	34.785	36.301		30.120	36.944
12/5/12 20:40	38.666	38.719	34.104	4/25/13 7:00	38.104	22.561	34.778	36.290		30.118	36.939
12/5/12 21:00	38.575	38.499	34.036	4/25/13 8:00	38.107	22.565	34.783	36.292		30.120	36.946
12/5/12 21:20	38.514	38.466	33.705	4/25/13 9:00	38.107	22.572	34.797	36.294		30.128	36.953
12/5/12 21:40	38.451	38.357	33.740	4/25/13 10:00	38.095	22.558	34.855	36.294		30.132	36.960
12/5/12 22:00	38.433	38.340	33.759	4/25/13 11:00	38.081	22.547	34.867	36.283		30.139	36.986
12/5/12 22:20	38.533	38.614	33.597	4/25/13 12:00	38.062	22.537	34.865	36.276		30.186	37.018
12/5/12 22:40	38.680	38.600	34.144	4/25/13 13:00	38.037	22.512	34.930	36.257		30.202	37.049
12/5/12 23:00	38.496	38.441	33.970	4/25/13 14:00	38.006	22.484	34.881	36.231		30.174	37.035
12/5/12 23:20	38.614	38.635	33.755	4/25/13 15:00	37.986	22.453	35.128	36.203		30.219	37.072
12/5/12 23:40	38.757	38.829	33.593	4/25/13 16:00	37.958	22.428	35.265	36.187		30.331	37.189
12/6/12 0:00	38.626	38.731	33.602	4/25/13 17:00	37.934	22.391	35.328	36.161		30.368	37.227
12/6/12 0:20	38.624	38.660	33.539	4/25/13 18:00	37.944	22.381	35.368	36.143		30.401	37.231
12/6/12 0:40	38.542	38.436	33.504	4/25/13 19:00	37.941	22.374	35.268	36.150		30.333	37.149
12/6/12 1:00	38.442	38.427	33.480	4/25/13 20:00	37.941	22.363	35.228	36.150		30.392	37.161
12/6/12 1:20	38.421	38.401	33.572	4/25/13 21:00	37.958	22.365	34.897	36.150		30.209	36.972
12/6/12 1:40	38.321	38.216	33.478	4/25/13 22:00	37.988	22.372	34.785	36.164		30.120	36.850
12/6/12 2:00	38.283	38.177	33.438	4/25/13 23:00	38.009	22.391	34.732	36.187		30.081	36.789
12/6/12 2:20	38.279	38.172	33.539	4/26/13 0:00	38.018	22.384	34.692	36.206		30.062	36.756
12/6/12 2:40	38.265	38.170	33.436	4/26/13 1:00	38.037	22.360	34.655	36.213		30.034	36.731
12/6/12 3:00	38.237	38.130	33.403	4/26/13 2:00	38.051	22.409	34.655	36.227		30.013	36.724

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/6/12 3:20	38.220	38.111	33.382	4/26/13 3:00	38.016	22.379	34.629	36.236		30.008	36.707
12/6/12 3:40	38.211	38.104	33.370	4/26/13 4:00	37.995	22.335	34.585	36.203		29.962	36.682
12/6/12 4:00	38.204	38.095	33.360	4/26/13 5:00	38.002	22.314	34.552	36.185		29.922	36.656
12/6/12 4:20	38.197	38.083	33.351	4/26/13 6:00	37.995	22.316	34.536	36.189		29.912	36.640
12/6/12 4:40	38.190	38.079	33.344	4/26/13 7:00	38.006	22.309	34.518	36.185		29.889	36.623
12/6/12 5:00	38.185	38.076	33.337	4/26/13 8:00	38.018	22.311	34.511	36.194		29.882	36.621
12/6/12 5:20	38.174	38.064	33.325	4/26/13 9:00	38.032	22.309	34.511	36.203		29.880	36.621
12/6/12 5:40	38.167	38.055	33.311	4/26/13 10:00	38.051	22.323	34.515	36.220		29.873	36.635
12/6/12 6:00	38.181	38.069	33.431	4/26/13 11:00	38.069	22.337	34.529	36.234		29.889	36.649
12/6/12 6:20	38.171	38.060	33.335	4/26/13 12:00	38.069	22.342	34.536	36.252		29.905	36.665
12/6/12 6:40	38.167	38.055	33.316	4/26/13 13:00	38.067	22.337	34.564	36.252		29.926	36.689
12/6/12 7:00	38.158	38.046	33.302	4/26/13 14:00	38.067	22.321	34.564	36.252		29.917	36.707
12/6/12 7:20	38.155	38.044	33.292	4/26/13 15:00	38.062	22.316	34.557	36.250		29.903	36.703
12/6/12 7:40	38.155	38.043	33.290	4/26/13 16:00	38.060	22.307	34.550	36.252		29.898	36.700
12/6/12 8:00	38.158	38.043	33.290	4/26/13 17:00	38.072	22.307	34.552	36.255		29.894	36.703
12/6/12 8:20	38.160	38.046	33.292	4/26/13 18:00	38.086	22.311	34.657	36.259		29.943	36.719
12/6/12 8:40	38.155	38.041	33.290	4/26/13 19:00	38.104	22.328	34.625	36.269		29.929	36.719
12/6/12 9:00	38.151	38.036	33.288	4/26/13 20:00	38.114	22.339	34.695	36.287		29.992	36.756
12/6/12 9:20	38.155	38.039	33.311	4/26/13 21:00	38.123	22.342	34.613	36.294		29.964	36.738
12/6/12 9:40	38.171	38.062	33.342	4/26/13 22:00	38.137	22.353	34.601	36.301		29.955	36.728
12/6/12 10:00	38.169	38.060	33.316	4/26/13 23:00	38.144	22.370	34.601	36.313		29.966	36.728
12/6/12 10:20	38.169	38.055	33.309	4/27/13 0:00	38.128	22.367	34.601	36.320		29.966	36.733
12/6/12 10:40	38.167	38.055	33.309	4/27/13 1:00	38.137	22.353	34.592	36.304		29.955	36.733
12/6/12 11:00	38.176	38.060	33.311	4/27/13 2:00	38.118	22.356	34.594	36.313		29.959	36.735
12/6/12 11:20	38.178	38.064	33.314	4/27/13 3:00	38.095	22.346	34.583	36.294		29.945	36.731
12/6/12 11:40	38.178	38.064	33.314	4/27/13 4:00	38.088	22.318	34.562	36.276		29.924	36.717
12/6/12 12:00	38.195	38.083	33.384	4/27/13 5:00	38.086	22.316	34.550	36.266		29.922	36.703
12/6/12 12:20	38.188	38.076	33.337	4/27/13 6:00	38.081	22.323	34.543	36.262		29.910	36.696
12/6/12 12:40	38.402	38.394	33.321	4/27/13 7:00	38.081	22.316	34.536	36.259		29.898	36.686
12/6/12 13:00	38.558	38.576	33.316	4/27/13 8:00	38.095	22.323	34.539	36.262		29.896	36.686
12/6/12 13:20	38.712	38.862	33.325	4/27/13 9:00	38.102	22.330	34.552	36.273		29.903	36.691
12/6/12 13:40	38.780	38.925	33.339	4/27/13 10:00	38.090	22.325	34.571	36.278		29.924	36.719
12/6/12 14:00	38.761	38.899	33.358	4/27/13 11:00	38.083	22.311	34.555	36.269		29.919	36.717
12/6/12 14:20	38.813	38.913	33.377	4/27/13 12:00	38.074	22.300	34.550	36.262		29.908	36.719

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/6/12 14:40	38.850	38.981	33.389	4/27/13 13:00	38.051	22.283	34.611	36.255		29.931	36.747
12/6/12 15:00	38.461	38.366	33.396	4/27/13 14:00	38.023	22.265	34.541	36.231		29.894	36.726
12/6/12 15:20	38.370	38.263	33.393	4/27/13 15:00	37.999	22.234	34.650	36.206		29.882	36.724
12/6/12 15:40	38.323	38.212	33.375	4/27/13 16:00	37.972	22.211	34.643	36.185		29.884	36.731
12/6/12 16:00	38.290	38.179	33.368	4/27/13 17:00	37.955	22.190	34.536	36.159		29.852	36.703
12/6/12 16:20	38.276	38.165	33.372	4/27/13 18:00	37.948	22.186	34.466	36.145		29.807	36.651
12/6/12 16:40	38.290	38.174	33.555	4/27/13 19:00	37.944	22.172	34.438	36.138		29.775	36.618
12/6/12 17:00	38.295	38.186	33.466	4/27/13 20:00	37.946	22.155	34.525	36.136		29.821	36.665
12/6/12 17:20	38.351	38.240	34.013	4/27/13 21:00	37.960	22.158	34.450	36.138		29.779	36.635
12/6/12 17:40	38.454	38.350	34.409	4/27/13 22:00	37.974	22.165	34.501	36.150		29.770	36.604
12/6/12 18:00	38.472	38.378	33.973	4/27/13 23:00	37.988	22.160	34.578	36.161		29.833	36.658
12/6/12 18:20	38.447	38.347	33.914	4/28/13 0:00	37.990	22.169	34.501	36.173		29.798	36.633
12/6/12 18:40	38.458	38.359	34.029	4/28/13 1:00	37.990	22.151	34.443	36.178		29.786	36.618
12/6/12 19:00	38.456	38.352	34.081	4/28/13 2:00	37.983	22.151	34.473	36.173		29.758	36.593
12/6/12 19:20	38.442	38.340	33.773	4/28/13 3:00	37.974	22.132	34.452	36.168		29.756	36.597
12/6/12 19:40	38.421	38.319	33.794	4/28/13 4:00	37.969	22.118	34.406	36.159		29.749	36.588
12/6/12 20:00	38.391	38.284	33.623	4/28/13 5:00	37.974	22.104	34.371	36.154		29.716	36.555
12/6/12 20:20	38.367	38.261	33.569	4/28/13 6:00	37.974	22.109	34.357	36.159		29.700	36.537
12/6/12 20:40	38.353	38.247	33.541	4/28/13 7:00	37.983	22.106	34.338	36.157		29.683	36.518
12/6/12 21:00	38.358	38.252	33.640	4/28/13 8:00	37.986	22.102	34.334	36.168		29.688	36.513
12/6/12 21:20	38.346	38.235	33.539	4/28/13 9:00	37.979	22.095	34.327	36.168		29.679	36.506
12/6/12 21:40	38.330	38.224	33.508	4/28/13 10:00	37.969	22.085	34.315	36.159		29.660	36.504
12/6/12 22:00	38.323	38.212	33.501	4/28/13 11:00	37.955	22.060	34.569	36.150		29.681	36.553
12/6/12 22:20	38.328	38.219	33.529	4/28/13 12:00	37.944	22.041	34.813	36.140		29.873	36.752
12/6/12 22:40	38.318	38.207	33.494	4/28/13 13:00	37.934	22.027	34.974	36.131		29.978	36.887
12/6/12 23:00	38.309	38.198	33.475	4/28/13 14:00	37.923	22.006	35.074	36.126		30.060	36.976
12/6/12 23:20	38.314	38.200	33.689	4/28/13 15:00	37.904	21.999	34.757	36.119		30.015	36.927
12/6/12 23:40	38.311	38.200	33.499	4/28/13 16:00	37.892	21.971	34.539	36.101		29.831	36.719
12/7/12 0:00	38.302	38.191	33.473	4/28/13 17:00	37.871	21.950	34.494	36.087		29.742	36.611
12/7/12 0:20	38.293	38.181	33.457	4/28/13 18:00	37.871	21.927	34.368	36.068		29.688	36.546
12/7/12 0:40	38.288	38.177	33.447	4/28/13 19:00	37.874	21.925	34.420	36.068		29.672	36.504
12/7/12 1:00	38.286	38.174	33.443	4/28/13 20:00	37.874	21.906	34.471	36.068		29.660	36.502
12/7/12 1:20	38.279	38.165	33.431	4/28/13 21:00	37.890	21.906	34.483	36.073		29.768	36.597
12/7/12 1:40	38.272	38.160	33.424	4/28/13 22:00	37.916	21.918	34.511	36.087		29.721	36.576

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/7/12 2:00	38.267	38.153	33.417	4/28/13 23:00	37.937	21.927	34.357	36.108		29.669	36.511
12/7/12 2:20	38.267	38.153	33.412	4/29/13 0:00	37.967	21.927	34.308	36.124		29.637	36.464
12/7/12 2:40	38.265	38.151	33.412	4/29/13 1:00	37.988	21.945	34.317	36.152		29.655	36.459
12/7/12 3:00	38.279	38.167	33.501	4/29/13 2:00	37.993	21.950	34.354	36.168		29.634	36.455
12/7/12 3:20	38.272	38.160	33.438	4/29/13 3:00	37.997	21.941	34.292	36.173		29.632	36.457
12/7/12 3:40	38.274	38.163	33.426	4/29/13 4:00	37.995	21.934	34.275	36.173		29.613	36.445
12/7/12 4:00	38.265	38.151	33.419	4/29/13 5:00	38.013	21.938	34.268	36.171		29.602	36.441
12/7/12 4:20	38.255	38.144	33.405	4/29/13 6:00	38.016	21.943	34.264	36.189		29.611	36.438
12/7/12 4:40	38.258	38.144	33.400	4/29/13 7:00	38.025	21.938	34.264	36.189		29.604	36.436
12/7/12 5:00	38.255	38.142	33.398	4/29/13 8:00	38.023	21.945	34.259	36.201		29.604	36.441
12/7/12 5:20	38.248	38.135	33.391	4/29/13 9:00	38.037	21.943	34.264	36.194		29.595	36.443
12/7/12 5:40	38.244	38.132	33.384	4/29/13 10:00	38.025	21.948	34.364	36.208		29.618	36.464
12/7/12 6:00	38.234	38.123	33.372	4/29/13 11:00	38.006	21.929	34.699	36.199		29.789	36.647
12/7/12 6:20	38.239	38.121	33.368	4/29/13 12:00	37.995	21.901	34.499	36.185		29.800	36.689
12/7/12 6:40	38.230	38.121	33.368	4/29/13 13:00	37.981	21.901	34.559	36.178		29.791	36.679
12/7/12 7:00	38.227	38.116	33.363	4/29/13 14:00	37.948	21.885	34.552	36.164		29.793	36.677
12/7/12 7:20	38.225	38.111	33.353	4/29/13 15:00	37.920	21.838	34.620	36.131		29.718	36.621
12/7/12 7:40	38.225	38.109	33.349	4/29/13 16:00	37.888	21.813	34.548	36.108		29.784	36.682
12/7/12 8:00	38.225	38.111	33.353	4/29/13 17:00	37.867	21.787	34.343	36.077		29.651	36.548
12/7/12 8:20	38.227	38.114	33.356	4/29/13 18:00	37.857	21.761	34.313	36.059		29.590	36.471
12/7/12 8:40	38.223	38.109	33.353	4/29/13 19:00	37.846	21.750	34.317	36.049		29.569	36.450
12/7/12 9:00	38.218	38.102	33.349	4/29/13 20:00	37.846	21.745	34.317	36.040		29.545	36.415
12/7/12 9:20	38.234	38.123	33.410	4/29/13 21:00	37.855	21.736	34.483	36.035		29.583	36.464
12/7/12 9:40	38.237	38.123	33.382	4/29/13 22:00	37.904	21.745	34.676	36.049		29.751	36.618
12/7/12 10:00	38.234	38.121	33.375	4/29/13 23:00	37.932	21.785	34.681	36.096		29.779	36.663
12/7/12 10:20	38.251	38.137	33.426	4/30/13 0:00	37.944	21.789	34.737	36.119		29.826	36.691
12/7/12 10:40	38.237	38.125	33.391	4/30/13 1:00	37.951	21.799	34.741	36.129		29.840	36.710
12/7/12 11:00	38.295	38.179	33.907	4/30/13 2:00	37.972	21.801	34.755	36.138		29.866	36.724
12/7/12 11:20	38.349	38.240	34.020	4/30/13 3:00	37.983	21.801	34.792	36.154		29.894	36.735
12/7/12 11:40	38.363	38.256	33.935	4/30/13 4:00	37.979	21.806	34.802	36.166		29.908	36.749
12/7/12 12:00	38.332	38.226	33.590	4/30/13 5:00	37.983	21.796	34.804	36.164		29.919	36.763
12/7/12 12:20	38.325	38.216	33.656	4/30/13 6:00	37.983	21.789	34.830	36.166		29.931	36.770
12/7/12 12:40	38.325	38.219	33.593	4/30/13 7:00	37.993	21.782	34.839	36.168		29.948	36.773
12/7/12 13:00	38.311	38.207	33.550	4/30/13 8:00	38.002	21.787	34.839	36.175		29.962	36.778

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/7/12 13:20	38.283	38.177	33.475	4/30/13 9:00	38.034	21.801	34.641	36.189		29.931	36.738
12/7/12 13:40	38.286	38.177	33.609	4/30/13 10:00	38.051	21.838	34.525	36.215		29.828	36.623
12/7/12 14:00	38.269	38.160	33.454	4/30/13 11:00	38.044	21.841	34.459	36.224		29.789	36.558
12/7/12 14:20	38.255	38.146	33.419	4/30/13 12:00	38.053	21.827	34.410	36.217		29.751	36.523
12/7/12 14:40	38.253	38.139	33.640	4/30/13 13:00	38.034	21.836	34.450	36.227		29.739	36.506
12/7/12 15:00	38.246	38.135	33.421	4/30/13 14:00	38.027	21.822	34.441	36.210		29.772	36.544
12/7/12 15:20	38.230	38.121	33.384	4/30/13 15:00	38.027	21.806	34.401	36.201		29.730	36.527
12/7/12 15:40	38.220	38.109	33.370	4/30/13 16:00	38.009	21.803	34.361	36.203		29.695	36.506
12/7/12 16:00	38.237	38.125	33.429	4/30/13 17:00	37.995	21.789	34.324	36.185		29.665	36.476
12/7/12 16:20	38.225	38.114	33.384	4/30/13 18:00	38.004	21.785	34.327	36.173		29.669	36.473
12/7/12 16:40	38.234	38.125	33.445	4/30/13 19:00	38.020	21.787	34.327	36.180		29.658	36.466
12/7/12 17:00	38.241	38.125	33.663	4/30/13 20:00	38.041	21.808	34.378	36.194		29.660	36.478
12/7/12 17:20	38.295	38.177	33.644	4/30/13 21:00	38.060	21.831	34.334	36.215		29.667	36.476
12/7/12 17:40	38.314	38.205	33.595	4/30/13 22:00	38.083	21.845	34.338	36.231		29.683	36.480
12/7/12 18:00	38.311	38.202	33.572	4/30/13 23:00	38.111	21.869	34.343	36.252		29.683	36.483
12/7/12 18:20	38.323	38.212	33.773	5/1/13 0:00	38.121	21.894	34.357	36.278		29.702	36.492
12/7/12 18:40	38.304	38.193	33.499	5/1/13 1:00	38.149	21.906	34.364	36.285		29.707	36.506
12/7/12 19:00	38.309	38.202	33.529	5/1/13 2:00	38.167	21.936	34.389	36.308		29.730	36.530
12/7/12 19:20	38.300	38.191	33.468	5/1/13 3:00	38.179	21.957	34.408	36.329		29.761	36.551
12/7/12 19:40	38.307	38.191	33.553	5/1/13 4:00	38.193	21.973	34.452	36.341		29.796	36.588
12/7/12 20:00	38.332	38.224	33.525	5/1/13 5:00	38.195	21.994	34.459	36.355		29.800	36.604
12/7/12 20:20	38.316	38.205	33.473	5/1/13 6:00	38.218	22.001	34.469	36.357		29.810	36.611
12/7/12 20:40	38.304	38.193	33.452	5/1/13 7:00	38.242	22.022	34.487	36.376		29.842	36.637
12/7/12 21:00	38.300	38.188	33.443	5/1/13 8:00	38.281	22.060	34.527	36.399		29.870	36.661
12/7/12 21:20	38.295	38.184	33.438	5/1/13 9:00	38.279	22.099	34.562	36.434		29.915	36.703
12/7/12 21:40	38.293	38.179	33.431	5/1/13 10:00	38.302	22.104	34.573	36.437		29.933	36.703
12/7/12 22:00	38.290	38.179	33.433	5/1/13 11:00	38.302	22.130	34.608	36.458		29.971	36.738
12/7/12 22:20	38.286	38.172	33.429	5/1/13 12:00	38.302	22.148	34.634	36.458		29.992	36.766
12/7/12 22:40	38.283	38.172	33.429	5/1/13 13:00	38.305	22.151	34.646	36.456		30.006	36.785
12/7/12 23:00	38.302	38.188	33.572	5/1/13 14:00	38.298	22.162	34.667	36.460		30.025	36.803
12/7/12 23:20	38.300	38.188	33.468	5/1/13 15:00	38.298	22.172	34.678	36.453		30.036	36.820
12/7/12 23:40	38.295	38.184	33.450	5/1/13 16:00	38.305	22.200	34.704	36.456		30.064	36.843
12/8/12 0:00	38.286	38.174	33.438	5/1/13 17:00	38.305	22.209	34.718	36.463		30.081	36.850
12/8/12 0:20	38.283	38.170	33.429	5/1/13 18:00	38.286	22.223	34.739	36.460		30.092	36.873

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/8/12 0:40	38.288	38.174	33.433	5/1/13 19:00	38.286	22.228	34.744	36.451		30.102	36.880
12/8/12 1:00	38.283	38.172	33.431	5/1/13 20:00	38.281	22.246	34.755	36.449		30.113	36.890
12/8/12 1:20	38.283	38.167	33.426	5/1/13 21:00	38.291	22.258	34.841	36.446		30.149	36.923
12/8/12 1:40	38.283	38.170	33.426	5/1/13 22:00	38.302	22.293	34.830	36.456		30.181	36.948
12/8/12 2:00	38.279	38.167	33.421	5/1/13 23:00	38.302	22.311	34.827	36.467		30.186	36.941
12/8/12 2:20	38.274	38.160	33.417	5/2/13 0:00	38.298	22.335	34.839	36.470		30.198	36.955
12/8/12 2:40	38.288	38.172	33.609	5/2/13 1:00	38.288	22.325	34.851	36.458		30.230	36.972
12/8/12 3:00	38.286	38.172	33.450	5/2/13 2:00	38.284	22.353	34.874	36.451		30.240	36.990
12/8/12 3:20	38.283	38.172	33.433	5/2/13 3:00	38.279	22.344	34.855	36.449		30.221	36.979
12/8/12 3:40	38.276	38.165	33.424	5/2/13 4:00	38.288	22.358	34.858	36.444		30.223	36.979
12/8/12 4:00	38.274	38.163	33.419	5/2/13 5:00	38.279	22.391	34.867	36.451		30.251	36.990
12/8/12 4:20	38.272	38.158	33.412	5/2/13 6:00	38.279	22.391	34.874	36.444		30.249	36.993
12/8/12 4:40	38.272	38.158	33.410	5/2/13 7:00	38.286	22.407	34.883	36.441		30.254	37.007
12/8/12 5:00	38.267	38.156	33.405	5/2/13 8:00	38.284	22.433	34.962	36.451		30.322	37.051
12/8/12 5:20	38.265	38.149	33.400	5/2/13 9:00	38.277	22.442	35.058	36.446		30.361	37.112
12/8/12 5:40	38.262	38.151	33.398	5/2/13 10:00	38.258	22.463	35.063	36.441		30.350	37.114
12/8/12 6:00	38.260	38.144	33.396	5/2/13 11:00	38.244	22.444	35.011	36.423		30.366	37.114
12/8/12 6:20	38.260	38.149	33.396	5/2/13 12:00	38.225	22.442	34.958	36.411		30.324	37.077
12/8/12 6:40	38.260	38.149	33.396	5/2/13 13:00	38.214	22.444	35.014	36.390		30.322	37.082
12/8/12 7:00	38.258	38.144	33.393	5/2/13 14:00	38.179	22.437	35.000	36.381		30.354	37.100
12/8/12 7:20	38.260	38.144	33.393	5/2/13 15:00	38.158	22.421	35.002	36.350		30.298	37.068
12/8/12 7:40	38.260	38.146	33.393	5/2/13 16:00	38.135	22.414	34.958	36.332		30.270	37.037
12/8/12 8:00	38.262	38.146	33.393	5/2/13 17:00	38.118	22.398	34.935	36.311		30.284	37.039
12/8/12 8:20	38.279	38.163	33.529	5/2/13 18:00	38.107	22.393	34.895	36.294		30.256	37.009
12/8/12 8:40	38.272	38.158	33.428	5/2/13 19:00	38.095	22.388	34.953	36.283		30.226	37.007
12/8/12 9:00	38.272	38.158	33.412	5/2/13 20:00	38.093	22.386	34.853	36.273		30.209	36.986
12/8/12 9:20	38.274	38.160	33.403	5/2/13 21:00	38.086	22.386	34.839	36.271		30.202	36.972
12/8/12 9:40	38.272	38.158	33.398	5/2/13 22:00	38.088	22.384	34.827	36.266		30.193	36.960
12/8/12 10:00	38.293	38.181	33.501	5/2/13 23:00	38.083	22.388	34.797	36.269		30.163	36.932
12/8/12 10:20	38.311	38.198	33.546	5/3/13 0:00	38.072	22.379	34.774	36.262		30.139	36.906
12/8/12 10:40	38.328	38.216	33.813	5/3/13 1:00	38.058	22.367	34.746	36.250		30.116	36.880
12/8/12 11:00	38.388	38.284	33.893	5/3/13 2:00	38.044	22.356	34.744	36.238		30.116	36.876
12/8/12 11:20	38.398	38.296	33.816	5/3/13 3:00	38.027	22.337	34.702	36.222		30.076	36.845
12/8/12 11:40	38.381	38.277	33.722	5/3/13 4:00	38.020	22.325	34.674	36.208		30.041	36.822

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/8/12 12:00	38.372	38.268	33.670	5/3/13 5:00	38.018	22.316	34.653	36.201		30.018	36.803
12/8/12 12:20	38.335	38.230	33.548	5/3/13 6:00	38.016	22.318	34.636	36.199		30.001	36.792
12/8/12 12:40	38.323	38.219	33.546	5/3/13 7:00	38.013	22.314	34.627	36.194		29.994	36.780
12/8/12 13:00	38.330	38.221	33.790	5/3/13 8:00	38.020	22.311	34.618	36.192		29.985	36.770
12/8/12 13:20	38.309	38.200	33.522	5/3/13 9:00	38.030	22.307	34.608	36.208		29.976	36.766
12/8/12 13:40	38.283	38.174	33.461	5/3/13 10:00	38.041	22.286	34.660	36.245		29.955	36.770
12/8/12 14:00	38.262	38.153	33.429	5/3/13 11:00	38.053	22.263	34.709	36.185		29.990	36.824
12/8/12 14:20	38.241	38.132	33.398	5/3/13 12:00	37.990	22.237	34.657	36.171		29.987	36.850
12/8/12 14:40	38.227	38.116	33.377	5/3/13 13:00	38.034	22.218	34.695	36.164		30.022	36.885
12/8/12 15:00	38.230	38.121	33.405	5/3/13 14:00	37.974	22.186	34.671	36.138		29.987	36.852
12/8/12 15:20	38.209	38.097	33.360	5/3/13 15:00	38.013	22.160	34.648	36.115		29.922	36.792
12/8/12 15:40	38.206	38.090	33.588	5/3/13 16:00	37.902	22.141	34.541	36.105		29.873	36.726
12/8/12 16:00	38.216	38.104	33.611	5/3/13 17:00	37.899	22.132	34.485	36.094		29.824	36.670
12/8/12 16:20	38.223	38.116	33.487	5/3/13 18:00	37.904	22.120	34.448	36.091		29.796	36.628
12/8/12 16:40	38.202	38.093	33.377	5/3/13 19:00	37.909	22.118	34.424	36.094		29.772	36.604
12/8/12 17:00	38.211	38.100	33.644	5/3/13 20:00	37.920	22.109	34.406	36.096		29.749	36.586
12/8/12 17:20	38.227	38.118	33.640	5/3/13 21:00	37.932	22.106	34.394	36.108		29.735	36.581
12/8/12 17:40	38.232	38.125	33.520	5/3/13 22:00	37.955	22.113	34.457	36.122		29.746	36.602
12/8/12 18:00	38.234	38.128	33.518	5/3/13 23:00	37.969	22.120	34.429	36.140		29.768	36.607
12/8/12 18:20	38.225	38.121	33.447	5/4/13 0:00	37.972	22.116	34.403	36.152		29.746	36.581
12/8/12 18:40	38.206	38.100	33.384	5/4/13 1:00	37.972	22.099	34.382	36.152		29.728	36.565
12/8/12 19:00	38.211	38.104	33.412	5/4/13 2:00	37.969	22.097	34.371	36.152		29.714	36.553
12/8/12 19:20	38.202	38.090	33.365	5/4/13 3:00	37.967	22.081	34.350	36.147		29.704	36.539
12/8/12 19:40	38.216	38.102	33.344	5/4/13 4:00	37.979	22.076	34.341	36.150		29.683	36.530
12/8/12 20:00	38.241	38.130	33.471	5/4/13 5:00	37.990	22.088	34.338	36.136		29.679	36.530
12/8/12 20:20	38.232	38.121	33.360	5/4/13 6:00	37.993	22.088	34.336	36.138		29.681	36.530
12/8/12 20:40	38.218	38.107	33.337	5/4/13 7:00	38.002	22.076	34.331	36.129		29.679	36.530
12/8/12 21:00	38.209	38.097	33.330	5/4/13 8:00	38.006	22.081	34.336	36.131		29.676	36.532
12/8/12 21:20	38.204	38.093	33.325	5/4/13 9:00	38.016	22.076	34.331	36.157		29.674	36.537
12/8/12 21:40	38.197	38.086	33.321	5/4/13 10:00	38.025	22.081	34.341	36.187		29.674	36.537
12/8/12 22:00	38.195	38.083	33.318	5/4/13 11:00	38.027	22.074	34.341	36.215		29.683	36.539
12/8/12 22:20	38.216	38.107	33.389	5/4/13 12:00	38.048	22.081	34.341	36.245		29.679	36.546
12/8/12 22:40	38.204	38.093	33.349	5/4/13 13:00	38.051	22.085	34.415	36.262		29.690	36.558
12/8/12 23:00	38.197	38.086	33.332	5/4/13 14:00	38.062	22.081	34.373	36.269		29.711	36.569

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/8/12 23:20	38.197	38.086	33.325	5/4/13 15:00	38.051	22.081	34.410	36.276		29.751	36.593
12/8/12 23:40	38.190	38.079	33.318	5/4/13 16:00	38.062	22.069	34.378	36.283		29.714	36.579
12/9/12 0:00	38.188	38.076	33.318	5/4/13 17:00	38.067	22.078	34.375	36.285		29.711	36.579
12/9/12 0:20	38.192	38.078	33.321	5/4/13 18:00	38.072	22.085	34.373	36.278		29.718	36.572
12/9/12 0:40	38.192	38.079	33.318	5/4/13 19:00	38.083	22.088	34.452	36.280		29.732	36.593
12/9/12 1:00	38.190	38.078	33.318	5/4/13 20:00	38.102	22.092	34.490	36.266		29.810	36.663
12/9/12 1:20	38.188	38.076	33.316	5/4/13 21:00	38.109	22.104	34.585	36.250		29.845	36.712
12/9/12 1:40	38.185	38.072	33.309	5/4/13 22:00	38.128	22.109	34.532	36.236		29.838	36.705
12/9/12 2:00	38.185	38.071	33.309	5/4/13 23:00	38.137	22.123	34.494	36.222		29.828	36.686
12/9/12 2:20	38.183	38.067	33.302	5/5/13 0:00	38.139	22.127	34.504	36.213		29.835	36.693
12/9/12 2:40	38.183	38.069	33.304	5/5/13 1:00	38.128	22.134	34.515	36.203		29.847	36.693
12/9/12 3:00	38.178	38.067	33.300	5/5/13 2:00	38.125	22.125	34.518	36.206		29.835	36.689
12/9/12 3:20	38.178	38.064	33.297	5/5/13 3:00	38.116	22.120	34.487	36.203		29.826	36.677
12/9/12 3:40	38.178	38.069	33.302	5/5/13 4:00	38.118	22.109	34.469	36.201		29.810	36.663
12/9/12 4:00	38.183	38.072	33.302	5/5/13 5:00	38.118	22.116	34.490	36.201		29.826	36.675
12/9/12 4:20	38.183	38.067	33.300	5/5/13 6:00	38.116	22.118	34.478	36.199		29.824	36.668
12/9/12 4:40	38.185	38.074	33.307	5/5/13 7:00	38.123	22.118	34.476	36.196		29.819	36.668
12/9/12 5:00	38.188	38.074	33.307	5/5/13 8:00	38.130	22.125	34.532	36.199		29.819	36.677
12/9/12 5:20	38.192	38.078	33.311	5/5/13 9:00	38.135	22.146	34.583	36.206		29.875	36.728
12/9/12 5:40	38.204	38.090	33.321	5/5/13 10:00	38.130	22.146	34.585	36.217		29.919	36.773
12/9/12 6:00	38.206	38.093	33.328	5/5/13 11:00	38.132	22.134	34.545	36.238		29.880	36.740
12/9/12 6:20	38.213	38.100	33.337	5/5/13 12:00	38.116	22.139	34.555	36.259		29.884	36.747
12/9/12 6:40	38.220	38.104	33.339	5/5/13 13:00	38.095	22.125	34.587	36.290		29.880	36.742
12/9/12 7:00	38.223	38.107	33.344	5/5/13 14:00	38.067	22.102	34.725	36.355		29.929	36.789
12/9/12 7:20	38.234	38.121	33.356	5/5/13 15:00	38.051	22.078	34.653	36.241		29.917	36.796
12/9/12 7:40	38.239	38.123	33.358	5/5/13 16:00	38.027	22.069	34.534	36.224		29.859	36.735
12/9/12 8:00	38.265	38.151	33.436	5/5/13 17:00	38.013	22.050	34.520	36.203		29.817	36.700
12/9/12 8:20	38.272	38.158	33.407	5/5/13 18:00	38.009	22.036	34.466	36.192		29.800	36.672
12/9/12 8:40	38.274	38.158	33.400	5/5/13 19:00	38.009	22.030	34.490	36.189		29.812	36.691
12/9/12 9:00	38.283	38.170	33.410	5/5/13 20:00	38.011	22.039	34.569	36.187		29.824	36.703
12/9/12 9:20	38.295	38.181	33.419	5/5/13 21:00	38.037	22.044	34.606	36.192		29.814	36.714
12/9/12 9:40	38.307	38.191	33.429	5/5/13 22:00	38.055	22.067	34.625	36.213		29.903	36.782
12/9/12 10:00	38.316	38.200	33.431	5/5/13 23:00	38.072	22.081	34.532	36.231		29.849	36.728
12/9/12 10:20	38.332	38.216	33.443	5/6/13 0:00	38.069	22.083	34.504	36.245		29.835	36.696

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/9/12 10:40	38.337	38.226	33.457	5/6/13 1:00	38.072	22.071	34.480	36.238		29.812	36.675
12/9/12 11:00	38.346	38.228	33.459	5/6/13 2:00	38.072	22.074	34.466	36.243		29.810	36.661
12/9/12 11:20	38.346	38.235	33.466	5/6/13 3:00	38.060	22.064	34.452	36.243		29.798	36.649
12/9/12 11:40	38.360	38.242	33.482	5/6/13 4:00	38.060	22.055	34.434	36.231		29.777	36.635
12/9/12 12:00	38.372	38.256	33.497	5/6/13 5:00	38.062	22.060	34.429	36.231		29.768	36.630
12/9/12 12:20	38.377	38.258	33.504	5/6/13 6:00	38.072	22.062	34.424	36.234		29.770	36.628
12/9/12 12:40	38.402	38.287	33.602	5/6/13 7:00	38.088	22.062	34.427	36.241		29.768	36.628
12/9/12 13:00	38.386	38.272	33.541	5/6/13 8:00	38.104	22.083	34.441	36.257		29.777	36.642
12/9/12 13:20	38.391	38.277	33.532	5/6/13 9:00	38.109	22.092	34.452	36.269		29.789	36.654
12/9/12 13:40	38.398	38.282	33.527	5/6/13 10:00	38.107	22.095	34.483	36.273		29.821	36.684
12/9/12 14:00	38.400	38.289	33.522	5/6/13 11:00	38.093	22.083	34.469	36.271		29.807	36.682
12/9/12 14:20	38.398	38.284	33.520	5/6/13 12:00	38.076	22.071	34.664	36.257		29.798	36.705
12/9/12 14:40	38.391	38.280	33.515	5/6/13 13:00	38.058	22.071	34.972	36.248		30.020	36.923
12/9/12 15:00	38.386	38.275	33.513	5/6/13 14:00	38.034	22.034	35.074	36.231		30.109	37.030
12/9/12 15:20	38.386	38.270	33.511	5/6/13 15:00	38.018	22.025	35.044	36.213		30.142	37.058
12/9/12 15:40	38.402	38.282	33.710	5/6/13 16:00	37.997	22.006	35.074	36.201		30.132	37.051
12/9/12 16:00	38.393	38.282	33.550	5/6/13 17:00	37.986	21.985	35.060	36.182		30.113	37.032
12/9/12 16:20	38.388	38.275	33.536	5/6/13 18:00	37.986	21.985	35.158	36.175		30.198	37.086
12/9/12 16:40	38.386	38.272	33.534	5/6/13 19:00	37.995	21.981	35.018	36.175		30.207	37.079
12/9/12 17:00	38.386	38.275	33.534	5/6/13 20:00	37.993	21.985	34.853	36.182		30.055	36.923
12/9/12 17:20	38.388	38.273	33.529	5/6/13 21:00	38.006	21.983	34.711	36.180		30.004	36.850
12/9/12 17:40	38.407	38.298	33.623	5/6/13 22:00	38.025	21.990	34.629	36.189		29.948	36.773
12/9/12 18:00	38.405	38.291	33.572	5/6/13 23:00	38.034	22.002	34.576	36.208		29.903	36.717
12/9/12 18:20	38.405	38.294	33.562	5/7/13 0:00	38.030	21.999	34.573	36.215		29.873	36.691
12/9/12 18:40	38.423	38.310	33.687	5/7/13 1:00	38.037	21.992	34.594	36.208		29.877	36.700
12/9/12 19:00	38.426	38.312	33.600	5/7/13 2:00	38.044	22.002	34.520	36.215		29.856	36.670
12/9/12 19:20	38.479	38.371	33.736	5/7/13 3:00	38.044	22.002	34.513	36.220		29.854	36.663
12/9/12 19:40	38.549	38.441	34.083	5/7/13 4:00	38.041	21.988	34.499	36.217		29.840	36.654
12/9/12 20:00	38.549	38.438	33.830	5/7/13 5:00	38.046	21.990	34.464	36.217		29.803	36.625
12/9/12 20:20	38.542	38.429	33.996	5/7/13 6:00	38.046	21.992	34.448	36.220		29.793	36.614
12/9/12 20:40	38.533	38.427	33.755	5/7/13 7:00	38.051	21.990	34.431	36.220		29.777	36.607
12/9/12 21:00	38.517	38.403	33.712	5/7/13 8:00	38.053	21.997	34.455	36.224		29.793	36.625
12/9/12 21:20	38.526	38.415	33.755	5/7/13 9:00	38.055	21.999	34.459	36.227		29.798	36.633
12/9/12 21:40	38.540	38.431	33.844	5/7/13 10:00	38.053	21.997	34.441	36.227		29.772	36.630

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/9/12 22:00	38.523	38.415	33.736	5/7/13 11:00	38.046	21.985	34.471	36.224		29.768	36.633
12/9/12 22:20	38.510	38.403	33.710	5/7/13 12:00	38.041	21.983	34.459	36.220		29.763	36.628
12/9/12 22:40	38.500	38.392	33.691	5/7/13 13:00	38.034	21.978	34.480	36.215		29.805	36.670
12/9/12 23:00	38.510	38.399	33.738	5/7/13 14:00	38.013	21.962	34.552	36.208		29.812	36.684
12/9/12 23:20	38.517	38.410	33.773	5/7/13 15:00	37.990	21.943	34.452	36.189		29.779	36.642
12/9/12 23:40	38.500	38.387	33.708	5/7/13 16:00	37.974	21.920	34.457	36.168		29.739	36.607
12/10/12 0:00	38.489	38.380	33.684	5/7/13 17:00	37.962	21.920	34.539	36.152		29.697	36.569
12/10/12 0:20	38.491	38.375	33.905	5/7/13 18:00	37.946	21.890	34.790	36.145		29.863	36.735
12/10/12 0:40	38.486	38.375	33.701	5/7/13 19:00	37.939	21.876	34.699	36.133		29.933	36.817
12/10/12 1:00	38.475	38.364	33.670	5/7/13 20:00	37.946	21.866	34.643	36.126		29.868	36.756
12/10/12 1:20	38.468	38.359	33.658	5/7/13 21:00	37.967	21.871	34.543	36.131		29.796	36.675
12/10/12 1:40	38.456	38.345	33.647	5/7/13 22:00	37.983	21.899	34.501	36.150		29.803	36.656
12/10/12 2:00	38.442	38.331	33.628	5/7/13 23:00	38.041	21.883	34.441	36.166		29.765	36.604
12/10/12 2:20	38.433	38.322	33.616	5/8/13 0:00	38.076	21.967	34.441	36.220		29.746	36.588
12/10/12 2:40	38.426	38.310	33.607	5/8/13 1:00	37.986	21.960	34.410	36.248		29.761	36.565
12/10/12 3:00	38.421	38.310	33.600	5/8/13 2:00	37.995	21.873	34.343	36.159		29.669	36.518
12/10/12 3:20	38.437	38.329	33.731	5/8/13 3:00	37.995	21.883	34.327	36.168		29.655	36.504
12/10/12 3:40	38.426	38.317	33.635	5/8/13 4:00	37.995	21.878	34.308	36.168		29.644	36.488
12/10/12 4:00	38.421	38.310	33.614	5/8/13 5:00	37.990	21.873	34.294	36.168		29.630	36.476
12/10/12 4:20	38.409	38.298	33.600	5/8/13 6:00	38.002	21.880	34.287	36.161		29.611	36.471
12/10/12 4:40	38.402	38.296	33.590	5/8/13 7:00	38.020	21.883	34.282	36.175		29.613	36.469
12/10/12 5:00	38.398	38.286	33.581	5/8/13 8:00	38.041	21.894	34.347	36.192		29.623	36.485
12/10/12 5:20	38.391	38.282	33.574	5/8/13 9:00	38.023	21.901	34.313	36.210		29.646	36.504
12/10/12 5:40	38.388	38.272	33.569	5/8/13 10:00	38.025	21.878	34.292	36.192		29.625	36.497
12/10/12 6:00	38.379	38.268	33.558	5/8/13 11:00	38.027	21.880	34.289	36.194		29.618	36.497
12/10/12 6:20	38.372	38.261	33.548	5/8/13 12:00	38.025	21.885	34.322	36.196		29.637	36.513
12/10/12 6:40	38.367	38.254	33.541	5/8/13 13:00	38.018	21.876	34.373	36.194		29.639	36.527
12/10/12 7:00	38.370	38.258	33.543	5/8/13 14:00	38.011	21.864	34.303	36.187		29.627	36.518
12/10/12 7:20	38.377	38.261	33.541	5/8/13 15:00	38.009	21.850	34.301	36.182		29.625	36.518
12/10/12 7:40	38.381	38.270	33.543	5/8/13 16:00	37.990	21.850	34.275	36.180		29.606	36.488
12/10/12 8:00	38.377	38.263	33.539	5/8/13 17:00	37.981	21.822	34.378	36.161		29.578	36.480
12/10/12 8:20	38.388	38.275	33.539	5/8/13 18:00	37.986	21.822	34.359	36.154		29.620	36.520
12/10/12 8:40	38.388	38.275	33.539	5/8/13 19:00	37.981	21.817	34.289	36.159		29.604	36.509
12/10/12 9:00	38.386	38.275	33.543	5/8/13 20:00	37.967	21.813	34.313	36.154		29.620	36.520

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/10/12 9:20	38.405	38.294	33.651	5/8/13 21:00	37.990	21.820	34.338	36.143		29.606	36.520
12/10/12 9:40	38.412	38.305	33.637	5/8/13 22:00	38.009	21.827	34.287	36.166		29.599	36.499
12/10/12 10:00	38.395	38.284	33.583	5/8/13 23:00	38.048	21.824	34.373	36.180		29.616	36.506
12/10/12 10:20	38.381	38.273	33.558	5/9/13 0:00	38.067	21.883	34.331	36.210		29.639	36.513
12/10/12 10:40	38.391	38.284	33.649	5/9/13 1:00	38.002	21.869	34.329	36.227		29.660	36.530
12/10/12 11:00	38.384	38.273	33.607	5/9/13 2:00	38.069	21.845	34.324	36.168		29.599	36.513
12/10/12 11:20	38.391	38.282	33.604	5/9/13 3:00	38.060	21.873	34.394	36.236		29.681	36.553
12/10/12 11:40	38.384	38.272	33.564	5/9/13 4:00	38.034	21.841	34.324	36.227		29.660	36.532
12/10/12 12:00	38.407	38.296	33.991	5/9/13 5:00	38.046	21.829	34.331	36.199		29.637	36.523
12/10/12 12:20	38.398	38.289	33.635	5/9/13 6:00	38.039	21.841	34.301	36.213		29.625	36.509
12/10/12 12:40	38.372	38.265	33.567	5/9/13 7:00	38.058	21.834	34.287	36.203		29.611	36.495
12/10/12 13:00	38.379	38.270	33.797	5/9/13 8:00	38.076	21.857	34.375	36.222		29.646	36.520
12/10/12 13:20	38.360	38.252	33.565	5/9/13 9:00	38.093	21.878	34.338	36.241		29.662	36.537
12/10/12 13:40	38.349	38.242	33.642	5/9/13 10:00	38.116	21.894	34.431	36.259		29.702	36.586
12/10/12 14:00	38.325	38.216	33.520	5/9/13 11:00	38.125	21.922	34.392	36.278		29.709	36.586
12/10/12 14:20	38.339	38.235	33.658	5/9/13 12:00	38.130	21.925	34.408	36.285		29.728	36.607
12/10/12 14:40	38.314	38.212	33.511	5/9/13 13:00	38.116	21.922	34.552	36.292		29.810	36.670
12/10/12 15:00	38.290	38.184	33.461	5/9/13 14:00	38.102	21.911	34.529	36.278		29.775	36.670
12/10/12 15:20	38.335	38.291	33.431	5/9/13 15:00	38.090	21.901	34.562	36.266		29.819	36.703
12/10/12 15:40	38.314	38.261	33.412	5/9/13 16:00	38.081	21.897	34.492	36.257		29.786	36.677
12/10/12 16:00	38.330	38.289	33.398	5/9/13 17:00	38.079	21.897	34.499	36.248		29.754	36.628
12/10/12 16:20	38.314	38.233	33.386	5/9/13 18:00	38.076	21.904	34.417	36.243		29.744	36.611
12/10/12 16:40	38.321	38.235	33.466	5/9/13 19:00	38.086	21.899	34.471	36.243		29.746	36.604
12/10/12 17:00	38.265	38.158	33.407	5/9/13 20:00	38.097	21.911	34.436	36.250		29.756	36.618
12/10/12 17:20	38.241	38.132	33.384	5/9/13 21:00	38.109	21.929	34.506	36.262		29.772	36.647
12/10/12 17:40	38.286	38.179	33.769	5/9/13 22:00	38.121	21.934	34.492	36.273		29.814	36.670
12/10/12 18:00	38.281	38.177	33.529	5/9/13 23:00	38.116	21.953	34.487	36.285		29.805	36.668
12/10/12 18:20	38.255	38.151	33.443	5/10/13 0:00	38.130	21.943	34.457	36.280		29.784	36.649
12/10/12 18:40	38.241	38.135	33.405	5/10/13 1:00	38.128	21.976	34.462	36.292		29.789	36.649
12/10/12 19:00	38.230	38.121	33.386	5/10/13 2:00	38.130	21.969	34.452	36.287		29.791	36.642
12/10/12 19:20	38.223	38.114	33.375	5/10/13 3:00	38.121	21.969	34.448	36.290		29.784	36.642
12/10/12 19:40	38.239	38.130	33.473	5/10/13 4:00	38.111	21.957	34.436	36.283		29.777	36.633
12/10/12 20:00	38.265	38.153	33.743	5/10/13 5:00	38.118	21.957	34.431	36.273		29.765	36.625
12/10/12 20:20	38.267	38.158	33.623	5/10/13 6:00	38.118	21.974	34.436	36.278		29.777	36.625

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/10/12 20:40	38.337	38.231	34.057	5/10/13 7:00	38.121	21.971	34.434	36.280		29.772	36.621
12/10/12 21:00	38.335	38.231	33.736	5/10/13 8:00	38.132	21.990	34.441	36.283		29.772	36.633
12/10/12 21:20	38.332	38.230	33.724	5/10/13 9:00	38.142	22.011	34.459	36.292		29.784	36.644
12/10/12 21:40	38.328	38.228	33.614	5/10/13 10:00	38.132	22.009	34.464	36.304		29.807	36.658
12/10/12 22:00	38.328	38.221	33.769	5/10/13 11:00	38.132	21.999	34.466	36.292		29.800	36.668
12/10/12 22:20	38.332	38.228	33.694	5/10/13 12:00	38.137	22.013	34.497	36.294		29.826	36.698
12/10/12 22:40	38.311	38.205	33.534	5/10/13 13:00	38.135	22.020	34.629	36.299		29.826	36.714
12/10/12 23:00	38.297	38.186	33.532	5/10/13 14:00	38.111	22.011	34.541	36.299		29.873	36.745
12/10/12 23:20	38.300	38.193	33.513	5/10/13 15:00	38.086	21.999	34.592	36.278		29.835	36.719
12/10/12 23:40	38.288	38.181	33.473	5/10/13 16:00	38.060	21.974	34.501	36.257		29.824	36.717
12/11/12 0:00	38.300	38.191	33.565	5/10/13 17:00	38.046	21.953	34.473	36.234		29.786	36.686
12/11/12 0:20	38.286	38.177	33.475	5/10/13 18:00	38.041	21.948	34.548	36.222		29.800	36.698
12/11/12 0:40	38.279	38.170	33.454	5/10/13 19:00	38.037	21.950	34.534	36.213		29.807	36.698
12/11/12 1:00	38.276	38.170	33.445	5/10/13 20:00	38.046	21.950	34.573	36.210		29.819	36.700
12/11/12 1:20	38.272	38.160	33.438	5/10/13 21:00	38.058	21.964	34.532	36.220		29.793	36.677
12/11/12 1:40	38.265	38.153	33.429	5/10/13 22:00	38.083	21.978	34.471	36.229		29.793	36.661
12/11/12 2:00	38.258	38.146	33.417	5/10/13 23:00	38.093	22.002	34.469	36.250		29.793	36.651
12/11/12 2:20	38.255	38.142	33.412	5/11/13 0:00	38.100	22.006	34.466	36.259		29.796	36.651
12/11/12 2:40	38.253	38.142	33.407	5/11/13 1:00	38.100	22.013	34.464	36.266		29.796	36.658
12/11/12 3:00	38.251	38.139	33.405	5/11/13 2:00	38.093	22.011	34.462	36.266		29.798	36.658
12/11/12 3:20	38.248	38.139	33.400	5/11/13 3:00	38.095	22.004	34.452	36.257		29.786	36.651
12/11/12 3:40	38.251	38.137	33.407	5/11/13 4:00	38.090	22.011	34.450	36.259		29.782	36.647
12/11/12 4:00	38.251	38.139	33.403	5/11/13 5:00	38.093	22.020	34.448	36.257		29.777	36.642
12/11/12 4:20	38.255	38.142	33.407	5/11/13 6:00	38.125	22.020	34.448	36.257		29.779	36.640
12/11/12 4:40	38.253	38.144	33.407	5/11/13 7:00	38.151	22.051	34.464	36.287		29.798	36.647
12/11/12 5:00	38.255	38.144	33.410	5/11/13 8:00	38.188	22.076	34.487	36.313		29.821	36.668
12/11/12 5:20	38.255	38.144	33.410	5/11/13 9:00	38.211	22.109	34.522	36.346		29.854	36.693
12/11/12 5:40	38.262	38.151	33.412	5/11/13 10:00	38.235	22.127	34.573	36.369		29.912	36.738
12/11/12 6:00	38.267	38.151	33.417	5/11/13 11:00	38.244	22.153	34.594	36.390		29.926	36.770
12/11/12 6:20	38.267	38.153	33.419	5/11/13 12:00	38.230	22.151	34.632	36.397		29.969	36.808
12/11/12 6:40	38.269	38.158	33.421	5/11/13 13:00	38.218	22.148	34.688	36.385		29.959	36.820
12/11/12 7:00	38.274	38.163	33.426	5/11/13 14:00	38.200	22.139	35.098	36.376		30.153	37.018
12/11/12 7:20	38.283	38.170	33.429	5/11/13 15:00	38.179	22.123	35.004	36.362		30.240	37.128
12/11/12 7:40	38.293	38.181	33.433	5/11/13 16:00	38.151	22.120	34.827	36.341		30.132	37.009

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/11/12 8:00	38.297	38.186	33.438	5/11/13 17:00	38.128	22.102	34.725	36.315		30.046	36.908
12/11/12 8:20	38.300	38.186	33.445	5/11/13 18:00	38.114	22.088	34.664	36.294		29.994	36.845
12/11/12 8:40	38.318	38.207	33.618	5/11/13 19:00	38.100	22.081	34.625	36.280		29.964	36.801
12/11/12 9:00	38.323	38.209	33.489	5/11/13 20:00	38.093	22.078	34.704	36.269		29.983	36.815
12/11/12 9:20	38.323	38.209	33.478	5/11/13 21:00	38.100	22.088	34.739	36.264		29.994	36.834
12/11/12 9:40	38.323	38.212	33.478	5/11/13 22:00	38.114	22.104	34.690	36.271		29.964	36.810
12/11/12 10:00	38.328	38.214	33.478	5/11/13 23:00	38.130	22.118	34.650	36.283		29.985	36.813
12/11/12 10:20	38.330	38.216	33.480	5/12/13 0:00	38.118	22.125	34.627	36.297		29.971	36.792
12/11/12 10:40	38.335	38.221	33.480	5/12/13 1:00	38.107	22.118	34.604	36.285		29.948	36.775
12/11/12 11:00	38.342	38.228	33.712	5/12/13 2:00	38.088	22.102	34.583	36.273		29.929	36.761
12/11/12 11:20	38.349	38.237	33.529	5/12/13 3:00	38.086	22.088	34.583	36.257		29.926	36.763
12/11/12 11:40	38.346	38.235	33.508	5/12/13 4:00	38.088	22.102	34.564	36.257		29.901	36.745
12/11/12 12:00	38.344	38.230	33.499	5/12/13 5:00	38.088	22.095	34.548	36.255		29.891	36.728
12/11/12 12:20	38.342	38.230	33.492	5/12/13 6:00	38.095	22.092	34.539	36.257		29.887	36.717
12/11/12 12:40	38.351	38.242	33.534	5/12/13 7:00	38.088	22.111	34.539	36.262		29.882	36.714
12/11/12 13:00	38.339	38.230	33.504	5/12/13 8:00	38.125	22.104	34.532	36.255		29.870	36.710
12/11/12 13:20	38.332	38.221	33.485	5/12/13 9:00	38.093	22.125	34.562	36.290		29.922	36.733
12/11/12 13:40	38.325	38.214	33.473	5/12/13 10:00	38.104	22.100	34.767	36.259		29.891	36.756
12/11/12 14:00	38.332	38.219	33.717	5/12/13 11:00	38.055	22.088	34.993	36.273		30.097	36.948
12/11/12 14:20	38.346	38.242	33.593	5/12/13 12:00	38.030	22.067	35.074	36.231		30.151	37.042
12/11/12 14:40	38.349	38.242	33.616	5/12/13 13:00	38.023	22.046	34.827	36.210		30.109	37.009
12/11/12 15:00	38.330	38.221	33.515	5/12/13 14:00	38.002	22.039	34.757	36.201		30.011	36.906
12/11/12 15:20	38.335	38.228	33.553	5/12/13 15:00	37.986	22.013	34.683	36.182		29.955	36.831
12/11/12 15:40	38.314	38.205	33.487	5/12/13 16:00	37.974	21.995	34.750	36.168		29.997	36.864
12/11/12 16:00	38.323	38.216	33.550	5/12/13 17:00	37.969	21.990	34.590	36.157		29.903	36.768
12/11/12 16:20	38.342	38.228	33.480	5/12/13 18:00	37.967	21.981	34.559	36.150		29.875	36.719
12/11/12 16:40	38.372	38.256	33.464	5/12/13 19:00	37.965	21.974	34.622	36.150		29.861	36.696
12/11/12 17:00	38.400	38.284	33.459	5/12/13 20:00	37.972	21.971	34.685	36.147		29.861	36.712
12/11/12 17:20	38.391	38.277	33.459	5/12/13 21:00	37.997	21.985	34.811	36.154		29.941	36.808
12/11/12 17:40	38.367	38.259	33.459	5/12/13 22:00	38.018	21.997	34.771	36.178		29.943	36.808
12/11/12 18:00	38.356	38.245	33.461	5/12/13 23:00	38.032	22.013	34.632	36.199		29.936	36.787
12/11/12 18:20	38.337	38.226	33.454	5/13/13 0:00	38.027	22.011	34.555	36.208		29.880	36.714
12/11/12 18:40	38.328	38.216	33.445	5/13/13 1:00	38.032	22.006	34.513	36.201		29.838	36.672
12/11/12 19:00	38.405	38.291	34.102	5/13/13 2:00	38.030	21.992	34.506	36.206		29.838	36.661

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/11/12 19:20	38.472	38.373	34.139	5/13/13 3:00	38.023	21.995	34.469	36.203		29.803	36.637
12/11/12 19:40	38.493	38.394	33.998	5/13/13 4:00	38.018	21.976	34.441	36.196		29.777	36.616
12/11/12 20:00	38.475	38.371	34.036	5/13/13 5:00	38.027	21.976	34.420	36.192		29.758	36.597
12/11/12 20:20	38.475	38.373	33.987	5/13/13 6:00	38.025	21.978	34.410	36.199		29.746	36.588
12/11/12 20:40	38.442	38.338	33.703	5/13/13 7:00	38.030	21.964	34.394	36.196		29.742	36.576
12/11/12 21:00	38.479	38.378	33.905	5/13/13 8:00	38.044	21.981	34.394	36.201		29.725	36.572
12/11/12 21:20	38.440	38.336	33.694	5/13/13 9:00	38.046	21.985	34.471	36.210		29.756	36.604
12/11/12 21:40	38.430	38.329	33.687	5/13/13 10:00	38.039	21.978	34.413	36.213		29.746	36.602
12/11/12 22:00	38.433	38.326	33.783	5/13/13 11:00	38.034	21.974	34.394	36.208		29.730	36.590
12/11/12 22:20	38.412	38.305	33.633	5/13/13 12:00	38.044	21.964	34.636	36.206		29.831	36.712
12/11/12 22:40	38.414	38.305	33.787	5/13/13 13:00	38.030	21.974	34.583	36.213		29.819	36.721
12/11/12 23:00	38.395	38.291	33.614	5/13/13 14:00	38.011	21.953	34.504	36.201		29.789	36.693
12/11/12 23:20	38.391	38.279	33.816	5/13/13 15:00	38.002	21.927	34.455	36.185		29.772	36.661
12/11/12 23:40	38.381	38.277	33.597	5/13/13 16:00	37.986	21.911	34.443	36.173		29.725	36.621
12/12/12 0:00	38.367	38.259	33.558	5/13/13 17:00	37.965	21.892	34.410	36.159		29.730	36.611
12/12/12 0:20	38.353	38.247	33.536	5/13/13 18:00	37.960	21.878	34.375	36.143		29.695	36.581
12/12/12 0:40	38.344	38.235	33.518	5/13/13 19:00	37.960	21.871	34.909	36.138		29.826	36.728
12/12/12 1:00	38.332	38.226	33.506	5/13/13 20:00	37.958	21.866	34.900	36.138		29.948	36.866
12/12/12 1:20	38.325	38.216	33.494	5/13/13 21:00	37.965	21.871	35.151	36.143		30.078	37.004
12/12/12 1:40	38.316	38.207	33.482	5/13/13 22:00	37.983	21.869	34.848	36.150		30.081	36.993
12/12/12 2:00	38.323	38.219	33.527	5/13/13 23:00	37.993	21.885	34.620	36.164		29.896	36.787
12/12/12 2:20	38.309	38.198	33.487	5/14/13 0:00	37.988	21.878	34.543	36.171		29.847	36.696
12/12/12 2:40	38.302	38.193	33.471	5/14/13 1:00	37.979	21.869	34.464	36.164		29.779	36.623
12/12/12 3:00	38.300	38.188	33.464	5/14/13 2:00	37.967	21.852	34.408	36.157		29.732	36.574
12/12/12 3:20	38.290	38.181	33.454	5/14/13 3:00	37.962	21.839	34.366	36.145		29.693	36.537
12/12/12 3:40	38.286	38.177	33.450	5/14/13 4:00	37.962	21.825	34.334	36.138		29.660	36.511
12/12/12 4:00	38.279	38.167	33.440	5/14/13 5:00	37.967	21.818	34.310	36.138		29.639	36.488
12/12/12 4:20	38.274	38.165	33.433	5/14/13 6:00	37.976	21.822	34.292	36.143		29.623	36.471
12/12/12 4:40	38.269	38.160	33.426	5/14/13 7:00	37.986	21.836	34.282	36.147		29.611	36.464
12/12/12 5:00	38.262	38.151	33.421	5/14/13 8:00	37.995	21.834	34.275	36.159		29.604	36.457
12/12/12 5:20	38.258	38.146	33.412	5/14/13 9:00	38.002	21.836	34.296	36.166		29.623	36.478
12/12/12 5:40	38.251	38.139	33.405	5/14/13 10:00	38.002	21.832	34.278	36.171		29.606	36.471
12/12/12 6:00	38.248	38.135	33.400	5/14/13 11:00	37.995	21.813	34.347	36.168		29.620	36.488
12/12/12 6:20	38.244	38.132	33.393	5/14/13 12:00	38.000	21.813	34.336	36.164		29.651	36.534

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/12/12 6:40	38.244	38.135	33.393	5/14/13 13:00	37.981	21.806	34.289	36.168		29.611	36.497
12/12/12 7:00	38.244	38.130	33.393	5/14/13 14:00	37.962	21.787	34.299	36.150		29.620	36.509
12/12/12 7:20	38.248	38.135	33.393	5/14/13 15:00	37.951	21.766	34.247	36.131		29.569	36.469
12/12/12 7:40	38.258	38.149	33.400	5/14/13 16:00	37.939	21.755	34.217	36.119		29.541	36.436
12/12/12 8:00	38.260	38.151	33.403	5/14/13 17:00	37.927	21.743	34.229	36.110		29.534	36.431
12/12/12 8:20	38.262	38.149	33.405	5/14/13 18:00	37.927	21.729	34.301	36.101		29.527	36.448
12/12/12 8:40	38.265	38.156	33.412	5/14/13 19:00	37.934	21.731	34.287	36.101		29.543	36.448
12/12/12 9:00	38.272	38.160	33.419	5/14/13 20:00	37.953	21.727	34.366	36.108		29.581	36.485
12/12/12 9:20	38.274	38.165	33.421	5/14/13 21:00	37.976	21.736	34.359	36.126		29.597	36.499
12/12/12 9:40	38.276	38.165	33.438	5/14/13 22:00	38.007	21.748	34.322	36.150		29.604	36.499
12/12/12 10:00	38.290	38.181	33.473	5/14/13 23:00	38.034	21.776	34.275	36.175		29.578	36.476
12/12/12 10:20	38.290	38.179	33.450	5/15/13 0:00	38.030	21.787	34.322	36.199		29.578	36.466
12/12/12 10:40	38.283	38.177	33.438	5/15/13 1:00	38.041	21.778	34.261	36.192		29.578	36.466
12/12/12 11:00	38.328	38.216	33.689	5/15/13 2:00	38.041	21.778	34.257	36.203		29.574	36.462
12/12/12 11:20	38.363	38.251	33.980	5/15/13 3:00	38.034	21.771	34.245	36.203		29.566	36.457
12/12/12 11:40	38.367	38.266	33.715	5/15/13 4:00	38.041	21.766	34.238	36.194		29.557	36.452
12/12/12 12:00	38.398	38.289	34.092	5/15/13 5:00	38.034	21.771	34.236	36.201		29.559	36.452
12/12/12 12:20	38.437	38.340	34.034	5/15/13 6:00	38.041	21.757	34.226	36.194		29.548	36.445
12/12/12 12:40	38.421	38.326	33.790	5/15/13 7:00	38.048	21.764	34.231	36.201		29.548	36.445
12/12/12 13:00	38.405	38.303	33.764	5/15/13 8:00	38.072	21.773	34.231	36.208		29.555	36.448
12/12/12 13:20	38.367	38.266	33.604	5/15/13 9:00	38.081	21.792	34.268	36.229		29.590	36.476
12/12/12 13:40	38.353	38.244	33.794	5/15/13 10:00	38.062	21.806	34.271	36.236		29.588	36.480
12/12/12 14:00	38.342	38.235	33.555	5/15/13 11:00	38.044	21.785	34.424	36.220		29.674	36.567
12/12/12 14:20	38.316	38.209	33.501	5/15/13 12:00	38.044	21.766	34.343	36.206		29.648	36.567
12/12/12 14:40	38.309	38.198	33.701	5/15/13 13:00	38.039	21.778	34.373	36.203		29.606	36.527
12/12/12 15:00	38.300	38.193	33.489	5/15/13 14:00	38.027	21.764	34.387	36.201		29.653	36.583
12/12/12 15:20	38.281	38.174	33.450	5/15/13 15:00	38.020	21.755	34.329	36.192		29.632	36.553
12/12/12 15:40	38.274	38.165	33.429	5/15/13 16:00	38.011	21.757	34.450	36.185		29.620	36.551
12/12/12 16:00	38.265	38.156	33.417	5/15/13 17:00	38.000	21.738	34.334	36.178		29.637	36.558
12/12/12 16:20	38.251	38.142	33.405	5/15/13 18:00	37.997	21.731	34.287	36.166		29.588	36.509
12/12/12 16:40	38.272	38.160	33.658	5/15/13 19:00	38.011	21.734	34.303	36.166		29.597	36.520
12/12/12 17:00	38.276	38.170	33.604	5/15/13 20:00	38.027	21.750	34.490	36.180		29.658	36.593
12/12/12 17:20	38.288	38.181	33.543	5/15/13 21:00	38.034	21.764	34.427	36.194		29.693	36.616
12/12/12 17:40	38.318	38.212	33.792	5/15/13 22:00	38.055	21.762	34.417	36.199		29.667	36.597

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/12/12 18:00	38.318	38.212	33.712	5/15/13 23:00	38.088	21.790	34.361	36.220		29.660	36.565
12/12/12 18:20	38.332	38.233	33.654	5/16/13 0:00	38.086	21.815	34.368	36.248		29.681	36.567
12/12/12 18:40	38.323	38.221	33.597	5/16/13 1:00	38.086	21.801	34.399	36.243		29.662	36.546
12/12/12 19:00	38.318	38.214	33.640	5/16/13 2:00	38.076	21.799	34.345	36.243		29.665	36.553
12/12/12 19:20	38.302	38.195	33.511	5/16/13 3:00	38.062	21.799	34.329	36.234		29.655	36.541
12/12/12 19:40	38.290	38.186	33.478	5/16/13 4:00	38.051	21.785	34.313	36.222		29.634	36.530
12/12/12 20:00	38.286	38.179	33.459	5/16/13 5:00	38.065	21.776	34.299	36.210		29.620	36.518
12/12/12 20:20	38.279	38.170	33.447	5/16/13 6:00	38.083	21.815	34.315	36.224		29.627	36.523
12/12/12 20:40	38.274	38.165	33.438	5/16/13 7:00	38.079	21.813	34.313	36.238		29.641	36.523
12/12/12 21:00	38.272	38.160	33.431	5/16/13 8:00	38.074	21.820	34.317	36.236		29.639	36.525
12/12/12 21:20	38.272	38.160	33.429	5/16/13 9:00	38.088	21.811	34.338	36.231		29.658	36.541
12/12/12 21:40	38.269	38.158	33.424	5/16/13 10:00	38.083	21.832	34.334	36.243		29.653	36.544
12/12/12 22:00	38.274	38.163	33.421	5/16/13 11:00	38.090	21.829	34.331	36.238		29.653	36.544
12/12/12 22:20	38.269	38.156	33.414	5/16/13 12:00	38.072	21.834	34.347	36.248		29.674	36.565
12/12/12 22:40	38.265	38.153	33.410	5/16/13 13:00	38.060	21.815	34.580	36.229		29.725	36.630
12/12/12 23:00	38.286	38.174	33.492	5/16/13 14:00	38.037	21.811	34.625	36.222		29.803	36.712
12/12/12 23:20	38.279	38.170	33.438	5/16/13 15:00	38.023	21.783	34.580	36.201		29.777	36.721
12/12/12 23:40	38.274	38.165	33.424	5/16/13 16:00	38.000	21.773	34.471	36.192		29.763	36.693
12/13/12 0:00	38.267	38.158	33.414	5/16/13 17:00	37.990	21.757	34.429	36.168		29.718	36.640
12/13/12 0:20	38.265	38.153	33.407	5/16/13 18:00	37.983	21.752	34.361	36.161		29.665	36.581
12/13/12 0:40	38.262	38.151	33.405	5/16/13 19:00	37.981	21.743	34.317	36.152		29.637	36.537
12/13/12 1:00	38.279	38.165	33.457	5/16/13 20:00	37.997	21.762	34.378	36.150		29.630	36.530
12/13/12 1:20	38.269	38.160	33.426	5/16/13 21:00	38.044	21.776	34.497	36.166		29.728	36.616
12/13/12 1:40	38.262	38.151	33.412	5/16/13 22:00	38.074	21.822	34.550	36.208		29.746	36.644
12/13/12 2:00	38.251	38.142	33.398	5/16/13 23:00	38.081	21.836	34.480	36.234		29.779	36.656
12/13/12 2:20	38.246	38.135	33.389	5/17/13 0:00	38.020	21.834	34.420	36.241		29.739	36.611
12/13/12 2:40	38.244	38.132	33.382	5/17/13 1:00	38.023	21.806	34.406	36.182		29.697	36.590
12/13/12 3:00	38.239	38.130	33.377	5/17/13 2:00	38.016	21.769	34.343	36.189		29.669	36.555
12/13/12 3:20	38.234	38.121	33.372	5/17/13 3:00	38.027	21.771	34.341	36.182		29.658	36.546
12/13/12 3:40	38.232	38.121	33.370	5/17/13 4:00	38.048	21.792	34.329	36.192		29.646	36.530
12/13/12 4:00	38.237	38.125	33.372	5/17/13 5:00	38.072	21.808	34.331	36.210		29.651	36.527
12/13/12 4:20	38.239	38.128	33.382	5/17/13 6:00	38.093	21.839	34.343	36.229		29.660	36.532
12/13/12 4:40	38.232	38.121	33.375	5/17/13 7:00	38.097	21.850	34.347	36.248		29.679	36.541
12/13/12 5:00	38.239	38.130	33.386	5/17/13 8:00	38.095	21.852	34.361	36.252		29.681	36.553

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/13/12 5:20	38.237	38.125	33.382	5/17/13 9:00	38.097	21.857	34.371	36.250		29.697	36.574
12/13/12 5:40	38.234	38.125	33.379	5/17/13 10:00	38.095	21.848	34.366	36.252		29.690	36.574
12/13/12 6:00	38.237	38.125	33.377	5/17/13 11:00	38.083	21.853	34.522	36.250		29.702	36.602
12/13/12 6:20	38.239	38.128	33.379	5/17/13 12:00	38.079	21.845	34.457	36.243		29.770	36.658
12/13/12 6:40	38.239	38.130	33.382	5/17/13 13:00	38.055	21.841	34.592	36.234		29.737	36.656
12/13/12 7:00	38.244	38.130	33.382	5/17/13 14:00	38.039	21.827	34.490	36.217		29.775	36.682
12/13/12 7:20	38.248	38.135	33.386	5/17/13 15:00	38.030	21.808	34.420	36.201		29.732	36.635
12/13/12 7:40	38.253	38.139	33.386	5/17/13 16:00	38.016	21.808	34.401	36.194		29.718	36.609
12/13/12 8:00	38.255	38.142	33.389	5/17/13 17:00	38.004	21.797	34.357	36.180		29.676	36.574
12/13/12 8:20	38.258	38.146	33.393	5/17/13 18:00	38.000	21.787	34.354	36.175		29.665	36.565
12/13/12 8:40	38.265	38.151	33.398	5/17/13 19:00	38.000	21.790	34.364	36.171		29.674	36.576
12/13/12 9:00	38.272	38.158	33.626	5/17/13 20:00	38.004	21.783	34.487	36.175		29.674	36.602
12/13/12 9:20	38.295	38.184	33.471	5/17/13 21:00	38.016	21.797	34.562	36.178		29.791	36.707
12/13/12 9:40	38.290	38.179	33.445	5/17/13 22:00	38.034	21.806	34.511	36.187		29.735	36.663
12/13/12 10:00	38.293	38.181	33.438	5/17/13 23:00	38.055	21.822	34.427	36.203		29.732	36.628
12/13/12 10:20	38.293	38.184	33.438	5/18/13 0:00	38.069	21.836	34.436	36.222		29.716	36.600
12/13/12 10:40	38.293	38.181	33.436	5/18/13 1:00	38.069	21.857	34.392	36.231		29.714	36.583
12/13/12 11:00	38.300	38.186	33.438	5/18/13 2:00	38.048	21.841	34.373	36.229		29.702	36.565
12/13/12 11:20	38.304	38.191	33.443	5/18/13 3:00	38.030	21.827	34.366	36.210		29.697	36.567
12/13/12 11:40	38.302	38.191	33.443	5/18/13 4:00	38.034	21.820	34.343	36.194		29.665	36.548
12/13/12 12:00	38.302	38.188	33.438	5/18/13 5:00	38.014	21.818	34.329	36.196		29.658	36.537
12/13/12 12:20	38.300	38.186	33.436	5/18/13 6:00	38.011	21.792	34.357	36.178		29.634	36.525
12/13/12 12:40	38.304	38.193	33.489	5/18/13 7:00	38.018	21.797	34.317	36.175		29.634	36.525
12/13/12 13:00	38.318	38.209	33.487	5/18/13 8:00	38.020	21.813	34.322	36.182		29.637	36.532
12/13/12 13:20	38.330	38.221	33.562	5/18/13 9:00	38.011	21.815	34.336	36.182		29.648	36.541
12/13/12 13:40	38.318	38.207	33.485	5/18/13 10:00	38.002	21.794	34.385	36.175		29.646	36.546
12/13/12 14:00	38.309	38.198	33.457	5/18/13 11:00	37.995	21.783	34.315	36.166		29.630	36.534
12/13/12 14:20	38.314	38.200	33.703	5/18/13 12:00	38.007	21.780	34.306	36.159		29.625	36.523
12/13/12 14:40	38.311	38.202	33.485	5/18/13 13:00	38.000	21.794	34.320	36.168		29.632	36.525
12/13/12 15:00	38.316	38.207	33.539	5/18/13 14:00	37.976	21.769	34.299	36.164		29.623	36.520
12/13/12 15:20	38.330	38.221	33.651	5/18/13 15:00	37.953	21.743	34.357	36.143		29.632	36.539
12/13/12 15:40	38.314	38.202	33.497	5/18/13 16:00	37.939	21.738	34.324	36.122		29.620	36.537
12/13/12 16:00	38.297	38.188	33.461	5/18/13 17:00	37.899	21.715	34.448	36.108		29.613	36.530
12/13/12 16:20	38.307	38.198	33.583	5/18/13 18:00	37.902	21.673	34.308	36.075		29.606	36.541

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/13/12 16:40	38.293	38.184	33.461	5/18/13 19:00	37.904	21.680	34.322	36.075		29.559	36.502
12/13/12 17:00	38.302	38.188	33.684	5/18/13 20:00	37.955	21.685	34.361	36.080		29.574	36.506
12/13/12 17:20	38.323	38.216	33.567	5/18/13 21:00	37.997	21.715	34.373	36.124		29.606	36.525
12/13/12 17:40	38.309	38.198	33.492	5/18/13 22:00	38.011	21.771	34.320	36.164		29.616	36.506
12/13/12 18:00	38.360	38.254	33.935	5/18/13 23:00	37.909	21.769	34.278	36.175		29.590	36.469
12/13/12 18:20	38.409	38.308	34.027	5/19/13 0:00	37.965	21.622	34.166	36.070		29.499	36.401
12/13/12 18:40	38.423	38.319	33.994	5/19/13 1:00	37.969	21.720	34.257	36.131		29.508	36.415
12/13/12 19:00	38.456	38.359	33.893	5/19/13 2:00	37.958	21.682	34.240	36.133		29.522	36.406
12/13/12 19:20	38.472	38.373	33.872	5/19/13 3:00	37.941	21.673	34.226	36.122		29.506	36.413
12/13/12 19:40	38.451	38.350	33.740	5/19/13 4:00	37.962	21.664	34.175	36.105		29.485	36.396
12/13/12 20:00	38.435	38.333	33.705	5/19/13 5:00	37.930	21.685	34.170	36.126		29.482	36.389
12/13/12 20:20	38.442	38.336	33.963	5/19/13 6:00	37.937	21.664	34.145	36.089		29.450	36.378
12/13/12 20:40	38.444	38.343	33.759	5/19/13 7:00	37.972	21.654	34.194	36.101		29.445	36.375
12/13/12 21:00	38.414	38.310	33.640	5/19/13 8:00	37.983	21.678	34.222	36.129		29.494	36.422
12/13/12 21:20	38.409	38.303	33.644	5/19/13 9:00	37.997	21.682	34.205	36.145		29.513	36.427
12/13/12 21:40	38.386	38.279	33.581	5/19/13 10:00	38.023	21.701	34.275	36.157		29.524	36.450
12/13/12 22:00	38.372	38.263	33.548	5/19/13 11:00	38.018	21.710	34.271	36.180		29.569	36.480
12/13/12 22:20	38.365	38.254	33.529	5/19/13 12:00	38.014	21.701	34.431	36.173		29.557	36.478
12/13/12 22:40	38.353	38.242	33.515	5/19/13 13:00	38.009	21.696	34.457	36.171		29.669	36.576
12/13/12 23:00	38.342	38.233	33.501	5/19/13 14:00	37.993	21.673	34.287	36.168		29.595	36.516
12/13/12 23:20	38.339	38.228	33.492	5/19/13 15:00	37.962	21.664	34.282	36.152		29.545	36.469
12/13/12 23:40	38.337	38.223	33.489	5/19/13 16:00	37.967	21.645	34.250	36.124		29.510	36.448
12/14/12 0:00	38.349	38.242	33.543	5/19/13 17:00	37.932	21.636	34.187	36.126		29.501	36.420
12/14/12 0:20	38.332	38.224	33.501	5/19/13 18:00	37.911	21.585	34.133	36.094		29.461	36.385
12/14/12 0:40	38.325	38.214	33.482	5/19/13 19:00	37.948	21.603	34.217	36.073		29.457	36.392
12/14/12 1:00	38.316	38.209	33.473	5/19/13 20:00	37.976	21.664	34.299	36.115		29.508	36.431
12/14/12 1:20	38.314	38.202	33.466	5/19/13 21:00	38.023	21.659	34.245	36.138		29.508	36.441
12/14/12 1:40	38.300	38.191	33.452	5/19/13 22:00	38.076	21.715	34.299	36.185		29.541	36.473
12/14/12 2:00	38.293	38.181	33.440	5/19/13 23:00	38.079	21.757	34.315	36.231		29.620	36.513
12/14/12 2:20	38.283	38.170	33.429	5/20/13 0:00	38.079	21.762	34.285	36.231		29.592	36.488
12/14/12 2:40	38.276	38.167	33.421	5/20/13 1:00	38.055	21.736	34.301	36.229		29.585	36.478
12/14/12 3:00	38.272	38.160	33.414	5/20/13 2:00	38.053	21.724	34.252	36.208		29.569	36.471
12/14/12 3:20	38.265	38.156	33.407	5/20/13 3:00	38.041	21.724	34.273	36.206		29.583	36.478
12/14/12 3:40	38.260	38.151	33.403	5/20/13 4:00	38.048	21.722	34.240	36.196		29.557	36.459

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/14/12 4:00	38.255	38.144	33.400	5/20/13 5:00	38.069	21.734	34.240	36.199		29.557	36.457
12/14/12 4:20	38.248	38.137	33.391	5/20/13 6:00	38.097	21.764	34.261	36.222		29.571	36.466
12/14/12 4:40	38.262	38.149	33.607	5/20/13 7:00	38.109	21.783	34.296	36.245		29.595	36.483
12/14/12 5:00	38.255	38.144	33.426	5/20/13 8:00	38.109	21.811	34.310	36.257		29.623	36.516
12/14/12 5:20	38.246	38.137	33.400	5/20/13 9:00	38.114	21.794	34.371	36.255		29.669	36.565
12/14/12 5:40	38.237	38.128	33.386	5/20/13 10:00	38.109	21.818	34.394	36.262		29.695	36.593
12/14/12 6:00	38.232	38.121	33.375	5/20/13 11:00	38.100	21.818	34.396	36.259		29.704	36.604
12/14/12 6:20	38.223	38.114	33.368	5/20/13 12:00	38.081	21.799	34.364	36.250		29.688	36.586
12/14/12 6:40	38.218	38.107	33.358	5/20/13 13:00	38.058	21.790	34.380	36.234		29.686	36.590
12/14/12 7:00	38.213	38.104	33.353	5/20/13 14:00	38.051	21.766	34.385	36.215		29.688	36.607
12/14/12 7:20	38.216	38.102	33.349	5/20/13 15:00	38.044	21.766	34.354	36.213		29.658	36.590
12/14/12 7:40	38.216	38.107	33.344	5/20/13 16:00	38.011	21.750	34.352	36.208		29.669	36.595
12/14/12 8:00	38.213	38.100	33.339	5/20/13 17:00	37.997	21.734	34.350	36.178		29.646	36.574
12/14/12 8:20	38.209	38.097	33.332	5/20/13 18:00	37.997	21.729	34.406	36.175		29.669	36.625
12/14/12 8:40	38.220	38.107	33.332	5/20/13 19:00	37.997	21.724	34.427	36.178		29.679	36.661
12/14/12 9:00	38.206	38.097	33.330	5/20/13 20:00	38.018	21.736	34.662	36.196		29.763	36.773
12/14/12 9:20	38.216	38.100	33.548	5/20/13 21:00	38.062	21.762	34.893	36.222		29.898	36.925
12/14/12 9:40	38.213	38.104	33.365	5/20/13 22:00	38.088	21.808	34.902	36.273		29.945	37.002
12/14/12 10:00	38.211	38.097	33.344	5/20/13 23:00	38.111	21.825	34.713	36.294		29.945	36.960
12/14/12 10:20	38.202	38.093	33.335	5/21/13 0:00	38.104	21.839	34.655	36.315		29.912	36.883
12/14/12 10:40	38.241	38.109	33.325	5/21/13 1:00	38.111	21.841	34.597	36.304		29.882	36.822
12/14/12 11:00	38.351	38.291	33.325	5/21/13 2:00	38.114	21.860	34.555	36.299		29.852	36.752
12/14/12 11:20	38.461	38.425	33.325	5/21/13 3:00	38.093	21.850	34.527	36.292		29.842	36.710
12/14/12 11:40	38.367	38.364	33.330	5/21/13 4:00	38.086	21.829	34.471	36.269		29.803	36.656
12/14/12 12:00	38.344	38.331	33.335	5/21/13 5:00	38.093	21.843	34.452	36.262		29.777	36.630
12/14/12 12:20	38.468	38.518	33.330	5/21/13 6:00	38.100	21.855	34.443	36.266		29.775	36.616
12/14/12 12:40	38.591	38.684	33.330	5/21/13 7:00	38.100	21.881	34.469	36.271		29.789	36.633
12/14/12 13:00	38.619	38.623	33.419	5/21/13 8:00	38.102	21.871	34.485	36.266		29.775	36.630
12/14/12 13:20	38.598	38.675	33.372	5/21/13 9:00	38.093	21.874	34.534	36.269		29.798	36.647
12/14/12 13:40	38.337	38.244	33.349	5/21/13 10:00	38.095	21.874	34.797	36.285		29.854	36.782
12/14/12 14:00	38.316	38.191	33.323	5/21/13 11:00	38.083	21.862	34.718	36.285		29.905	36.869
12/14/12 14:20	38.363	38.326	33.302	5/21/13 12:00	38.067	21.852	34.660	36.287		29.908	36.866
12/14/12 14:40	38.388	38.364	33.288	5/21/13 13:00	38.034	21.857	34.760	36.273		29.908	36.897
12/14/12 15:00	38.414	38.340	33.278	5/21/13 14:00	38.053	21.832	34.646	36.248		29.908	36.873

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/14/12 15:20	38.475	38.534	33.405	5/21/13 15:00	38.051	21.832	34.660	36.252		29.912	36.850
12/14/12 15:40	38.402	38.387	33.515	5/21/13 16:00	38.023	21.839	34.620	36.257		29.901	36.815
12/14/12 16:00	38.577	38.689	33.504	5/21/13 17:00	38.007	21.804	34.667	36.231		29.877	36.808
12/14/12 16:20	38.477	38.558	33.740	5/21/13 18:00	38.000	21.801	34.748	36.220		29.919	36.866
12/14/12 16:40	38.365	38.286	33.534	5/21/13 19:00	38.011	21.797	34.886	36.215		29.973	36.920
12/14/12 17:00	38.288	38.188	33.400	5/21/13 20:00	38.039	21.818	34.813	36.231		30.004	36.941
12/14/12 17:20	38.295	38.200	33.457	5/21/13 21:00	38.046	21.839	34.851	36.248		30.034	36.953
12/14/12 17:40	38.260	38.156	33.426	5/21/13 22:00	38.062	21.853	34.778	36.248		30.011	36.899
12/14/12 18:00	38.230	38.123	33.332	5/21/13 23:00	38.086	21.862	34.748	36.255		29.983	36.845
12/14/12 18:20	38.293	38.181	34.031	5/22/13 0:00	38.095	21.883	34.632	36.273		29.943	36.775
12/14/12 18:40	38.318	38.224	33.888	5/22/13 1:00	38.102	21.892	34.601	36.278		29.926	36.738
12/14/12 19:00	38.300	38.207	33.731	5/22/13 2:00	38.109	21.908	34.613	36.283		29.901	36.710
12/14/12 19:20	38.262	38.165	33.527	5/22/13 3:00	38.109	21.911	34.557	36.287		29.896	36.691
12/14/12 19:40	38.234	38.142	33.485	5/22/13 4:00	38.109	21.915	34.536	36.285		29.877	36.675
12/14/12 20:00	38.213	38.109	33.640	5/22/13 5:00	38.109	21.915	34.525	36.283		29.866	36.661
12/14/12 20:20	38.192	38.097	33.370	5/22/13 6:00	38.111	21.927	34.515	36.283		29.856	36.658
12/14/12 20:40	38.316	38.268	33.307	5/22/13 7:00	38.116	21.922	34.576	36.283		29.852	36.661
12/14/12 21:00	38.260	38.279	33.271	5/22/13 8:00	38.114	21.936	34.562	36.287		29.873	36.689
12/14/12 21:20	38.167	38.074	33.246	5/22/13 9:00	38.121	21.936	34.597	36.285		29.884	36.717
12/14/12 21:40	38.125	38.034	33.215	5/22/13 10:00	38.116	21.948	34.692	36.299		29.929	36.778
12/14/12 22:00	38.123	38.053	33.187	5/22/13 11:00	38.111	21.946	34.683	36.304		29.943	36.822
12/14/12 22:20	38.109	38.027	33.168	5/22/13 12:00	38.107	21.943	34.771	36.294		29.969	36.836
12/14/12 22:40	38.080	37.983	33.154	5/22/13 13:00	38.093	21.943	34.720	36.294		30.020	36.901
12/14/12 23:00	38.064	37.962	33.278	5/22/13 14:00	38.079	21.936	34.713	36.278		29.966	36.850
12/14/12 23:20	38.067	37.973	33.140	5/22/13 15:00	38.072	21.925	34.753	36.264		29.994	36.852
12/14/12 23:40	38.262	38.301	33.081	5/22/13 16:00	38.051	21.920	34.734	36.255		30.001	36.852
12/15/12 0:00	38.059	37.959	33.091	5/22/13 17:00	38.046	21.906	34.674	36.234		29.955	36.810
12/15/12 0:20	38.017	37.915	33.077	5/22/13 18:00	38.046	21.904	34.613	36.231		29.931	36.770
12/15/12 0:40	37.992	37.892	33.056	5/22/13 19:00	38.053	21.911	34.655	36.231		29.912	36.740
12/15/12 1:00	37.973	37.868	33.039	5/22/13 20:00	38.065	21.925	34.618	36.236		29.933	36.756
12/15/12 1:20	37.978	37.899	33.025	5/22/13 21:00	38.086	21.934	34.692	36.243		29.938	36.756
12/15/12 1:40	37.950	37.842	33.011	5/22/13 22:00	38.116	21.960	34.655	36.262		29.976	36.787
12/15/12 2:00	37.936	37.826	32.995	5/22/13 23:00	38.156	21.990	34.795	36.290		30.001	36.810
12/15/12 2:20	37.920	37.812	32.981	5/23/13 0:00	38.174	22.025	34.727	36.325		30.048	36.845

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/15/12 2:40	37.913	37.803	32.976	5/23/13 1:00	38.193	22.034	34.718	36.339		30.027	36.820
12/15/12 3:00	37.903	37.796	32.964	5/23/13 2:00	38.200	22.053	34.690	36.355		30.025	36.801
12/15/12 3:20	37.896	37.789	32.957	5/23/13 3:00	38.202	22.060	34.737	36.362		30.032	36.810
12/15/12 3:40	37.892	37.782	32.950	5/23/13 4:00	38.207	22.069	34.727	36.362		30.060	36.831
12/15/12 4:00	37.889	37.777	32.948	5/23/13 5:00	38.211	22.083	34.695	36.367		30.039	36.815
12/15/12 4:20	37.892	37.779	32.952	5/23/13 6:00	38.216	22.088	34.685	36.348		30.034	36.808
12/15/12 4:40	37.889	37.777	32.948	5/23/13 7:00	38.225	22.090	34.746	36.311		30.043	36.813
12/15/12 5:00	37.892	37.777	32.950	5/23/13 8:00	38.228	22.111	34.746	36.290		30.074	36.850
12/15/12 5:20	37.892	37.777	32.950	5/23/13 9:00	38.195	22.118	34.778	36.292		30.095	36.883
12/15/12 5:40	37.896	37.782	32.955	5/23/13 10:00	38.195	22.093	34.790	36.318		30.099	36.918
12/15/12 6:00	37.901	37.789	32.962	5/23/13 11:00	38.186	22.107	34.876	36.362		30.132	37.000
12/15/12 6:20	37.917	37.803	32.973	5/23/13 12:00	38.191	22.111	35.053	36.404		30.153	37.042
12/15/12 6:40	38.139	38.095	32.990	5/23/13 13:00	38.184	22.130	35.011	36.432		30.256	37.138
12/15/12 7:00	38.274	38.312	33.006	5/23/13 14:00	38.163	22.123	34.958	36.463		30.209	37.096
12/15/12 7:20	38.351	38.392	33.135	5/23/13 15:00	38.160	22.121	35.056	36.388		30.275	37.128
12/15/12 7:40	38.486	38.597	33.088	5/23/13 16:00	38.144	22.116	34.974	36.407		30.221	37.086
12/15/12 8:00	38.617	38.770	33.102	5/23/13 17:00	38.125	22.107	34.942	36.341		30.230	37.084
12/15/12 8:20	38.269	38.247	33.131	5/23/13 18:00	38.123	22.102	34.900	36.327		30.200	37.077
12/15/12 8:40	38.582	38.654	33.142	5/23/13 19:00	38.104	22.104	35.011	36.322		30.195	37.077
12/15/12 9:00	38.610	38.714	33.168	5/23/13 20:00	38.107	22.093	34.897	36.304		30.200	37.068
12/15/12 9:20	38.740	38.873	33.180	5/23/13 21:00	38.088	22.104	35.018	36.301		30.216	37.060
12/15/12 9:40	38.400	38.291	33.206	5/23/13 22:00	38.097	22.093	35.160	36.287		30.286	37.154
12/15/12 10:00	38.251	38.149	33.213	5/23/13 23:00	38.137	22.125	34.993	36.292		30.277	37.124
12/15/12 10:20	38.216	38.109	33.217	5/24/13 0:00	38.149	22.156	34.988	36.329		30.261	37.063
12/15/12 10:40	38.505	38.523	33.213	5/24/13 1:00	38.160	22.158	34.895	36.332		30.223	37.004
12/15/12 11:00	38.624	38.705	33.224	5/24/13 2:00	38.146	22.172	34.914	36.341		30.242	36.993
12/15/12 11:20	38.656	38.684	33.248	5/24/13 3:00	38.151	22.153	34.865	36.327		30.209	36.962
12/15/12 11:40	38.391	38.347	33.307	5/24/13 4:00	38.139	22.165	34.844	36.330		30.193	36.937
12/15/12 12:00	38.293	38.195	33.283	5/24/13 5:00	38.128	22.149	34.804	36.322		30.151	36.906
12/15/12 12:20	38.248	38.146	33.264	5/24/13 6:00	38.128	22.151	34.823	36.313		30.149	36.918
12/15/12 12:40	38.260	38.144	33.436	5/24/13 7:00	38.121	22.149	34.785	36.311		30.130	36.901
12/15/12 13:00	38.290	38.184	33.375	5/24/13 8:00	38.118	22.151	34.823	36.304		30.160	36.930
12/15/12 13:20	38.321	38.214	33.658	5/24/13 9:00	38.128	22.153	34.848	36.301		30.128	36.911
12/15/12 13:40	38.351	38.242	33.982	5/24/13 10:00	38.128	22.170	35.098	36.313		30.270	37.068

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/15/12 14:00	38.374	38.280	33.794	5/24/13 11:00	38.118	22.163	34.988	36.318		30.247	37.072
12/15/12 14:20	38.335	38.238	33.565	5/24/13 12:00	38.109	22.163	34.907	36.308		30.216	37.035
12/15/12 14:40	38.316	38.212	33.623	5/24/13 13:00	38.086	22.151	34.904	36.299		30.172	36.995
12/15/12 15:00	38.281	38.177	33.426	5/24/13 14:00	38.060	22.125	34.855	36.283		30.149	36.974
12/15/12 15:20	38.274	38.165	33.543	5/24/13 15:00	38.051	22.107	34.804	36.259		30.130	36.955
12/15/12 15:40	38.253	38.149	33.382	5/24/13 16:00	38.023	22.097	34.816	36.255		30.113	36.946
12/15/12 16:00	38.258	38.151	33.414	5/24/13 17:00	38.009	22.069	34.823	36.229		30.137	36.948
12/15/12 16:20	38.255	38.151	33.438	5/24/13 18:00	37.981	22.062	34.876	36.220		30.137	36.953
12/15/12 16:40	38.237	38.130	33.363	5/24/13 19:00	37.972	22.046	34.958	36.196		30.106	36.944
12/15/12 17:00	38.258	38.151	33.429	5/24/13 20:00	37.969	22.044	35.235	36.187		30.277	37.142
12/15/12 17:20	38.281	38.174	33.600	5/24/13 21:00	37.981	22.032	35.347	36.182		30.343	37.217
12/15/12 17:40	38.297	38.193	33.630	5/24/13 22:00	38.002	22.039	35.426	36.192		30.403	37.273
12/15/12 18:00	38.290	38.186	33.548	5/24/13 23:00	38.025	22.055	35.405	36.208		30.431	37.271
12/15/12 18:20	38.279	38.167	33.663	5/25/13 0:00	38.046	22.072	35.016	36.231		30.296	37.098
12/15/12 18:40	38.262	38.158	33.426	5/25/13 1:00	38.041	22.079	34.909	36.250		30.219	36.986
12/15/12 19:00	38.258	38.153	33.426	5/25/13 2:00	38.009	22.055	34.851	36.245		30.170	36.934
12/15/12 19:20	38.246	38.139	33.379	5/25/13 3:00	38.002	22.032	34.778	36.215		30.097	36.887
12/15/12 19:40	38.237	38.130	33.360	5/25/13 4:00	38.021	22.025	34.723	36.208		30.055	36.834
12/15/12 20:00	38.230	38.121	33.349	5/25/13 5:00	38.025	22.039	34.732	36.229		30.057	36.831
12/15/12 20:20	38.225	38.116	33.339	5/25/13 6:00	38.011	22.027	34.678	36.229		30.025	36.794
12/15/12 20:40	38.223	38.111	33.335	5/25/13 7:00	38.067	22.025	34.653	36.215		29.985	36.763
12/15/12 21:00	38.223	38.111	33.330	5/25/13 8:00	38.104	22.074	34.681	36.262		30.015	36.775
12/15/12 21:20	38.223	38.111	33.328	5/25/13 9:00	38.116	22.093	34.706	36.290		30.062	36.796
12/15/12 21:40	38.223	38.111	33.323	5/25/13 10:00	38.095	22.095	34.776	36.297		30.053	36.799
12/15/12 22:00	38.223	38.111	33.321	5/25/13 11:00	38.072	22.062	34.725	36.276		30.071	36.831
12/15/12 22:20	38.239	38.132	33.400	5/25/13 12:00	38.055	22.039	35.088	36.255		30.165	36.962
12/15/12 22:40	38.234	38.123	33.353	5/25/13 13:00	38.028	22.023	35.358	36.245		30.270	37.112
12/15/12 23:00	38.227	38.116	33.337	5/25/13 14:00	38.023	22.002	35.594	36.234		30.502	37.369
12/15/12 23:20	38.232	38.118	33.518	5/25/13 15:00	38.007	21.999	35.573	36.238		30.516	37.421
12/15/12 23:40	38.239	38.128	33.370	5/25/13 16:00	37.997	21.985	35.554	36.234		30.509	37.423
12/16/12 0:00	38.232	38.123	33.346	5/25/13 17:00	37.983	21.974	35.596	36.229		30.530	37.442
12/16/12 0:20	38.230	38.118	33.337	5/25/13 18:00	37.983	21.967	35.247	36.229		30.415	37.306
12/16/12 0:40	38.225	38.116	33.330	5/25/13 19:00	37.972	21.957	35.193	36.224		30.380	37.241
12/16/12 1:00	38.230	38.116	33.328	5/25/13 20:00	38.000	21.953	35.093	36.220		30.279	37.159

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/16/12 1:20	38.230	38.116	33.330	5/25/13 21:00	38.011	21.976	34.993	36.234		30.270	37.086
12/16/12 1:40	38.225	38.114	33.328	5/25/13 22:00	38.034	21.978	34.886	36.238		30.193	36.965
12/16/12 2:00	38.220	38.107	33.321	5/25/13 23:00	38.067	21.997	34.839	36.252		30.158	36.904
12/16/12 2:20	38.218	38.109	33.318	5/26/13 0:00	38.069	22.025	34.809	36.273		30.146	36.859
12/16/12 2:40	38.216	38.107	33.316	5/26/13 1:00	38.090	22.009	34.774	36.271		30.121	36.822
12/16/12 3:00	38.216	38.104	33.314	5/26/13 2:00	38.107	22.025	34.760	36.287		30.109	36.810
12/16/12 3:20	38.218	38.102	33.316	5/26/13 3:00	38.051	22.027	34.783	36.299		30.097	36.792
12/16/12 3:40	38.216	38.104	33.320	5/26/13 4:00	38.009	21.941	34.655	36.243		30.032	36.745
12/16/12 4:00	38.216	38.104	33.321	5/26/13 5:00	37.951	21.927	34.641	36.213		29.990	36.738
12/16/12 4:20	38.218	38.104	33.321	5/26/13 6:00	37.955	21.911	34.634	36.178		29.929	36.759
12/16/12 4:40	38.216	38.104	33.318	5/26/13 7:00	37.932	21.883	34.681	36.187		29.926	36.780
12/16/12 5:00	38.213	38.102	33.318	5/26/13 8:00	37.969	21.871	34.716	36.178		29.933	36.822
12/16/12 5:20	38.211	38.097	33.314	5/26/13 9:00	38.044	21.925	34.755	36.208		29.976	36.866
12/16/12 5:40	38.206	38.095	33.309	5/26/13 10:00	38.051	21.976	34.753	36.264		30.039	36.869
12/16/12 6:00	38.206	38.093	33.309	5/26/13 11:00	38.051	21.962	34.660	36.262		29.992	36.787
12/16/12 6:20	38.204	38.093	33.307	5/26/13 12:00	38.041	21.953	34.704	36.269		29.976	36.789
12/16/12 6:40	38.202	38.090	33.307	5/26/13 13:00	38.028	21.939	34.806	36.264		29.994	36.841
12/16/12 7:00	38.202	38.090	33.304	5/26/13 14:00	38.007	21.923	34.713	36.252		30.018	36.869
12/16/12 7:20	38.199	38.090	33.304	5/26/13 15:00	37.993	21.897	34.702	36.238		29.990	36.848
12/16/12 7:40	38.206	38.093	33.304	5/26/13 16:00	37.988	21.881	34.706	36.231		29.985	36.859
12/16/12 8:00	38.206	38.093	33.304	5/26/13 17:00	37.981	21.871	34.795	36.231		30.013	36.925
12/16/12 8:20	38.211	38.097	33.307	5/26/13 18:00	37.990	21.876	34.771	36.229		29.992	36.897
12/16/12 8:40	38.234	38.123	33.433	5/26/13 19:00	37.986	21.867	34.788	36.243		29.983	36.904
12/16/12 9:00	38.241	38.130	33.353	5/26/13 20:00	37.993	21.864	34.788	36.243		30.041	36.958
12/16/12 9:20	38.248	38.137	33.339	5/26/13 21:00	38.004	21.869	34.830	36.248		30.001	36.937
12/16/12 9:40	38.255	38.144	33.337	5/26/13 22:00	38.009	21.874	34.799	36.252		30.018	36.925
12/16/12 10:00	38.251	38.137	33.332	5/26/13 23:00	38.009	21.867	34.692	36.248		29.987	36.864
12/16/12 10:20	38.248	38.135	33.330	5/27/13 0:00	37.981	21.855	34.799	36.245		29.985	36.850
12/16/12 10:40	38.258	38.144	33.332	5/27/13 1:00	37.983	21.827	34.837	36.229		30.015	36.911
12/16/12 11:00	38.274	38.163	33.475	5/27/13 2:00	37.969	21.820	34.788	36.234		30.011	36.920
12/16/12 11:20	38.267	38.156	33.375	5/27/13 3:00	37.981	21.818	34.713	36.213		29.980	36.869
12/16/12 11:40	38.269	38.158	33.356	5/27/13 4:00	37.965	21.811	34.660	36.213		29.957	36.792
12/16/12 12:00	38.267	38.156	33.351	5/27/13 5:00	37.969	21.801	34.550	36.189		29.880	36.686
12/16/12 12:20	38.258	38.146	33.344	5/27/13 6:00	37.962	21.792	34.494	36.185		29.831	36.614

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/16/12 12:40	38.251	38.139	33.370	5/27/13 7:00	37.969	21.797	34.513	36.180		29.793	36.586
12/16/12 13:00	38.251	38.144	33.377	5/27/13 8:00	37.997	21.801	34.527	36.185		29.803	36.597
12/16/12 13:20	38.239	38.130	33.344	5/27/13 9:00	38.016	21.815	34.499	36.201		29.805	36.588
12/16/12 13:40	38.253	38.142	33.391	5/27/13 10:00	38.023	21.813	34.508	36.222		29.831	36.618
12/16/12 14:00	38.237	38.125	33.346	5/27/13 11:00	38.044	21.822	34.534	36.250		29.819	36.668
12/16/12 14:20	38.223	38.114	33.323	5/27/13 12:00	38.032	21.832	34.583	36.290		29.859	36.761
12/16/12 14:40	38.216	38.104	33.314	5/27/13 13:00	38.007	21.808	34.718	36.287		29.905	36.864
12/16/12 15:00	38.211	38.097	33.302	5/27/13 14:00	37.974	21.776	34.604	36.248		29.901	36.841
12/16/12 15:20	38.253	38.142	33.679	5/27/13 15:00	37.932	21.736	34.501	36.201		29.821	36.705
12/16/12 15:40	38.288	38.181	33.729	5/27/13 16:00	37.909	21.706	34.436	36.150		29.761	36.618
12/16/12 16:00	38.328	38.223	33.881	5/27/13 17:00	37.895	21.692	34.371	36.126		29.702	36.537
12/16/12 16:20	38.339	38.240	33.675	5/27/13 18:00	37.878	21.680	34.385	36.110		29.711	36.532
12/16/12 16:40	38.318	38.216	33.628	5/27/13 19:00	37.848	21.638	34.317	36.089		29.660	36.480
12/16/12 17:00	38.318	38.212	33.792	5/27/13 20:00	37.937	21.638	34.299	36.059		29.590	36.422
12/16/12 17:20	38.316	38.214	33.586	5/27/13 21:00	37.955	21.713	34.350	36.140		29.688	36.471
12/16/12 17:40	38.337	38.233	33.874	5/27/13 22:00	38.018	21.741	34.436	36.154		29.674	36.466
12/16/12 18:00	38.330	38.226	33.755	5/27/13 23:00	38.014	21.769	34.361	36.210		29.695	36.476
12/16/12 18:20	38.314	38.209	33.520	5/28/13 0:00	38.044	21.762	34.327	36.199		29.672	36.457
12/16/12 18:40	38.318	38.214	33.560	5/28/13 1:00	38.037	21.790	34.338	36.227		29.679	36.466
12/16/12 19:00	38.332	38.228	33.618	5/28/13 2:00	38.034	21.771	34.322	36.215		29.669	36.464
12/16/12 19:20	38.318	38.209	33.726	5/28/13 3:00	38.039	21.766	34.317	36.213		29.658	36.466
12/16/12 19:40	38.314	38.205	33.520	5/28/13 4:00	38.034	21.766	34.310	36.217		29.660	36.464
12/16/12 20:00	38.318	38.214	33.532	5/28/13 5:00	38.055	21.762	34.306	36.210		29.648	36.462
12/16/12 20:20	38.297	38.191	33.471	5/28/13 6:00	38.069	21.785	34.320	36.231		29.660	36.466
12/16/12 20:40	38.286	38.179	33.443	5/28/13 7:00	38.081	21.794	34.322	36.241		29.669	36.471
12/16/12 21:00	38.302	38.195	33.562	5/28/13 8:00	38.088	21.797	34.392	36.250		29.674	36.478
12/16/12 21:20	38.290	38.181	33.461	5/28/13 9:00	38.079	21.813	34.629	36.257		29.749	36.576
12/16/12 21:40	38.281	38.174	33.438	5/28/13 10:00	38.048	21.787	34.825	36.248		29.910	36.749
12/16/12 22:00	38.276	38.167	33.421	5/28/13 11:00	38.037	21.762	34.916	36.224		29.980	36.841
12/16/12 22:20	38.279	38.165	33.414	5/28/13 12:00	38.051	21.785	34.995	36.215		30.029	36.913
12/16/12 22:40	38.276	38.165	33.412	5/28/13 13:00	38.051	21.787	35.053	36.231		30.090	36.960
12/16/12 23:00	38.272	38.160	33.410	5/28/13 14:00	38.028	21.776	35.098	36.231		30.135	36.997
12/16/12 23:20	38.272	38.158	33.405	5/28/13 15:00	38.014	21.764	34.879	36.206		29.999	36.859
12/16/12 23:40	38.281	38.170	33.642	5/28/13 16:00	37.993	21.750	34.655	36.194		29.929	36.745

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/17/12 0:00	38.293	38.181	33.464	5/28/13 17:00	37.967	21.729	34.739	36.175		29.912	36.726
12/17/12 0:20	38.286	38.174	33.435	5/28/13 18:00	37.930	21.699	34.734	36.150		29.926	36.735
12/17/12 0:40	38.283	38.174	33.426	5/28/13 19:00	37.958	21.657	34.494	36.112		29.814	36.621
12/17/12 1:00	38.279	38.170	33.417	5/28/13 20:00	38.011	21.713	34.478	36.138		29.770	36.567
12/17/12 1:20	38.276	38.165	33.410	5/28/13 21:00	38.055	21.771	34.450	36.192		29.775	36.530
12/17/12 1:40	38.267	38.158	33.400	5/28/13 22:00	38.060	21.813	34.504	36.224		29.831	36.569
12/17/12 2:00	38.267	38.160	33.398	5/28/13 23:00	38.044	21.792	34.473	36.229		29.807	36.565
12/17/12 2:20	38.265	38.153	33.391	5/29/13 0:00	38.009	21.755	34.438	36.210		29.789	36.548
12/17/12 2:40	38.255	38.142	33.379	5/29/13 1:00	38.044	21.762	34.403	36.180		29.723	36.523
12/17/12 3:00	38.248	38.139	33.372	5/29/13 2:00	38.034	21.771	34.394	36.213		29.746	36.513
12/17/12 3:20	38.246	38.135	33.370	5/29/13 3:00	38.028	21.752	34.373	36.196		29.725	36.499
12/17/12 3:40	38.260	38.144	33.609	5/29/13 4:00	38.037	21.757	34.366	36.194		29.707	36.495
12/17/12 4:00	38.258	38.149	33.412	5/29/13 5:00	38.028	21.764	34.359	36.206		29.704	36.490
12/17/12 4:20	38.248	38.139	33.386	5/29/13 6:00	38.014	21.750	34.343	36.192		29.690	36.480
12/17/12 4:40	38.241	38.130	33.370	5/29/13 7:00	38.046	21.764	34.341	36.178		29.672	36.478
12/17/12 5:00	38.230	38.118	33.356	5/29/13 8:00	38.069	21.780	34.371	36.208		29.714	36.499
12/17/12 5:20	38.223	38.111	33.346	5/29/13 9:00	38.076	21.811	34.380	36.229		29.711	36.506
12/17/12 5:40	38.216	38.104	33.337	5/29/13 10:00	38.051	21.792	34.364	36.234		29.714	36.504
12/17/12 6:00	38.211	38.100	33.332	5/29/13 11:00	38.000	21.757	34.361	36.210		29.711	36.511
12/17/12 6:20	38.209	38.095	33.328	5/29/13 12:00	38.007	21.720	34.331	36.164		29.667	36.492
12/17/12 6:40	38.206	38.095	33.325	5/29/13 13:00	38.004	21.739	34.368	36.175		29.690	36.525
12/17/12 7:00	38.206	38.097	33.323	5/29/13 14:00	37.993	21.734	34.336	36.166		29.672	36.511
12/17/12 7:20	38.206	38.097	33.325	5/29/13 15:00	37.976	21.715	34.317	36.154		29.653	36.492
12/17/12 7:40	38.209	38.100	33.325	5/29/13 16:00	37.990	21.715	34.529	36.143		29.644	36.506
12/17/12 8:00	38.209	38.097	33.325	5/29/13 17:00	37.948	21.701	34.366	36.157		29.700	36.551
12/17/12 8:20	38.206	38.095	33.325	5/29/13 18:00	37.962	21.650	34.292	36.117		29.637	36.473
12/17/12 8:40	38.202	38.088	33.321	5/29/13 19:00	37.944	21.680	34.282	36.129		29.618	36.459
12/17/12 9:00	38.220	38.109	33.421	5/29/13 20:00	37.944	21.673	34.278	36.112		29.609	36.452
12/17/12 9:20	38.213	38.107	33.353	5/29/13 21:00	37.960	21.676	34.282	36.108		29.599	36.445
12/17/12 9:40	38.211	38.104	33.339	5/29/13 22:00	38.037	21.696	34.282	36.126		29.604	36.443
12/17/12 10:00	38.211	38.100	33.337	5/29/13 23:00	38.062	21.790	34.324	36.196		29.620	36.450
12/17/12 10:20	38.234	38.125	33.459	5/30/13 0:00	38.065	21.764	34.308	36.220		29.665	36.452
12/17/12 10:40	38.227	38.118	33.375	5/30/13 1:00	38.104	21.780	34.317	36.217		29.651	36.469
12/17/12 11:00	38.227	38.116	33.360	5/30/13 2:00	38.130	21.836	34.357	36.257		29.683	36.492

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/17/12 11:20	38.225	38.116	33.353	5/30/13 3:00	38.074	21.857	34.371	36.280		29.716	36.506
12/17/12 11:40	38.223	38.114	33.351	5/30/13 4:00	37.993	21.750	34.306	36.222		29.676	36.480
12/17/12 12:00	38.225	38.116	33.349	5/30/13 5:00	38.002	21.692	34.266	36.147		29.599	36.445
12/17/12 12:20	38.218	38.109	33.342	5/30/13 6:00	38.011	21.762	34.294	36.150		29.592	36.466
12/17/12 12:40	38.216	38.104	33.335	5/30/13 7:00	38.002	21.731	34.275	36.166		29.611	36.448
12/17/12 13:00	38.206	38.097	33.325	5/30/13 8:00	38.060	21.773	34.299	36.157		29.606	36.459
12/17/12 13:20	38.202	38.090	33.314	5/30/13 9:00	38.086	21.785	34.308	36.215		29.646	36.464
12/17/12 13:40	38.195	38.086	33.307	5/30/13 10:00	38.102	21.822	34.334	36.238		29.667	36.488
12/17/12 14:00	38.216	38.104	33.468	5/30/13 11:00	38.076	21.822	34.343	36.250		29.686	36.497
12/17/12 14:20	38.225	38.121	33.426	5/30/13 12:00	38.090	21.797	34.401	36.224		29.667	36.511
12/17/12 14:40	38.267	38.158	33.848	5/30/13 13:00	38.083	21.811	34.361	36.245		29.707	36.530
12/17/12 15:00	38.349	38.247	34.149	5/30/13 14:00	38.058	21.790	34.350	36.234		29.695	36.523
12/17/12 15:20	38.332	38.233	33.919	5/30/13 15:00	38.037	21.766	34.336	36.210		29.676	36.520
12/17/12 15:40	38.311	38.214	33.656	5/30/13 16:00	38.035	21.762	34.327	36.192		29.658	36.511
12/17/12 16:00	38.286	38.181	33.687	5/30/13 17:00	38.109	21.752	34.345	36.192		29.676	36.525
12/17/12 16:20	38.281	38.184	33.558	5/30/13 18:00	38.053	21.862	34.422	36.266		29.721	36.558
12/17/12 16:40	38.262	38.160	33.513	5/30/13 19:00	38.028	21.764	34.357	36.215		29.693	36.560
12/17/12 17:00	38.304	38.202	34.006	5/30/13 20:00	38.039	21.762	34.429	36.189		29.662	36.537
12/17/12 17:20	38.314	38.214	33.884	5/30/13 21:00	38.060	21.778	34.359	36.199		29.683	36.541
12/17/12 17:40	38.293	38.195	33.649	5/30/13 22:00	38.079	21.794	34.359	36.220		29.688	36.530
12/17/12 18:00	38.246	38.146	33.471	5/30/13 23:00	38.102	21.818	34.371	36.234		29.697	36.532
12/17/12 18:20	38.234	38.132	33.480	5/31/13 0:00	38.102	21.848	34.387	36.255		29.716	36.541
12/17/12 18:40	38.225	38.123	33.464	5/31/13 1:00	38.067	21.822	34.373	36.255		29.728	36.544
12/17/12 19:00	38.216	38.114	33.433	5/31/13 2:00	38.065	21.799	34.364	36.222		29.695	36.537
12/17/12 19:20	38.195	38.090	33.370	5/31/13 3:00	38.065	21.787	34.361	36.222		29.704	36.548
12/17/12 19:40	38.181	38.076	33.339	5/31/13 4:00	38.051	21.804	34.368	36.224		29.700	36.553
12/17/12 20:00	38.169	38.062	33.314	5/31/13 5:00	38.046	21.780	34.352	36.208		29.688	36.541
12/17/12 20:20	38.155	38.048	33.295	5/31/13 6:00	38.067	21.794	34.352	36.203		29.681	36.537
12/17/12 20:40	38.146	38.039	33.278	5/31/13 7:00	38.095	21.825	34.380	36.222		29.688	36.546
12/17/12 21:00	38.134	38.027	33.267	5/31/13 8:00	38.109	21.843	34.392	36.252		29.725	36.565
12/17/12 21:20	38.125	38.015	33.253	5/31/13 9:00	38.125	21.864	34.410	36.262		29.744	36.574
12/17/12 21:40	38.116	38.008	33.239	5/31/13 10:00	38.118	21.867	34.417	36.276		29.758	36.583
12/17/12 22:00	38.125	38.018	33.368	5/31/13 11:00	38.118	21.867	34.497	36.271		29.758	36.597
12/17/12 22:20	38.113	38.006	33.255	5/31/13 12:00	38.118	21.864	34.441	36.271		29.777	36.611

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/17/12 22:40	38.101	37.992	33.227	5/31/13 13:00	38.123	21.867	34.438	36.269		29.772	36.609
12/17/12 23:00	38.097	37.987	33.215	5/31/13 14:00	38.088	21.860	34.434	36.276		29.779	36.607
12/17/12 23:20	38.095	37.983	33.208	5/31/13 15:00	38.083	21.834	34.415	36.241		29.756	36.597
12/17/12 23:40	38.090	37.983	33.203	5/31/13 16:00	38.072	21.832	34.422	36.241		29.749	36.600
12/18/12 0:00	38.090	37.983	33.201	5/31/13 17:00	38.060	21.825	34.450	36.250		29.763	36.654
12/18/12 0:20	38.088	37.976	33.194	5/31/13 18:00	38.044	21.815	34.483	36.243		29.772	36.696
12/18/12 0:40	38.090	37.978	33.192	5/31/13 19:00	38.030	21.794	34.492	36.243		29.791	36.754
12/18/12 1:00	38.088	37.978	33.192	5/31/13 20:00	38.030	21.773	34.597	36.213		29.800	36.719
12/18/12 1:20	38.090	37.978	33.194	5/31/13 21:00	38.048	21.794	34.476	36.208		29.786	36.682
12/18/12 1:40	38.090	37.980	33.192	5/31/13 22:00	38.074	21.815	34.452	36.222		29.768	36.635
12/18/12 2:00	38.090	37.978	33.194	5/31/13 23:00	38.125	21.841	34.466	36.243		29.777	36.621
12/18/12 2:20	38.087	37.978	33.189	6/1/13 0:00	38.158	21.897	34.520	36.304		29.828	36.696
12/18/12 2:40	38.090	37.976	33.187	6/1/13 1:00	38.156	21.916	34.566	36.346		29.870	36.738
12/18/12 3:00	38.088	37.978	33.185	6/1/13 2:00	38.158	21.916	34.562	36.330		29.882	36.752
12/18/12 3:20	38.092	37.978	33.187	6/1/13 3:00	38.139	21.918	34.545	36.325		29.877	36.724
12/18/12 3:40	38.090	37.978	33.187	6/1/13 4:00	38.144	21.909	34.529	36.306		29.859	36.700
12/18/12 4:00	38.094	37.983	33.189	6/1/13 5:00	38.135	21.899	34.525	36.308		29.863	36.693
12/18/12 4:20	38.095	37.985	33.192	6/1/13 6:00	38.130	21.902	34.522	36.294		29.854	36.686
12/18/12 4:40	38.102	37.987	33.192	6/1/13 7:00	38.144	21.904	34.578	36.315		29.875	36.763
12/18/12 5:00	38.097	37.985	33.194	6/1/13 8:00	38.160	21.930	34.583	36.315		29.898	36.778
12/18/12 5:20	38.102	37.992	33.199	6/1/13 9:00	38.165	21.941	34.660	36.327		29.912	36.749
12/18/12 5:40	38.104	37.992	33.199	6/1/13 10:00	38.179	21.946	34.648	36.348		29.943	36.817
12/18/12 6:00	38.104	37.992	33.196	6/1/13 11:00	38.191	21.960	34.702	36.381		29.980	36.904
12/18/12 6:20	38.106	37.994	33.199	6/1/13 12:00	38.202	21.983	34.792	36.397		30.018	36.965
12/18/12 6:40	38.108	37.997	33.201	6/1/13 13:00	38.198	21.988	34.837	36.414		30.060	37.023
12/18/12 7:00	38.113	38.004	33.206	6/1/13 14:00	38.188	21.983	34.806	36.409		30.081	37.025
12/18/12 7:20	38.127	38.015	33.217	6/1/13 15:00	38.172	21.972	34.806	36.407		30.083	37.030
12/18/12 7:40	38.134	38.022	33.224	6/1/13 16:00	38.177	21.981	34.844	36.395		30.109	37.065
12/18/12 8:00	38.139	38.022	33.229	6/1/13 17:00	38.172	21.985	34.930	36.402		30.144	37.107
12/18/12 8:20	38.148	38.034	33.241	6/1/13 18:00	38.177	21.992	34.881	36.402		30.146	37.107
12/18/12 8:40	38.172	38.058	33.356	6/1/13 19:00	38.184	22.002	34.921	36.404		30.151	37.112
12/18/12 9:00	38.172	38.057	33.290	6/1/13 20:00	38.202	22.016	34.897	36.411		30.170	37.112
12/18/12 9:20	38.174	38.062	33.283	6/1/13 21:00	38.207	22.041	34.930	36.430		30.191	37.121
12/18/12 9:40	38.176	38.064	33.281	6/1/13 22:00	38.216	22.041	34.874	36.416		30.186	37.063

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/18/12 10:00	38.181	38.072	33.288	6/1/13 23:00	38.219	22.055	34.839	36.411		30.170	36.990
12/18/12 10:20	38.188	38.076	33.292	6/2/13 0:00	38.209	22.055	34.837	36.409		30.177	36.967
12/18/12 10:40	38.192	38.081	33.297	6/2/13 1:00	38.207	22.055	34.802	36.397		30.153	36.927
12/18/12 11:00	38.199	38.088	33.304	6/2/13 2:00	38.212	22.058	34.781	36.390		30.137	36.904
12/18/12 11:20	38.209	38.097	33.314	6/2/13 3:00	38.198	22.065	34.774	36.390		30.132	36.894
12/18/12 11:40	38.216	38.102	33.318	6/2/13 4:00	38.193	22.058	34.762	36.376		30.121	36.883
12/18/12 12:00	38.220	38.111	33.325	6/2/13 5:00	38.188	22.060	34.755	36.369		30.111	36.876
12/18/12 12:20	38.220	38.111	33.328	6/2/13 6:00	38.193	22.060	34.750	36.365		30.109	36.871
12/18/12 12:40	38.241	38.123	33.548	6/2/13 7:00	38.195	22.079	34.753	36.367		30.111	36.876
12/18/12 13:00	38.246	38.137	33.377	6/2/13 8:00	38.198	22.088	34.776	36.367		30.132	36.897
12/18/12 13:20	38.246	38.135	33.360	6/2/13 9:00	38.191	22.090	34.764	36.369		30.125	36.892
12/18/12 13:40	38.246	38.132	33.353	6/2/13 10:00	38.181	22.086	34.760	36.360		30.116	36.885
12/18/12 14:00	38.244	38.130	33.358	6/2/13 11:00	38.158	22.081	34.767	36.362		30.118	36.908
12/18/12 14:20	38.262	38.153	33.412	6/2/13 12:00	38.142	22.067	34.776	36.348		30.109	36.932
12/18/12 14:40	38.253	38.144	33.377	6/2/13 13:00	38.123	22.060	34.760	36.330		30.104	36.925
12/18/12 15:00	38.248	38.139	33.365	6/2/13 14:00	38.107	22.048	34.737	36.308		30.083	36.890
12/18/12 15:20	38.248	38.137	33.358	6/2/13 15:00	38.079	22.034	34.706	36.290		30.060	36.864
12/18/12 15:40	38.244	38.132	33.353	6/2/13 16:00	38.053	22.009	34.671	36.264		30.032	36.829
12/18/12 16:00	38.241	38.132	33.349	6/2/13 17:00	38.028	21.988	34.643	36.238		29.999	36.799
12/18/12 16:20	38.262	38.156	33.424	6/2/13 18:00	38.014	21.967	34.627	36.213		29.976	36.785
12/18/12 16:40	38.276	38.179	33.384	6/2/13 19:00	38.016	21.958	34.594	36.199		29.943	36.754
12/18/12 17:00	38.370	38.287	33.372	6/2/13 20:00	38.028	21.974	34.587	36.199		29.929	36.740
12/18/12 17:20	38.262	38.153	33.370	6/2/13 21:00	38.018	21.971	34.653	36.210		29.955	36.761
12/18/12 17:40	38.251	38.139	33.363	6/2/13 22:00	38.030	21.965	34.583	36.201		29.931	36.740
12/18/12 18:00	38.272	38.163	33.436	6/2/13 23:00	38.030	21.974	34.622	36.210		29.962	36.768
12/18/12 18:20	38.265	38.153	33.393	6/3/13 0:00	38.032	21.965	34.578	36.210		29.926	36.731
12/18/12 18:40	38.325	38.219	33.844	6/3/13 1:00	38.032	21.971	34.564	36.213		29.908	36.712
12/18/12 19:00	38.377	38.277	33.820	6/3/13 2:00	38.039	21.960	34.548	36.210		29.896	36.696
12/18/12 19:20	38.402	38.301	33.844	6/3/13 3:00	38.039	21.955	34.534	36.213		29.884	36.684
12/18/12 19:40	38.419	38.319	33.787	6/3/13 4:00	38.049	21.958	34.527	36.215		29.877	36.679
12/18/12 20:00	38.400	38.296	33.787	6/3/13 5:00	38.039	21.953	34.527	36.220		29.875	36.677
12/18/12 20:20	38.384	38.284	33.628	6/3/13 6:00	38.042	21.944	34.508	36.213		29.861	36.670
12/18/12 20:40	38.370	38.258	33.644	6/3/13 7:00	38.062	21.948	34.513	36.213		29.856	36.670
12/18/12 21:00	38.363	38.258	33.576	6/3/13 8:00	38.055	21.960	34.515	36.234		29.868	36.677

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/18/12 21:20	38.360	38.258	33.602	6/3/13 9:00	38.046	21.953	34.520	36.229		29.861	36.691
12/18/12 21:40	38.363	38.256	33.703	6/3/13 10:00	38.030	21.939	34.545	36.227		29.870	36.726
12/18/12 22:00	38.342	38.240	33.536	6/3/13 11:00	38.007	21.911	34.548	36.222		29.861	36.749
12/18/12 22:20	38.377	38.275	33.691	6/3/13 12:00	37.979	21.899	34.685	36.210		29.955	36.876
12/18/12 22:40	38.344	38.240	33.553	6/3/13 13:00	37.960	21.862	34.692	36.189		29.903	36.859
12/18/12 23:00	38.351	38.249	33.628	6/3/13 14:00	37.946	21.836	34.634	36.180		29.894	36.873
12/18/12 23:20	38.349	38.242	33.586	6/3/13 15:00	37.939	21.822	34.594	36.175		29.866	36.850
12/18/12 23:40	38.332	38.224	33.513	6/3/13 16:00	37.927	21.811	34.571	36.166		29.845	36.813
12/19/12 0:00	38.316	38.209	33.487	6/3/13 17:00	37.916	21.787	34.557	36.161		29.826	36.808
12/19/12 0:20	38.311	38.202	33.471	6/3/13 18:00	37.913	21.776	34.550	36.159		29.812	36.806
12/19/12 0:40	38.302	38.193	33.457	6/3/13 19:00	37.916	21.764	34.536	36.154		29.800	36.792
12/19/12 1:00	38.288	38.181	33.443	6/3/13 20:00	37.927	21.759	34.571	36.159		29.789	36.780
12/19/12 1:20	38.302	38.195	33.499	6/3/13 21:00	37.951	21.759	34.513	36.157		29.791	36.747
12/19/12 1:40	38.293	38.186	33.457	6/3/13 22:00	37.972	21.759	34.580	36.178		29.784	36.717
12/19/12 2:00	38.279	38.170	33.433	6/3/13 23:00	38.016	21.790	34.518	36.194		29.796	36.724
12/19/12 2:20	38.274	38.167	33.424	6/4/13 0:00	38.004	21.820	34.529	36.238		29.812	36.735
12/19/12 2:40	38.265	38.158	33.412	6/4/13 1:00	37.981	21.757	34.469	36.213		29.789	36.675
12/19/12 3:00	38.253	38.144	33.396	6/4/13 2:00	37.979	21.739	34.445	36.189		29.751	36.649
12/19/12 3:20	38.258	38.146	33.391	6/4/13 3:00	38.009	21.729	34.427	36.182		29.735	36.625
12/19/12 3:40	38.251	38.142	33.389	6/4/13 4:00	38.021	21.752	34.420	36.203		29.742	36.607
12/19/12 4:00	38.251	38.142	33.389	6/4/13 5:00	38.053	21.773	34.422	36.213		29.735	36.595
12/19/12 4:20	38.239	38.130	33.377	6/4/13 6:00	38.076	21.776	34.427	36.241		29.761	36.600
12/19/12 4:40	38.258	38.149	33.497	6/4/13 7:00	38.118	21.801	34.441	36.257		29.765	36.609
12/19/12 5:00	38.246	38.137	33.400	6/4/13 8:00	38.125	21.832	34.464	36.292		29.796	36.623
12/19/12 5:20	38.234	38.125	33.377	6/4/13 9:00	38.121	21.822	34.469	36.297		29.803	36.633
12/19/12 5:40	38.230	38.123	33.372	6/4/13 10:00	38.132	21.815	34.671	36.290		29.798	36.663
12/19/12 6:00	38.225	38.116	33.363	6/4/13 11:00	38.139	21.822	34.534	36.301		29.859	36.705
12/19/12 6:20	38.218	38.111	33.353	6/4/13 12:00	38.142	21.825	34.518	36.306		29.849	36.689
12/19/12 6:40	38.213	38.104	33.344	6/4/13 13:00	38.135	21.827	34.515	36.311		29.845	36.686
12/19/12 7:00	38.206	38.097	33.335	6/4/13 14:00	38.118	21.811	34.508	36.299		29.842	36.682
12/19/12 7:20	38.202	38.090	33.325	6/4/13 15:00	38.097	21.790	34.806	36.285		29.908	36.761
12/19/12 7:40	38.206	38.097	33.325	6/4/13 16:00	38.088	21.776	34.972	36.269		30.048	36.937
12/19/12 8:00	38.199	38.088	33.318	6/4/13 17:00	38.086	21.769	34.834	36.264		30.113	36.990
12/19/12 8:20	38.190	38.081	33.314	6/4/13 18:00	38.083	21.762	34.671	36.257		29.971	36.838

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/19/12 8:40	38.183	38.078	33.309	6/4/13 19:00	38.086	21.764	34.653	36.271		29.934	36.808
12/19/12 9:00	38.183	38.071	33.304	6/4/13 20:00	38.088	21.764	34.660	36.276		29.943	36.845
12/19/12 9:20	38.178	38.067	33.300	6/4/13 21:00	38.104	21.771	34.660	36.285		29.943	36.862
12/19/12 9:40	38.181	38.069	33.304	6/4/13 22:00	38.130	21.780	34.683	36.297		29.973	36.876
12/19/12 10:00	38.172	38.060	33.292	6/4/13 23:00	38.139	21.806	34.646	36.311		29.959	36.820
12/19/12 10:20	38.167	38.055	33.288	6/5/13 0:00	38.139	21.815	34.620	36.318		29.952	36.782
12/19/12 10:40	38.188	38.078	33.466	6/5/13 1:00	38.139	21.799	34.597	36.313		29.938	36.754
12/19/12 11:00	38.174	38.064	33.323	6/5/13 2:00	38.177	21.804	34.590	36.311		29.929	36.738
12/19/12 11:20	38.206	38.095	33.689	6/5/13 3:00	38.128	21.818	34.590	36.348		29.962	36.728
12/19/12 11:40	38.190	38.081	33.372	6/5/13 4:00	38.116	21.794	34.559	36.299		29.905	36.712
12/19/12 12:00	38.162	38.053	33.307	6/5/13 5:00	38.093	21.766	34.536	36.285		29.884	36.691
12/19/12 12:20	38.178	38.074	33.565	6/5/13 6:00	38.158	21.778	34.536	36.264		29.863	36.686
12/19/12 12:40	38.181	38.076	33.504	6/5/13 7:00	38.156	21.808	34.562	36.325		29.917	36.705
12/19/12 13:00	38.165	38.057	33.349	6/5/13 8:00	38.160	21.834	34.573	36.320		29.915	36.717
12/19/12 13:20	38.139	38.032	33.283	6/5/13 9:00	38.177	21.839	34.583	36.323		29.922	36.731
12/19/12 13:40	38.130	38.018	33.452	6/5/13 10:00	38.188	21.860	34.622	36.339		29.959	36.766
12/19/12 14:00	38.141	38.041	33.314	6/5/13 11:00	38.188	21.862	34.725	36.353		29.973	36.799
12/19/12 14:20	38.108	38.004	33.250	6/5/13 12:00	38.188	21.862	34.650	36.348		29.994	36.806
12/19/12 14:40	38.120	38.015	33.342	6/5/13 13:00	38.186	21.862	34.646	36.351		29.987	36.796
12/19/12 15:00	38.101	37.997	33.241	6/5/13 14:00	38.172	21.860	34.639	36.348		29.985	36.792
12/19/12 15:20	38.094	37.985	33.217	6/5/13 15:00	38.144	21.853	34.627	36.332		29.973	36.780
12/19/12 15:40	38.088	37.980	33.208	6/5/13 16:00	38.146	21.827	34.608	36.306		29.950	36.766
12/19/12 16:00	38.113	38.001	33.567	6/5/13 17:00	38.156	21.832	34.606	36.306		29.948	36.759
12/19/12 16:20	38.127	38.020	33.349	6/5/13 18:00	38.111	21.843	34.608	36.315		29.962	36.763
12/19/12 16:40	38.141	38.039	33.459	6/5/13 19:00	38.107	21.820	34.597	36.273		29.924	36.756
12/19/12 17:00	38.150	38.041	33.356	6/5/13 20:00	38.114	21.797	34.585	36.269		29.924	36.749
12/19/12 17:20	38.148	38.044	33.288	6/5/13 21:00	38.118	21.808	34.585	36.278		29.926	36.749
12/19/12 17:40	38.136	38.027	33.260	6/5/13 22:00	38.118	21.804	34.583	36.280		29.929	36.749
12/19/12 18:00	38.181	38.076	33.445	6/5/13 23:00	38.132	21.813	34.587	36.280		29.926	36.749
12/19/12 18:20	38.206	38.104	33.501	6/6/13 0:00	38.123	21.820	34.597	36.294		29.943	36.756
12/19/12 18:40	38.211	38.109	33.482	6/6/13 1:00	38.118	21.808	34.587	36.285		29.936	36.752
12/19/12 19:00	38.213	38.107	33.522	6/6/13 2:00	38.104	21.804	34.641	36.280		29.926	36.749
12/19/12 19:20	38.195	38.088	33.368	6/6/13 3:00	38.093	21.790	34.576	36.264		29.926	36.749
12/19/12 19:40	38.181	38.071	33.330	6/6/13 4:00	38.097	21.773	34.559	36.255		29.905	36.731

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/19/12 20:00	38.178	38.062	33.314	6/6/13 5:00	38.095	21.790	34.559	36.262		29.901	36.726
12/19/12 20:20	38.181	38.067	33.311	6/6/13 6:00	38.095	21.783	34.552	36.257		29.898	36.721
12/19/12 20:40	38.185	38.076	33.316	6/6/13 7:00	38.095	21.769	34.545	36.257		29.901	36.717
12/19/12 21:00	38.195	38.078	33.323	6/6/13 8:00	38.100	21.787	34.552	36.257		29.894	36.719
12/19/12 21:20	38.197	38.081	33.328	6/6/13 9:00	38.116	21.785	34.555	36.262		29.896	36.724
12/19/12 21:40	38.206	38.090	33.332	6/6/13 10:00	38.118	21.799	34.608	36.276		29.943	36.773
12/19/12 22:00	38.209	38.090	33.330	6/6/13 11:00	38.111	21.794	34.590	36.276		29.926	36.763
12/19/12 22:20	38.211	38.097	33.332	6/6/13 12:00	38.111	21.787	34.580	36.273		29.919	36.756
12/19/12 22:40	38.220	38.104	33.342	6/6/13 13:00	38.104	21.785	34.573	36.273		29.912	36.749
12/19/12 23:00	38.220	38.109	33.344	6/6/13 14:00	38.083	21.771	34.562	36.264		29.910	36.740
12/19/12 23:20	38.230	38.118	33.353	6/6/13 15:00	38.065	21.750	34.562	36.245		29.891	36.735
12/19/12 23:40	38.234	38.125	33.360	6/6/13 16:00	38.058	21.736	34.564	36.229		29.887	36.756
12/20/12 0:00	38.237	38.128	33.365	6/6/13 17:00	38.053	21.732	34.566	36.227		29.889	36.768
12/20/12 0:20	38.239	38.125	33.365	6/6/13 18:00	38.046	21.729	34.545	36.220		29.875	36.747
12/20/12 0:40	38.253	38.135	33.370	6/6/13 19:00	38.032	21.715	34.529	36.213		29.859	36.721
12/20/12 1:00	38.260	38.149	33.384	6/6/13 20:00	38.042	21.704	34.522	36.199		29.852	36.712
12/20/12 1:20	38.265	38.153	33.393	6/6/13 21:00	38.053	21.713	34.511	36.208		29.842	36.698
12/20/12 1:40	38.274	38.160	33.400	6/6/13 22:00	38.076	21.720	34.511	36.217		29.842	36.691
12/20/12 2:00	38.286	38.170	33.410	6/6/13 23:00	38.102	21.748	34.525	36.238		29.854	36.698
12/20/12 2:20	38.297	38.184	33.424	6/7/13 0:00	38.109	21.755	34.532	36.259		29.868	36.705
12/20/12 2:40	38.311	38.195	33.438	6/7/13 1:00	38.116	21.757	34.539	36.266		29.873	36.710
12/20/12 3:00	38.321	38.207	33.454	6/7/13 2:00	38.111	21.762	34.539	36.271		29.875	36.712
12/20/12 3:20	38.335	38.219	33.468	6/7/13 3:00	38.114	21.750	34.534	36.266		29.880	36.705
12/20/12 3:40	38.349	38.233	33.482	6/7/13 4:00	38.114	21.752	34.534	36.266		29.873	36.705
12/20/12 4:00	38.360	38.244	33.499	6/7/13 5:00	38.102	21.748	34.527	36.266		29.870	36.703
12/20/12 4:20	38.377	38.258	33.515	6/7/13 6:00	38.104	21.750	34.525	36.259		29.861	36.700
12/20/12 4:40	38.381	38.273	33.529	6/7/13 7:00	38.104	21.750	34.527	36.262		29.861	36.700
12/20/12 5:00	38.395	38.282	33.536	6/7/13 8:00	38.111	21.743	34.527	36.259		29.861	36.703
12/20/12 5:20	38.402	38.291	33.546	6/7/13 9:00	38.121	21.752	34.590	36.264		29.873	36.710
12/20/12 5:40	38.409	38.294	33.555	6/7/13 10:00	38.111	21.757	34.643	36.274		29.917	36.773
12/20/12 6:00	38.416	38.303	33.562	6/7/13 11:00	38.095	21.743	34.737	36.264		29.917	36.782
12/20/12 6:20	38.423	38.310	33.569	6/7/13 12:00	38.079	21.729	34.976	36.252		30.071	36.955
12/20/12 6:40	38.430	38.317	33.579	6/7/13 13:00	38.065	21.715	35.079	36.243		30.146	37.049
12/20/12 7:00	38.440	38.329	33.588	6/7/13 14:00	38.046	21.701	35.135	36.229		30.198	37.105

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/20/12 7:20	38.449	38.336	33.600	6/7/13 15:00	38.035	21.685	34.820	36.215		30.111	36.995
12/20/12 7:40	38.470	38.357	33.609	6/7/13 16:00	38.023	21.673	34.732	36.203		30.001	36.866
12/20/12 8:00	38.482	38.366	33.616	6/7/13 17:00	38.002	21.662	34.629	36.194		29.952	36.785
12/20/12 8:20	38.482	38.373	33.626	6/7/13 18:00	37.988	21.634	34.580	36.175		29.901	36.731
12/20/12 8:40	38.489	38.375	33.635	6/7/13 19:00	37.979	21.624	34.550	36.161		29.868	36.717
12/20/12 9:00	38.489	38.378	33.644	6/7/13 20:00	37.976	21.613	34.518	36.159		29.842	36.693
12/20/12 9:20	38.496	38.378	33.647	6/7/13 21:00	38.002	21.610	34.497	36.152		29.824	36.672
12/20/12 9:40	38.500	38.387	33.661	6/7/13 22:00	38.021	21.638	34.527	36.173		29.847	36.677
12/20/12 10:00	38.503	38.392	33.670	6/7/13 23:00	38.023	21.643	34.497	36.189		29.826	36.658
12/20/12 10:20	38.510	38.394	33.675	6/8/13 0:00	38.016	21.627	34.476	36.192		29.812	36.642
12/20/12 10:40	38.512	38.403	33.682	6/8/13 1:00	38.007	21.617	34.459	36.182		29.789	36.628
12/20/12 11:00	38.516	38.410	33.691	6/8/13 2:00	38.002	21.592	34.434	36.171		29.772	36.611
12/20/12 11:20	38.524	38.413	33.698	6/8/13 3:00	37.993	21.594	34.417	36.166		29.756	36.595
12/20/12 11:40	38.530	38.420	33.705	6/8/13 4:00	37.979	21.568	34.392	36.157		29.735	36.574
12/20/12 12:00	38.535	38.424	33.712	6/8/13 5:00	37.976	21.568	34.380	36.145		29.711	36.560
12/20/12 12:20	38.542	38.427	33.848	6/8/13 6:00	37.965	21.552	34.361	36.140		29.695	36.541
12/20/12 12:40	38.575	38.464	33.846	6/8/13 7:00	37.976	21.545	34.345	36.131		29.674	36.530
12/20/12 13:00	38.563	38.453	33.778	6/8/13 8:00	37.974	21.550	34.343	36.140		29.672	36.527
12/20/12 13:20	38.605	38.499	34.109	6/8/13 9:00	37.976	21.540	34.387	36.136		29.667	36.530
12/20/12 13:40	38.636	38.530	34.186	6/8/13 10:00	37.967	21.536	34.387	36.143		29.704	36.579
12/20/12 14:00	38.652	38.546	34.132	6/8/13 11:00	37.948	21.517	34.364	36.140		29.676	36.579
12/20/12 14:20	38.649	38.546	33.987	6/8/13 12:00	37.927	21.503	34.354	36.131		29.655	36.586
12/20/12 14:40	38.689	38.583	34.022	6/8/13 13:00	37.932	21.470	34.354	36.119		29.639	36.595
12/20/12 15:00	38.682	38.574	34.015	6/8/13 14:00	37.948	21.482	34.380	36.136		29.651	36.640
12/20/12 15:20	38.701	38.597	34.027	6/8/13 15:00	37.953	21.491	34.378	36.145		29.665	36.635
12/20/12 15:40	38.696	38.600	34.003	6/8/13 16:00	37.955	21.487	34.350	36.138		29.653	36.597
12/20/12 16:00	38.715	38.590	33.968	6/8/13 17:00	38.037	21.463	34.378	36.145		29.634	36.560
12/20/12 16:20	38.666	38.565	33.900	6/8/13 18:00	38.007	21.543	34.380	36.234		29.686	36.583
12/20/12 16:40	38.682	38.581	34.017	6/8/13 19:00	38.039	21.491	34.324	36.180		29.651	36.537
12/20/12 17:00	38.678	38.576	34.127	6/8/13 20:00	38.086	21.554	34.345	36.208		29.660	36.527
12/20/12 17:20	38.668	38.569	33.980	6/8/13 21:00	38.088	21.571	34.352	36.252		29.693	36.532
12/20/12 17:40	38.675	38.574	34.151	6/8/13 22:00	38.093	21.575	34.364	36.250		29.690	36.541
12/20/12 18:00	38.654	38.555	33.959	6/8/13 23:00	38.114	21.578	34.366	36.250		29.695	36.548
12/20/12 18:20	38.647	38.544	34.090	6/9/13 0:00	38.139	21.594	34.380	36.271		29.711	36.567

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/20/12 18:40	38.631	38.527	33.907	6/9/13 1:00	38.142	21.622	34.408	36.295		29.732	36.588
12/20/12 19:00	38.640	38.534	34.055	6/9/13 2:00	38.142	21.620	34.413	36.295		29.742	36.600
12/20/12 19:20	38.643	38.537	33.900	6/9/13 3:00	38.132	21.617	34.417	36.295		29.754	36.604
12/20/12 19:40	38.631	38.525	33.865	6/9/13 4:00	38.130	21.613	34.415	36.283		29.744	36.607
12/20/12 20:00	38.619	38.511	33.848	6/9/13 5:00	38.130	21.610	34.413	36.283		29.749	36.607
12/20/12 20:20	38.608	38.502	33.839	6/9/13 6:00	38.135	21.617	34.420	36.281		29.749	36.607
12/20/12 20:40	38.596	38.488	33.825	6/9/13 7:00	38.144	21.624	34.427	36.285		29.756	36.614
12/20/12 21:00	38.589	38.480	33.818	6/9/13 8:00	38.130	21.634	34.436	36.292		29.768	36.621
12/20/12 21:20	38.591	38.481	34.008	6/9/13 9:00	38.130	21.627	34.436	36.280		29.765	36.625
12/20/12 21:40	38.582	38.478	33.841	6/9/13 10:00	38.128	21.627	34.443	36.278		29.768	36.635
12/20/12 22:00	38.575	38.469	33.813	6/9/13 11:00	38.116	21.634	34.452	36.276		29.775	36.647
12/20/12 22:20	38.561	38.457	33.799	6/9/13 12:00	38.109	21.624	34.471	36.278		29.777	36.677
12/20/12 22:40	38.554	38.446	33.790	6/9/13 13:00	38.100	21.620	34.504	36.283		29.793	36.731
12/20/12 23:00	38.551	38.441	33.785	6/9/13 14:00	38.072	21.601	34.569	36.280		29.810	36.780
12/20/12 23:20	38.549	38.441	33.783	6/9/13 15:00	38.049	21.575	34.520	36.257		29.817	36.785
12/20/12 23:40	38.545	38.436	33.780	6/9/13 16:00	38.044	21.568	34.513	36.238		29.791	36.759
12/21/12 0:00	38.542	38.434	33.776	6/9/13 17:00	38.039	21.557	34.539	36.250		29.800	36.806
12/21/12 0:20	38.538	38.431	33.771	6/9/13 18:00	38.037	21.557	34.555	36.252		29.810	36.829
12/21/12 0:40	38.538	38.427	33.769	6/9/13 19:00	38.035	21.554	34.548	36.252		29.814	36.827
12/21/12 1:00	38.535	38.425	33.769	6/9/13 20:00	38.044	21.547	34.520	36.238		29.803	36.782
12/21/12 1:20	38.533	38.422	33.766	6/9/13 21:00	38.055	21.557	34.490	36.236		29.786	36.719
12/21/12 1:40	38.526	38.415	33.759	6/9/13 22:00	38.074	21.568	34.469	36.241		29.784	36.677
12/21/12 2:00	38.526	38.417	33.757	6/9/13 23:00	38.100	21.578	34.466	36.252		29.782	36.658
12/21/12 2:20	38.521	38.413	33.752	6/10/13 0:00	38.109	21.608	34.469	36.274		29.789	36.654
12/21/12 2:40	38.517	38.401	33.748	6/10/13 1:00	38.116	21.606	34.469	36.281		29.796	36.654
12/21/12 3:00	38.512	38.403	33.743	6/10/13 2:00	38.111	21.613	34.469	36.281		29.798	36.654
12/21/12 3:20	38.512	38.401	33.740	6/10/13 3:00	38.100	21.606	34.464	36.274		29.793	36.651
12/21/12 3:40	38.507	38.401	33.738	6/10/13 4:00	38.081	21.592	34.450	36.262		29.782	36.642
12/21/12 4:00	38.505	38.396	33.736	6/10/13 5:00	38.076	21.573	34.436	36.243		29.770	36.630
12/21/12 4:20	38.505	38.394	33.736	6/10/13 6:00	38.083	21.573	34.429	36.241		29.758	36.621
12/21/12 4:40	38.503	38.394	33.733	6/10/13 7:00	38.086	21.580	34.429	36.245		29.758	36.616
12/21/12 5:00	38.498	38.394	33.729	6/10/13 8:00	38.072	21.573	34.424	36.248		29.754	36.611
12/21/12 5:20	38.496	38.387	33.724	6/10/13 9:00	38.062	21.566	34.413	36.231		29.742	36.609
12/21/12 5:40	38.493	38.382	33.722	6/10/13 10:00	38.055	21.559	34.622	36.224		29.749	36.647

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/21/12 6:00	38.489	38.382	33.719	6/10/13 11:00	38.044	21.554	34.508	36.217		29.817	36.707
12/21/12 6:20	38.489	38.380	33.715	6/10/13 12:00	38.035	21.540	34.455	36.208		29.772	36.663
12/21/12 6:40	38.486	38.375	33.710	6/10/13 13:00	38.028	21.522	34.436	36.201		29.751	36.647
12/21/12 7:00	38.486	38.375	33.712	6/10/13 14:00	38.018	21.526	34.436	36.199		29.739	36.649
12/21/12 7:20	38.489	38.378	33.715	6/10/13 15:00	38.002	21.512	34.422	36.189		29.728	36.647
12/21/12 7:40	38.493	38.387	33.715	6/10/13 16:00	37.990	21.491	34.427	36.180		29.714	36.647
12/21/12 8:00	38.496	38.389	33.717	6/10/13 17:00	37.969	21.475	34.448	36.178		29.723	36.691
12/21/12 8:20	38.517	38.406	33.860	6/10/13 18:00	37.965	21.457	34.485	36.161		29.725	36.721
12/21/12 8:40	38.510	38.403	33.757	6/10/13 19:00	37.955	21.452	34.462	36.159		29.730	36.731
12/21/12 9:00	38.500	38.394	33.738	6/10/13 20:00	37.953	21.436	34.448	36.150		29.721	36.721
12/21/12 9:20	38.500	38.389	33.731	6/10/13 21:00	37.960	21.433	34.578	36.140		29.728	36.714
12/21/12 9:40	38.500	38.394	33.729	6/10/13 22:00	37.976	21.440	34.434	36.145		29.723	36.672
12/21/12 10:00	38.500	38.392	33.729	6/10/13 23:00	37.993	21.450	34.394	36.154		29.690	36.616
12/21/12 10:20	38.498	38.392	33.729	6/11/13 0:00	38.000	21.459	34.385	36.168		29.688	36.590
12/21/12 10:40	38.493	38.389	33.724	6/11/13 1:00	38.016	21.454	34.382	36.180		29.681	36.597
12/21/12 11:00	38.496	38.392	33.724	6/11/13 2:00	38.030	21.466	34.387	36.192		29.688	36.604
12/21/12 11:20	38.514	38.413	33.799	6/11/13 3:00	38.032	21.461	34.389	36.206		29.693	36.607
12/21/12 11:40	38.507	38.403	33.757	6/11/13 4:00	38.072	21.468	34.401	36.208		29.695	36.618
12/21/12 12:00	38.500	38.396	33.740	6/11/13 5:00	38.090	21.520	34.436	36.248		29.716	36.661
12/21/12 12:20	38.498	38.392	33.731	6/11/13 6:00	38.100	21.526	34.429	36.257		29.744	36.642
12/21/12 12:40	38.512	38.408	33.801	6/11/13 7:00	38.086	21.515	34.415	36.262		29.737	36.618
12/21/12 13:00	38.496	38.392	33.743	6/11/13 8:00	38.081	21.510	34.399	36.245		29.718	36.600
12/21/12 13:20	38.484	38.380	33.719	6/11/13 9:00	38.076	21.496	34.455	36.243		29.711	36.588
12/21/12 13:40	38.491	38.387	33.762	6/11/13 10:00	38.060	21.498	34.420	36.236		29.732	36.618
12/21/12 14:00	38.477	38.375	33.717	6/11/13 11:00	38.046	21.478	34.473	36.222		29.770	36.672
12/21/12 14:20	38.465	38.364	33.696	6/11/13 12:00	38.046	21.468	34.469	36.217		29.765	36.705
12/21/12 14:40	38.456	38.352	33.682	6/11/13 13:00	38.037	21.470	34.462	36.220		29.747	36.698
12/21/12 15:00	38.449	38.345	33.670	6/11/13 14:00	38.023	21.468	34.464	36.222		29.739	36.707
12/21/12 15:20	38.442	38.336	33.661	6/11/13 15:00	38.011	21.450	34.480	36.217		29.744	36.738
12/21/12 15:40	38.461	38.357	33.762	6/11/13 16:00	37.997	21.436	34.518	36.215		29.761	36.796
12/21/12 16:00	38.472	38.371	33.776	6/11/13 17:00	37.990	21.419	34.536	36.213		29.770	36.836
12/21/12 16:20	38.498	38.394	33.895	6/11/13 18:00	37.983	21.412	34.557	36.210		29.789	36.857
12/21/12 16:40	38.510	38.406	34.095	6/11/13 19:00	37.969	21.403	34.525	36.206		29.775	36.827
12/21/12 17:00	38.577	38.471	34.421	6/11/13 20:00	37.976	21.389	34.655	36.194		29.756	36.834

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/21/12 17:20	38.575	38.481	34.041	6/11/13 21:00	37.976	21.396	34.555	36.196		29.798	36.838
12/21/12 17:40	38.621	38.518	34.573	6/11/13 22:00	37.993	21.394	34.515	36.199		29.768	36.787
12/21/12 18:00	38.580	38.488	33.991	6/11/13 23:00	38.018	21.410	34.515	36.215		29.761	36.770
12/21/12 18:20	38.563	38.464	34.010	6/12/13 0:00	38.025	21.431	34.515	36.234		29.770	36.766
12/21/12 18:40	38.542	38.445	33.907	6/12/13 1:00	38.046	21.422	34.513	36.241		29.775	36.759
12/21/12 19:00	38.542	38.445	33.898	6/12/13 2:00	38.035	21.433	34.515	36.259		29.789	36.761
12/21/12 19:20	38.514	38.415	33.813	6/12/13 3:00	38.032	21.424	34.508	36.252		29.775	36.752
12/21/12 19:40	38.493	38.392	33.771	6/12/13 4:00	38.028	21.412	34.506	36.248		29.768	36.752
12/21/12 20:00	38.482	38.375	33.745	6/12/13 5:00	38.049	21.408	34.490	36.243		29.765	36.740
12/21/12 20:20	38.470	38.366	33.724	6/12/13 6:00	38.069	21.431	34.506	36.266		29.775	36.747
12/21/12 20:40	38.461	38.354	33.708	6/12/13 7:00	38.104	21.454	34.508	36.276		29.796	36.742
12/21/12 21:00	38.454	38.347	33.696	6/12/13 8:00	38.123	21.482	34.497	36.295		29.798	36.703
12/21/12 21:20	38.444	38.340	33.682	6/12/13 9:00	38.151	21.501	34.548	36.302		29.798	36.679
12/21/12 21:40	38.435	38.331	33.672	6/12/13 10:00	38.174	21.522	34.841	36.344		29.903	36.831
12/21/12 22:00	38.430	38.324	33.663	6/12/13 11:00	38.184	21.540	35.095	36.379		30.099	37.089
12/21/12 22:20	38.419	38.315	33.651	6/12/13 12:00	38.193	21.554	35.214	36.393		30.214	37.241
12/21/12 22:40	38.412	38.305	33.642	6/12/13 13:00	38.188	21.561	35.312	36.402		30.298	37.315
12/21/12 23:00	38.402	38.294	33.633	6/12/13 14:00	38.184	21.564	35.400	36.404		30.368	37.404
12/21/12 23:20	38.395	38.291	33.621	6/12/13 15:00	38.177	21.561	35.454	36.402		30.420	37.446
12/21/12 23:40	38.388	38.282	33.614	6/12/13 16:00	38.172	21.564	35.477	36.397		30.457	37.467
12/22/12 0:00	38.381	38.277	33.604	6/12/13 17:00	38.163	21.566	35.424	36.390		30.473	37.444
12/22/12 0:20	38.393	38.282	33.797	6/12/13 18:00	38.165	21.566	35.107	36.383		30.336	37.262
12/22/12 0:40	38.384	38.282	33.633	6/12/13 19:00	38.170	21.573	35.107	36.390		30.265	37.156
12/22/12 1:00	38.377	38.270	33.602	6/12/13 20:00	38.186	21.587	35.342	36.386		30.387	37.257
12/22/12 1:20	38.363	38.261	33.586	6/12/13 21:00	38.200	21.606	35.391	36.390		30.450	37.294
12/22/12 1:40	38.356	38.247	33.572	6/12/13 22:00	38.226	21.627	35.079	36.407		30.352	37.177
12/22/12 2:00	38.344	38.240	33.558	6/12/13 23:00	38.242	21.657	35.028	36.430		30.303	37.107
12/22/12 2:20	38.339	38.233	33.548	6/13/13 0:00	38.239	21.671	35.035	36.465		30.303	37.138
12/22/12 2:40	38.335	38.228	33.543	6/13/13 1:00	38.253	21.680	35.044	36.465		30.315	37.182
12/22/12 3:00	38.328	38.219	33.536	6/13/13 2:00	38.251	21.694	35.011	36.465		30.317	37.161
12/22/12 3:20	38.323	38.214	33.529	6/13/13 3:00	38.251	21.715	34.969	36.446		30.289	37.082
12/22/12 3:40	38.318	38.212	33.522	6/13/13 4:00	38.239	21.720	34.928	36.439		30.258	37.025
12/22/12 4:00	38.316	38.207	33.518	6/13/13 5:00	38.226	21.701	34.890	36.423		30.230	36.981
12/22/12 4:20	38.311	38.202	33.513	6/13/13 6:00	38.235	21.711	34.867	36.409		30.214	36.955

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/22/12 4:40	38.307	38.198	33.508	6/13/13 7:00	38.221	21.725	34.916	36.416		30.212	36.941
12/22/12 5:00	38.297	38.193	33.499	6/13/13 8:00	38.219	21.720	34.900	36.397		30.205	36.937
12/22/12 5:20	38.293	38.186	33.487	6/13/13 9:00	38.212	21.722	34.872	36.395		30.221	36.960
12/22/12 5:40	38.288	38.184	33.482	6/13/13 10:00	38.202	21.729	34.867	36.400		30.198	36.960
12/22/12 6:00	38.281	38.177	33.473	6/13/13 11:00	38.174	21.725	34.865	36.393		30.195	36.986
12/22/12 6:20	38.279	38.172	33.468	6/13/13 12:00	38.165	21.711	34.876	36.379		30.191	37.014
12/22/12 6:40	38.276	38.170	33.464	6/13/13 13:00	38.146	21.706	34.865	36.367		30.186	37.023
12/22/12 7:00	38.274	38.167	33.457	6/13/13 14:00	38.100	21.694	34.890	36.344		30.167	36.995
12/22/12 7:20	38.269	38.160	33.454	6/13/13 15:00	38.086	21.652	34.802	36.299		30.130	36.958
12/22/12 7:40	38.267	38.160	33.454	6/13/13 16:00	38.055	21.648	34.928	36.292		30.102	36.948
12/22/12 8:00	38.265	38.158	33.447	6/13/13 17:00	38.046	21.610	35.119	36.271		30.228	37.079
12/22/12 8:20	38.262	38.153	33.443	6/13/13 18:00	38.028	21.617	35.249	36.264		30.315	37.198
12/22/12 8:40	38.262	38.156	33.445	6/13/13 19:00	38.018	21.606	35.326	36.257		30.357	37.276
12/22/12 9:00	38.262	38.153	33.443	6/13/13 20:00	38.023	21.596	35.237	36.262		30.406	37.346
12/22/12 9:20	38.272	38.163	33.445	6/13/13 21:00	38.025	21.596	35.060	36.266		30.272	37.194
12/22/12 9:40	38.314	38.200	33.494	6/13/13 22:00	38.032	21.589	34.995	36.255		30.205	37.063
12/22/12 10:00	38.321	38.214	33.478	6/13/13 23:00	38.060	21.608	34.848	36.248		30.163	36.960
12/22/12 10:20	38.314	38.207	33.466	6/14/13 0:00	38.060	21.620	34.872	36.269		30.123	36.880
12/22/12 10:40	38.304	38.202	33.459	6/14/13 1:00	38.069	21.622	35.160	36.262		30.249	37.025
12/22/12 11:00	38.297	38.193	33.452	6/14/13 2:00	38.058	21.622	35.244	36.269		30.331	37.128
12/22/12 11:20	38.295	38.191	33.452	6/14/13 3:00	38.021	21.594	35.289	36.257		30.375	37.170
12/22/12 11:40	38.297	38.188	33.454	6/14/13 4:00	38.025	21.568	35.291	36.227		30.373	37.189
12/22/12 12:00	38.293	38.186	33.452	6/14/13 5:00	38.056	21.585	35.340	36.227		30.382	37.205
12/22/12 12:20	38.290	38.184	33.447	6/14/13 6:00	38.051	21.599	35.363	36.252		30.431	37.224
12/22/12 12:40	38.283	38.177	33.438	6/14/13 7:00	38.049	21.589	35.305	36.248		30.438	37.229
12/22/12 13:00	38.274	38.170	33.431	6/14/13 8:00	38.060	21.587	34.983	36.241		30.291	37.046
12/22/12 13:20	38.267	38.163	33.424	6/14/13 9:00	38.053	21.587	34.893	36.250		30.226	36.941
12/22/12 13:40	38.260	38.156	33.414	6/14/13 10:00	38.044	21.578	34.802	36.243		30.151	36.855
12/22/12 14:00	38.272	38.167	33.478	6/14/13 11:00	38.028	21.573	34.744	36.231		30.095	36.803
12/22/12 14:20	38.258	38.153	33.426	6/14/13 12:00	38.016	21.550	34.690	36.215		30.043	36.756
12/22/12 14:40	38.246	38.142	33.407	6/14/13 13:00	38.009	21.545	34.741	36.203		30.011	36.747
12/22/12 15:00	38.237	38.130	33.396	6/14/13 14:00	37.990	21.529	34.823	36.192		30.069	36.808
12/22/12 15:20	38.253	38.151	33.494	6/14/13 15:00	37.981	21.508	34.820	36.175		30.055	36.817
12/22/12 15:40	38.237	38.130	33.417	6/14/13 16:00	37.960	21.501	34.858	36.185		30.064	36.873

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/22/12 16:00	38.232	38.125	33.396	6/14/13 17:00	37.958	21.482	34.960	36.173		30.074	36.944
12/22/12 16:20	38.227	38.118	33.389	6/14/13 18:00	37.979	21.489	34.928	36.182		30.111	36.997
12/22/12 16:40	38.227	38.121	33.386	6/14/13 19:00	37.993	21.492	34.888	36.203		30.130	37.009
12/22/12 17:00	38.241	38.135	33.492	6/14/13 20:00	38.004	21.503	34.785	36.215		30.062	36.934
12/22/12 17:20	38.234	38.130	33.417	6/14/13 21:00	38.030	21.501	34.732	36.220		30.025	36.878
12/22/12 17:40	38.234	38.125	33.400	6/14/13 22:00	38.063	21.520	34.730	36.241		30.025	36.845
12/22/12 18:00	38.269	38.160	33.698	6/14/13 23:00	38.125	21.559	34.702	36.264		30.013	36.822
12/22/12 18:20	38.339	38.237	34.013	6/15/13 0:00	38.121	21.596	34.695	36.311		30.027	36.794
12/22/12 18:40	38.405	38.305	34.207	6/15/13 1:00	38.132	21.589	34.662	36.302		30.006	36.761
12/22/12 19:00	38.370	38.268	33.738	6/15/13 2:00	38.118	21.601	34.653	36.306		29.994	36.747
12/22/12 19:20	38.423	38.324	34.207	6/15/13 3:00	38.107	21.578	34.622	36.290		29.980	36.728
12/22/12 19:40	38.421	38.324	33.888	6/15/13 4:00	38.116	21.575	34.608	36.281		29.959	36.717
12/22/12 20:00	38.381	38.284	33.668	6/15/13 5:00	38.137	21.592	34.604	36.285		29.952	36.714
12/22/12 20:20	38.372	38.268	33.801	6/15/13 6:00	38.144	21.603	34.608	36.299		29.957	36.717
12/22/12 20:40	38.379	38.280	33.703	6/15/13 7:00	38.149	21.620	34.611	36.306		29.957	36.719
12/22/12 21:00	38.353	38.251	33.595	6/15/13 8:00	38.153	21.620	34.608	36.309		29.957	36.721
12/22/12 21:20	38.360	38.258	33.621	6/15/13 9:00	38.167	21.629	34.632	36.309		29.983	36.738
12/22/12 21:40	38.365	38.265	33.635	6/15/13 10:00	38.158	21.631	35.007	36.334		30.116	36.920
12/22/12 22:00	38.344	38.242	33.567	6/15/13 11:00	38.144	21.629	35.165	36.334		30.240	37.098
12/22/12 22:20	38.328	38.224	33.532	6/15/13 12:00	38.123	21.620	35.235	36.316		30.301	37.159
12/22/12 22:40	38.344	38.242	33.644	6/15/13 13:00	38.109	21.615	34.976	36.297		30.258	37.098
12/22/12 23:00	38.330	38.223	33.543	6/15/13 14:00	38.051	21.589	35.100	36.285		30.233	37.044
12/22/12 23:20	38.318	38.214	33.515	6/15/13 15:00	38.023	21.540	34.825	36.238		30.132	36.962
12/22/12 23:40	38.311	38.202	33.501	6/15/13 16:00	38.007	21.524	34.727	36.213		30.050	36.862
12/23/12 0:00	38.304	38.198	33.492	6/15/13 17:00	37.997	21.513	34.660	36.194		29.990	36.789
12/23/12 0:20	38.297	38.188	33.480	6/15/13 18:00	38.000	21.510	34.627	36.192		29.950	36.747
12/23/12 0:40	38.300	38.191	33.478	6/15/13 19:00	38.000	21.506	34.643	36.206		29.936	36.780
12/23/12 1:00	38.300	38.193	33.478	6/15/13 20:00	38.023	21.503	34.604	36.192		29.924	36.754
12/23/12 1:20	38.295	38.188	33.478	6/15/13 21:00	38.063	21.533	34.587	36.210		29.919	36.714
12/23/12 1:40	38.290	38.181	33.466	6/15/13 22:00	38.088	21.552	34.597	36.238		29.945	36.710
12/23/12 2:00	38.290	38.181	33.468	6/15/13 23:00	38.123	21.582	34.597	36.257		29.931	36.700
12/23/12 2:20	38.288	38.179	33.464	6/16/13 0:00	38.118	21.606	34.597	36.288		29.945	36.700
12/23/12 2:40	38.288	38.181	33.459	6/16/13 1:00	38.158	21.622	34.599	36.281		29.929	36.705
12/23/12 3:00	38.286	38.179	33.457	6/16/13 2:00	38.160	21.636	34.604	36.313		29.952	36.714

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/23/12 3:20	38.279	38.172	33.450	6/16/13 3:00	38.195	21.657	34.618	36.313		29.962	36.728
12/23/12 3:40	38.283	38.174	33.452	6/16/13 4:00	38.156	21.671	34.632	36.344		29.987	36.745
12/23/12 4:00	38.283	38.174	33.454	6/16/13 5:00	38.056	21.589	34.615	36.318		29.976	36.770
12/23/12 4:20	38.281	38.172	33.447	6/16/13 6:00	38.100	21.568	34.618	36.238		29.903	36.803
12/23/12 4:40	38.279	38.170	33.447	6/16/13 7:00	38.156	21.615	34.662	36.290		29.952	36.845
12/23/12 5:00	38.281	38.174	33.447	6/16/13 8:00	38.186	21.664	34.671	36.325		29.997	36.829
12/23/12 5:20	38.281	38.170	33.443	6/16/13 9:00	38.174	21.671	34.662	36.346		30.011	36.803
12/23/12 5:40	38.281	38.172	33.445	6/16/13 10:00	38.163	21.659	34.848	36.334		29.994	36.808
12/23/12 6:00	38.279	38.170	33.440	6/16/13 11:00	38.149	21.655	35.126	36.344		30.193	37.082
12/23/12 6:20	38.279	38.170	33.440	6/16/13 12:00	38.146	21.655	35.237	36.323		30.298	37.191
12/23/12 6:40	38.274	38.167	33.438	6/16/13 13:00	38.139	21.657	35.303	36.323		30.347	37.234
12/23/12 7:00	38.274	38.167	33.433	6/16/13 14:00	38.123	21.652	35.331	36.316		30.392	37.255
12/23/12 7:20	38.274	38.165	33.431	6/16/13 15:00	38.102	21.636	35.240	36.304		30.420	37.273
12/23/12 7:40	38.272	38.163	33.429	6/16/13 16:00	38.090	21.617	34.965	36.285		30.254	37.086
12/23/12 8:00	38.295	38.188	33.525	6/16/13 17:00	38.074	21.608	34.865	36.271		30.172	36.974
12/23/12 8:20	38.290	38.184	33.468	6/16/13 18:00	38.049	21.596	34.792	36.257		30.118	36.908
12/23/12 8:40	38.288	38.181	33.457	6/16/13 19:00	38.032	21.580	34.732	36.234		30.067	36.852
12/23/12 9:00	38.293	38.184	33.454	6/16/13 20:00	38.042	21.566	34.706	36.217		30.041	36.820
12/23/12 9:20	38.288	38.179	33.450	6/16/13 21:00	38.102	21.601	34.683	36.224		30.006	36.782
12/23/12 9:40	38.286	38.177	33.445	6/16/13 22:00	38.123	21.641	34.720	36.288		30.029	36.801
12/23/12 10:00	38.288	38.181	33.447	6/16/13 23:00	38.202	21.676	34.774	36.316		30.053	36.890
12/23/12 10:20	38.290	38.181	33.447	6/17/13 0:00	38.188	21.715	34.837	36.404		30.132	36.979
12/23/12 10:40	38.290	38.181	33.447	6/17/13 1:00	38.209	21.720	34.848	36.388		30.139	37.000
12/23/12 11:00	38.290	38.186	33.447	6/17/13 2:00	38.081	21.685	34.783	36.390		30.149	36.941
12/23/12 11:20	38.295	38.188	33.447	6/17/13 3:00	37.953	21.582	34.685	36.269		30.036	36.848
12/23/12 11:40	38.302	38.195	33.450	6/17/13 4:00	38.016	21.496	34.636	36.180		29.931	36.824
12/23/12 12:00	38.311	38.200	33.459	6/17/13 5:00	38.109	21.601	34.667	36.222		29.945	36.813
12/23/12 12:20	38.304	38.195	33.457	6/17/13 6:00	38.130	21.662	34.699	36.306		30.027	36.843
12/23/12 12:40	38.297	38.188	33.450	6/17/13 7:00	38.142	21.676	34.688	36.313		30.029	36.822
12/23/12 13:00	38.290	38.181	33.440	6/17/13 8:00	38.158	21.685	34.678	36.316		30.020	36.803
12/23/12 13:20	38.286	38.174	33.433	6/17/13 9:00	38.181	21.708	34.776	36.337		30.022	36.815
12/23/12 13:40	38.293	38.184	33.647	6/17/13 10:00	38.177	21.720	34.725	36.351		30.062	36.850
12/23/12 14:00	38.288	38.179	33.461	6/17/13 11:00	38.167	21.713	34.709	36.344		30.053	36.834
12/23/12 14:20	38.286	38.181	33.438	6/17/13 12:00	38.158	21.704	34.688	36.334		30.041	36.822

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/23/12 14:40	38.300	38.195	33.647	6/17/13 13:00	38.142	21.701	34.723	36.327		30.050	36.843
12/23/12 15:00	38.367	38.298	33.966	6/17/13 14:00	38.125	21.694	34.704	36.318		30.032	36.850
12/23/12 15:20	38.367	38.298	33.654	6/17/13 15:00	38.109	21.678	34.711	36.311		30.025	36.869
12/23/12 15:40	38.388	38.294	33.862	6/17/13 16:00	38.100	21.678	34.725	36.306		30.027	36.899
12/23/12 16:00	38.367	38.263	33.900	6/17/13 17:00	38.083	21.666	34.720	36.297		30.025	36.904
12/23/12 16:20	38.402	38.303	33.949	6/17/13 18:00	38.076	21.655	34.713	36.290		30.015	36.904
12/23/12 16:40	38.395	38.291	33.912	6/17/13 19:00	38.072	21.648	34.711	36.276		30.015	36.892
12/23/12 17:00	38.391	38.296	33.715	6/17/13 20:00	38.083	21.655	34.683	36.269		29.997	36.862
12/23/12 17:20	38.402	38.305	33.757	6/17/13 21:00	38.095	21.659	34.660	36.269		29.990	36.817
12/23/12 17:40	38.405	38.303	33.867	6/17/13 22:00	38.116	21.671	34.641	36.276		29.983	36.789
12/23/12 18:00	38.398	38.296	33.837	6/17/13 23:00	38.128	21.694	34.699	36.288		30.032	36.822
12/23/12 18:20	38.372	38.272	33.626	6/18/13 0:00	38.139	21.690	34.660	36.299		29.999	36.794
12/23/12 18:40	38.367	38.268	33.623	6/18/13 1:00	38.153	21.711	34.657	36.306		29.997	36.785
12/23/12 19:00	38.367	38.265	33.637	6/18/13 2:00	38.135	21.715	34.650	36.316		29.997	36.780
12/23/12 19:20	38.356	38.247	33.569	6/18/13 3:00	38.142	21.706	34.674	36.297		29.987	36.782
12/23/12 19:40	38.335	38.233	33.541	6/18/13 4:00	38.132	21.708	34.646	36.302		29.994	36.782
12/23/12 20:00	38.330	38.224	33.518	6/18/13 5:00	38.123	21.706	34.636	36.292		29.980	36.775
12/23/12 20:20	38.325	38.216	33.504	6/18/13 6:00	38.125	21.697	34.625	36.285		29.969	36.768
12/23/12 20:40	38.328	38.221	33.501	6/18/13 7:00	38.139	21.708	34.627	36.285		29.966	36.770
12/23/12 21:00	38.323	38.216	33.497	6/18/13 8:00	38.156	21.720	34.639	36.299		29.980	36.778
12/23/12 21:20	38.318	38.212	33.492	6/18/13 9:00	38.163	21.732	34.646	36.309		29.987	36.782
12/23/12 21:40	38.318	38.214	33.494	6/18/13 10:00	38.149	21.732	34.860	36.318		30.013	36.831
12/23/12 22:00	38.344	38.235	33.635	6/18/13 11:00	38.123	21.718	34.718	36.306		30.053	36.871
12/23/12 22:20	38.332	38.223	33.529	6/18/13 12:00	38.104	21.706	34.678	36.281		30.008	36.834
12/23/12 22:40	38.328	38.219	33.511	6/18/13 13:00	38.100	21.690	34.664	36.269		29.999	36.831
12/23/12 23:00	38.323	38.219	33.501	6/18/13 14:00	38.081	21.685	34.653	36.264		29.987	36.817
12/23/12 23:20	38.332	38.226	33.506	6/18/13 15:00	38.060	21.673	34.674	36.248		29.997	36.838
12/23/12 23:40	38.328	38.221	33.501	6/18/13 16:00	38.044	21.650	34.690	36.231		29.962	36.820
12/24/12 0:00	38.325	38.219	33.499	6/18/13 17:00	38.023	21.638	34.625	36.217		29.948	36.806
12/24/12 0:20	38.323	38.216	33.497	6/18/13 18:00	38.058	21.634	34.618	36.199		29.924	36.787
12/24/12 0:40	38.328	38.219	33.497	6/18/13 19:00	38.044	21.659	34.660	36.245		29.945	36.824
12/24/12 1:00	38.328	38.224	33.501	6/18/13 20:00	38.053	21.627	34.641	36.234		29.955	36.850
12/24/12 1:20	38.325	38.216	33.499	6/18/13 21:00	38.046	21.643	34.641	36.239		29.950	36.845
12/24/12 1:40	38.323	38.216	33.494	6/18/13 22:00	38.072	21.641	34.681	36.236		29.936	36.845

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/24/12 2:00	38.318	38.209	33.487	6/18/13 23:00	38.079	21.655	34.632	36.248		29.959	36.817
12/24/12 2:20	38.314	38.207	33.480	6/19/13 0:00	38.090	21.659	34.606	36.252		29.943	36.775
12/24/12 2:40	38.318	38.212	33.480	6/19/13 1:00	38.100	21.671	34.597	36.259		29.931	36.754
12/24/12 3:00	38.318	38.209	33.482	6/19/13 2:00	38.090	21.673	34.585	36.264		29.926	36.740
12/24/12 3:20	38.321	38.214	33.489	6/19/13 3:00	38.079	21.657	34.571	36.255		29.910	36.726
12/24/12 3:40	38.325	38.216	33.494	6/19/13 4:00	38.072	21.650	34.559	36.243		29.894	36.714
12/24/12 4:00	38.328	38.219	33.499	6/19/13 5:00	38.074	21.641	34.573	36.236		29.910	36.726
12/24/12 4:20	38.332	38.221	33.499	6/19/13 6:00	38.086	21.638	34.552	36.234		29.891	36.712
12/24/12 4:40	38.330	38.219	33.497	6/19/13 7:00	38.090	21.650	34.555	36.245		29.889	36.712
12/24/12 5:00	38.330	38.219	33.497	6/19/13 8:00	38.090	21.650	34.550	36.250		29.887	36.712
12/24/12 5:20	38.332	38.221	33.497	6/19/13 9:00	38.095	21.638	34.545	36.248		29.882	36.710
12/24/12 5:40	38.335	38.226	33.504	6/19/13 10:00	38.090	21.643	34.566	36.253		29.901	36.733
12/24/12 6:00	38.339	38.231	33.504	6/19/13 11:00	38.093	21.634	34.583	36.245		29.905	36.738
12/24/12 6:20	38.342	38.233	33.508	6/19/13 12:00	38.081	21.641	34.590	36.248		29.905	36.742
12/24/12 6:40	38.342	38.233	33.508	6/19/13 13:00	38.067	21.622	34.641	36.241		29.966	36.810
12/24/12 7:00	38.344	38.235	33.511	6/19/13 14:00	38.058	21.620	34.667	36.234		29.950	36.820
12/24/12 7:20	38.342	38.235	33.508	6/19/13 15:00	38.042	21.601	34.620	36.236		29.915	36.803
12/24/12 7:40	38.353	38.242	33.511	6/19/13 16:00	38.035	21.594	34.618	36.227		29.908	36.820
12/24/12 8:00	38.353	38.245	33.513	6/19/13 17:00	38.021	21.578	34.657	36.229		29.905	36.829
12/24/12 8:20	38.360	38.247	33.518	6/19/13 18:00	38.011	21.566	34.660	36.210		29.901	36.829
12/24/12 8:40	38.358	38.249	33.518	6/19/13 19:00	38.014	21.554	34.599	36.208		29.891	36.817
12/24/12 9:00	38.356	38.251	33.515	6/19/13 20:00	38.021	21.559	34.730	36.215		29.898	36.843
12/24/12 9:20	38.360	38.254	33.518	6/19/13 21:00	38.028	21.561	34.618	36.211		29.908	36.831
12/24/12 9:40	38.360	38.254	33.529	6/19/13 22:00	38.060	21.573	34.648	36.215		29.882	36.785
12/24/12 10:00	38.374	38.265	33.691	6/19/13 23:00	38.086	21.596	34.660	36.238		29.955	36.836
12/24/12 10:20	38.379	38.272	33.567	6/20/13 0:00	38.086	21.608	34.620	36.262		29.931	36.796
12/24/12 10:40	38.370	38.266	33.546	6/20/13 1:00	38.076	21.596	34.585	36.255		29.912	36.756
12/24/12 11:00	38.372	38.263	33.541	6/20/13 2:00	38.065	21.582	34.555	36.243		29.884	36.724
12/24/12 11:20	38.374	38.263	33.541	6/20/13 3:00	38.063	21.575	34.566	36.238		29.880	36.733
12/24/12 11:40	38.374	38.263	33.541	6/20/13 4:00	38.069	21.575	34.545	36.236		29.866	36.728
12/24/12 12:00	38.374	38.263	33.541	6/20/13 5:00	38.056	21.580	34.529	36.238		29.856	36.700
12/24/12 12:20	38.374	38.266	33.539	6/20/13 6:00	38.046	21.568	34.499	36.222		29.833	36.672
12/24/12 12:40	38.374	38.266	33.536	6/20/13 7:00	38.053	21.564	34.494	36.215		29.821	36.677
12/24/12 13:00	38.384	38.272	33.536	6/20/13 8:00	38.044	21.564	34.529	36.218		29.824	36.679

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/24/12 13:20	38.416	38.301	33.534	6/20/13 9:00	38.051	21.559	34.522	36.220		29.828	36.703
12/24/12 13:40	38.426	38.317	33.633	6/20/13 10:00	38.049	21.571	34.555	36.234		29.840	36.752
12/24/12 14:00	38.405	38.298	33.558	6/20/13 11:00	38.046	21.561	34.571	36.236		29.854	36.794
12/24/12 14:20	38.388	38.282	33.534	6/20/13 12:00	38.037	21.559	34.578	36.236		29.866	36.808
12/24/12 14:40	38.374	38.268	33.520	6/20/13 13:00	38.037	21.543	34.573	36.227		29.859	36.789
12/24/12 15:00	38.398	38.277	33.621	6/20/13 14:00	38.035	21.545	34.597	36.229		29.875	36.796
12/24/12 15:20	38.524	38.567	33.909	6/20/13 15:00	38.021	21.533	34.587	36.238		29.861	36.817
12/24/12 15:40	38.689	38.660	33.968	6/20/13 16:00	37.997	21.526	34.625	36.229		29.856	36.824
12/24/12 16:00	38.668	38.630	34.339	6/20/13 17:00	37.990	21.506	34.587	36.215		29.854	36.841
12/24/12 16:20	38.731	38.787	33.994	6/20/13 18:00	37.990	21.501	34.597	36.208		29.856	36.841
12/24/12 16:40	38.698	38.745	33.900	6/20/13 19:00	37.990	21.492	34.559	36.206		29.838	36.815
12/24/12 17:00	38.722	38.719	33.745	6/20/13 20:00	38.009	21.496	34.592	36.206		29.821	36.787
12/24/12 17:20	38.710	38.698	33.907	6/20/13 21:00	38.037	21.508	34.580	36.213		29.835	36.778
12/24/12 17:40	38.531	38.436	33.780	6/20/13 22:00	38.074	21.538	34.671	36.227		29.859	36.756
12/24/12 18:00	38.507	38.408	33.773	6/20/13 23:00	38.097	21.559	34.576	36.255		29.882	36.754
12/24/12 18:20	38.512	38.413	34.074	6/21/13 0:00	38.109	21.571	34.555	36.276		29.868	36.728
12/24/12 18:40	38.484	38.385	33.755	6/21/13 1:00	38.104	21.571	34.557	36.283		29.863	36.728
12/24/12 19:00	38.456	38.354	33.684	6/21/13 2:00	38.097	21.568	34.559	36.288		29.861	36.749
12/24/12 19:20	38.435	38.333	33.647	6/21/13 3:00	38.095	21.564	34.541	36.274		29.861	36.733
12/24/12 19:40	38.426	38.322	33.623	6/21/13 4:00	38.102	21.561	34.534	36.266		29.847	36.700
12/24/12 20:00	38.409	38.305	33.607	6/21/13 5:00	38.111	21.585	34.532	36.269		29.852	36.700
12/24/12 20:20	38.405	38.298	33.597	6/21/13 6:00	38.114	21.585	34.515	36.271		29.842	36.682
12/24/12 20:40	38.395	38.291	33.588	6/21/13 7:00	38.107	21.585	34.513	36.271		29.838	36.675
12/24/12 21:00	38.391	38.282	33.576	6/21/13 8:00	38.097	21.580	34.508	36.267		29.831	36.679
12/24/12 21:20	38.386	38.282	33.574	6/21/13 9:00	38.090	21.568	34.522	36.257		29.849	36.700
12/24/12 21:40	38.384	38.279	33.574	6/21/13 10:00	38.093	21.585	34.520	36.252		29.833	36.700
12/24/12 22:00	38.381	38.275	33.569	6/21/13 11:00	38.086	21.568	34.590	36.269		29.859	36.773
12/24/12 22:20	38.377	38.270	33.562	6/21/13 12:00	38.079	21.566	34.720	36.271		29.877	36.855
12/24/12 22:40	38.379	38.270	33.562	6/21/13 13:00	38.069	21.559	34.746	36.271		29.936	36.925
12/24/12 23:00	38.379	38.275	33.565	6/21/13 14:00	38.056	21.552	34.783	36.274		29.941	36.962
12/24/12 23:20	38.377	38.270	33.562	6/21/13 15:00	38.046	21.540	34.762	36.269		29.994	37.030
12/24/12 23:40	38.377	38.270	33.558	6/21/13 16:00	38.049	21.533	34.739	36.264		29.985	37.011
12/25/12 0:00	38.377	38.270	33.560	6/21/13 17:00	38.037	21.538	34.953	36.274		30.050	37.091
12/25/12 0:20	38.377	38.272	33.565	6/21/13 18:00	38.028	21.524	34.785	36.266		30.020	37.044

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/25/12 0:40	38.395	38.291	33.640	6/21/13 19:00	38.028	21.513	34.785	36.262		29.978	36.995
12/25/12 1:00	38.391	38.286	33.590	6/21/13 20:00	38.044	21.517	34.767	36.257		29.964	36.951
12/25/12 1:20	38.386	38.277	33.579	6/21/13 21:00	38.060	21.531	34.774	36.276		29.978	36.939
12/25/12 1:40	38.386	38.277	33.576	6/21/13 22:00	38.083	21.545	34.727	36.278		29.992	36.915
12/25/12 2:00	38.381	38.272	33.572	6/21/13 23:00	38.104	21.571	34.716	36.299		29.987	36.904
12/25/12 2:20	38.384	38.277	33.572	6/22/13 0:00	38.102	21.573	34.704	36.316		29.983	36.904
12/25/12 2:40	38.386	38.280	33.574	6/22/13 1:00	38.109	21.582	34.737	36.320		29.990	36.920
12/25/12 3:00	38.386	38.275	33.574	6/22/13 2:00	38.100	21.580	34.718	36.325		29.990	36.920
12/25/12 3:20	38.386	38.279	33.574	6/22/13 3:00	38.097	21.578	34.704	36.318		29.987	36.908
12/25/12 3:40	38.391	38.282	33.576	6/22/13 4:00	38.090	21.573	34.681	36.311		29.971	36.883
12/25/12 4:00	38.391	38.282	33.581	6/22/13 5:00	38.081	21.568	34.662	36.306		29.957	36.852
12/25/12 4:20	38.393	38.284	33.581	6/22/13 6:00	38.093	21.561	34.662	36.302		29.945	36.857
12/25/12 4:40	38.393	38.284	33.581	6/22/13 7:00	38.102	21.580	34.676	36.313		29.955	36.873
12/25/12 5:00	38.391	38.282	33.579	6/22/13 8:00	38.100	21.582	34.683	36.311		29.973	36.880
12/25/12 5:20	38.391	38.282	33.576	6/22/13 9:00	38.102	21.589	34.671	36.313		29.966	36.869
12/25/12 5:40	38.391	38.286	33.576	6/22/13 10:00	38.081	21.585	34.709	36.311		29.964	36.876
12/25/12 6:00	38.393	38.286	33.579	6/22/13 11:00	38.081	21.561	34.725	36.295		29.955	36.871
12/25/12 6:20	38.400	38.294	33.583	6/22/13 12:00	38.125	21.573	34.697	36.302		29.966	36.897
12/25/12 6:40	38.409	38.298	33.593	6/22/13 13:00	38.095	21.589	34.681	36.332		29.990	36.883
12/25/12 7:00	38.412	38.305	33.600	6/22/13 14:00	38.053	21.571	34.667	36.306		29.959	36.864
12/25/12 7:20	38.414	38.305	33.604	6/22/13 15:00	38.035	21.536	34.657	36.278		29.936	36.876
12/25/12 7:40	38.423	38.315	33.607	6/22/13 16:00	38.021	21.526	34.783	36.266		29.931	36.899
12/25/12 8:00	38.433	38.322	33.609	6/22/13 17:00	38.000	21.506	34.930	36.264		30.036	37.032
12/25/12 8:20	38.440	38.329	33.614	6/22/13 18:00	38.002	21.492	34.781	36.253		30.011	37.021
12/25/12 8:40	38.442	38.331	33.621	6/22/13 19:00	37.997	21.503	34.823	36.255		29.973	36.986
12/25/12 9:00	38.447	38.338	33.628	6/22/13 20:00	38.000	21.492	34.753	36.248		29.990	36.981
12/25/12 9:20	38.451	38.340	33.640	6/22/13 21:00	38.025	21.492	34.702	36.245		29.957	36.932
12/25/12 9:40	38.465	38.352	33.651	6/22/13 22:00	38.046	21.517	34.669	36.257		29.948	36.871
12/25/12 10:00	38.468	38.361	33.658	6/22/13 23:00	38.069	21.536	34.622	36.262		29.929	36.803
12/25/12 10:20	38.475	38.366	33.668	6/23/13 0:00	38.083	21.538	34.608	36.276		29.922	36.778
12/25/12 10:40	38.477	38.368	33.670	6/23/13 1:00	38.069	21.554	34.592	36.281		29.912	36.747
12/25/12 11:00	38.475	38.366	33.675	6/23/13 2:00	38.072	21.531	34.555	36.262		29.884	36.710
12/25/12 11:20	38.477	38.364	33.668	6/23/13 3:00	38.065	21.545	34.541	36.259		29.868	36.691
12/25/12 11:40	38.486	38.373	33.672	6/23/13 4:00	38.056	21.526	34.513	36.250		29.849	36.665

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/25/12 12:00	38.484	38.375	33.677	6/23/13 5:00	38.074	21.526	34.499	36.239		29.831	36.644
12/25/12 12:20	38.500	38.392	33.804	6/23/13 6:00	38.144	21.585	34.527	36.252		29.833	36.654
12/25/12 12:40	38.486	38.380	33.696	6/23/13 7:00	38.135	21.610	34.552	36.316		29.887	36.691
12/25/12 13:00	38.486	38.378	33.679	6/23/13 8:00	38.102	21.582	34.557	36.299		29.891	36.698
12/25/12 13:20	38.486	38.380	33.679	6/23/13 9:00	38.132	21.578	34.532	36.271		29.859	36.684
12/25/12 13:40	38.486	38.380	33.677	6/23/13 10:00	38.121	21.592	34.592	36.299		29.908	36.735
12/25/12 14:00	38.496	38.385	33.679	6/23/13 11:00	38.116	21.582	34.716	36.297		29.903	36.768
12/25/12 14:20	38.505	38.396	33.684	6/23/13 12:00	38.109	21.582	34.911	36.295		30.036	36.932
12/25/12 14:40	38.507	38.399	33.684	6/23/13 13:00	38.104	21.587	34.893	36.288		30.109	37.032
12/25/12 15:00	38.516	38.406	33.689	6/23/13 14:00	38.086	21.580	34.776	36.283		30.053	36.953
12/25/12 15:20	38.523	38.417	33.698	6/23/13 15:00	38.072	21.566	34.827	36.264		29.987	36.887
12/25/12 15:40	38.552	38.441	33.832	6/23/13 16:00	38.065	21.559	34.744	36.250		29.992	36.859
12/25/12 16:00	38.547	38.441	33.750	6/23/13 17:00	38.051	21.552	35.086	36.248		30.099	36.995
12/25/12 16:20	38.549	38.441	33.733	6/23/13 18:00	38.046	21.554	34.799	36.234		30.071	36.967
12/25/12 16:40	38.549	38.441	33.726	6/23/13 19:00	38.044	21.540	34.881	36.236		30.027	36.908
12/25/12 17:00	38.549	38.439	33.724	6/23/13 20:00	38.056	21.538	34.841	36.239		30.102	36.983
12/25/12 17:20	38.554	38.441	33.724	6/23/13 21:00	38.069	21.550	34.720	36.241		30.020	36.876
12/25/12 17:40	38.556	38.446	33.722	6/23/13 22:00	38.081	21.557	34.811	36.252		30.013	36.871
12/25/12 18:00	38.556	38.446	33.722	6/23/13 23:00	38.116	21.578	34.853	36.269		30.099	36.953
12/25/12 18:20	38.589	38.480	33.912	6/24/13 0:00	38.121	21.599	34.804	36.302		30.083	36.958
12/25/12 18:40	38.638	38.532	34.083	6/24/13 1:00	38.121	21.596	34.764	36.309		30.050	36.918
12/25/12 19:00	38.692	38.586	34.484	6/24/13 2:00	38.100	21.599	34.744	36.309		30.041	36.906
12/25/12 19:20	38.696	38.597	34.073	6/24/13 3:00	38.086	21.575	34.737	36.299		30.022	36.904
12/25/12 19:40	38.682	38.581	33.989	6/24/13 4:00	38.083	21.573	34.734	36.295		30.013	36.918
12/25/12 20:00	38.701	38.595	34.360	6/24/13 5:00	38.086	21.571	34.725	36.295		30.008	36.918
12/25/12 20:20	38.703	38.604	34.076	6/24/13 6:00	38.093	21.575	34.702	36.290		29.999	36.883
12/25/12 20:40	38.671	38.567	33.930	6/24/13 7:00	38.086	21.575	34.667	36.285		29.985	36.829
12/25/12 21:00	38.661	38.555	34.146	6/24/13 8:00	38.100	21.596	34.671	36.285		29.962	36.817
12/25/12 21:20	38.678	38.576	34.034	6/24/13 9:00	38.132	21.601	34.802	36.292		29.976	36.824
12/25/12 21:40	38.694	38.590	34.329	6/24/13 10:00	38.102	21.606	34.678	36.309		30.013	36.827
12/25/12 22:00	38.668	38.567	33.961	6/24/13 11:00	38.090	21.582	34.641	36.283		29.973	36.782
12/25/12 22:20	38.661	38.560	33.970	6/24/13 12:00	38.090	21.582	34.767	36.274		29.992	36.836
12/25/12 22:40	38.636	38.532	33.884	6/24/13 13:00	38.086	21.575	34.706	36.285		29.992	36.862
12/25/12 23:00	38.638	38.534	33.954	6/24/13 14:00	38.063	21.585	34.720	36.285		30.001	36.906

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/25/12 23:20	38.619	38.518	33.860	6/24/13 15:00	38.042	21.545	34.739	36.269		29.971	36.899
12/25/12 23:40	38.628	38.525	33.989	6/24/13 16:00	38.042	21.533	34.709	36.260		29.976	36.899
12/26/12 0:00	38.610	38.504	33.855	6/24/13 17:00	38.016	21.531	34.690	36.264		29.978	36.904
12/26/12 0:20	38.591	38.487	33.820	6/24/13 18:00	38.011	21.503	34.804	36.234		29.983	36.908
12/26/12 0:40	38.603	38.502	33.914	6/24/13 19:00	37.995	21.513	34.690	36.236		29.966	36.892
12/26/12 1:00	38.589	38.487	33.827	6/24/13 20:00	37.988	21.499	34.674	36.213		29.959	36.864
12/26/12 1:20	38.575	38.469	33.797	6/24/13 21:00	37.951	21.478	34.660	36.213		29.938	36.843
12/26/12 1:40	38.591	38.490	33.891	6/24/13 22:00	37.995	21.471	34.734	36.185		29.915	36.866
12/26/12 2:00	38.570	38.466	33.808	6/24/13 23:00	38.021	21.489	34.632	36.206		29.931	36.813
12/26/12 2:20	38.584	38.485	33.909	6/25/13 0:00	38.004	21.506	34.590	36.220		29.901	36.745
12/26/12 2:40	38.570	38.467	33.811	6/25/13 1:00	38.102	21.513	34.569	36.196		29.873	36.707
12/26/12 3:00	38.558	38.455	33.785	6/25/13 2:00	38.132	21.564	34.578	36.281		29.915	36.700
12/26/12 3:20	38.547	38.441	33.764	6/25/13 3:00	38.123	21.599	34.587	36.302		29.924	36.707
12/26/12 3:40	38.558	38.455	33.839	6/25/13 4:00	38.116	21.578	34.580	36.290		29.919	36.712
12/26/12 4:00	38.544	38.439	33.776	6/25/13 5:00	38.088	21.573	34.564	36.283		29.905	36.696
12/26/12 4:20	38.531	38.425	33.748	6/25/13 6:00	38.058	21.540	34.529	36.255		29.875	36.670
12/26/12 4:40	38.523	38.420	33.733	6/25/13 7:00	38.051	21.510	34.504	36.236		29.840	36.647
12/26/12 5:00	38.512	38.408	33.719	6/25/13 8:00	38.039	21.515	34.487	36.232		29.828	36.628
12/26/12 5:20	38.505	38.399	33.708	6/25/13 9:00	38.030	21.503	34.471	36.220		29.812	36.616
12/26/12 5:40	38.479	38.378	33.687	6/25/13 10:00	38.021	21.501	34.634	36.213		29.842	36.677
12/26/12 6:00	38.475	38.366	33.665	6/25/13 11:00	38.014	21.480	34.730	36.203		29.849	36.714
12/26/12 6:20	38.470	38.366	33.661	6/25/13 12:00	38.007	21.475	34.576	36.203		29.875	36.747
12/26/12 6:40	38.465	38.357	33.656	6/25/13 13:00	38.002	21.473	34.562	36.211		29.847	36.752
12/26/12 7:00	38.461	38.354	33.654	6/25/13 14:00	37.969	21.457	34.534	36.203		29.835	36.738
12/26/12 7:20	38.461	38.359	33.654	6/25/13 15:00	37.953	21.426	34.539	36.180		29.824	36.735
12/26/12 7:40	38.475	38.366	33.656	6/25/13 16:00	37.972	21.396	34.520	36.168		29.805	36.745
12/26/12 8:00	38.479	38.373	33.658	6/25/13 17:00	37.997	21.431	34.587	36.182		29.803	36.728
12/26/12 8:20	38.477	38.373	33.663	6/25/13 18:00	38.025	21.450	34.566	36.218		29.833	36.770
12/26/12 8:40	38.475	38.366	33.665	6/25/13 19:00	38.063	21.471	34.769	36.248		29.905	36.873
12/26/12 9:00	38.468	38.359	33.661	6/25/13 20:00	38.097	21.496	34.757	36.288		29.997	36.951
12/26/12 9:20	38.477	38.373	33.776	6/25/13 21:00	38.104	21.522	34.709	36.299		29.957	36.862
12/26/12 9:40	38.465	38.359	33.682	6/25/13 22:00	38.123	21.522	34.632	36.295		29.936	36.792
12/26/12 10:00	38.461	38.354	33.663	6/25/13 23:00	38.163	21.540	34.653	36.306		29.955	36.794
12/26/12 10:20	38.458	38.352	33.658	6/26/13 0:00	38.163	21.568	34.634	36.337		29.957	36.766

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/26/12 10:40	38.458	38.352	33.656	6/26/13 1:00	38.170	21.582	34.655	36.334		29.955	36.770
12/26/12 11:00	38.449	38.345	33.649	6/26/13 2:00	38.158	21.585	34.625	36.337		29.957	36.761
12/26/12 11:20	38.442	38.333	33.635	6/26/13 3:00	38.153	21.575	34.611	36.325		29.943	36.749
12/26/12 11:40	38.482	38.380	33.830	6/26/13 4:00	38.149	21.573	34.601	36.320		29.934	36.745
12/26/12 12:00	38.486	38.387	33.792	6/26/13 5:00	38.144	21.571	34.620	36.316		29.952	36.759
12/26/12 12:20	38.461	38.359	33.698	6/26/13 6:00	38.156	21.578	34.604	36.311		29.934	36.745
12/26/12 12:40	38.486	38.382	33.961	6/26/13 7:00	38.177	21.592	34.606	36.318		29.936	36.740
12/26/12 13:00	38.505	38.399	34.062	6/26/13 8:00	38.209	21.617	34.620	36.337		29.950	36.747
12/26/12 13:20	38.477	38.378	33.752	6/26/13 9:00	38.209	21.650	34.643	36.362		29.983	36.763
12/26/12 13:40	38.454	38.350	33.687	6/26/13 10:00	38.202	21.645	34.869	36.362		30.078	36.878
12/26/12 14:00	38.437	38.333	33.651	6/26/13 11:00	38.191	21.643	34.757	36.360		30.076	36.894
12/26/12 14:20	38.419	38.315	33.628	6/26/13 12:00	38.181	21.641	34.730	36.351		30.050	36.876
12/26/12 14:40	38.405	38.301	33.604	6/26/13 13:00	38.165	21.643	34.948	36.353		30.081	36.946
12/26/12 15:00	38.391	38.286	33.583	6/26/13 14:00	38.153	21.638	34.781	36.334		30.090	36.944
12/26/12 15:20	38.386	38.280	33.740	6/26/13 15:00	38.139	21.627	34.760	36.330		30.071	36.923
12/26/12 15:40	38.384	38.279	33.607	6/26/13 16:00	38.125	21.624	34.725	36.313		30.046	36.883
12/26/12 16:00	38.384	38.282	33.649	6/26/13 17:00	38.118	21.620	34.725	36.299		30.020	36.845
12/26/12 16:20	38.402	38.298	33.977	6/26/13 18:00	38.111	21.615	34.969	36.290		30.111	36.934
12/26/12 16:40	38.433	38.331	33.851	6/26/13 19:00	38.111	21.615	35.114	36.285		30.209	37.058
12/26/12 17:00	38.456	38.357	33.991	6/26/13 20:00	38.114	21.622	35.095	36.285		30.242	37.082
12/26/12 17:20	38.496	38.396	34.205	6/26/13 21:00	38.118	21.631	35.207	36.288		30.336	37.156
12/26/12 17:40	38.489	38.392	34.202	6/26/13 22:00	38.128	21.634	35.165	36.292		30.315	37.138
12/26/12 18:00	38.491	38.396	34.006	6/26/13 23:00	38.139	21.648	35.195	36.299		30.345	37.156
12/26/12 18:20	38.468	38.371	33.801	6/27/13 0:00	38.135	21.652	35.074	36.309		30.333	37.131
12/26/12 18:40	38.456	38.359	33.832	6/27/13 1:00	38.130	21.662	34.914	36.304		30.230	37.000
12/26/12 19:00	38.442	38.345	33.750	6/27/13 2:00	38.121	21.655	34.839	36.295		30.172	36.920
12/26/12 19:20	38.475	38.371	33.865	6/27/13 3:00	38.121	21.645	34.825	36.288		30.135	36.880
12/26/12 19:40	38.472	38.371	33.682	6/27/13 4:00	38.121	21.652	34.769	36.288		30.116	36.852
12/26/12 20:00	38.456	38.352	33.637	6/27/13 5:00	38.118	21.655	34.744	36.285		30.092	36.824
12/26/12 20:20	38.456	38.352	33.792	6/27/13 6:00	38.125	21.657	34.716	36.283		30.074	36.803
12/26/12 20:40	38.465	38.364	33.811	6/27/13 7:00	38.123	21.659	34.832	36.288		30.078	36.817
12/26/12 21:00	38.514	38.415	34.078	6/27/13 8:00	38.128	21.659	34.764	36.285		30.109	36.852
12/26/12 21:20	38.545	38.443	34.198	6/27/13 9:00	38.142	21.669	34.732	36.288		30.074	36.820
12/26/12 21:40	38.561	38.466	34.059	6/27/13 10:00	38.149	21.673	34.737	36.297		30.085	36.822

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/26/12 22:00	38.582	38.485	34.210	6/27/13 11:00	38.132	21.683	34.911	36.306		30.074	36.827
12/26/12 22:20	38.603	38.506	34.343	6/27/13 12:00	38.114	21.669	34.818	36.292		30.153	36.908
12/26/12 22:40	38.603	38.511	34.144	6/27/13 13:00	38.097	21.652	34.757	36.276		30.106	36.869
12/26/12 23:00	38.617	38.527	34.317	6/27/13 14:00	38.072	21.645	34.713	36.260		30.057	36.824
12/26/12 23:20	38.619	38.525	34.369	6/27/13 15:00	38.049	21.617	34.685	36.236		30.034	36.803
12/26/12 23:40	38.624	38.534	34.174	6/27/13 16:00	37.969	21.592	34.650	36.220		30.001	36.778
12/27/12 0:00	38.638	38.546	34.306	6/27/13 17:00	38.074	21.575	34.618	36.152		29.936	36.740
12/27/12 0:20	38.636	38.544	34.385	6/27/13 18:00	38.151	21.631	34.767	36.269		30.008	36.852
12/27/12 0:40	38.631	38.541	34.191	6/27/13 19:00	38.100	21.697	34.746	36.325		30.069	36.876
12/27/12 1:00	38.631	38.539	34.299	6/27/13 20:00	38.153	21.650	34.706	36.276		30.032	36.834
12/27/12 1:20	38.635	38.546	34.362	6/27/13 21:00	38.186	21.699	34.730	36.320		30.060	36.848
12/27/12 1:40	38.624	38.534	34.278	6/27/13 22:00	38.233	21.732	34.844	36.344		30.090	36.864
12/27/12 2:00	38.619	38.532	34.242	6/27/13 23:00	38.258	21.776	34.830	36.390		30.163	36.932
12/27/12 2:20	38.621	38.532	34.357	6/28/13 0:00	38.242	21.792	34.811	36.404		30.163	36.911
12/27/12 2:40	38.617	38.530	34.299	6/28/13 1:00	38.209	21.776	34.788	36.386		30.149	36.892
12/27/12 3:00	38.612	38.527	34.247	6/28/13 2:00	38.200	21.753	34.788	36.358		30.144	36.897
12/27/12 3:20	38.610	38.520	34.376	6/28/13 3:00	38.184	21.752	34.809	36.351		30.123	36.892
12/27/12 3:40	38.601	38.513	34.179	6/28/13 4:00	38.172	21.750	34.767	36.334		30.116	36.880
12/27/12 4:00	38.607	38.518	34.325	6/28/13 5:00	38.179	21.748	34.748	36.323		30.099	36.864
12/27/12 4:20	38.596	38.506	34.247	6/28/13 6:00	38.193	21.767	34.750	36.330		30.099	36.859
12/27/12 4:40	38.598	38.509	34.240	6/28/13 7:00	38.200	21.778	34.753	36.341		30.106	36.857
12/27/12 5:00	38.589	38.502	34.360	6/28/13 8:00	38.202	21.790	34.757	36.348		30.111	36.859
12/27/12 5:20	38.580	38.495	34.165	6/28/13 9:00	38.193	21.790	34.774	36.346		30.135	36.873
12/27/12 5:40	38.582	38.492	34.310	6/28/13 10:00	38.174	21.787	34.753	36.339		30.118	36.864
12/27/12 6:00	38.577	38.487	34.191	6/28/13 11:00	38.163	21.781	34.969	36.330		30.167	36.953
12/27/12 6:20	38.580	38.492	34.249	6/28/13 12:00	38.163	21.771	34.874	36.337		30.177	37.011
12/27/12 6:40	38.568	38.478	34.313	6/28/13 13:00	38.144	21.774	34.879	36.348		30.177	37.039
12/27/12 7:00	38.568	38.480	34.179	6/28/13 14:00	38.116	21.750	34.865	36.334		30.172	37.039
12/27/12 7:20	38.563	38.474	34.334	6/28/13 15:00	38.093	21.741	34.874	36.318		30.165	37.060
12/27/12 7:40	38.559	38.473	34.142	6/28/13 16:00	38.072	21.718	35.046	36.304		30.240	37.163
12/27/12 8:00	38.551	38.464	34.289	6/28/13 17:00	38.069	21.704	34.958	36.302		30.214	37.180
12/27/12 8:20	38.542	38.457	34.179	6/28/13 18:00	38.067	21.718	34.983	36.304		30.240	37.194
12/27/12 8:40	38.540	38.455	34.233	6/28/13 19:00	38.060	21.706	34.946	36.304		30.209	37.161
12/27/12 9:00	38.544	38.455	34.360	6/28/13 20:00	38.065	21.708	34.965	36.299		30.209	37.152

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/27/12 9:20	38.538	38.455	34.177	6/28/13 21:00	38.079	21.715	34.909	36.297		30.193	37.103
12/27/12 9:40	38.528	38.443	34.322	6/28/13 22:00	38.088	21.725	34.979	36.290		30.258	37.112
12/27/12 10:00	38.526	38.441	34.142	6/28/13 23:00	38.102	21.734	34.902	36.292		30.191	37.014
12/27/12 10:20	38.528	38.441	34.273	6/29/13 0:00	38.097	21.736	34.832	36.295		30.170	36.948
12/27/12 10:40	38.519	38.434	34.207	6/29/13 1:00	38.114	21.732	34.797	36.288		30.135	36.906
12/27/12 11:00	38.528	38.443	34.231	6/29/13 2:00	38.132	21.750	34.785	36.297		30.130	36.887
12/27/12 11:20	38.523	38.439	34.310	6/29/13 3:00	38.130	21.760	34.783	36.309		30.130	36.878
12/27/12 11:40	38.531	38.448	34.167	6/29/13 4:00	38.130	21.750	34.767	36.306		30.121	36.871
12/27/12 12:00	38.533	38.448	34.294	6/29/13 5:00	38.130	21.753	34.757	36.304		30.111	36.866
12/27/12 12:20	38.528	38.443	34.303	6/29/13 6:00	38.135	21.764	34.783	36.302		30.121	36.880
12/27/12 12:40	38.526	38.443	34.221	6/29/13 7:00	38.135	21.762	34.762	36.306		30.114	36.871
12/27/12 13:00	38.521	38.431	34.327	6/29/13 8:00	38.137	21.759	34.753	36.304		30.104	36.864
12/27/12 13:20	38.512	38.429	34.172	6/29/13 9:00	38.146	21.769	34.748	36.304		30.097	36.862
12/27/12 13:40	38.505	38.417	34.303	6/29/13 10:00	38.135	21.776	34.753	36.311		30.099	36.862
12/27/12 14:00	38.503	38.417	34.191	6/29/13 11:00	38.118	21.762	34.781	36.316		30.102	36.906
12/27/12 14:20	38.500	38.413	34.264	6/29/13 12:00	38.107	21.752	34.897	36.313		30.111	36.976
12/27/12 14:40	38.496	38.408	34.186	6/29/13 13:00	38.095	21.739	35.032	36.313		30.240	37.147
12/27/12 15:00	38.496	38.408	34.217	6/29/13 14:00	38.081	21.743	34.944	36.311		30.207	37.138
12/27/12 15:20	38.496	38.410	34.322	6/29/13 15:00	38.079	21.729	34.937	36.313		30.193	37.147
12/27/12 15:40	38.521	38.431	34.498	6/29/13 16:00	38.067	21.715	34.937	36.316		30.193	37.154
12/27/12 16:00	38.540	38.457	34.383	6/29/13 17:00	38.058	21.704	34.935	36.313		30.191	37.159
12/27/12 16:20	38.582	38.492	34.897	6/29/13 18:00	38.053	21.699	34.932	36.306		30.186	37.154
12/27/12 16:40	38.710	38.639	35.192	6/29/13 19:00	38.056	21.699	34.932	36.309		30.184	37.152
12/27/12 17:00	38.740	38.665	35.267	6/29/13 20:00	38.070	21.706	34.951	36.313		30.191	37.166
12/27/12 17:20	38.780	38.717	34.984	6/29/13 21:00	38.081	21.706	35.282	36.323		30.303	37.294
12/27/12 17:40	38.752	38.679	35.000	6/29/13 22:00	38.107	21.725	35.051	36.318		30.312	37.259
12/27/12 18:00	38.715	38.644	34.578	6/29/13 23:00	38.128	21.741	35.011	36.327		30.277	37.159
12/27/12 18:20	38.701	38.630	34.533	6/30/13 0:00	38.144	21.762	34.935	36.337		30.247	37.065
12/27/12 18:40	38.803	38.728	35.422	6/30/13 1:00	38.149	21.764	34.888	36.341		30.223	36.993
12/27/12 19:00	38.838	38.777	35.028	6/30/13 2:00	38.149	21.773	34.853	36.341		30.198	36.946
12/27/12 19:20	38.778	38.705	34.826	6/30/13 3:00	38.144	21.764	34.823	36.334		30.177	36.913
12/27/12 19:40	38.731	38.658	34.550	6/30/13 4:00	38.144	21.769	34.825	36.330		30.179	36.913
12/27/12 20:00	38.694	38.616	34.393	6/30/13 5:00	38.146	21.769	34.811	36.327		30.156	36.892
12/27/12 20:20	38.670	38.590	34.496	6/30/13 6:00	38.165	21.769	34.797	36.330		30.149	36.892

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/27/12 20:40	38.654	38.574	34.482	6/30/13 7:00	38.184	21.797	34.811	36.346		30.151	36.899
12/27/12 21:00	38.640	38.558	34.357	6/30/13 8:00	38.200	21.815	34.907	36.355		30.193	36.930
12/27/12 21:20	38.622	38.541	34.266	6/30/13 9:00	38.205	21.829	34.886	36.367		30.226	36.960
12/27/12 21:40	38.617	38.532	34.369	6/30/13 10:00	38.198	21.827	34.879	36.372		30.216	36.972
12/27/12 22:00	38.612	38.527	34.425	6/30/13 11:00	38.172	21.820	34.874	36.367		30.214	36.986
12/27/12 22:20	38.608	38.523	34.322	6/30/13 12:00	38.158	21.801	34.860	36.346		30.191	36.969
12/27/12 22:40	38.603	38.520	34.238	6/30/13 13:00	38.142	21.802	34.879	36.353		30.188	37.007
12/27/12 23:00	38.596	38.509	34.294	6/30/13 14:00	38.128	21.783	34.874	36.341		30.193	37.021
12/27/12 23:20	38.598	38.511	34.414	6/30/13 15:00	38.128	21.773	35.028	36.337		30.289	37.131
12/27/12 23:40	38.600	38.518	34.275	6/30/13 16:00	38.128	21.778	35.032	36.348		30.305	37.189
12/28/12 0:00	38.594	38.509	34.212	6/30/13 17:00	38.118	21.783	34.995	36.353		30.275	37.166
12/28/12 0:20	38.598	38.509	34.425	6/30/13 18:00	38.118	21.778	34.972	36.346		30.256	37.140
12/28/12 0:40	38.598	38.513	34.320	6/30/13 19:00	38.116	21.774	34.974	36.346		30.261	37.142
12/28/12 1:00	38.596	38.511	34.228	6/30/13 20:00	38.132	21.783	34.974	36.348		30.256	37.140
12/28/12 1:20	38.594	38.506	34.280	6/30/13 21:00	38.149	21.790	35.093	36.365		30.286	37.170
12/28/12 1:40	38.596	38.506	34.400	6/30/13 22:00	38.172	21.806	35.093	36.358		30.322	37.154
12/28/12 2:00	38.591	38.504	34.294	6/30/13 23:00	38.195	21.829	35.009	36.367		30.298	37.082
12/28/12 2:20	38.589	38.504	34.212	7/1/13 0:00	38.198	21.843	34.939	36.381		30.284	37.021
12/28/12 2:40	38.589	38.499	34.327	7/1/13 1:00	38.207	21.848	34.904	36.376		30.261	36.979
12/28/12 3:00	38.591	38.502	34.381	7/1/13 2:00	38.207	21.862	34.939	36.383		30.251	36.972
12/28/12 3:20	38.587	38.502	34.273	7/1/13 3:00	38.195	21.857	34.890	36.376		30.254	36.960
12/28/12 3:40	38.587	38.502	34.195	7/1/13 4:00	38.193	21.848	34.867	36.367		30.235	36.941
12/28/12 4:00	38.589	38.497	34.376	7/1/13 5:00	38.198	21.857	34.858	36.360		30.223	36.934
12/28/12 4:20	38.589	38.502	34.357	7/1/13 6:00	38.212	21.864	34.855	36.365		30.221	36.930
12/28/12 4:40	38.586	38.502	34.254	7/1/13 7:00	38.214	21.878	34.858	36.374		30.226	36.932
12/28/12 5:00	38.584	38.497	34.207	7/1/13 8:00	38.221	21.892	34.935	36.374		30.228	36.955
12/28/12 5:20	38.584	38.495	34.404	7/1/13 9:00	38.228	21.902	34.930	36.381		30.251	36.967
12/28/12 5:40	38.584	38.497	34.320	7/1/13 10:00	38.216	21.902	34.890	36.402		30.256	36.967
12/28/12 6:00	38.584	38.495	34.228	7/1/13 11:00	38.205	21.895	34.874	36.435		30.242	36.955
12/28/12 6:20	38.580	38.492	34.238	7/1/13 12:00	38.186	21.890	34.869	36.367		30.230	36.955
12/28/12 6:40	38.582	38.492	34.397	7/1/13 13:00	38.163	21.881	34.879	36.416		30.226	36.979
12/28/12 7:00	38.584	38.497	34.317	7/1/13 14:00	38.153	21.864	34.976	36.341		30.237	37.025
12/28/12 7:20	38.591	38.504	34.238	7/1/13 15:00	38.139	21.860	35.151	36.341		30.315	37.133
12/28/12 7:40	38.596	38.511	34.193	7/1/13 16:00	38.121	21.846	35.002	36.332		30.315	37.126

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/28/12 8:00	38.598	38.509	34.369	7/1/13 17:00	38.107	21.836	34.937	36.320		30.261	37.070
12/28/12 8:20	38.605	38.511	34.381	7/1/13 18:00	38.104	21.825	34.900	36.306		30.230	37.025
12/28/12 8:40	38.605	38.518	34.299	7/1/13 19:00	38.100	21.827	34.879	36.302		30.212	36.997
12/28/12 9:00	38.608	38.520	34.221	7/1/13 20:00	38.114	21.822	34.886	36.297		30.221	37.002
12/28/12 9:20	38.615	38.525	34.432	7/1/13 21:00	38.123	21.843	35.070	36.311		30.235	37.021
12/28/12 9:40	38.614	38.527	34.357	7/1/13 22:00	38.135	21.848	34.921	36.306		30.263	37.023
12/28/12 10:00	38.614	38.527	34.282	7/1/13 23:00	38.151	21.857	34.876	36.316		30.226	36.967
12/28/12 10:20	38.615	38.527	34.233	7/2/13 0:00	38.156	21.871	34.855	36.325		30.212	36.934
12/28/12 10:40	38.619	38.530	34.233	7/2/13 1:00	38.153	21.874	34.837	36.325		30.200	36.918
12/28/12 11:00	38.621	38.532	34.411	7/2/13 2:00	38.151	21.864	34.823	36.320		30.188	36.904
12/28/12 11:20	38.631	38.539	34.432	7/2/13 3:00	38.139	21.857	34.830	36.318		30.193	36.911
12/28/12 11:40	38.682	38.595	34.651	7/2/13 4:00	38.137	21.850	34.827	36.309		30.186	36.913
12/28/12 12:00	38.694	38.614	34.369	7/2/13 5:00	38.144	21.853	34.806	36.304		30.165	36.897
12/28/12 12:20	38.631	38.546	34.113	7/2/13 6:00	38.153	21.857	34.799	36.309		30.158	36.887
12/28/12 12:40	38.587	38.497	34.006	7/2/13 7:00	38.165	21.874	34.853	36.316		30.158	36.890
12/28/12 13:00	38.554	38.459	33.935	7/2/13 8:00	38.165	21.876	34.890	36.325		30.214	36.953
12/28/12 13:20	38.526	38.432	33.884	7/2/13 9:00	38.160	21.878	34.837	36.323		30.195	36.932
12/28/12 13:40	38.664	38.569	35.056	7/2/13 10:00	38.151	21.871	34.883	36.346		30.202	36.946
12/28/12 14:00	38.831	38.754	35.537	7/2/13 11:00	38.139	21.862	34.844	36.311		30.200	36.941
12/28/12 14:20	38.866	38.798	35.157	7/2/13 12:00	38.135	21.853	34.818	36.302		30.170	36.915
12/28/12 14:40	38.855	38.784	34.991	7/2/13 13:00	38.123	21.850	34.953	36.297		30.158	36.918
12/28/12 15:00	38.852	38.780	35.089	7/2/13 14:00	38.102	21.841	35.128	36.292		30.343	37.117
12/28/12 15:20	38.766	38.693	34.423	7/2/13 15:00	38.088	21.822	35.291	36.276		30.375	37.194
12/28/12 15:40	38.750	38.665	34.761	7/2/13 16:00	38.074	21.808	35.053	36.264		30.368	37.152
12/28/12 16:00	38.838	38.763	35.127	7/2/13 17:00	38.058	21.797	34.918	36.255		30.249	37.021
12/28/12 16:20	38.862	38.787	35.228	7/2/13 18:00	38.051	21.783	34.997	36.241		30.212	36.981
12/28/12 16:40	38.894	38.824	35.192	7/2/13 19:00	38.051	21.771	34.869	36.232		30.209	36.962
12/28/12 17:00	38.885	38.815	35.195	7/2/13 20:00	38.063	21.778	34.809	36.232		30.153	36.899
12/28/12 17:20	38.887	38.817	35.176	7/2/13 21:00	38.072	21.788	34.783	36.239		30.130	36.864
12/28/12 17:40	38.869	38.801	34.751	7/2/13 22:00	38.084	21.785	34.890	36.243		30.146	36.880
12/28/12 18:00	38.775	38.698	34.383	7/2/13 23:00	38.102	21.804	34.818	36.255		30.165	36.894
12/28/12 18:20	38.745	38.665	34.463	7/3/13 0:00	38.107	21.809	34.778	36.269		30.135	36.859
12/28/12 18:40	38.692	38.609	34.205	7/3/13 1:00	38.107	21.804	34.760	36.271		30.116	36.841
12/28/12 19:00	38.675	38.588	34.228	7/3/13 2:00	38.104	21.809	34.802	36.269		30.099	36.827

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/28/12 19:20	38.694	38.609	34.381	7/3/13 3:00	38.095	21.795	34.741	36.267		30.102	36.829
12/28/12 19:40	38.652	38.562	34.137	7/3/13 4:00	38.088	21.778	34.713	36.257		30.078	36.810
12/28/12 20:00	38.624	38.532	34.057	7/3/13 5:00	38.081	21.769	34.697	36.250		30.062	36.796
12/28/12 20:20	38.598	38.506	34.008	7/3/13 6:00	38.123	21.766	34.690	36.243		30.048	36.789
12/28/12 20:40	38.598	38.509	34.059	7/3/13 7:00	38.107	21.804	34.750	36.283		30.071	36.820
12/28/12 21:00	38.575	38.483	33.977	7/3/13 8:00	38.163	21.788	34.802	36.271		30.137	36.894
12/28/12 21:20	38.556	38.462	33.942	7/3/13 9:00	38.132	21.829	34.839	36.337		30.153	36.941
12/28/12 21:40	38.549	38.450	33.916	7/3/13 10:00	38.111	21.802	34.795	36.299		30.132	36.934
12/28/12 22:00	38.542	38.443	34.043	7/3/13 11:00	38.093	21.773	34.774	36.285		30.107	36.908
12/28/12 22:20	38.542	38.448	33.940	7/3/13 12:00	38.086	21.766	34.760	36.269		30.095	36.904
12/28/12 22:40	38.533	38.436	33.898	7/3/13 13:00	38.067	21.755	34.918	36.257		30.114	36.927
12/28/12 23:00	38.523	38.427	33.879	7/3/13 14:00	38.053	21.746	34.823	36.241		30.135	36.925
12/28/12 23:20	38.514	38.417	33.860	7/3/13 15:00	38.037	21.729	34.748	36.227		30.088	36.871
12/28/12 23:40	38.505	38.408	33.848	7/3/13 16:00	38.028	21.711	34.757	36.220		30.064	36.878
12/29/12 0:00	38.505	38.406	33.839	7/3/13 17:00	38.014	21.699	34.846	36.211		30.067	36.918
12/29/12 0:20	38.500	38.403	33.832	7/3/13 18:00	38.004	21.685	34.890	36.199		30.146	37.011
12/29/12 0:40	38.498	38.399	33.827	7/3/13 19:00	38.000	21.671	34.762	36.192		30.081	36.923
12/29/12 1:00	38.493	38.392	33.820	7/3/13 20:00	38.011	21.678	34.713	36.187		30.032	36.857
12/29/12 1:20	38.493	38.389	33.813	7/3/13 21:00	38.025	21.678	34.921	36.194		30.055	36.878
12/29/12 1:40	38.491	38.392	33.808	7/3/13 22:00	38.051	21.687	34.760	36.206		30.085	36.880
12/29/12 2:00	38.486	38.385	33.804	7/3/13 23:00	38.072	21.704	34.716	36.225		30.048	36.827
12/29/12 2:20	38.503	38.403	33.860	7/4/13 0:00	38.077	21.711	34.697	36.239		30.041	36.801
12/29/12 2:40	38.496	38.396	33.823	7/4/13 1:00	38.084	21.708	34.692	36.243		30.039	36.799
12/29/12 3:00	38.486	38.385	33.804	7/4/13 2:00	38.086	21.713	34.678	36.248		30.027	36.787
12/29/12 3:20	38.482	38.382	33.794	7/4/13 3:00	38.077	21.701	34.662	36.248		30.013	36.773
12/29/12 3:40	38.479	38.380	33.790	7/4/13 4:00	38.081	21.699	34.646	36.241		29.997	36.756
12/29/12 4:00	38.482	38.380	33.790	7/4/13 5:00	38.081	21.694	34.641	36.246		29.992	36.752
12/29/12 4:20	38.479	38.380	33.787	7/4/13 6:00	38.093	21.701	34.641	36.248		29.985	36.749
12/29/12 4:40	38.479	38.378	33.785	7/4/13 7:00	38.090	21.706	34.641	36.255		29.990	36.756
12/29/12 5:00	38.477	38.378	33.785	7/4/13 8:00	38.109	21.699	34.783	36.255		30.032	36.820
12/29/12 5:20	38.472	38.373	33.776	7/4/13 9:00	38.109	21.713	34.741	36.269		30.034	36.824
12/29/12 5:40	38.472	38.371	33.771	7/4/13 10:00	38.102	21.708	34.718	36.278		30.034	36.834
12/29/12 6:00	38.465	38.366	33.766	7/4/13 11:00	38.104	21.699	34.783	36.283		30.039	36.890
12/29/12 6:20	38.463	38.361	33.759	7/4/13 12:00	38.090	21.694	34.767	36.295		30.062	36.941

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/29/12 6:40	38.468	38.366	33.759	7/4/13 13:00	38.072	21.687	34.832	36.276		30.055	36.934
12/29/12 7:00	38.463	38.359	33.755	7/4/13 14:00	38.056	21.673	34.867	36.271		30.132	37.016
12/29/12 7:20	38.463	38.361	33.752	7/4/13 15:00	38.037	21.645	34.841	36.253		30.111	36.988
12/29/12 7:40	38.470	38.366	33.757	7/4/13 16:00	38.025	21.634	34.806	36.236		30.055	36.918
12/29/12 8:00	38.475	38.371	33.759	7/4/13 17:00	38.018	21.629	34.795	36.227		30.036	36.890
12/29/12 8:20	38.479	38.378	33.764	7/4/13 18:00	38.011	21.627	34.718	36.218		30.034	36.864
12/29/12 8:40	38.484	38.380	33.764	7/4/13 19:00	38.014	21.615	34.767	36.213		29.994	36.827
12/29/12 9:00	38.489	38.382	33.905	7/4/13 20:00	38.021	21.620	34.685	36.211		29.999	36.829
12/29/12 9:20	38.503	38.401	33.813	7/4/13 21:00	38.025	21.615	34.657	36.215		29.980	36.803
12/29/12 9:40	38.505	38.399	33.792	7/4/13 22:00	38.053	21.622	34.681	36.213		30.006	36.813
12/29/12 10:00	38.512	38.410	33.792	7/4/13 23:00	38.072	21.643	34.648	36.234		29.980	36.766
12/29/12 10:20	38.512	38.408	33.790	7/5/13 0:00	38.086	21.657	34.643	36.250		29.976	36.754
12/29/12 10:40	38.517	38.413	33.794	7/5/13 1:00	38.081	21.652	34.632	36.257		29.976	36.749
12/29/12 11:00	38.521	38.417	33.797	7/5/13 2:00	38.070	21.650	34.678	36.250		29.962	36.733
12/29/12 11:20	38.521	38.417	33.794	7/5/13 3:00	38.077	21.636	34.704	36.248		29.983	36.789
12/29/12 11:40	38.524	38.420	33.792	7/5/13 4:00	38.067	21.645	34.674	36.257		29.987	36.806
12/29/12 12:00	38.524	38.420	33.792	7/5/13 5:00	38.074	21.629	34.662	36.253		29.976	36.803
12/29/12 12:20	38.617	38.516	34.301	7/5/13 6:00	38.072	21.636	34.650	36.257		29.973	36.792
12/29/12 12:40	38.678	38.581	34.529	7/5/13 7:00	38.070	21.636	34.625	36.250		29.959	36.763
12/29/12 13:00	38.740	38.651	34.648	7/5/13 8:00	38.088	21.634	34.702	36.243		29.992	36.796
12/29/12 13:20	38.803	38.712	34.951	7/5/13 9:00	38.084	21.638	34.648	36.262		29.980	36.775
12/29/12 13:40	38.831	38.747	34.780	7/5/13 10:00	38.084	21.636	34.692	36.267		29.976	36.808
12/29/12 14:00	38.890	38.805	35.171	7/5/13 11:00	38.079	21.634	34.681	36.269		29.987	36.834
12/29/12 14:20	38.890	38.810	34.836	7/5/13 12:00	38.070	21.629	34.769	36.267		30.062	36.911
12/29/12 14:40	38.873	38.794	34.761	7/5/13 13:00	38.053	21.622	34.841	36.260		30.074	36.932
12/29/12 15:00	38.796	38.710	34.308	7/5/13 14:00	38.044	21.603	34.804	36.250		30.025	36.901
12/29/12 15:20	38.778	38.691	34.463	7/5/13 15:00	38.035	21.601	34.907	36.253		30.121	37.032
12/29/12 15:40	38.729	38.639	34.158	7/5/13 16:00	38.032	21.596	34.897	36.246		30.109	37.007
12/29/12 16:00	38.715	38.625	34.181	7/5/13 17:00	38.023	21.594	34.855	36.248		30.078	36.969
12/29/12 16:20	38.671	38.579	34.057	7/5/13 18:00	38.016	21.587	34.788	36.239		30.067	36.948
12/29/12 16:40	38.649	38.553	34.254	7/5/13 19:00	38.009	21.571	34.809	36.236		30.025	36.915
12/29/12 17:00	38.635	38.539	34.085	7/5/13 20:00	38.030	21.573	34.750	36.234		30.020	36.920
12/29/12 17:20	38.682	38.586	34.388	7/5/13 21:00	38.042	21.587	34.783	36.246		30.074	36.946
12/29/12 17:40	38.738	38.642	34.411	7/5/13 22:00	38.060	21.599	34.711	36.246		30.022	36.859

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/29/12 18:00	38.743	38.653	34.294	7/5/13 23:00	38.077	21.608	34.697	36.253		30.020	36.813
12/29/12 18:20	38.722	38.630	34.360	7/6/13 0:00	38.077	21.613	34.734	36.271		30.015	36.817
12/29/12 18:40	38.678	38.586	34.078	7/6/13 1:00	38.081	21.617	34.723	36.283		30.020	36.852
12/29/12 19:00	38.640	38.546	33.998	7/6/13 2:00	38.086	21.615	34.806	36.288		30.074	36.925
12/29/12 19:20	38.615	38.518	33.952	7/6/13 3:00	38.090	21.627	34.757	36.292		30.053	36.908
12/29/12 19:40	38.619	38.525	34.003	7/6/13 4:00	38.084	21.627	34.737	36.295		30.039	36.883
12/29/12 20:00	38.598	38.502	33.942	7/6/13 5:00	38.107	21.620	34.732	36.295		30.032	36.883
12/29/12 20:20	38.577	38.480	33.912	7/6/13 6:00	38.093	21.636	34.702	36.299		30.034	36.841
12/29/12 20:40	38.570	38.469	33.888	7/6/13 7:00	38.088	21.615	34.734	36.290		30.011	36.813
12/29/12 21:00	38.554	38.455	33.869	7/6/13 8:00	38.086	21.622	34.699	36.290		30.018	36.841
12/29/12 21:20	38.545	38.446	33.855	7/6/13 9:00	38.088	21.624	34.769	36.274		30.043	36.850
12/29/12 21:40	38.535	38.436	33.844	7/6/13 10:00	38.079	21.620	34.681	36.271		30.015	36.796
12/29/12 22:00	38.523	38.422	33.827	7/6/13 11:00	38.060	21.610	34.636	36.260		29.983	36.752
12/29/12 22:20	38.517	38.415	33.816	7/6/13 12:00	38.067	21.596	34.660	36.241		29.952	36.731
12/29/12 22:40	38.514	38.413	33.811	7/6/13 13:00	38.077	21.615	34.627	36.248		29.959	36.735
12/29/12 23:00	38.510	38.410	33.804	7/6/13 14:00	38.053	21.606	34.783	36.250		29.966	36.738
12/29/12 23:20	38.503	38.401	33.794	7/6/13 15:00	38.046	21.589	34.660	36.229		30.001	36.778
12/29/12 23:40	38.503	38.401	33.790	7/6/13 16:00	38.046	21.585	34.653	36.222		29.978	36.752
12/30/12 0:00	38.500	38.399	33.790	7/6/13 17:00	38.039	21.585	34.618	36.222		29.959	36.721
12/30/12 0:20	38.516	38.417	33.865	7/6/13 18:00	38.032	21.571	34.632	36.213		29.945	36.719
12/30/12 0:40	38.503	38.403	33.813	7/6/13 19:00	38.025	21.561	34.622	36.201		29.934	36.714
12/30/12 1:00	38.500	38.399	33.794	7/6/13 20:00	38.039	21.564	34.646	36.199		29.936	36.707
12/30/12 1:20	38.489	38.387	33.780	7/6/13 21:00	38.056	21.578	34.583	36.206		29.917	36.684
12/30/12 1:40	38.477	38.375	33.764	7/6/13 22:00	38.088	21.589	34.629	36.225		29.938	36.710
12/30/12 2:00	38.468	38.366	33.745	7/6/13 23:00	38.121	21.622	34.608	36.253		29.943	36.710
12/30/12 2:20	38.456	38.357	33.733	7/7/13 0:00	38.121	21.636	34.613	36.276		29.957	36.712
12/30/12 2:40	38.449	38.350	33.724	7/7/13 1:00	38.123	21.634	34.604	36.274		29.952	36.714
12/30/12 3:00	38.447	38.343	33.717	7/7/13 2:00	38.135	21.638	34.629	36.276		29.966	36.728
12/30/12 3:20	38.442	38.340	33.712	7/7/13 3:00	38.146	21.664	34.648	36.285		29.987	36.747
12/30/12 3:40	38.435	38.333	33.708	7/7/13 4:00	38.135	21.664	34.629	36.295		29.980	36.731
12/30/12 4:00	38.433	38.329	33.705	7/7/13 5:00	38.132	21.648	34.611	36.283		29.966	36.717
12/30/12 4:20	38.421	38.322	33.696	7/7/13 6:00	38.128	21.643	34.606	36.283		29.959	36.710
12/30/12 4:40	38.416	38.312	33.684	7/7/13 7:00	38.146	21.650	34.606	36.276		29.952	36.710
12/30/12 5:00	38.402	38.301	33.670	7/7/13 8:00	38.160	21.671	34.769	36.290		30.013	36.775

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/30/12 5:20	38.395	38.296	33.663	7/7/13 9:00	38.149	21.678	34.699	36.302		30.043	36.796
12/30/12 5:40	38.391	38.289	33.654	7/7/13 10:00	38.146	21.671	34.830	36.292		30.025	36.817
12/30/12 6:00	38.381	38.280	33.642	7/7/13 11:00	38.132	21.673	34.718	36.295		30.060	36.831
12/30/12 6:20	38.377	38.272	33.633	7/7/13 12:00	38.125	21.666	34.748	36.281		30.041	36.815
12/30/12 6:40	38.372	38.270	33.628	7/7/13 13:00	38.114	21.657	34.681	36.274		30.025	36.794
12/30/12 7:00	38.365	38.263	33.621	7/7/13 14:00	38.104	21.657	34.948	36.262		30.081	36.869
12/30/12 7:20	38.358	38.259	33.616	7/7/13 15:00	38.093	21.652	35.102	36.260		30.207	37.030
12/30/12 7:40	38.363	38.258	33.609	7/7/13 16:00	38.079	21.634	35.142	36.250		30.254	37.084
12/30/12 8:00	38.358	38.256	33.602	7/7/13 17:00	38.065	21.624	35.165	36.243		30.284	37.128
12/30/12 8:20	38.358	38.256	33.602	7/7/13 18:00	38.051	21.613	35.198	36.239		30.303	37.168
12/30/12 8:40	38.358	38.254	33.597	7/7/13 19:00	38.072	21.606	35.202	36.229		30.317	37.177
12/30/12 9:00	38.351	38.247	33.593	7/7/13 20:00	38.090	21.638	35.244	36.243		30.338	37.177
12/30/12 9:20	38.358	38.254	33.808	7/7/13 21:00	38.088	21.643	35.268	36.262		30.401	37.208
12/30/12 9:40	38.353	38.251	33.621	7/7/13 22:00	38.114	21.631	35.279	36.257		30.415	37.210
12/30/12 10:00	38.351	38.249	33.597	7/7/13 23:00	38.139	21.666	35.305	36.281		30.424	37.203
12/30/12 10:20	38.356	38.247	33.771	7/8/13 0:00	38.170	21.680	35.319	36.304		30.450	37.213
12/30/12 10:40	38.440	38.338	34.242	7/8/13 1:00	38.195	21.706	35.335	36.332		30.476	37.227
12/30/12 11:00	38.472	38.382	34.010	7/8/13 2:00	38.200	21.732	35.412	36.355		30.520	37.250
12/30/12 11:20	38.449	38.357	33.851	7/8/13 3:00	38.205	21.729	35.382	36.355		30.537	37.250
12/30/12 11:40	38.421	38.319	33.736	7/8/13 4:00	38.198	21.734	35.370	36.360		30.541	37.241
12/30/12 12:00	38.409	38.310	33.691	7/8/13 5:00	38.188	21.736	35.372	36.353		30.541	37.231
12/30/12 12:20	38.388	38.286	33.658	7/8/13 6:00	38.174	21.736	35.361	36.344		30.537	37.222
12/30/12 12:40	38.407	38.310	33.806	7/8/13 7:00	38.165	21.725	35.358	36.332		30.541	37.222
12/30/12 13:00	38.391	38.291	33.663	7/8/13 8:00	38.167	21.734	35.370	36.325		30.539	37.217
12/30/12 13:20	38.447	38.352	33.989	7/8/13 9:00	38.179	21.736	35.368	36.325		30.544	37.217
12/30/12 13:40	38.456	38.359	34.109	7/8/13 10:00	38.186	21.750	35.328	36.337		30.574	37.229
12/30/12 14:00	38.447	38.357	33.898	7/8/13 11:00	38.165	21.746	35.172	36.341		30.513	37.161
12/30/12 14:20	38.409	38.315	33.729	7/8/13 12:00	38.128	21.727	35.056	36.323		30.417	37.053
12/30/12 14:40	38.416	38.317	33.874	7/8/13 13:00	38.114	21.706	35.179	36.297		30.375	37.046
12/30/12 15:00	38.402	38.308	33.736	7/8/13 14:00	38.088	21.694	35.435	36.288		30.466	37.182
12/30/12 15:20	38.412	38.312	34.001	7/8/13 15:00	38.072	21.678	35.426	36.269		30.569	37.290
12/30/12 15:40	38.405	38.301	34.003	7/8/13 16:00	38.067	21.669	35.445	36.264		30.541	37.292
12/30/12 16:00	38.386	38.291	33.715	7/8/13 17:00	38.060	21.662	35.417	36.267		30.560	37.306
12/30/12 16:20	38.393	38.294	33.898	7/8/13 18:00	38.051	21.659	35.421	36.255		30.551	37.294

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/30/12 16:40	38.393	38.296	33.748	7/8/13 19:00	38.042	21.652	35.452	36.257		30.567	37.311
12/30/12 17:00	38.402	38.308	33.844	7/8/13 20:00	38.042	21.645	35.454	36.246		30.567	37.304
12/30/12 17:20	38.414	38.319	33.867	7/8/13 21:00	38.056	21.645	35.456	36.243		30.572	37.301
12/30/12 17:40	38.391	38.291	33.694	7/8/13 22:00	38.070	21.657	35.491	36.253		30.621	37.325
12/30/12 18:00	38.423	38.324	33.872	7/8/13 23:00	38.095	21.676	35.433	36.262		30.588	37.283
12/30/12 18:20	38.426	38.331	33.780	7/9/13 0:00	38.093	21.687	35.449	36.288		30.597	37.290
12/30/12 18:40	38.419	38.324	33.773	7/9/13 1:00	38.097	21.685	35.440	36.285		30.597	37.290
12/30/12 19:00	38.414	38.319	33.750	7/9/13 2:00	38.109	21.685	35.447	36.299		30.607	37.306
12/30/12 19:20	38.393	38.294	33.675	7/9/13 3:00	38.102	21.699	35.503	36.309		30.637	37.341
12/30/12 19:40	38.374	38.275	33.635	7/9/13 4:00	38.090	21.683	35.512	36.309		30.656	37.362
12/30/12 20:00	38.372	38.270	33.618	7/9/13 5:00	38.095	21.673	35.489	36.299		30.637	37.343
12/30/12 20:20	38.365	38.261	33.607	7/9/13 6:00	38.104	21.690	35.447	36.292		30.616	37.297
12/30/12 20:40	38.363	38.261	33.602	7/9/13 7:00	38.114	21.704	35.461	36.297		30.618	37.271
12/30/12 21:00	38.360	38.258	33.597	7/9/13 8:00	38.104	21.690	35.421	36.302		30.609	37.241
12/30/12 21:20	38.360	38.258	33.600	7/9/13 9:00	38.111	21.680	35.393	36.290		30.595	37.215
12/30/12 21:40	38.363	38.261	33.600	7/9/13 10:00	38.102	21.687	35.533	36.295		30.682	37.304
12/30/12 22:00	38.358	38.256	33.595	7/9/13 11:00	38.102	21.680	35.554	36.288		30.700	37.336
12/30/12 22:20	38.356	38.251	33.586	7/9/13 12:00	38.109	21.676	35.519	36.285		30.654	37.292
12/30/12 22:40	38.358	38.254	33.586	7/9/13 13:00	38.156	21.687	35.480	36.292		30.663	37.287
12/30/12 23:00	38.365	38.258	33.806	7/9/13 14:00	38.095	21.680	35.466	36.339		30.668	37.271
12/30/12 23:20	38.372	38.270	33.630	7/9/13 15:00	38.074	21.678	35.442	36.283		30.623	37.257
12/30/12 23:40	38.372	38.268	33.604	7/9/13 16:00	38.056	21.648	35.398	36.260		30.593	37.213
12/31/12 0:00	38.367	38.265	33.595	7/9/13 17:00	38.039	21.634	35.421	36.248		30.604	37.238
12/31/12 0:20	38.367	38.263	33.590	7/9/13 18:00	38.023	21.629	35.510	36.232		30.574	37.224
12/31/12 0:40	38.367	38.263	33.588	7/9/13 19:00	38.018	21.603	35.389	36.215		30.586	37.220
12/31/12 1:00	38.365	38.261	33.581	7/9/13 20:00	38.042	21.622	35.379	36.211		30.548	37.184
12/31/12 1:20	38.363	38.261	33.581	7/9/13 21:00	38.202	21.669	35.396	36.229		30.560	37.182
12/31/12 1:40	38.365	38.261	33.581	7/9/13 22:00	38.160	21.720	35.447	36.395		30.649	37.222
12/31/12 2:00	38.365	38.261	33.581	7/9/13 23:00	38.205	21.729	35.426	36.339		30.651	37.259
12/31/12 2:20	38.363	38.261	33.579	7/10/13 0:00	38.163	21.748	35.428	36.374		30.670	37.252
12/31/12 2:40	38.358	38.254	33.572	7/10/13 1:00	38.186	21.725	35.412	36.334		30.639	37.227
12/31/12 3:00	38.349	38.247	33.565	7/10/13 2:00	38.214	21.759	35.440	36.353		30.644	37.229
12/31/12 3:20	38.349	38.247	33.560	7/10/13 3:00	38.198	21.771	35.463	36.379		30.679	37.238
12/31/12 3:40	38.346	38.242	33.555	7/10/13 4:00	38.200	21.764	35.414	36.360		30.663	37.229

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/31/12 4:00	38.342	38.237	33.550	7/10/13 5:00	38.198	21.769	35.431	36.362		30.663	37.224
12/31/12 4:20	38.342	38.237	33.550	7/10/13 6:00	38.200	21.773	35.424	36.358		30.661	37.220
12/31/12 4:40	38.339	38.237	33.550	7/10/13 7:00	38.177	21.773	35.419	36.360		30.668	37.222
12/31/12 5:00	38.335	38.230	33.548	7/10/13 8:00	38.184	21.773	35.414	36.341		30.649	37.213
12/31/12 5:20	38.339	38.233	33.546	7/10/13 9:00	38.184	21.766	35.400	36.346		30.656	37.210
12/31/12 5:40	38.335	38.233	33.548	7/10/13 10:00	38.200	21.794	35.470	36.358		30.663	37.264
12/31/12 6:00	38.346	38.244	33.611	7/10/13 11:00	38.191	21.799	35.549	36.379		30.707	37.332
12/31/12 6:20	38.339	38.237	33.567	7/10/13 12:00	38.195	21.797	35.559	36.388		30.738	37.414
12/31/12 6:40	38.330	38.226	33.546	7/10/13 13:00	38.181	21.804	35.696	36.397		30.763	37.474
12/31/12 7:00	38.325	38.221	33.536	7/10/13 14:00	38.170	21.790	35.412	36.386		30.719	37.407
12/31/12 7:20	38.321	38.216	33.529	7/10/13 15:00	38.165	21.785	35.503	36.379		30.644	37.334
12/31/12 7:40	38.323	38.219	33.527	7/10/13 16:00	38.125	21.776	35.340	36.379		30.663	37.332
12/31/12 8:00	38.321	38.216	33.522	7/10/13 17:00	38.111	21.762	35.247	36.344		30.586	37.264
12/31/12 8:20	38.318	38.214	33.522	7/10/13 18:00	38.102	21.746	35.151	36.316		30.525	37.133
12/31/12 8:40	38.314	38.209	33.515	7/10/13 19:00	38.104	21.736	35.098	36.302		30.474	37.058
12/31/12 9:00	38.316	38.212	33.515	7/10/13 20:00	38.095	21.734	35.053	36.297		30.441	37.016
12/31/12 9:20	38.309	38.205	33.510	7/10/13 21:00	38.049	21.729	35.128	36.285		30.485	37.060
12/31/12 9:40	38.302	38.198	33.501	7/10/13 22:00	38.079	21.706	35.009	36.243		30.387	36.981
12/31/12 10:00	38.311	38.205	33.508	7/10/13 23:00	38.118	21.734	34.986	36.269		30.361	36.944
12/31/12 10:20	38.321	38.219	33.520	7/11/13 0:00	38.135	21.766	34.995	36.297		30.382	36.946
12/31/12 10:40	38.314	38.209	33.515	7/11/13 1:00	38.137	21.776	34.974	36.306		30.361	36.932
12/31/12 11:00	38.316	38.209	33.515	7/11/13 2:00	38.135	21.766	34.953	36.311		30.350	36.923
12/31/12 11:20	38.323	38.219	33.522	7/11/13 3:00	38.135	21.762	34.939	36.306		30.333	36.911
12/31/12 11:40	38.330	38.226	33.529	7/11/13 4:00	38.111	21.752	34.981	36.302		30.317	36.904
12/31/12 12:00	38.344	38.240	33.590	7/11/13 5:00	38.111	21.752	34.916	36.283		30.301	36.901
12/31/12 12:20	38.342	38.235	33.553	7/11/13 6:00	38.135	21.755	34.895	36.281		30.282	36.883
12/31/12 12:40	38.335	38.231	33.539	7/11/13 7:00	38.195	21.752	34.888	36.302		30.282	36.871
12/31/12 13:00	38.332	38.228	33.529	7/11/13 8:00	38.188	21.829	34.923	36.351		30.315	36.890
12/31/12 13:20	38.328	38.221	33.518	7/11/13 9:00	38.137	21.760	34.874	36.346		30.305	36.855
12/31/12 13:40	38.325	38.219	33.513	7/11/13 10:00	38.111	21.752	34.860	36.297		30.258	36.859
12/31/12 14:00	38.321	38.216	33.506	7/11/13 11:00	38.118	21.750	35.037	36.276		30.265	36.908
12/31/12 14:20	38.363	38.263	33.736	7/11/13 12:00	38.121	21.752	34.967	36.283		30.301	36.953
12/31/12 14:40	38.356	38.249	33.851	7/11/13 13:00	38.107	21.743	34.960	36.285		30.296	36.937
12/31/12 15:00	38.351	38.249	33.593	7/11/13 14:00	38.081	21.732	34.893	36.271		30.268	36.918

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/31/12 15:20	38.372	38.272	33.675	7/11/13 15:00	38.065	21.718	34.895	36.250		30.268	36.923
12/31/12 15:40	38.395	38.296	33.958	7/11/13 16:00	38.060	21.704	34.865	36.236		30.233	36.901
12/31/12 16:00	38.384	38.284	33.661	7/11/13 17:00	38.044	21.697	34.851	36.232		30.226	36.880
12/31/12 16:20	38.384	38.284	33.682	7/11/13 18:00	38.025	21.683	34.855	36.220		30.181	36.845
12/31/12 16:40	38.370	38.270	33.614	7/11/13 19:00	38.025	21.669	34.785	36.204		30.160	36.824
12/31/12 17:00	38.363	38.258	33.586	7/11/13 20:00	38.032	21.662	34.771	36.201		30.149	36.808
12/31/12 17:20	38.353	38.249	33.569	7/11/13 21:00	38.049	21.669	34.750	36.206		30.125	36.789
12/31/12 17:40	38.349	38.247	33.562	7/11/13 22:00	38.070	21.687	34.748	36.220		30.118	36.778
12/31/12 18:00	38.384	38.279	33.790	7/11/13 23:00	38.084	21.689	34.748	36.234		30.121	36.778
12/31/12 18:20	38.412	38.315	33.776	7/12/13 0:00	38.093	21.701	34.746	36.246		30.123	36.780
12/31/12 18:40	38.395	38.294	33.661	7/12/13 1:00	38.109	21.708	34.746	36.253		30.118	36.785
12/31/12 19:00	38.402	38.303	33.689	7/12/13 2:00	38.100	21.701	34.746	36.264		30.125	36.789
12/31/12 19:20	38.391	38.289	33.635	7/12/13 3:00	38.091	21.692	34.732	36.255		30.114	36.787
12/31/12 19:40	38.384	38.282	33.614	7/12/13 4:00	38.088	21.683	34.725	36.248		30.099	36.782
12/31/12 20:00	38.402	38.301	33.696	7/12/13 5:00	38.086	21.678	34.716	36.243		30.092	36.775
12/31/12 20:20	38.405	38.301	33.895	7/12/13 6:00	38.079	21.678	34.744	36.241		30.083	36.778
12/31/12 20:40	38.423	38.324	33.752	7/12/13 7:00	38.095	21.676	34.709	36.236		30.078	36.770
12/31/12 21:00	38.414	38.310	33.661	7/12/13 8:00	38.102	21.678	34.709	36.250		30.078	36.766
12/31/12 21:20	38.407	38.303	33.637	7/12/13 9:00	38.100	21.685	34.702	36.253		30.076	36.763
12/31/12 21:40	38.421	38.322	33.762	7/12/13 10:00	38.102	21.680	34.699	36.250		30.069	36.761
12/31/12 22:00	38.437	38.336	33.731	7/12/13 11:00	38.090	21.669	34.695	36.253		30.069	36.763
12/31/12 22:20	38.430	38.326	33.675	7/12/13 12:00	38.081	21.664	34.704	36.248		30.074	36.780
12/31/12 22:40	38.444	38.343	33.783	7/12/13 13:00	38.063	21.648	34.688	36.236		30.055	36.768
12/31/12 23:00	38.435	38.333	33.684	7/12/13 14:00	38.049	21.636	34.669	36.222		30.039	36.759
12/31/12 23:20	38.430	38.329	33.665	7/12/13 15:00	38.042	21.622	34.653	36.206		30.020	36.747
12/31/12 23:40	38.430	38.326	33.654	7/12/13 16:00	38.037	21.608	34.648	36.203		30.006	36.740
1/1/13 0:00	38.454	38.350	33.853	7/12/13 17:00	38.035	21.603	34.655	36.199		30.013	36.756
1/1/13 0:20	38.449	38.347	33.693	7/12/13 18:00	38.030	21.599	34.646	36.197		29.997	36.747
1/1/13 0:40	38.447	38.340	33.672	7/12/13 19:00	38.028	21.582	34.622	36.192		29.985	36.728
1/1/13 1:00	38.442	38.338	33.663	7/12/13 20:00	38.039	21.587	34.615	36.187		29.969	36.710
1/1/13 1:20	38.442	38.336	33.658	7/12/13 21:00	38.060	21.596	34.611	36.201		29.964	36.698
1/1/13 1:40	38.435	38.333	33.651	7/12/13 22:00	38.086	21.613	34.627	36.213		29.983	36.712
1/1/13 2:00	38.435	38.329	33.649	7/12/13 23:00	38.109	21.631	34.634	36.236		29.987	36.714
1/1/13 2:20	38.456	38.354	33.748	7/13/13 0:00	38.121	21.631	34.641	36.255		30.001	36.724

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/1/13 2:40	38.451	38.347	33.682	7/13/13 1:00	38.125	21.641	34.648	36.262		30.008	36.735
1/1/13 3:00	38.447	38.343	33.668	7/13/13 2:00	38.123	21.643	34.650	36.267		30.013	36.740
1/1/13 3:20	38.444	38.340	33.661	7/13/13 3:00	38.128	21.638	34.653	36.264		30.013	36.745
1/1/13 3:40	38.447	38.343	33.658	7/13/13 4:00	38.130	21.645	34.655	36.267		30.015	36.752
1/1/13 4:00	38.447	38.343	33.661	7/13/13 5:00	38.125	21.645	34.657	36.271		30.018	36.754
1/1/13 4:20	38.442	38.336	33.656	7/13/13 6:00	38.121	21.643	34.653	36.264		30.011	36.752
1/1/13 4:40	38.437	38.333	33.651	7/13/13 7:00	38.123	21.636	34.650	36.262		30.008	36.749
1/1/13 5:00	38.435	38.333	33.649	7/13/13 8:00	38.114	21.638	34.648	36.264		30.008	36.747
1/1/13 5:20	38.435	38.329	33.642	7/13/13 9:00	38.114	21.624	34.692	36.255		30.004	36.742
1/1/13 5:40	38.426	38.319	33.637	7/13/13 10:00	38.118	21.622	34.646	36.255		30.011	36.752
1/1/13 6:00	38.423	38.317	33.630	7/13/13 11:00	38.107	21.627	34.653	36.260		30.008	36.752
1/1/13 6:20	38.423	38.319	33.630	7/13/13 12:00	38.100	21.615	34.890	36.250		30.027	36.820
1/1/13 6:40	38.426	38.319	33.633	7/13/13 13:00	38.093	21.610	34.867	36.250		30.179	36.972
1/1/13 7:00	38.423	38.317	33.633	7/13/13 14:00	38.070	21.601	34.753	36.241		30.088	36.885
1/1/13 7:20	38.426	38.319	33.635	7/13/13 15:00	38.058	21.582	34.737	36.222		30.043	36.838
1/1/13 7:40	38.430	38.324	33.640	7/13/13 16:00	38.039	21.571	34.676	36.213		30.022	36.799
1/1/13 8:00	38.430	38.326	33.644	7/13/13 17:00	38.028	21.552	34.641	36.197		29.990	36.761
1/1/13 8:20	38.433	38.326	33.647	7/13/13 18:00	38.023	21.545	34.615	36.183		29.964	36.731
1/1/13 8:40	38.437	38.333	33.649	7/13/13 19:00	38.016	21.531	34.650	36.180		29.945	36.719
1/1/13 9:00	38.440	38.336	33.654	7/13/13 20:00	38.044	21.524	34.629	36.176		29.943	36.724
1/1/13 9:20	38.449	38.343	33.661	7/13/13 21:00	38.063	21.552	34.604	36.199		29.952	36.707
1/1/13 9:40	38.468	38.364	33.719	7/13/13 22:00	38.100	21.571	34.650	36.215		29.992	36.745
1/1/13 10:00	38.496	38.394	33.832	7/13/13 23:00	38.111	21.594	34.636	36.243		29.985	36.731
1/1/13 10:20	38.491	38.387	33.738	7/14/13 0:00	38.121	21.592	34.629	36.253		29.987	36.726
1/1/13 10:40	38.486	38.380	33.717	7/14/13 1:00	38.128	21.606	34.634	36.257		29.985	36.733
1/1/13 11:00	38.486	38.380	33.710	7/14/13 2:00	38.118	21.606	34.632	36.264		29.990	36.738
1/1/13 11:20	38.489	38.382	33.708	7/14/13 3:00	38.156	21.596	34.629	36.255		29.980	36.740
1/1/13 11:40	38.491	38.387	33.710	7/14/13 4:00	38.167	21.638	34.660	36.290		30.004	36.756
1/1/13 12:00	38.493	38.387	33.710	7/14/13 5:00	38.146	21.629	34.655	36.297		30.020	36.761
1/1/13 12:20	38.491	38.385	33.708	7/14/13 6:00	38.163	21.636	34.662	36.281		30.006	36.768
1/1/13 12:40	38.503	38.399	33.752	7/14/13 7:00	38.146	21.634	34.662	36.295		30.020	36.773
1/1/13 13:00	38.496	38.389	33.722	7/14/13 8:00	38.135	21.608	34.643	36.278		30.008	36.763
1/1/13 13:20	38.496	38.389	33.710	7/14/13 9:00	38.165	21.638	34.660	36.269		29.992	36.766
1/1/13 13:40	38.493	38.389	33.703	7/14/13 10:00	38.167	21.648	34.667	36.295		30.022	36.770

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/1/13 14:00	38.491	38.385	33.691	7/14/13 11:00	38.172	21.648	34.674	36.295		30.029	36.780
1/1/13 14:20	38.486	38.380	33.687	7/14/13 12:00	38.202	21.662	34.681	36.299		30.036	36.792
1/1/13 14:40	38.477	38.371	33.682	7/14/13 13:00	38.202	21.680	34.739	36.327		30.095	36.841
1/1/13 15:00	38.542	38.436	34.287	7/14/13 14:00	38.214	21.687	34.895	36.327		30.085	36.862
1/1/13 15:20	38.580	38.476	34.395	7/14/13 15:00	38.207	21.694	34.778	36.334		30.130	36.890
1/1/13 15:40	38.656	38.560	34.641	7/14/13 16:00	38.205	21.697	34.762	36.332		30.116	36.876
1/1/13 16:00	38.661	38.574	34.266	7/14/13 17:00	38.172	21.692	34.778	36.330		30.116	36.876
1/1/13 16:20	38.659	38.569	34.231	7/14/13 18:00	38.165	21.671	34.739	36.302		30.095	36.859
1/1/13 16:40	38.636	38.546	34.125	7/14/13 19:00	38.146	21.662	34.727	36.297		30.085	36.848
1/1/13 17:00	38.619	38.527	34.048	7/14/13 20:00	38.151	21.655	34.720	36.281		30.071	36.836
1/1/13 17:20	38.603	38.511	33.982	7/14/13 21:00	38.158	21.669	34.739	36.285		30.090	36.855
1/1/13 17:40	38.584	38.485	34.006	7/14/13 22:00	38.181	21.678	34.776	36.292		30.083	36.845
1/1/13 18:00	38.594	38.499	34.027	7/14/13 23:00	38.198	21.704	34.757	36.313		30.109	36.857
1/1/13 18:20	38.589	38.487	34.252	7/15/13 0:00	38.226	21.718	34.792	36.325		30.142	36.880
1/1/13 18:40	38.582	38.492	34.057	7/15/13 1:00	38.216	21.736	34.785	36.351		30.146	36.885
1/1/13 19:00	38.566	38.466	33.874	7/15/13 2:00	38.207	21.722	34.781	36.339		30.142	36.885
1/1/13 19:20	38.582	38.485	33.937	7/15/13 3:00	38.202	21.727	34.778	36.332		30.139	36.890
1/1/13 19:40	38.549	38.455	33.825	7/15/13 4:00	38.198	21.729	34.778	36.330		30.137	36.890
1/1/13 20:00	38.528	38.429	33.783	7/15/13 5:00	38.188	21.727	34.778	36.325		30.139	36.892
1/1/13 20:20	38.510	38.410	33.757	7/15/13 6:00	38.198	21.727	34.774	36.318		30.132	36.890
1/1/13 20:40	38.493	38.394	33.736	7/15/13 7:00	38.198	21.736	34.781	36.327		30.142	36.890
1/1/13 21:00	38.479	38.380	33.719	7/15/13 8:00	38.202	21.739	34.781	36.325		30.142	36.892
1/1/13 21:20	38.470	38.366	33.703	7/15/13 9:00	38.207	21.748	34.788	36.330		30.146	36.894
1/1/13 21:40	38.456	38.354	33.691	7/15/13 10:00	38.198	21.755	34.792	36.334		30.156	36.901
1/1/13 22:00	38.447	38.345	33.679	7/15/13 11:00	38.181	21.743	34.788	36.325		30.151	36.901
1/1/13 22:20	38.442	38.340	33.672	7/15/13 12:00	38.165	21.732	34.855	36.316		30.151	36.930
1/1/13 22:40	38.433	38.331	33.668	7/15/13 13:00	38.158	21.729	34.823	36.302		30.167	36.962
1/1/13 23:00	38.428	38.324	33.658	7/15/13 14:00	38.135	21.725	34.804	36.299		30.156	36.944
1/1/13 23:20	38.428	38.326	33.656	7/15/13 15:00	38.123	21.706	34.876	36.281		30.135	36.925
1/1/13 23:40	38.426	38.322	33.654	7/15/13 16:00	38.132	21.708	34.792	36.274		30.142	36.923
1/2/13 0:00	38.423	38.317	33.649	7/15/13 17:00	38.109	21.711	34.776	36.276		30.132	36.901
1/2/13 0:20	38.419	38.317	33.647	7/15/13 18:00	38.116	21.699	34.785	36.255		30.135	36.901
1/2/13 0:40	38.421	38.317	33.644	7/15/13 19:00	38.130	21.715	34.767	36.262		30.111	36.885
1/2/13 1:00	38.419	38.312	33.642	7/15/13 20:00	38.125	21.706	34.755	36.274		30.114	36.873

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/2/13 1:20	38.414	38.308	33.633	7/15/13 21:00	38.142	21.724	34.750	36.271		30.102	36.866
1/2/13 1:40	38.409	38.305	33.628	7/15/13 22:00	38.153	21.729	34.816	36.281		30.109	36.890
1/2/13 2:00	38.398	38.294	33.616	7/15/13 23:00	38.170	21.741	34.778	36.292		30.128	36.890
1/2/13 2:20	38.395	38.291	33.607	7/16/13 0:00	38.181	21.750	34.776	36.306		30.132	36.885
1/2/13 2:40	38.388	38.284	33.597	7/16/13 1:00	38.191	21.769	34.783	36.313		30.137	36.887
1/2/13 3:00	38.381	38.275	33.590	7/16/13 2:00	38.195	21.773	34.790	36.320		30.144	36.894
1/2/13 3:20	38.372	38.268	33.583	7/16/13 3:00	38.184	21.764	34.785	36.325		30.151	36.899
1/2/13 3:40	38.377	38.272	33.581	7/16/13 4:00	38.170	21.764	34.783	36.316		30.142	36.899
1/2/13 4:00	38.370	38.268	33.576	7/16/13 5:00	38.167	21.755	34.776	36.302		30.135	36.899
1/2/13 4:20	38.365	38.261	33.574	7/16/13 6:00	38.181	21.755	34.776	36.302		30.132	36.899
1/2/13 4:40	38.358	38.254	33.565	7/16/13 7:00	38.191	21.769	34.785	36.313		30.142	36.904
1/2/13 5:00	38.356	38.251	33.560	7/16/13 8:00	38.202	21.790	34.795	36.323		30.151	36.908
1/2/13 5:20	38.346	38.244	33.553	7/16/13 9:00	38.212	21.797	34.804	36.330		30.163	36.915
1/2/13 5:40	38.337	38.233	33.541	7/16/13 10:00	38.212	21.815	34.811	36.337		30.170	36.925
1/2/13 6:00	38.335	38.230	33.534	7/16/13 11:00	38.202	21.811	34.860	36.339		30.216	36.974
1/2/13 6:20	38.332	38.228	33.532	7/16/13 12:00	38.198	21.811	34.839	36.332		30.191	36.953
1/2/13 6:40	38.328	38.224	33.527	7/16/13 13:00	38.184	21.804	34.869	36.327		30.226	36.981
1/2/13 7:00	38.325	38.219	33.525	7/16/13 14:00	38.163	21.794	34.832	36.316		30.188	36.955
1/2/13 7:20	38.314	38.212	33.518	7/16/13 15:00	38.142	21.776	34.872	36.299		30.184	36.958
1/2/13 7:40	38.318	38.214	33.508	7/16/13 16:00	38.130	21.766	34.809	36.283		30.165	36.939
1/2/13 8:00	38.321	38.214	33.504	7/16/13 17:00	38.116	21.755	34.783	36.271		30.144	36.913
1/2/13 8:20	38.318	38.214	33.504	7/16/13 18:00	38.116	21.759	34.771	36.262		30.123	36.899
1/2/13 8:40	38.314	38.209	33.501	7/16/13 19:00	38.121	21.755	34.760	36.262		30.116	36.887
1/2/13 9:00	38.318	38.212	33.506	7/16/13 20:00	38.121	21.757	34.755	36.264		30.111	36.880
1/2/13 9:20	38.337	38.233	33.604	7/16/13 21:00	38.139	21.771	34.755	36.264		30.107	36.876
1/2/13 9:40	38.330	38.228	33.546	7/16/13 22:00	38.170	21.776	34.783	36.278		30.114	36.878
1/2/13 10:00	38.332	38.228	33.536	7/16/13 23:00	38.214	21.811	34.797	36.304		30.144	36.904
1/2/13 10:20	38.332	38.228	33.534	7/17/13 0:00	38.198	21.834	34.806	36.339		30.170	36.913
1/2/13 10:40	38.335	38.231	33.536	7/17/13 1:00	38.209	21.841	34.806	36.327		30.160	36.918
1/2/13 11:00	38.339	38.233	33.536	7/17/13 2:00	38.212	21.841	34.811	36.334		30.170	36.925
1/2/13 11:20	38.349	38.242	33.722	7/17/13 3:00	38.191	21.841	34.813	36.339		30.174	36.930
1/2/13 11:40	38.363	38.258	33.586	7/17/13 4:00	38.184	21.822	34.804	36.318		30.160	36.927
1/2/13 12:00	38.365	38.256	33.609	7/17/13 5:00	38.181	21.822	34.832	36.316		30.158	36.939
1/2/13 12:20	38.395	38.296	33.675	7/17/13 6:00	38.184	21.825	34.809	36.313		30.165	36.939

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/2/13 12:40	38.428	38.326	33.841	7/17/13 7:00	38.193	21.834	34.811	36.313		30.163	36.937
1/2/13 13:00	38.437	38.338	33.785	7/17/13 8:00	38.200	21.841	34.813	36.325		30.172	36.939
1/2/13 13:20	38.449	38.345	34.024	7/17/13 9:00	38.200	21.857	34.823	36.330		30.177	36.944
1/2/13 13:40	38.479	38.382	34.064	7/17/13 10:00	38.195	21.860	34.825	36.332		30.179	36.946
1/2/13 14:00	38.468	38.366	33.996	7/17/13 11:00	38.195	21.850	34.839	36.325		30.198	36.960
1/2/13 14:20	38.470	38.373	33.825	7/17/13 12:00	38.179	21.848	34.825	36.325		30.186	36.951
1/2/13 14:40	38.484	38.387	33.935	7/17/13 13:00	38.158	21.839	34.811	36.313		30.174	36.941
1/2/13 15:00	38.451	38.352	33.738	7/17/13 14:00	38.139	21.822	34.811	36.295		30.170	36.941
1/2/13 15:20	38.451	38.352	33.745	7/17/13 15:00	38.109	21.811	34.865	36.283		30.158	36.944
1/2/13 15:40	38.428	38.326	33.675	7/17/13 16:00	38.088	21.780	34.797	36.257		30.149	36.948
1/2/13 16:00	38.435	38.333	33.865	7/17/13 17:00	38.067	21.769	34.762	36.241		30.118	36.913
1/2/13 16:20	38.444	38.347	33.769	7/17/13 18:00	38.058	21.755	34.755	36.222		30.107	36.901
1/2/13 16:40	38.426	38.326	33.679	7/17/13 19:00	38.053	21.748	34.769	36.215		30.078	36.878
1/2/13 17:00	38.461	38.357	34.102	7/17/13 20:00	38.056	21.739	34.720	36.211		30.069	36.869
1/2/13 17:20	38.470	38.375	33.851	7/17/13 21:00	38.067	21.748	34.706	36.213		30.055	36.850
1/2/13 17:40	38.465	38.364	33.905	7/17/13 22:00	38.088	21.757	34.981	36.222		30.130	36.944
1/2/13 18:00	38.463	38.364	33.797	7/17/13 23:00	38.093	21.766	34.883	36.239		30.146	36.965
1/2/13 18:20	38.442	38.343	33.708	7/18/13 0:00	38.100	21.766	34.783	36.241		30.123	36.920
1/2/13 18:40	38.433	38.331	33.677	7/18/13 1:00	38.098	21.766	34.750	36.246		30.097	36.885
1/2/13 19:00	38.428	38.326	33.661	7/18/13 2:00	38.100	21.771	34.734	36.246		30.081	36.862
1/2/13 19:20	38.419	38.315	33.647	7/18/13 3:00	38.107	21.766	34.720	36.248		30.071	36.850
1/2/13 19:40	38.419	38.315	33.642	7/18/13 4:00	38.098	21.759	34.709	36.250		30.064	36.841
1/2/13 20:00	38.419	38.315	33.640	7/18/13 5:00	38.091	21.766	34.697	36.243		30.050	36.834
1/2/13 20:20	38.419	38.315	33.637	7/18/13 6:00	38.098	21.752	34.690	36.236		30.041	36.831
1/2/13 20:40	38.419	38.315	33.637	7/18/13 7:00	38.095	21.752	34.688	36.243		30.039	36.829
1/2/13 21:00	38.421	38.317	33.635	7/18/13 8:00	38.100	21.752	34.685	36.241		30.032	36.827
1/2/13 21:20	38.421	38.317	33.635	7/18/13 9:00	38.095	21.755	34.676	36.241		30.029	36.824
1/2/13 21:40	38.440	38.336	33.696	7/18/13 10:00	38.081	21.743	34.685	36.241		30.036	36.834
1/2/13 22:00	38.433	38.331	33.658	7/18/13 11:00	38.072	21.727	34.664	36.227		30.018	36.820
1/2/13 22:20	38.428	38.324	33.644	7/18/13 12:00	38.058	21.708	34.678	36.220		29.999	36.815
1/2/13 22:40	38.428	38.322	33.639	7/18/13 13:00	38.039	21.699	34.718	36.206		30.057	36.855
1/2/13 23:00	38.430	38.326	33.639	7/18/13 14:00	38.025	21.678	34.650	36.194		29.990	36.813
1/2/13 23:20	38.433	38.326	33.637	7/18/13 15:00	38.007	21.669	34.655	36.180		29.962	36.787
1/2/13 23:40	38.435	38.329	33.642	7/18/13 16:00	37.997	21.650	34.599	36.166		29.941	36.761

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/3/13 0:00	38.442	38.336	33.647	7/18/13 17:00	37.983	21.636	34.569	36.155		29.912	36.735
1/3/13 0:20	38.442	38.336	33.649	7/18/13 18:00	37.969	21.617	34.545	36.145		29.891	36.717
1/3/13 0:40	38.444	38.338	33.654	7/18/13 19:00	37.960	21.608	34.522	36.131		29.866	36.693
1/3/13 1:00	38.449	38.343	33.656	7/18/13 20:00	37.976	21.589	34.520	36.124		29.859	36.693
1/3/13 1:20	38.451	38.347	33.661	7/18/13 21:00	37.995	21.606	34.571	36.136		29.877	36.719
1/3/13 1:40	38.454	38.347	33.661	7/18/13 22:00	38.023	21.620	34.611	36.152		29.889	36.724
1/3/13 2:00	38.451	38.347	33.661	7/18/13 23:00	38.049	21.638	34.559	36.173		29.887	36.719
1/3/13 2:20	38.456	38.350	33.658	7/19/13 0:00	38.067	21.650	34.778	36.197		29.938	36.778
1/3/13 2:40	38.458	38.352	33.663	7/19/13 1:00	38.063	21.650	34.911	36.213		30.060	36.908
1/3/13 3:00	38.461	38.354	33.665	7/19/13 2:00	38.056	21.636	34.988	36.211		30.114	36.976
1/3/13 3:20	38.461	38.357	33.670	7/19/13 3:00	38.049	21.631	35.028	36.208		30.149	37.018
1/3/13 3:40	38.470	38.364	33.675	7/19/13 4:00	38.037	21.617	35.072	36.201		30.181	37.046
1/3/13 4:00	38.477	38.371	33.684	7/19/13 5:00	38.032	21.601	35.077	36.192		30.193	37.056
1/3/13 4:20	38.475	38.368	33.684	7/19/13 6:00	38.046	21.606	35.086	36.187		30.205	37.063
1/3/13 4:40	38.477	38.368	33.684	7/19/13 7:00	38.056	21.620	35.102	36.201		30.230	37.077
1/3/13 5:00	38.479	38.373	33.687	7/19/13 8:00	38.058	21.620	35.116	36.208		30.247	37.091
1/3/13 5:20	38.479	38.373	33.686	7/19/13 9:00	38.070	21.636	34.997	36.211		30.263	37.084
1/3/13 5:40	38.482	38.375	33.691	7/19/13 10:00	38.072	21.631	34.832	36.220		30.144	36.941
1/3/13 6:00	38.484	38.378	33.691	7/19/13 11:00	38.070	21.617	34.776	36.220		30.104	36.873
1/3/13 6:20	38.486	38.380	33.694	7/19/13 12:00	38.063	21.613	34.732	36.218		30.071	36.836
1/3/13 6:40	38.484	38.378	33.694	7/19/13 13:00	38.051	21.601	34.676	36.211		30.022	36.785
1/3/13 7:00	38.482	38.375	33.691	7/19/13 14:00	38.042	21.589	34.655	36.199		30.001	36.763
1/3/13 7:20	38.491	38.382	33.722	7/19/13 15:00	38.025	21.575	34.613	36.190		29.959	36.728
1/3/13 7:40	38.512	38.406	33.745	7/19/13 16:00	38.004	21.557	34.613	36.173		29.959	36.726
1/3/13 8:00	38.507	38.403	33.726	7/19/13 17:00	37.988	21.540	34.559	36.159		29.905	36.689
1/3/13 8:20	38.510	38.403	33.726	7/19/13 18:00	37.983	21.526	34.545	36.140		29.889	36.677
1/3/13 8:40	38.512	38.406	33.726	7/19/13 19:00	37.997	21.519	34.513	36.138		29.856	36.651
1/3/13 9:00	38.512	38.406	33.729	7/19/13 20:00	38.098	21.547	34.518	36.150		29.845	36.649
1/3/13 9:20	38.519	38.408	33.935	7/19/13 21:00	38.107	21.624	34.557	36.236		29.919	36.640
1/3/13 9:40	38.533	38.429	33.785	7/19/13 22:00	38.095	21.603	34.576	36.241		29.901	36.663
1/3/13 10:00	38.528	38.424	33.762	7/19/13 23:00	38.091	21.582	34.541	36.232		29.896	36.665
1/3/13 10:20	38.530	38.427	33.759	7/20/13 0:00	38.100	21.561	34.534	36.222		29.877	36.668
1/3/13 10:40	38.528	38.422	33.757	7/20/13 1:00	38.100	21.603	34.541	36.234		29.880	36.675
1/3/13 11:00	38.535	38.429	33.757	7/20/13 2:00	38.095	21.594	34.532	36.232		29.880	36.672

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/3/13 11:20	38.538	38.431	33.762	7/20/13 3:00	38.093	21.589	34.525	36.229		29.875	36.670
1/3/13 11:40	38.540	38.431	33.764	7/20/13 4:00	38.079	21.592	34.522	36.227		29.866	36.668
1/3/13 12:00	38.561	38.457	33.860	7/20/13 5:00	38.074	21.568	34.504	36.213		29.852	36.658
1/3/13 12:20	38.554	38.448	33.797	7/20/13 6:00	38.074	21.568	34.497	36.208		29.840	36.656
1/3/13 12:40	38.544	38.438	33.778	7/20/13 7:00	38.081	21.589	34.506	36.208		29.835	36.663
1/3/13 13:00	38.538	38.431	33.764	7/20/13 8:00	38.088	21.571	34.501	36.215		29.842	36.661
1/3/13 13:20	38.530	38.424	33.752	7/20/13 9:00	38.081	21.582	34.522	36.220		29.845	36.675
1/3/13 13:40	38.540	38.436	33.804	7/20/13 10:00	38.086	21.573	34.543	36.213		29.875	36.717
1/3/13 14:00	38.528	38.424	33.759	7/20/13 11:00	38.077	21.578	34.529	36.220		29.861	36.710
1/3/13 14:20	38.551	38.445	33.869	7/20/13 12:00	38.072	21.573	34.525	36.213		29.849	36.707
1/3/13 14:40	38.552	38.450	33.839	7/20/13 13:00	38.056	21.566	34.508	36.206		29.838	36.693
1/3/13 15:00	38.535	38.434	33.785	7/20/13 14:00	38.032	21.550	34.485	36.194		29.819	36.672
1/3/13 15:20	38.524	38.420	33.762	7/20/13 15:00	38.000	21.512	34.450	36.173		29.793	36.642
1/3/13 15:40	38.533	38.429	33.923	7/20/13 16:00	38.074	21.529	34.438	36.145		29.754	36.623
1/3/13 16:00	38.523	38.420	33.776	7/20/13 17:00	38.081	21.545	34.450	36.211		29.784	36.604
1/3/13 16:20	38.510	38.406	33.747	7/20/13 18:00	38.056	21.568	34.452	36.211		29.789	36.609
1/3/13 16:40	38.505	38.401	33.736	7/20/13 19:00	38.056	21.522	34.422	36.192		29.772	36.600
1/3/13 17:00	38.519	38.417	33.808	7/20/13 20:00	38.058	21.536	34.429	36.190		29.768	36.604
1/3/13 17:20	38.514	38.408	33.848	7/20/13 21:00	38.067	21.538	34.466	36.192		29.796	36.644
1/3/13 17:40	38.521	38.420	33.801	7/20/13 22:00	38.072	21.540	34.450	36.199		29.777	36.637
1/3/13 18:00	38.545	38.441	34.052	7/20/13 23:00	38.095	21.545	34.445	36.204		29.775	36.635
1/3/13 18:20	38.535	38.431	33.818	7/21/13 0:00	38.100	21.575	34.466	36.222		29.784	36.647
1/3/13 18:40	38.519	38.417	33.776	7/21/13 1:00	38.109	21.552	34.452	36.227		29.791	36.644
1/3/13 19:00	38.507	38.403	33.755	7/21/13 2:00	38.104	21.571	34.462	36.236		29.791	36.651
1/3/13 19:20	38.503	38.399	33.740	7/21/13 3:00	38.095	21.557	34.455	36.229		29.789	36.647
1/3/13 19:40	38.507	38.401	33.731	7/21/13 4:00	38.091	21.552	34.450	36.222		29.779	36.642
1/3/13 20:00	38.521	38.415	33.729	7/21/13 5:00	38.079	21.538	34.438	36.218		29.772	36.635
1/3/13 20:20	38.533	38.427	33.905	7/21/13 6:00	38.072	21.538	34.431	36.208		29.761	36.630
1/3/13 20:40	38.526	38.422	33.762	7/21/13 7:00	38.063	21.529	34.422	36.201		29.751	36.628
1/3/13 21:00	38.512	38.408	33.738	7/21/13 8:00	38.074	21.522	34.422	36.194		29.742	36.625
1/3/13 21:20	38.519	38.413	33.975	7/21/13 9:00	38.091	21.526	34.438	36.204		29.758	36.644
1/3/13 21:40	38.512	38.410	33.764	7/21/13 10:00	38.104	21.557	34.450	36.218		29.761	36.654
1/3/13 22:00	38.531	38.427	33.973	7/21/13 11:00	38.118	21.545	34.450	36.229		29.772	36.658
1/3/13 22:20	38.566	38.462	34.247	7/21/13 12:00	38.107	21.552	34.464	36.241		29.784	36.672

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/3/13 22:40	38.587	38.490	34.099	7/21/13 13:00	38.077	21.540	34.459	36.229		29.779	36.684
1/3/13 23:00	38.554	38.455	33.869	7/21/13 14:00	38.053	21.501	34.438	36.206		29.758	36.668
1/3/13 23:20	38.533	38.434	33.808	7/21/13 15:00	38.037	21.494	34.424	36.187		29.737	36.656
1/3/13 23:40	38.519	38.417	33.776	7/21/13 16:00	38.021	21.470	34.396	36.173		29.718	36.630
1/4/13 0:00	38.505	38.403	33.752	7/21/13 17:00	38.009	21.461	34.378	36.157		29.695	36.607
1/4/13 0:20	38.496	38.392	33.738	7/21/13 18:00	38.009	21.449	34.389	36.150		29.690	36.604
1/4/13 0:40	38.486	38.385	33.724	7/21/13 19:00	38.007	21.440	34.359	36.150		29.674	36.588
1/4/13 1:00	38.479	38.375	33.710	7/21/13 20:00	38.018	21.436	34.345	36.145		29.660	36.574
1/4/13 1:20	38.470	38.366	33.701	7/21/13 21:00	38.030	21.452	34.345	36.155		29.658	36.572
1/4/13 1:40	38.463	38.359	33.691	7/21/13 22:00	38.053	21.459	34.352	36.164		29.658	36.574
1/4/13 2:00	38.458	38.354	33.682	7/21/13 23:00	38.065	21.473	34.375	36.183		29.683	36.597
1/4/13 2:20	38.454	38.350	33.675	7/22/13 0:00	38.072	21.473	34.373	36.192		29.683	36.600
1/4/13 2:40	38.463	38.361	33.729	7/22/13 1:00	38.070	21.477	34.373	36.199		29.683	36.602
1/4/13 3:00	38.454	38.350	33.694	7/22/13 2:00	38.049	21.456	34.364	36.197		29.681	36.600
1/4/13 3:20	38.451	38.347	33.679	7/22/13 3:00	38.035	21.433	34.345	36.178		29.660	36.586
1/4/13 3:40	38.447	38.340	33.670	7/22/13 4:00	38.023	21.426	34.329	36.164		29.644	36.572
1/4/13 4:00	38.440	38.336	33.661	7/22/13 5:00	38.028	21.410	34.317	36.155		29.627	36.558
1/4/13 4:20	38.433	38.331	33.654	7/22/13 6:00	38.039	21.410	34.313	36.159		29.623	36.551
1/4/13 4:40	38.430	38.326	33.647	7/22/13 7:00	38.070	21.421	34.315	36.169		29.623	36.553
1/4/13 5:00	38.419	38.317	33.635	7/22/13 8:00	38.130	21.459	34.343	36.194		29.641	36.567
1/4/13 5:20	38.414	38.310	33.628	7/22/13 9:00	38.063	21.461	34.359	36.243		29.688	36.590
1/4/13 5:40	38.407	38.305	33.618	7/22/13 10:00	38.018	21.398	34.324	36.185		29.646	36.586
1/4/13 6:00	38.402	38.298	33.611	7/22/13 11:00	38.039	21.382	34.352	36.145		29.609	36.572
1/4/13 6:20	38.398	38.294	33.607	7/22/13 12:00	38.053	21.407	34.361	36.166		29.653	36.621
1/4/13 6:40	38.398	38.291	33.602	7/22/13 13:00	38.067	21.414	34.359	36.180		29.653	36.614
1/4/13 7:00	38.393	38.286	33.602	7/22/13 14:00	38.107	21.443	34.373	36.192		29.658	36.623
1/4/13 7:20	38.393	38.289	33.600	7/22/13 15:00	38.046	21.433	34.427	36.225		29.742	36.672
1/4/13 7:40	38.398	38.291	33.597	7/22/13 16:00	38.044	21.394	34.368	36.171		29.665	36.635
1/4/13 8:00	38.395	38.289	33.595	7/22/13 17:00	38.053	21.382	34.373	36.171		29.660	36.621
1/4/13 8:20	38.388	38.284	33.593	7/22/13 18:00	38.053	21.389	34.347	36.178		29.651	36.597
1/4/13 8:40	38.384	38.279	33.590	7/22/13 19:00	38.037	21.382	34.331	36.178		29.639	36.579
1/4/13 9:00	38.381	38.277	33.583	7/22/13 20:00	38.042	21.356	34.329	36.164		29.620	36.562
1/4/13 9:20	38.402	38.296	33.654	7/22/13 21:00	38.049	21.375	34.324	36.169		29.623	36.576
1/4/13 9:40	38.393	38.289	33.614	7/22/13 22:00	38.102	21.382	34.320	36.173		29.620	36.569

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/4/13 10:00	38.388	38.284	33.604	7/22/13 23:00	38.116	21.419	34.345	36.220		29.648	36.586
1/4/13 10:20	38.391	38.284	33.600	7/23/13 0:00	38.125	21.422	34.352	36.227		29.665	36.600
1/4/13 10:40	38.393	38.286	33.600	7/23/13 1:00	38.121	21.438	34.368	36.234		29.667	36.614
1/4/13 11:00	38.405	38.303	33.663	7/23/13 2:00	38.109	21.412	34.382	36.234		29.700	36.637
1/4/13 11:20	38.402	38.298	33.626	7/23/13 3:00	38.095	21.421	34.375	36.222		29.674	36.630
1/4/13 11:40	38.402	38.298	33.616	7/23/13 4:00	38.060	21.384	34.350	36.211		29.662	36.614
1/4/13 12:00	38.398	38.294	33.609	7/23/13 5:00	38.067	21.370	34.331	36.183		29.634	36.595
1/4/13 12:20	38.398	38.289	33.602	7/23/13 6:00	38.079	21.380	34.327	36.187		29.630	36.588
1/4/13 12:40	38.388	38.284	33.593	7/23/13 7:00	38.221	21.417	34.347	36.197		29.632	36.590
1/4/13 13:00	38.386	38.279	33.583	7/23/13 8:00	38.226	21.522	34.415	36.323		29.709	36.644
1/4/13 13:20	38.402	38.294	33.834	7/23/13 9:00	38.139	21.489	34.406	36.323		29.740	36.630
1/4/13 13:40	38.430	38.329	33.860	7/23/13 10:00	38.130	21.424	34.375	36.246		29.693	36.635
1/4/13 14:00	38.456	38.361	33.830	7/23/13 11:00	38.139	21.466	34.455	36.243		29.690	36.668
1/4/13 14:20	38.493	38.401	33.977	7/23/13 12:00	38.137	21.449	34.420	36.253		29.723	36.686
1/4/13 14:40	38.489	38.387	34.090	7/23/13 13:00	38.130	21.440	34.415	36.248		29.718	36.684
1/4/13 15:00	38.489	38.389	33.973	7/23/13 14:00	38.116	21.440	34.415	36.248		29.716	36.684
1/4/13 15:20	38.538	38.445	34.219	7/23/13 15:00	38.116	21.426	34.408	36.236		29.707	36.677
1/4/13 15:40	38.594	38.497	34.261	7/23/13 16:00	38.088	21.421	34.452	36.234		29.704	36.670
1/4/13 16:00	38.621	38.525	34.113	7/23/13 17:00	38.051	21.401	34.387	36.211		29.693	36.663
1/4/13 16:20	38.622	38.516	34.104	7/23/13 18:00	38.077	21.373	34.359	36.180		29.655	36.637
1/4/13 16:40	38.654	38.555	33.970	7/23/13 19:00	38.079	21.414	34.373	36.201		29.672	36.630
1/4/13 17:00	38.685	38.581	34.142	7/23/13 20:00	38.084	21.403	34.359	36.204		29.662	36.618
1/4/13 17:20	38.703	38.600	34.158	7/23/13 21:00	38.098	21.412	34.359	36.206		29.658	36.618
1/4/13 17:40	38.717	38.614	34.146	7/23/13 22:00	38.128	21.428	34.399	36.220		29.669	36.640
1/4/13 18:00	38.733	38.632	34.066	7/23/13 23:00	38.170	21.461	34.408	36.246		29.697	36.661
1/4/13 18:20	38.726	38.625	33.989	7/24/13 0:00	38.163	21.477	34.422	36.281		29.730	36.679
1/4/13 18:40	38.719	38.618	33.912	7/24/13 1:00	38.188	21.468	34.429	36.274		29.730	36.691
1/4/13 19:00	38.717	38.614	33.902	7/24/13 2:00	38.184	21.508	34.450	36.295		29.749	36.710
1/4/13 19:20	38.692	38.588	33.799	7/24/13 3:00	38.181	21.496	34.452	36.292		29.754	36.717
1/4/13 19:40	38.678	38.572	33.759	7/24/13 4:00	38.170	21.484	34.450	36.288		29.758	36.717
1/4/13 20:00	38.654	38.553	33.738	7/24/13 5:00	38.184	21.503	34.457	36.278		29.747	36.719
1/4/13 20:20	38.607	38.506	33.715	7/24/13 6:00	38.188	21.508	34.459	36.292		29.765	36.721
1/4/13 20:40	38.566	38.464	33.694	7/24/13 7:00	38.205	21.519	34.469	36.297		29.772	36.726
1/4/13 21:00	38.531	38.429	33.675	7/24/13 8:00	38.205	21.533	34.480	36.309		29.784	36.735

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/4/13 21:20	38.503	38.401	33.656	7/24/13 9:00	38.219	21.538	34.487	36.311		29.791	36.747
1/4/13 21:40	38.477	38.375	33.642	7/24/13 10:00	38.209	21.557	34.508	36.323		29.807	36.766
1/4/13 22:00	38.456	38.352	33.626	7/24/13 11:00	38.202	21.550	34.532	36.313		29.833	36.796
1/4/13 22:20	38.435	38.333	33.611	7/24/13 12:00	38.200	21.552	34.573	36.311		29.831	36.822
1/4/13 22:40	38.416	38.315	33.600	7/24/13 13:00	38.179	21.550	34.545	36.311		29.845	36.827
1/4/13 23:00	38.405	38.303	33.590	7/24/13 14:00	38.146	21.524	34.522	36.295		29.831	36.813
1/4/13 23:20	38.393	38.291	33.581	7/24/13 15:00	38.121	21.505	34.557	36.264		29.803	36.810
1/4/13 23:40	38.398	38.296	33.762	7/24/13 16:00	38.093	21.480	34.513	36.246		29.810	36.808
1/5/13 0:00	38.386	38.284	33.600	7/24/13 17:00	38.074	21.466	34.473	36.222		29.772	36.768
1/5/13 0:20	38.370	38.268	33.572	7/24/13 18:00	38.063	21.456	34.462	36.208		29.747	36.735
1/5/13 0:40	38.358	38.256	33.558	7/24/13 19:00	38.070	21.435	34.438	36.197		29.737	36.724
1/5/13 1:00	38.351	38.249	33.543	7/24/13 20:00	38.081	21.445	34.478	36.204		29.725	36.707
1/5/13 1:20	38.342	38.237	33.532	7/24/13 21:00	38.088	21.461	34.452	36.213		29.749	36.724
1/5/13 1:40	38.330	38.228	33.520	7/24/13 22:00	38.098	21.456	34.476	36.218		29.733	36.724
1/5/13 2:00	38.323	38.219	33.513	7/24/13 23:00	38.116	21.477	34.448	36.227		29.740	36.721
1/5/13 2:20	38.316	38.212	33.504	7/25/13 0:00	38.128	21.491	34.452	36.239		29.747	36.721
1/5/13 2:40	38.311	38.207	33.497	7/25/13 1:00	38.135	21.496	34.455	36.248		29.749	36.728
1/5/13 3:00	38.304	38.200	33.489	7/25/13 2:00	38.121	21.484	34.448	36.255		29.756	36.731
1/5/13 3:20	38.302	38.198	33.482	7/25/13 3:00	38.093	21.470	34.441	36.243		29.742	36.728
1/5/13 3:40	38.300	38.195	33.482	7/25/13 4:00	38.093	21.454	34.422	36.218		29.718	36.714
1/5/13 4:00	38.295	38.191	33.478	7/25/13 5:00	38.107	21.454	34.415	36.220		29.711	36.707
1/5/13 4:20	38.281	38.181	33.464	7/25/13 6:00	38.130	21.470	34.417	36.234		29.718	36.700
1/5/13 4:40	38.286	38.181	33.466	7/25/13 7:00	38.132	21.484	34.427	36.250		29.728	36.707
1/5/13 5:00	38.281	38.177	33.457	7/25/13 8:00	38.109	21.503	34.452	36.253		29.742	36.731
1/5/13 5:20	38.274	38.170	33.450	7/25/13 9:00	38.109	21.468	34.420	36.234		29.721	36.710
1/5/13 5:40	38.269	38.165	33.443	7/25/13 10:00	38.095	21.459	34.413	36.234		29.718	36.705
1/5/13 6:00	38.272	38.167	33.440	7/25/13 11:00	38.114	21.456	34.422	36.222		29.704	36.717
1/5/13 6:20	38.262	38.160	33.436	7/25/13 12:00	38.123	21.466	34.448	36.239		29.733	36.756
1/5/13 6:40	38.260	38.156	33.431	7/25/13 13:00	38.109	21.477	34.459	36.246		29.740	36.773
1/5/13 7:00	38.260	38.158	33.426	7/25/13 14:00	38.109	21.459	34.459	36.236		29.751	36.775
1/5/13 7:20	38.262	38.156	33.426	7/25/13 15:00	38.100	21.459	34.441	36.234		29.730	36.756
1/5/13 7:40	38.258	38.153	33.426	7/25/13 16:00	38.077	21.445	34.424	36.225		29.714	36.735
1/5/13 8:00	38.258	38.153	33.424	7/25/13 17:00	38.072	21.428	34.401	36.206		29.693	36.714
1/5/13 8:20	38.262	38.158	33.426	7/25/13 18:00	38.077	21.424	34.415	36.199		29.697	36.714

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/5/13 8:40	38.286	38.181	33.515	7/25/13 19:00	38.053	21.417	34.385	36.204		29.679	36.686
1/5/13 9:00	38.283	38.181	33.461	7/25/13 20:00	38.060	21.398	34.359	36.187		29.651	36.661
1/5/13 9:20	38.283	38.181	33.452	7/25/13 21:00	38.084	21.394	34.364	36.190		29.644	36.658
1/5/13 9:40	38.286	38.179	33.447	7/25/13 22:00	38.111	21.396	34.359	36.211		29.655	36.654
1/5/13 10:00	38.281	38.177	33.443	7/25/13 23:00	38.086	21.421	34.368	36.234		29.667	36.665
1/5/13 10:20	38.283	38.177	33.440	7/26/13 0:00	38.109	21.403	34.357	36.208		29.646	36.649
1/5/13 10:40	38.286	38.181	33.445	7/26/13 1:00	38.109	21.435	34.373	36.232		29.662	36.670
1/5/13 11:00	38.283	38.179	33.447	7/26/13 2:00	38.121	21.433	34.373	36.227		29.662	36.677
1/5/13 11:20	38.302	38.200	33.569	7/26/13 3:00	38.102	21.428	34.373	36.239		29.669	36.684
1/5/13 11:40	38.304	38.202	33.489	7/26/13 4:00	38.093	21.417	34.361	36.222		29.658	36.679
1/5/13 12:00	38.302	38.198	33.475	7/26/13 5:00	38.098	21.412	34.354	36.215		29.646	36.675
1/5/13 12:20	38.300	38.195	33.466	7/26/13 6:00	38.123	21.424	34.361	36.220		29.646	36.675
1/5/13 12:40	38.290	38.186	33.459	7/26/13 7:00	38.132	21.433	34.373	36.241		29.662	36.677
1/5/13 13:00	38.293	38.186	33.450	7/26/13 8:00	38.142	21.447	34.382	36.246		29.669	36.686
1/5/13 13:20	38.293	38.188	33.447	7/26/13 9:00	38.146	21.456	34.385	36.257		29.679	36.693
1/5/13 13:40	38.293	38.188	33.450	7/26/13 10:00	38.165	21.456	34.389	36.257		29.679	36.700
1/5/13 14:00	38.311	38.207	33.513	7/26/13 11:00	38.181	21.480	34.434	36.276		29.704	36.728
1/5/13 14:20	38.302	38.200	33.475	7/26/13 12:00	38.177	21.484	34.511	36.290		29.735	36.756
1/5/13 14:40	38.370	38.270	33.794	7/26/13 13:00	38.170	21.480	34.490	36.288		29.742	36.777
1/5/13 15:00	38.409	38.312	33.959	7/26/13 14:00	38.149	21.470	34.452	36.283		29.740	36.773
1/5/13 15:20	38.449	38.354	34.174	7/26/13 15:00	38.137	21.452	34.431	36.264		29.718	36.759
1/5/13 15:40	38.491	38.403	34.019	7/26/13 16:00	38.135	21.438	34.420	36.255		29.704	36.749
1/5/13 16:00	38.475	38.382	33.848	7/26/13 17:00	38.123	21.440	34.413	36.250		29.702	36.738
1/5/13 16:20	38.458	38.361	33.771	7/26/13 18:00	38.123	21.431	34.406	36.243		29.688	36.728
1/5/13 16:40	38.435	38.336	33.684	7/26/13 19:00	38.116	21.426	34.415	36.243		29.704	36.735
1/5/13 17:00	38.416	38.317	33.640	7/26/13 20:00	38.118	21.424	34.394	36.236		29.683	36.719
1/5/13 17:20	38.447	38.345	33.935	7/26/13 21:00	38.118	21.414	34.504	36.241		29.679	36.747
1/5/13 17:40	38.447	38.350	33.801	7/26/13 22:00	38.125	21.414	34.420	36.239		29.704	36.745
1/5/13 18:00	38.454	38.357	33.755	7/26/13 23:00	38.144	21.440	34.431	36.246		29.704	36.747
1/5/13 18:20	38.433	38.333	33.672	7/27/13 0:00	38.151	21.435	34.422	36.262		29.709	36.740
1/5/13 18:40	38.442	38.343	33.745	7/27/13 1:00	38.142	21.445	34.424	36.264		29.707	36.740
1/5/13 19:00	38.428	38.329	33.658	7/27/13 2:00	38.139	21.435	34.420	36.260		29.702	36.740
1/5/13 19:20	38.421	38.319	33.633	7/27/13 3:00	38.123	21.426	34.410	36.255		29.697	36.742
1/5/13 19:40	38.416	38.315	33.621	7/27/13 4:00	38.107	21.398	34.394	36.243		29.686	36.731

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/5/13 20:00	38.412	38.308	33.614	7/27/13 5:00	38.112	21.391	34.378	36.229		29.667	36.721
1/5/13 20:20	38.412	38.308	33.609	7/27/13 6:00	38.139	21.414	34.387	36.234		29.667	36.719
1/5/13 20:40	38.412	38.308	33.607	7/27/13 7:00	38.146	21.449	34.406	36.255		29.681	36.728
1/5/13 21:00	38.409	38.305	33.604	7/27/13 8:00	38.174	21.438	34.401	36.262		29.690	36.724
1/5/13 21:20	38.409	38.308	33.602	7/27/13 9:00	38.144	21.445	34.410	36.285		29.707	36.733
1/5/13 21:40	38.412	38.308	33.602	7/27/13 10:00	38.146	21.433	34.415	36.260		29.702	36.745
1/5/13 22:00	38.414	38.310	33.604	7/27/13 11:00	38.135	21.421	34.406	36.262		29.695	36.740
1/5/13 22:20	38.412	38.308	33.602	7/27/13 12:00	38.132	21.419	34.415	36.253		29.697	36.752
1/5/13 22:40	38.414	38.308	33.602	7/27/13 13:00	38.114	21.424	34.408	36.250		29.688	36.745
1/5/13 23:00	38.419	38.315	33.604	7/27/13 14:00	38.088	21.391	34.385	36.236		29.672	36.731
1/5/13 23:20	38.421	38.315	33.609	7/27/13 15:00	38.093	21.394	34.389	36.218		29.655	36.740
1/5/13 23:40	38.421	38.317	33.607	7/27/13 16:00	38.081	21.403	34.399	36.229		29.651	36.759
1/6/13 0:00	38.421	38.315	33.607	7/27/13 17:00	38.056	21.361	34.368	36.215		29.646	36.731
1/6/13 0:20	38.426	38.317	33.611	7/27/13 18:00	38.037	21.335	34.364	36.187		29.634	36.724
1/6/13 0:40	38.426	38.322	33.614	7/27/13 19:00	38.025	21.324	34.329	36.176		29.602	36.696
1/6/13 1:00	38.426	38.319	33.614	7/27/13 20:00	38.023	21.303	34.322	36.171		29.588	36.698
1/6/13 1:20	38.423	38.317	33.611	7/27/13 21:00	38.035	21.303	34.310	36.169		29.578	36.686
1/6/13 1:40	38.428	38.324	33.611	7/27/13 22:00	38.051	21.314	34.329	36.173		29.571	36.677
1/6/13 2:00	38.428	38.322	33.614	7/27/13 23:00	38.072	21.319	34.313	36.187		29.578	36.663
1/6/13 2:20	38.437	38.329	33.811	7/28/13 0:00	38.070	21.326	34.303	36.201		29.583	36.656
1/6/13 2:40	38.447	38.343	33.661	7/28/13 1:00	38.072	21.335	34.306	36.199		29.574	36.656
1/6/13 3:00	38.449	38.343	33.647	7/28/13 2:00	38.091	21.331	34.301	36.201		29.569	36.654
1/6/13 3:20	38.449	38.343	33.642	7/28/13 3:00	38.102	21.333	34.301	36.213		29.571	36.654
1/6/13 3:40	38.447	38.343	33.642	7/28/13 4:00	38.081	21.324	34.296	36.225		29.581	36.649
1/6/13 4:00	38.449	38.343	33.640	7/28/13 5:00	38.088	21.293	34.289	36.208		29.562	36.621
1/6/13 4:20	38.449	38.345	33.640	7/28/13 6:00	38.084	21.303	34.275	36.211		29.560	36.616
1/6/13 4:40	38.449	38.345	33.637	7/28/13 7:00	38.093	21.303	34.275	36.208		29.553	36.611
1/6/13 5:00	38.447	38.340	33.633	7/28/13 8:00	38.072	21.286	34.273	36.213		29.553	36.630
1/6/13 5:20	38.449	38.340	33.633	7/28/13 9:00	38.077	21.282	34.280	36.197		29.553	36.640
1/6/13 5:40	38.447	38.343	33.633	7/28/13 10:00	38.084	21.289	34.282	36.206		29.543	36.647
1/6/13 6:00	38.447	38.338	33.630	7/28/13 11:00	38.079	21.291	34.275	36.208		29.545	36.647
1/6/13 6:20	38.444	38.338	33.630	7/28/13 12:00	38.088	21.284	34.275	36.204		29.536	36.642
1/6/13 6:40	38.447	38.340	33.630	7/28/13 13:00	38.091	21.282	34.266	36.211		29.536	36.637
1/6/13 7:00	38.447	38.340	33.630	7/28/13 14:00	38.093	21.279	34.259	36.206		29.529	36.632

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/6/13 7:20	38.444	38.340	33.630	7/28/13 15:00	38.093	21.265	34.254	36.204		29.522	36.628
1/6/13 7:40	38.447	38.340	33.633	7/28/13 16:00	38.095	21.263	34.247	36.199		29.515	36.623
1/6/13 8:00	38.451	38.347	33.637	7/28/13 17:00	38.095	21.247	34.233	36.192		29.508	36.616
1/6/13 8:20	38.454	38.347	33.639	7/28/13 18:00	38.093	21.249	34.226	36.190		29.496	36.609
1/6/13 8:40	38.456	38.350	33.642	7/28/13 19:00	38.091	21.219	34.217	36.178		29.485	36.600
1/6/13 9:00	38.475	38.373	33.710	7/28/13 20:00	38.086	21.221	34.210	36.180		29.480	36.595
1/6/13 9:20	38.472	38.368	33.677	7/28/13 21:00	38.072	21.207	34.196	36.185		29.471	36.574
1/6/13 9:40	38.470	38.366	33.668	7/28/13 22:00	38.070	21.244	34.198	36.192		29.634	36.546
1/6/13 10:00	38.468	38.364	33.663	7/28/13 23:00	38.065	21.249	34.219	36.215		29.662	36.558
1/6/13 10:20	38.468	38.361	33.663	7/29/13 0:00	38.074	21.356	34.233	36.222		29.632	36.576
1/6/13 10:40	38.470	38.364	33.661	7/29/13 1:00	38.074	21.200	34.243	36.227		29.567	36.623
1/6/13 11:00	38.470	38.364	33.661	7/29/13 2:00	38.072	21.174	34.229	36.218		29.459	36.625
1/6/13 11:20	38.470	38.364	33.661	7/29/13 3:00	38.070	21.149	34.240	36.215		29.461	36.623
1/6/13 11:40	38.470	38.364	33.661	7/29/13 4:00	38.070	21.123	34.212	36.208		29.447	36.611
1/6/13 12:00	38.472	38.366	33.661	7/29/13 5:00	38.067	21.093	34.198	36.204		29.436	36.602
1/6/13 12:20	38.472	38.364	33.703	7/29/13 6:00	38.067	21.056	34.182	36.197		29.422	36.590
1/6/13 12:40	38.482	38.378	33.717	7/29/13 7:00	38.067	21.037	34.175	36.194		29.412	36.581
1/6/13 13:00	38.468	38.364	33.677	7/29/13 8:00	38.070	21.023	34.175	36.201		29.419	36.576
1/6/13 13:20	38.461	38.357	33.656	7/29/13 9:00	38.070	20.993	34.166	36.199		29.417	36.572
1/6/13 13:40	38.449	38.345	33.642	7/29/13 10:00	38.072	20.967	34.163	36.201		29.419	36.581
1/6/13 14:00	38.458	38.354	33.691	7/29/13 11:00	38.074	20.939	34.161	36.199		29.410	36.569
1/6/13 14:20	38.444	38.340	33.649	7/29/13 12:00	38.079	20.904	34.140	36.190		29.396	36.586
1/6/13 14:40	38.435	38.331	33.628	7/29/13 13:00	38.081	20.869	34.129	36.185		29.380	36.597
1/6/13 15:00	38.426	38.322	33.611	7/29/13 14:00	38.088	20.836	34.117	36.183		29.368	36.541
1/6/13 15:20	38.416	38.312	33.602	7/29/13 15:00	38.088	20.822	34.117	36.185		29.361	36.539
1/6/13 15:40	38.423	38.322	33.647	7/29/13 16:00	38.093	20.794	34.108	36.183		29.351	36.532
1/6/13 16:00	38.416	38.312	33.611	7/29/13 17:00	38.093	20.776	34.091	36.178		29.342	36.525
1/6/13 16:20	38.407	38.301	33.595	7/29/13 18:00	38.095	20.755	34.093	36.176		29.330	36.525
1/6/13 16:40	38.414	38.312	33.670	7/29/13 19:00	38.098	20.743	34.124	36.180		29.337	36.574
1/6/13 17:00	38.405	38.298	33.604	7/29/13 20:00	38.095	20.746	34.129	36.204		29.368	36.586
1/6/13 17:20	38.398	38.294	33.586	7/29/13 21:00	38.098	20.741	34.131	36.206		29.363	36.576
1/6/13 17:40	38.388	38.286	33.576	7/29/13 22:00	38.095	20.729	34.126	36.211		29.370	36.567
1/6/13 18:00	38.407	38.301	33.790	7/29/13 23:00	38.095	20.722	34.129	36.208		29.358	36.562
1/6/13 18:20	38.449	38.347	34.003	7/30/13 0:00	38.093	20.715	34.129	36.218		29.368	36.565

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/6/13 18:40	38.447	38.345	33.923	7/30/13 1:00	38.093	20.711	34.133	36.227		29.375	36.569
1/6/13 19:00	38.510	38.408	34.369	7/30/13 2:00	38.091	20.699	34.131	36.229		29.380	36.572
1/6/13 19:20	38.524	38.427	34.259	7/30/13 3:00	38.091	20.683	34.126	36.227		29.366	36.574
1/6/13 19:40	38.556	38.464	34.081	7/30/13 4:00	38.088	20.673	34.129	36.225		29.368	36.576
1/6/13 20:00	38.540	38.441	34.231	7/30/13 5:00	38.088	20.666	34.131	36.225		29.361	36.579
1/6/13 20:20	38.524	38.427	34.111	7/30/13 6:00	38.086	20.662	34.131	36.229		29.370	36.583
1/6/13 20:40	38.500	38.401	34.057	7/30/13 7:00	38.084	20.652	34.138	36.234		29.377	36.588
1/6/13 21:00	38.496	38.401	33.888	7/30/13 8:00	38.084	20.662	34.156	36.241		29.382	36.614
1/6/13 21:20	38.477	38.375	34.052	7/30/13 9:00	38.084	20.664	34.166	36.255		29.403	36.621
1/6/13 21:40	38.458	38.361	33.743	7/30/13 10:00	38.084	20.657	34.187	36.255		29.424	36.640
1/6/13 22:00	38.458	38.364	33.872	7/30/13 11:00	38.084	20.638	34.173	36.255		29.412	36.633
1/6/13 22:20	38.430	38.333	33.691	7/30/13 12:00	38.086	20.638	34.166	36.250		29.405	36.628
1/6/13 22:40	38.405	38.305	33.635	7/30/13 13:00	38.088	20.624	34.170	36.253		29.410	36.628
1/6/13 23:00	38.386	38.286	33.604	7/30/13 14:00	38.093	20.617	34.170	36.253		29.408	36.632
1/6/13 23:20	38.391	38.291	33.762	7/30/13 15:00	38.098	20.599	34.161	36.243		29.403	36.630
1/6/13 23:40	38.372	38.275	33.607	7/30/13 16:00	38.100	20.587	34.156	36.241		29.394	36.625
1/7/13 0:00	38.351	38.251	33.567	7/30/13 17:00	38.102	20.582	34.156	36.241		29.394	36.628
1/7/13 0:20	38.337	38.235	33.541	7/30/13 18:00	38.102	20.571	34.152	36.234		29.389	36.632
1/7/13 0:40	38.328	38.226	33.525	7/30/13 19:00	38.104	20.552	34.147	36.229		29.382	36.630
1/7/13 1:00	38.323	38.219	33.515	7/30/13 20:00	38.100	20.531	34.161	36.218		29.366	36.632
1/7/13 1:20	38.311	38.209	33.504	7/30/13 21:00	38.098	20.531	34.133	36.215		29.366	36.623
1/7/13 1:40	38.302	38.200	33.489	7/30/13 22:00	38.093	20.538	34.133	36.220		29.361	36.616
1/7/13 2:00	38.297	38.193	33.480	7/30/13 23:00	38.091	20.552	34.147	36.234		29.373	36.621
1/7/13 2:20	38.288	38.186	33.473	7/31/13 0:00	38.086	20.561	34.159	36.250		29.394	36.630
1/7/13 2:40	38.276	38.174	33.459	7/31/13 1:00	38.081	20.545	34.156	36.250		29.396	36.632
1/7/13 3:00	38.272	38.167	33.450	7/31/13 2:00	38.081	20.559	34.163	36.255		29.396	36.642
1/7/13 3:20	38.267	38.163	33.440	7/31/13 3:00	38.077	20.543	34.154	36.246		29.389	36.642
1/7/13 3:40	38.262	38.158	33.436	7/31/13 4:00	38.072	20.533	34.149	36.239		29.382	36.642
1/7/13 4:00	38.255	38.153	33.431	7/31/13 5:00	38.070	20.524	34.143	36.239		29.377	36.637
1/7/13 4:20	38.253	38.149	33.424	7/31/13 6:00	38.074	20.573	34.180	36.248		29.382	36.656
1/7/13 4:40	38.248	38.144	33.414	7/31/13 7:00	38.072	20.531	34.166	36.260		29.405	36.661
1/7/13 5:00	38.244	38.139	33.410	7/31/13 8:00	38.072	20.505	34.147	36.243		29.380	36.651
1/7/13 5:20	38.234	38.132	33.403	7/31/13 9:00	38.077	20.515	34.145	36.246		29.382	36.651
1/7/13 5:40	38.234	38.130	33.396	7/31/13 10:00	38.084	20.538	34.184	36.253		29.389	36.665

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/7/13 6:00	38.237	38.132	33.396	7/31/13 11:00	38.093	20.533	34.168	36.255		29.398	36.665
1/7/13 6:20	38.237	38.132	33.398	7/31/13 12:00	38.104	20.526	34.161	36.255		29.398	36.661
1/7/13 6:40	38.234	38.128	33.396	7/31/13 13:00	38.121	20.519	34.182	36.248		29.412	36.677
1/7/13 7:00	38.234	38.130	33.389	7/31/13 14:00	38.135	20.501	34.156	36.241		29.384	36.661
1/7/13 7:20	38.237	38.132	33.393	7/31/13 15:00	38.151	20.482	34.131	36.232		29.368	36.640
1/7/13 7:40	38.241	38.137	33.393	7/31/13 16:00	38.158	20.461	34.110	36.218		29.342	36.623
1/7/13 8:00	38.251	38.146	33.396	7/31/13 17:00	38.156	20.443	34.108	36.201		29.335	36.623
1/7/13 8:20	38.248	38.139	33.391	7/31/13 18:00	38.151	20.426	34.084	36.197		29.309	36.602
1/7/13 8:40	38.265	38.160	33.464	7/31/13 19:00	38.149	20.431	34.080	36.204		29.305	36.597
1/7/13 9:00	38.253	38.149	33.419	7/31/13 20:00	38.144	20.436	34.075	36.204		29.298	36.590
1/7/13 9:20	38.253	38.146	33.407	7/31/13 21:00	38.137	20.433	34.068	36.197		29.286	36.586
1/7/13 9:40	38.251	38.146	33.403	7/31/13 22:00	38.132	20.447	34.091	36.213		29.312	36.604
1/7/13 10:00	38.265	38.160	33.487	7/31/13 23:00	38.125	20.450	34.087	36.220		29.312	36.600
1/7/13 10:20	38.262	38.158	33.433	8/1/13 0:00	38.118	20.447	34.082	36.227		29.312	36.600
1/7/13 10:40	38.255	38.149	33.412	8/1/13 1:00	38.116	20.431	34.073	36.220		29.300	36.593
1/7/13 11:00	38.248	38.144	33.403	8/1/13 2:00	38.109	20.431	34.068	36.222		29.298	36.590
1/7/13 11:20	38.244	38.139	33.396	8/1/13 3:00	38.105	20.419	34.059	36.213		29.281	36.583
1/7/13 11:40	38.244	38.139	33.393	8/1/13 4:00	38.098	20.405	34.045	36.211		29.274	36.576
1/7/13 12:00	38.251	38.146	33.396	8/1/13 5:00	38.095	20.419	34.049	36.208		29.265	36.576
1/7/13 12:20	38.244	38.139	33.393	8/1/13 6:00	38.095	20.422	34.054	36.218		29.274	36.581
1/7/13 12:40	38.237	38.132	33.389	8/1/13 7:00	38.095	20.424	34.059	36.225		29.281	36.586
1/7/13 13:00	38.232	38.128	33.375	8/1/13 8:00	38.098	20.429	34.063	36.225		29.281	36.593
1/7/13 13:20	38.220	38.116	33.360	8/1/13 9:00	38.100	20.417	34.061	36.227		29.281	36.595
1/7/13 13:40	38.216	38.111	33.353	8/1/13 10:00	38.102	20.403	34.068	36.220		29.279	36.614
1/7/13 14:00	38.227	38.125	33.431	8/1/13 11:00	38.109	20.389	34.070	36.213		29.272	36.614
1/7/13 14:20	38.218	38.114	33.368	8/1/13 12:00	38.116	20.377	34.094	36.206		29.270	36.618
1/7/13 14:40	38.211	38.104	33.349	8/1/13 13:00	38.128	20.359	34.252	36.199		29.281	36.647
1/7/13 15:00	38.227	38.125	33.421	8/1/13 14:00	38.137	20.347	34.424	36.197		29.419	36.806
1/7/13 15:20	38.267	38.167	33.635	8/1/13 15:00	38.149	20.335	34.501	36.192		29.482	36.880
1/7/13 15:40	38.332	38.235	34.013	8/1/13 16:00	38.044	20.303	34.229	36.178		29.408	36.785
1/7/13 16:00	38.342	38.240	33.813	8/1/13 17:00	38.053	20.263	34.126	36.159		29.305	36.670
1/7/13 16:20	38.342	38.244	33.729	8/1/13 18:00	38.049	20.247	34.375	36.148		29.375	36.770
1/7/13 16:40	38.330	38.237	33.609	8/1/13 19:00	38.051	20.228	34.450	36.138		29.424	36.838
1/7/13 17:00	38.358	38.263	33.719	8/1/13 20:00	38.051	20.221	34.490	36.138		29.452	36.876

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/7/13 17:20	38.339	38.244	33.656	8/1/13 21:00	38.051	20.216	34.511	36.134		29.485	36.908
1/7/13 17:40	38.356	38.258	33.874	8/1/13 22:00	38.053	20.210	34.359	36.127		29.485	36.876
1/7/13 18:00	38.353	38.258	33.771	8/1/13 23:00	38.053	20.184	34.156	36.129		29.344	36.691
1/7/13 18:20	38.323	38.226	33.560	8/2/13 0:00	38.056	20.200	34.073	36.124		29.260	36.588
1/7/13 18:40	38.349	38.251	33.792	8/2/13 1:00	38.056	20.170	34.024	36.117		29.207	36.546
1/7/13 19:00	38.351	38.258	33.701	8/2/13 2:00	38.060	20.189	33.989	36.134		29.186	36.513
1/7/13 19:20	38.339	38.244	33.602	8/2/13 3:00	38.072	20.277	34.031	36.169		29.202	36.523
1/7/13 19:40	38.325	38.223	33.518	8/2/13 4:00	38.070	20.303	34.098	36.229		29.256	36.609
1/7/13 20:00	38.356	38.247	33.480	8/2/13 5:00	38.063	20.275	34.115	36.236		29.267	36.675
1/7/13 20:20	38.391	38.284	33.520	8/2/13 6:00	38.056	20.223	34.108	36.222		29.260	36.710
1/7/13 20:40	38.367	38.265	33.478	8/2/13 7:00	38.051	20.207	34.066	36.197		29.235	36.684
1/7/13 21:00	38.342	38.237	33.457	8/2/13 8:00	38.051	20.212	34.017	36.183		29.209	36.597
1/7/13 21:20	38.325	38.223	33.445	8/2/13 9:00	38.053	20.191	34.012	36.176		29.176	36.569
1/7/13 21:40	38.321	38.223	33.499	8/2/13 10:00	38.060	20.168	33.958	36.159		29.153	36.525
1/7/13 22:00	38.304	38.202	33.450	8/2/13 11:00	38.072	20.165	33.951	36.155		29.139	36.511
1/7/13 22:20	38.290	38.184	33.576	8/2/13 12:00	38.086	20.172	33.938	36.155		29.132	36.506
1/7/13 22:40	38.290	38.191	33.457	8/2/13 13:00	38.102	20.175	33.919	36.157		29.118	36.485
1/7/13 23:00	38.274	38.172	33.421	8/2/13 14:00	38.116	20.172	33.917	36.157		29.115	36.473
1/7/13 23:20	38.262	38.158	33.405	8/2/13 15:00	38.125	20.165	33.889	36.152		29.092	36.448
1/7/13 23:40	38.253	38.149	33.391	8/2/13 16:00	38.132	20.165	33.870	36.150		29.073	36.427
1/8/13 0:00	38.244	38.139	33.379	8/2/13 17:00	38.139	20.170	33.856	36.150		29.059	36.410
1/8/13 0:20	38.234	38.130	33.370	8/2/13 18:00	38.137	20.165	33.865	36.157		29.064	36.420
1/8/13 0:40	38.230	38.125	33.367	8/2/13 19:00	38.135	20.168	33.858	36.162		29.057	36.415
1/8/13 1:00	38.225	38.123	33.360	8/2/13 20:00	38.132	20.182	33.870	36.169		29.057	36.420
1/8/13 1:20	38.237	38.130	33.492	8/2/13 21:00	38.128	20.191	33.938	36.192		29.083	36.485
1/8/13 1:40	38.223	38.118	33.382	8/2/13 22:00	38.123	20.214	33.965	36.213		29.118	36.555
1/8/13 2:00	38.213	38.109	33.356	8/2/13 23:00	38.121	20.228	33.975	36.220		29.136	36.581
1/8/13 2:20	38.209	38.104	33.344	8/3/13 0:00	38.118	20.254	33.975	36.236		29.160	36.558
1/8/13 2:40	38.204	38.097	33.337	8/3/13 1:00	38.116	20.263	33.998	36.248		29.169	36.576
1/8/13 3:00	38.202	38.095	33.335	8/3/13 2:00	38.109	20.240	33.968	36.227		29.155	36.558
1/8/13 3:20	38.197	38.093	33.330	8/3/13 3:00	38.105	20.258	33.965	36.229		29.148	36.544
1/8/13 3:40	38.197	38.090	33.325	8/3/13 4:00	38.098	20.247	33.949	36.225		29.141	36.523
1/8/13 4:00	38.190	38.088	33.321	8/3/13 5:00	38.093	20.261	33.942	36.229		29.143	36.511
1/8/13 4:20	38.185	38.081	33.314	8/3/13 6:00	38.088	20.277	33.947	36.229		29.141	36.511

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/8/13 4:40	38.181	38.076	33.307	8/3/13 7:00	38.084	20.284	33.949	36.234		29.150	36.513
1/8/13 5:00	38.181	38.076	33.302	8/3/13 8:00	38.081	20.298	33.961	36.239		29.155	36.523
1/8/13 5:20	38.176	38.069	33.297	8/3/13 9:00	38.081	20.312	34.005	36.260		29.174	36.567
1/8/13 5:40	38.167	38.062	33.288	8/3/13 10:00	38.079	20.319	34.019	36.264		29.204	36.616
1/8/13 6:00	38.160	38.055	33.278	8/3/13 11:00	38.077	20.326	34.014	36.262		29.207	36.600
1/8/13 6:20	38.155	38.048	33.267	8/3/13 12:00	38.077	20.333	34.010	36.260		29.204	36.590
1/8/13 6:40	38.153	38.048	33.260	8/3/13 13:00	38.081	20.340	34.033	36.260		29.225	36.600
1/8/13 7:00	38.288	38.261	33.250	8/3/13 14:00	38.088	20.347	34.021	36.264		29.218	36.590
1/8/13 7:20	38.339	38.284	33.257	8/3/13 15:00	38.093	20.333	34.007	36.255		29.211	36.579
1/8/13 7:40	38.302	38.242	33.264	8/3/13 16:00	38.098	20.347	34.005	36.253		29.207	36.572
1/8/13 8:00	38.433	38.487	33.269	8/3/13 17:00	38.093	20.340	34.005	36.253		29.207	36.565
1/8/13 8:20	38.274	38.191	33.283	8/3/13 18:00	38.091	20.333	34.000	36.236		29.197	36.572
1/8/13 8:40	38.232	38.130	33.297	8/3/13 19:00	38.086	20.328	33.986	36.236		29.195	36.562
1/8/13 9:00	38.213	38.111	33.299	8/3/13 20:00	38.081	20.314	33.975	36.222		29.171	36.553
1/8/13 9:20	38.220	38.118	33.377	8/3/13 21:00	38.081	20.354	33.986	36.227		29.176	36.558
1/8/13 9:40	38.216	38.109	33.332	8/3/13 22:00	38.079	20.342	34.014	36.229		29.211	36.588
1/8/13 10:00	38.213	38.109	33.325	8/3/13 23:00	38.079	20.354	34.010	36.236		29.202	36.583
1/8/13 10:20	38.211	38.104	33.323	8/4/13 0:00	38.079	20.363	34.059	36.246		29.209	36.588
1/8/13 10:40	38.234	38.128	33.468	8/4/13 1:00	38.074	20.335	34.005	36.239		29.214	36.588
1/8/13 11:00	38.230	38.123	33.365	8/4/13 2:00	38.072	20.317	33.977	36.211		29.174	36.567
1/8/13 11:20	38.244	38.142	33.461	8/4/13 3:00	38.072	20.349	34.014	36.222		29.200	36.586
1/8/13 11:40	38.463	38.506	33.372	8/4/13 4:00	38.072	20.324	33.982	36.229		29.195	36.565
1/8/13 12:00	38.437	38.450	33.356	8/4/13 5:00	38.072	20.326	33.968	36.215		29.171	36.551
1/8/13 12:20	38.407	38.396	33.358	8/4/13 6:00	38.072	20.317	33.965	36.204		29.150	36.544
1/8/13 12:40	38.283	38.186	33.356	8/4/13 7:00	38.070	20.340	33.970	36.225		29.174	36.548
1/8/13 13:00	38.269	38.167	33.349	8/4/13 8:00	38.067	20.314	33.956	36.206		29.153	36.541
1/8/13 13:20	38.251	38.149	33.344	8/4/13 9:00	38.070	20.319	33.954	36.204		29.146	36.541
1/8/13 13:40	38.241	38.139	33.339	8/4/13 10:00	38.072	20.331	33.989	36.208		29.160	36.565
1/8/13 14:00	38.244	38.153	33.332	8/4/13 11:00	38.079	20.340	33.975	36.215		29.171	36.565
1/8/13 14:20	38.230	38.128	33.325	8/4/13 12:00	38.084	20.328	33.968	36.213		29.167	36.562
1/8/13 14:40	38.223	38.118	33.321	8/4/13 13:00	38.093	20.314	33.979	36.204		29.176	36.574
1/8/13 15:00	38.220	38.111	33.318	8/4/13 14:00	38.095	20.298	33.947	36.192		29.146	36.551
1/8/13 15:20	38.237	38.132	33.398	8/4/13 15:00	38.098	20.293	33.933	36.185		29.125	36.532
1/8/13 15:40	38.265	38.153	33.616	8/4/13 16:00	38.100	20.291	33.949	36.185		29.134	36.534

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/8/13 16:00	38.255	38.151	33.410	8/4/13 17:00	38.105	20.286	33.924	36.178		29.115	36.516
1/8/13 16:20	38.253	38.146	33.407	8/4/13 18:00	38.107	20.275	33.917	36.171		29.104	36.523
1/8/13 16:40	38.290	38.179	33.846	8/4/13 19:00	38.032	20.256	33.900	36.162		29.087	36.511
1/8/13 17:00	38.505	38.490	33.806	8/4/13 20:00	38.037	20.254	33.921	36.155		29.071	36.495
1/8/13 17:20	38.405	38.305	33.989	8/4/13 21:00	38.046	20.263	33.896	36.157		29.076	36.502
1/8/13 17:40	38.477	38.378	34.299	8/4/13 22:00	38.067	20.263	33.884	36.162		29.071	36.490
1/8/13 18:00	38.477	38.382	33.888	8/4/13 23:00	38.079	20.286	33.914	36.176		29.094	36.511
1/8/13 18:20	38.489	38.387	33.973	8/5/13 0:00	38.072	20.289	33.900	36.183		29.087	36.502
1/8/13 18:40	38.505	38.408	33.937	8/5/13 1:00	38.072	20.284	33.886	36.176		29.076	36.495
1/8/13 19:00	38.477	38.380	33.705	8/5/13 2:00	38.063	20.275	33.877	36.178		29.071	36.485
1/8/13 19:20	38.482	38.382	33.740	8/5/13 3:00	38.046	20.265	33.868	36.169		29.057	36.476
1/8/13 19:40	38.461	38.359	33.651	8/5/13 4:00	38.028	20.242	33.875	36.157		29.038	36.473
1/8/13 20:00	38.447	38.345	33.618	8/5/13 5:00	38.016	20.226	33.840	36.148		29.027	36.455
1/8/13 20:20	38.437	38.331	33.600	8/5/13 6:00	38.028	20.216	33.823	36.138		29.006	36.438
1/8/13 20:40	38.433	38.326	33.588	8/5/13 7:00	38.035	20.223	33.819	36.143		29.003	36.429
1/8/13 21:00	38.426	38.322	33.581	8/5/13 8:00	38.032	20.226	33.816	36.145		29.001	36.427
1/8/13 21:20	38.419	38.315	33.574	8/5/13 9:00	38.035	20.221	33.812	36.145		28.994	36.427
1/8/13 21:40	38.421	38.312	33.571	8/5/13 10:00	38.023	20.212	33.809	36.143		28.991	36.429
1/8/13 22:00	38.426	38.319	33.579	8/5/13 11:00	38.028	20.200	33.798	36.138		28.980	36.424
1/8/13 22:20	38.423	38.317	33.579	8/5/13 12:00	38.049	20.207	33.823	36.138		28.998	36.448
1/8/13 22:40	38.423	38.317	33.576	8/5/13 13:00	38.060	20.226	33.821	36.152		28.996	36.443
1/8/13 23:00	38.442	38.338	33.630	8/5/13 14:00	38.053	20.230	34.000	36.159		29.022	36.485
1/8/13 23:20	38.440	38.333	33.607	8/5/13 15:00	38.035	20.219	34.133	36.157		29.127	36.607
1/8/13 23:40	38.435	38.329	33.600	8/5/13 16:00	38.023	20.198	34.166	36.145		29.171	36.663
1/9/13 0:00	38.435	38.329	33.595	8/5/13 17:00	38.025	20.184	34.306	36.138		29.223	36.735
1/9/13 0:20	38.437	38.333	33.597	8/5/13 18:00	38.028	20.188	34.368	36.141		29.286	36.794
1/9/13 0:40	38.437	38.333	33.600	8/5/13 19:00	38.014	20.200	34.403	36.143		29.326	36.831
1/9/13 1:00	38.437	38.331	33.597	8/5/13 20:00	38.004	20.184	34.103	36.134		29.235	36.698
1/9/13 1:20	38.440	38.336	33.604	8/5/13 21:00	37.972	20.158	33.975	36.124		29.136	36.572
1/9/13 1:40	38.442	38.336	33.602	8/5/13 22:00	38.004	20.130	33.900	36.106		29.062	36.504
1/9/13 2:00	38.442	38.336	33.607	8/5/13 23:00	38.056	20.172	33.882	36.122		29.038	36.436
1/9/13 2:20	38.442	38.333	33.604	8/6/13 0:00	38.065	20.228	33.893	36.155		29.050	36.375
1/9/13 2:40	38.437	38.331	33.602	8/6/13 1:00	38.035	20.209	33.933	36.162		29.055	36.448
1/9/13 3:00	38.442	38.336	33.604	8/6/13 2:00	38.042	20.177	33.847	36.138		29.031	36.441

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/9/13 3:20	38.444	38.340	33.611	8/6/13 3:00	38.028	20.172	33.826	36.143		29.010	36.422
1/9/13 3:40	38.454	38.345	33.618	8/6/13 4:00	38.018	20.167	33.805	36.134		28.989	36.403
1/9/13 4:00	38.456	38.350	33.625	8/6/13 5:00	38.018	20.156	33.784	36.127		28.968	36.385
1/9/13 4:20	38.458	38.352	33.630	8/6/13 6:00	38.030	20.167	33.779	36.138		28.954	36.375
1/9/13 4:40	38.461	38.357	33.633	8/6/13 7:00	38.032	20.163	33.770	36.143		28.954	36.373
1/9/13 5:00	38.468	38.361	33.637	8/6/13 8:00	38.051	20.170	33.767	36.145		28.947	36.371
1/9/13 5:20	38.472	38.366	33.647	8/6/13 9:00	38.058	20.191	33.781	36.157		28.954	36.382
1/9/13 5:40	38.465	38.361	33.642	8/6/13 10:00	38.063	20.184	33.802	36.159		28.977	36.406
1/9/13 6:00	38.472	38.364	33.642	8/6/13 11:00	38.086	20.188	33.793	36.162		28.966	36.408
1/9/13 6:20	38.470	38.364	33.642	8/6/13 12:00	38.079	20.214	33.805	36.180		28.982	36.417
1/9/13 6:40	38.472	38.366	33.644	8/6/13 13:00	38.063	20.205	33.816	36.173		28.994	36.436
1/9/13 7:00	38.477	38.368	33.647	8/6/13 14:00	38.035	20.179	33.795	36.162		28.973	36.422
1/9/13 7:20	38.489	38.380	33.656	8/6/13 15:00	38.023	20.163	33.793	36.145		28.966	36.424
1/9/13 7:40	38.493	38.387	33.665	8/6/13 16:00	38.016	20.156	33.805	36.138		28.970	36.438
1/9/13 8:00	38.500	38.394	33.670	8/6/13 17:00	38.016	20.149	33.777	36.131		28.942	36.417
1/9/13 8:20	38.505	38.399	33.679	8/6/13 18:00	38.028	20.144	33.781	36.131		28.952	36.410
1/9/13 8:40	38.514	38.406	33.684	8/6/13 19:00	38.032	20.156	33.763	36.138		28.935	36.387
1/9/13 9:00	38.545	38.436	33.759	8/6/13 20:00	38.035	20.167	33.758	36.141		28.926	36.380
1/9/13 9:20	38.542	38.434	33.733	8/6/13 21:00	38.039	20.158	33.767	36.141		28.945	36.389
1/9/13 9:40	38.545	38.438	33.733	8/6/13 22:00	38.046	20.174	33.758	36.145		28.931	36.382
1/9/13 10:00	38.549	38.443	33.738	8/6/13 23:00	38.070	20.172	33.770	36.148		28.942	36.394
1/9/13 10:20	38.573	38.462	33.968	8/7/13 0:00	38.084	20.193	33.772	36.162		28.947	36.396
1/9/13 10:40	38.572	38.469	33.790	8/7/13 1:00	38.100	20.209	33.779	36.171		28.952	36.401
1/9/13 11:00	38.570	38.466	33.776	8/7/13 2:00	38.077	20.221	33.784	36.180		28.966	36.406
1/9/13 11:20	38.570	38.464	33.769	8/7/13 3:00	38.063	20.200	33.767	36.166		28.947	36.396
1/9/13 11:40	38.568	38.464	33.764	8/7/13 4:00	38.084	20.198	33.763	36.157		28.933	36.392
1/9/13 12:00	38.556	38.455	33.750	8/7/13 5:00	38.095	20.226	33.777	36.169		28.945	36.394
1/9/13 12:20	38.556	38.448	33.743	8/7/13 6:00	38.105	20.235	33.807	36.178		28.956	36.410
1/9/13 12:40	38.554	38.448	33.738	8/7/13 7:00	38.174	20.247	33.798	36.183		28.970	36.413
1/9/13 13:00	38.542	38.436	33.731	8/7/13 8:00	38.165	20.319	33.849	36.227		29.020	36.445
1/9/13 13:20	38.535	38.429	33.719	8/7/13 9:00	38.105	20.286	33.826	36.225		29.024	36.438
1/9/13 13:40	38.545	38.436	33.907	8/7/13 10:00	38.132	20.272	33.823	36.185		28.982	36.450
1/9/13 14:00	38.533	38.429	33.743	8/7/13 11:00	38.132	20.272	33.833	36.204		29.015	36.462
1/9/13 14:20	38.516	38.410	33.710	8/7/13 12:00	38.156	20.298	33.854	36.204		29.017	36.480

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/9/13 14:40	38.530	38.427	33.783	8/7/13 13:00	38.165	20.326	33.889	36.220		29.057	36.511
1/9/13 15:00	38.528	38.420	34.031	8/7/13 14:00	38.165	20.338	33.891	36.227		29.066	36.513
1/9/13 15:20	38.524	38.422	33.764	8/7/13 15:00	38.144	20.333	33.914	36.227		29.085	36.537
1/9/13 15:40	38.510	38.406	33.724	8/7/13 16:00	38.132	20.317	33.917	36.215		29.078	36.546
1/9/13 16:00	38.516	38.410	33.902	8/7/13 17:00	38.114	20.314	33.961	36.208		29.101	36.588
1/9/13 16:20	38.507	38.406	33.736	8/7/13 18:00	38.102	20.300	33.933	36.199		29.094	36.586
1/9/13 16:40	38.500	38.396	33.712	8/7/13 19:00	38.084	20.296	33.926	36.192		29.097	36.569
1/9/13 17:00	38.491	38.385	33.696	8/7/13 20:00	38.088	20.284	33.889	36.178		29.059	36.530
1/9/13 17:20	38.486	38.380	33.687	8/7/13 21:00	38.084	20.305	33.931	36.180		29.052	36.523
1/9/13 17:40	38.498	38.394	33.736	8/7/13 22:00	38.095	20.298	33.886	36.180		29.055	36.511
1/9/13 18:00	38.510	38.406	33.818	8/7/13 23:00	38.095	20.314	33.879	36.183		29.055	36.502
1/9/13 18:20	38.519	38.413	33.991	8/8/13 0:00	38.104	20.319	33.898	36.185		29.066	36.516
1/9/13 18:40	38.554	38.450	34.045	8/8/13 1:00	38.088	20.328	33.891	36.190		29.059	36.509
1/9/13 19:00	38.612	38.518	34.146	8/8/13 2:00	38.084	20.303	33.870	36.178		29.048	36.495
1/9/13 19:20	38.638	38.544	34.233	8/8/13 3:00	38.067	20.296	33.856	36.176		29.038	36.485
1/9/13 19:40	38.654	38.560	34.247	8/8/13 4:00	38.056	20.275	33.835	36.164		29.020	36.469
1/9/13 20:00	38.643	38.553	34.045	8/8/13 5:00	38.067	20.298	33.837	36.157		29.003	36.459
1/9/13 20:20	38.631	38.539	34.052	8/8/13 6:00	38.072	20.303	33.835	36.162		29.006	36.452
1/9/13 20:40	38.619	38.523	34.057	8/8/13 7:00	38.077	20.296	33.828	36.166		29.008	36.443
1/9/13 21:00	38.617	38.516	34.130	8/8/13 8:00	38.079	20.279	33.830	36.169		29.006	36.427
1/9/13 21:20	38.601	38.509	33.937	8/8/13 9:00	38.081	20.284	33.877	36.169		29.008	36.443
1/9/13 21:40	38.575	38.478	33.848	8/8/13 10:00	38.091	20.310	33.849	36.171		29.020	36.469
1/9/13 22:00	38.570	38.464	34.066	8/8/13 11:00	38.102	20.312	33.898	36.176		29.022	36.497
1/9/13 22:20	38.556	38.457	33.827	8/8/13 12:00	38.107	20.321	33.865	36.185		29.045	36.492
1/9/13 22:40	38.538	38.438	33.785	8/8/13 13:00	38.121	20.331	33.875	36.185		29.041	36.497
1/9/13 23:00	38.524	38.424	33.757	8/8/13 14:00	38.100	20.359	33.914	36.201		29.069	36.537
1/9/13 23:20	38.507	38.406	33.733	8/8/13 15:00	38.112	20.347	33.933	36.185		29.092	36.576
1/9/13 23:40	38.493	38.394	33.717	8/8/13 16:00	38.121	20.359	33.958	36.194		29.085	36.574
1/10/13 0:00	38.489	38.385	33.797	8/8/13 17:00	38.114	20.356	33.945	36.199		29.104	36.574
1/10/13 0:20	38.489	38.392	33.736	8/8/13 18:00	38.111	20.359	33.947	36.197		29.106	36.586
1/10/13 0:40	38.475	38.373	33.701	8/8/13 19:00	38.098	20.356	33.951	36.197		29.120	36.586
1/10/13 1:00	38.458	38.357	33.677	8/8/13 20:00	38.102	20.352	34.077	36.185		29.090	36.560
1/10/13 1:20	38.444	38.345	33.661	8/8/13 21:00	38.118	20.359	33.956	36.187		29.127	36.586
1/10/13 1:40	38.437	38.333	33.649	8/8/13 22:00	38.130	20.370	33.942	36.199		29.113	36.560

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/10/13 2:00	38.430	38.326	33.637	8/8/13 23:00	38.121	20.389	33.958	36.204		29.129	36.572
1/10/13 2:20	38.416	38.317	33.626	8/9/13 0:00	38.128	20.380	33.937	36.199		29.115	36.555
1/10/13 2:40	38.402	38.303	33.611	8/9/13 1:00	38.125	20.394	33.935	36.204		29.113	36.553
1/10/13 3:00	38.391	38.291	33.595	8/9/13 2:00	38.112	20.391	33.931	36.201		29.108	36.551
1/10/13 3:20	38.384	38.282	33.583	8/9/13 3:00	38.121	20.387	33.919	36.192		29.094	36.539
1/10/13 3:40	38.370	38.265	33.567	8/9/13 4:00	38.125	20.389	33.933	36.197		29.111	36.551
1/10/13 4:00	38.360	38.256	33.555	8/9/13 5:00	38.102	20.396	33.926	36.199		29.106	36.539
1/10/13 4:20	38.349	38.247	33.546	8/9/13 6:00	38.102	20.375	33.905	36.183		29.085	36.523
1/10/13 4:40	38.339	38.238	33.532	8/9/13 7:00	38.107	20.373	33.900	36.185		29.080	36.516
1/10/13 5:00	38.323	38.221	33.513	8/9/13 8:00	38.118	20.384	33.903	36.187		29.080	36.513
1/10/13 5:20	38.328	38.224	33.618	8/9/13 9:00	38.128	20.408	33.917	36.194		29.090	36.523
1/10/13 5:40	38.311	38.209	33.518	8/9/13 10:00	38.149	20.419	33.998	36.206		29.111	36.567
1/10/13 6:00	38.295	38.195	33.487	8/9/13 11:00	38.158	20.440	33.991	36.218		29.155	36.618
1/10/13 6:20	38.281	38.179	33.464	8/9/13 12:00	38.158	20.449	33.998	36.225		29.167	36.625
1/10/13 6:40	38.267	38.167	33.447	8/9/13 13:00	38.156	20.445	33.996	36.225		29.169	36.623
1/10/13 7:00	38.255	38.153	33.433	8/9/13 14:00	38.144	20.447	34.014	36.222		29.186	36.635
1/10/13 7:20	38.253	38.146	33.419	8/9/13 15:00	38.139	20.436	33.986	36.215		29.167	36.616
1/10/13 7:40	38.251	38.146	33.414	8/9/13 16:00	38.130	20.438	33.979	36.213		29.157	36.604
1/10/13 8:00	38.239	38.137	33.400	8/9/13 17:00	38.123	20.429	33.991	36.206		29.164	36.607
1/10/13 8:20	38.232	38.128	33.393	8/9/13 18:00	38.112	20.433	33.998	36.201		29.174	36.618
1/10/13 8:40	38.220	38.116	33.382	8/9/13 19:00	38.102	20.422	33.972	36.194		29.148	36.590
1/10/13 9:00	38.218	38.114	33.375	8/9/13 20:00	38.109	20.424	34.012	36.190		29.132	36.574
1/10/13 9:20	38.216	38.109	33.372	8/9/13 21:00	38.125	20.436	33.970	36.192		29.146	36.583
1/10/13 9:40	38.211	38.104	33.368	8/9/13 22:00	38.151	20.459	33.975	36.204		29.146	36.579
1/10/13 10:00	38.204	38.100	33.363	8/9/13 23:00	38.167	20.484	33.991	36.218		29.164	36.590
1/10/13 10:20	38.204	38.100	33.358	8/10/13 0:00	38.163	20.496	34.040	36.227		29.178	36.604
1/10/13 10:40	38.202	38.097	33.356	8/10/13 1:00	38.170	20.501	34.012	36.227		29.193	36.618
1/10/13 11:00	38.192	38.090	33.349	8/10/13 2:00	38.160	20.503	34.012	36.232		29.193	36.623
1/10/13 11:20	38.176	38.078	33.330	8/10/13 3:00	38.153	20.498	34.003	36.222		29.188	36.618
1/10/13 11:40	38.176	38.069	33.320	8/10/13 4:00	38.156	20.503	34.005	36.220		29.183	36.618
1/10/13 12:00	38.164	38.064	33.307	8/10/13 5:00	38.139	20.503	34.000	36.222		29.186	36.611
1/10/13 12:20	38.160	38.055	33.295	8/10/13 6:00	38.132	20.489	33.986	36.211		29.171	36.600
1/10/13 12:40	38.165	38.065	33.344	8/10/13 7:00	38.139	20.505	33.984	36.206		29.167	36.595
1/10/13 13:00	38.153	38.048	33.297	8/10/13 8:00	38.156	20.515	33.989	36.211		29.169	36.595

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/10/13 13:20	38.139	38.036	33.276	8/10/13 9:00	38.163	20.524	34.012	36.222		29.195	36.616
1/10/13 13:40	38.132	38.029	33.267	8/10/13 10:00	38.160	20.536	34.010	36.227		29.195	36.614
1/10/13 14:00	38.118	38.013	33.243	8/10/13 11:00	38.158	20.540	34.031	36.227		29.218	36.635
1/10/13 14:20	38.108	38.008	33.234	8/10/13 12:00	38.142	20.538	34.021	36.225		29.209	36.635
1/10/13 14:40	38.102	37.997	33.222	8/10/13 13:00	38.125	20.531	34.031	36.215		29.211	36.651
1/10/13 15:00	38.090	37.990	33.213	8/10/13 14:00	38.114	20.519	34.012	36.204		29.190	36.637
1/10/13 15:20	38.085	37.980	33.201	8/10/13 15:00	38.095	20.512	34.112	36.197		29.183	36.644
1/10/13 15:40	38.080	37.973	33.194	8/10/13 16:00	38.074	20.491	34.010	36.185		29.190	36.640
1/10/13 16:00	38.076	37.971	33.192	8/10/13 17:00	38.060	20.475	34.000	36.169		29.171	36.623
1/10/13 16:20	38.090	37.985	33.339	8/10/13 18:00	38.046	20.466	33.986	36.162		29.162	36.607
1/10/13 16:40	38.080	37.978	33.215	8/10/13 19:00	38.025	20.449	33.958	36.152		29.132	36.586
1/10/13 17:00	38.066	37.964	33.187	8/10/13 20:00	38.018	20.440	33.949	36.138		29.125	36.579
1/10/13 17:20	38.057	37.955	33.170	8/10/13 21:00	38.028	20.431	33.942	36.131		29.097	36.565
1/10/13 17:40	38.050	37.945	33.156	8/10/13 22:00	38.049	20.445	33.924	36.138		29.090	36.546
1/10/13 18:00	38.050	37.943	33.152	8/10/13 23:00	38.074	20.463	33.923	36.152		29.097	36.541
1/10/13 18:20	38.064	37.950	33.447	8/11/13 0:00	38.091	20.482	33.945	36.166		29.118	36.555
1/10/13 18:40	38.064	37.964	33.206	8/11/13 1:00	38.102	20.491	33.945	36.178		29.120	36.558
1/10/13 19:00	38.087	37.980	33.393	8/11/13 2:00	38.098	20.498	33.947	36.183		29.122	36.562
1/10/13 19:20	38.132	38.018	33.783	8/11/13 3:00	38.093	20.489	33.940	36.180		29.120	36.560
1/10/13 19:40	38.195	38.104	33.618	8/11/13 4:00	38.072	20.477	33.928	36.178		29.113	36.555
1/10/13 20:00	38.183	38.088	33.473	8/11/13 5:00	38.060	20.454	33.910	36.164		29.092	36.541
1/10/13 20:20	38.213	38.116	33.658	8/11/13 6:00	38.065	20.452	33.900	36.157		29.078	36.530
1/10/13 20:40	38.199	38.107	33.485	8/11/13 7:00	38.081	20.461	33.914	36.157		29.087	36.537
1/10/13 21:00	38.174	38.071	33.583	8/11/13 8:00	38.077	20.468	33.905	36.166		29.087	36.527
1/10/13 21:20	38.181	38.081	33.588	8/11/13 9:00	38.079	20.468	33.898	36.166		29.078	36.518
1/10/13 21:40	38.174	38.078	33.440	8/11/13 10:00	38.079	20.470	33.945	36.166		29.076	36.518
1/10/13 22:00	38.144	38.048	33.314	8/11/13 11:00	38.091	20.475	33.907	36.166		29.085	36.532
1/10/13 22:20	38.118	38.020	33.260	8/11/13 12:00	38.077	20.480	33.935	36.173		29.099	36.551
1/10/13 22:40	38.101	37.999	33.224	8/11/13 13:00	38.067	20.473	33.979	36.164		29.148	36.600
1/10/13 23:00	38.092	37.987	33.201	8/11/13 14:00	38.049	20.449	33.926	36.159		29.097	36.567
1/10/13 23:20	38.083	37.983	33.192	8/11/13 15:00	38.032	20.438	33.931	36.150		29.073	36.562
1/10/13 23:40	38.069	37.966	33.173	8/11/13 16:00	38.028	20.426	33.889	36.136		29.059	36.537
1/11/13 0:00	38.062	37.962	33.166	8/11/13 17:00	38.023	20.417	33.891	36.131		29.062	36.530
1/11/13 0:20	38.057	37.952	33.152	8/11/13 18:00	38.011	20.410	33.875	36.131		29.041	36.513

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/11/13 0:40	38.055	37.952	33.215	8/11/13 19:00	38.009	20.400	33.868	36.122		29.029	36.513
1/11/13 1:00	38.085	37.999	33.203	8/11/13 20:00	38.007	20.396	33.905	36.120		29.017	36.499
1/11/13 1:20	38.069	37.969	33.168	8/11/13 21:00	38.009	20.391	33.917	36.117		29.045	36.534
1/11/13 1:40	38.085	37.983	33.328	8/11/13 22:00	38.018	20.389	33.856	36.120		29.024	36.497
1/11/13 2:00	38.064	37.969	33.185	8/11/13 23:00	38.042	20.407	33.851	36.127		29.010	36.480
1/11/13 2:20	38.057	37.966	33.149	8/12/13 0:00	38.049	20.414	33.861	36.138		29.034	36.490
1/11/13 2:40	38.038	37.938	33.131	8/12/13 1:00	38.058	20.428	33.856	36.141		29.022	36.480
1/11/13 3:00	38.031	37.934	33.112	8/12/13 2:00	38.056	20.426	33.849	36.148		29.022	36.478
1/11/13 3:20	38.069	38.048	33.091	8/12/13 3:00	38.118	20.435	33.849	36.145		29.015	36.478
1/11/13 3:40	38.025	37.927	33.081	8/12/13 4:00	38.093	20.433	33.914	36.201		29.080	36.546
1/11/13 4:00	38.148	38.022	33.072	8/12/13 5:00	38.070	20.447	33.931	36.192		29.080	36.604
1/11/13 4:20	38.230	38.235	33.058	8/12/13 6:00	38.063	20.428	33.896	36.166		29.062	36.560
1/11/13 4:40	38.113	38.111	33.058	8/12/13 7:00	38.056	20.426	33.875	36.159		29.043	36.523
1/11/13 5:00	38.020	37.929	33.051	8/12/13 8:00	38.067	20.421	33.856	36.152		29.031	36.497
1/11/13 5:20	38.017	37.920	33.135	8/12/13 9:00	38.084	20.442	33.856	36.157		29.024	36.485
1/11/13 5:40	37.990	37.894	33.065	8/12/13 10:00	38.091	20.454	33.868	36.166		29.034	36.483
1/11/13 6:00	37.971	37.873	33.034	8/12/13 11:00	38.093	20.456	33.895	36.171		29.062	36.525
1/11/13 6:20	38.022	37.866	33.016	8/12/13 12:00	38.093	20.466	33.942	36.173		29.059	36.527
1/11/13 6:40	38.001	37.959	32.999	8/12/13 13:00	38.084	20.463	33.898	36.173		29.064	36.534
1/11/13 7:00	38.069	38.093	32.992	8/12/13 14:00	38.072	20.456	33.900	36.166		29.069	36.539
1/11/13 7:20	38.057	37.992	32.988	8/12/13 15:00	38.063	20.442	33.931	36.157		29.050	36.518
1/11/13 7:40	38.008	37.934	32.990	8/12/13 16:00	38.051	20.435	34.035	36.152		29.118	36.611
1/11/13 8:00	38.006	37.959	32.988	8/12/13 17:00	38.039	20.433	33.914	36.145		29.080	36.562
1/11/13 8:20	38.088	37.959	32.988	8/12/13 18:00	38.025	20.417	34.003	36.138		29.064	36.551
1/11/13 8:40	37.969	37.866	32.992	8/12/13 19:00	38.025	20.405	33.889	36.129		29.050	36.527
1/11/13 9:00	37.955	37.849	32.987	8/12/13 20:00	38.039	20.414	33.865	36.129		29.027	36.497
1/11/13 9:20	37.955	37.847	32.990	8/12/13 21:00	38.065	20.433	33.986	36.136		29.099	36.562
1/11/13 9:40	37.952	37.847	32.990	8/12/13 22:00	38.081	20.456	33.917	36.152		29.073	36.532
1/11/13 10:00	37.950	37.847	32.990	8/12/13 23:00	38.102	20.475	33.924	36.162		29.080	36.532
1/11/13 10:20	37.948	37.842	32.988	8/13/13 0:00	38.112	20.482	33.914	36.176		29.078	36.523
1/11/13 10:40	37.950	37.854	32.983	8/13/13 1:00	38.105	20.482	33.905	36.183		29.080	36.516
1/11/13 11:00	38.151	38.104	32.978	8/13/13 2:00	38.105	20.487	33.893	36.178		29.073	36.516
1/11/13 11:20	38.027	37.971	32.983	8/13/13 3:00	38.098	20.480	33.889	36.176		29.064	36.513
1/11/13 11:40	38.085	38.041	32.992	8/13/13 4:00	38.098	20.487	33.907	36.169		29.078	36.530

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/11/13 12:00	38.055	37.927	33.140	8/13/13 5:00	38.077	20.482	33.891	36.171		29.069	36.518
1/11/13 12:20	38.136	38.083	33.030	8/13/13 6:00	38.084	20.468	33.875	36.159		29.050	36.506
1/11/13 12:40	38.088	38.090	33.016	8/13/13 7:00	38.102	20.484	33.882	36.162		29.048	36.502
1/11/13 13:00	38.220	38.102	33.086	8/13/13 8:00	38.116	20.501	33.889	36.173		29.062	36.509
1/11/13 13:20	38.300	38.282	33.356	8/13/13 9:00	38.118	20.508	33.891	36.183		29.071	36.511
1/11/13 13:40	38.183	38.083	33.238	8/13/13 10:00	38.135	20.526	33.928	36.183		29.087	36.534
1/11/13 14:00	38.237	38.111	33.536	8/13/13 11:00	38.142	20.529	33.921	36.197		29.097	36.537
1/11/13 14:20	38.183	38.163	33.510	8/13/13 12:00	38.144	20.545	33.942	36.201		29.101	36.546
1/11/13 14:40	38.414	38.471	33.600	8/13/13 13:00	38.116	20.538	33.956	36.208		29.127	36.581
1/11/13 15:00	38.477	38.541	33.264	8/13/13 14:00	38.112	20.512	33.931	36.187		29.108	36.569
1/11/13 15:20	38.493	38.651	33.314	8/13/13 15:00	38.153	20.524	33.954	36.194		29.099	36.574
1/11/13 15:40	38.232	38.202	33.177	8/13/13 16:00	38.098	20.601	33.975	36.234		29.139	36.509
1/11/13 16:00	38.127	38.039	33.131	8/13/13 17:00	38.093	20.615	33.921	36.190		29.197	36.576
1/11/13 16:20	38.076	37.978	33.095	8/13/13 18:00	38.088	20.522	33.917	36.180		29.106	36.548
1/11/13 16:40	38.038	37.943	33.067	8/13/13 19:00	38.088	20.512	33.926	36.173		29.104	36.551
1/11/13 17:00	38.017	37.915	33.046	8/13/13 20:00	38.091	20.519	33.912	36.171		29.085	36.537
1/11/13 17:20	38.020	37.917	33.126	8/13/13 21:00	38.100	20.529	33.910	36.173		29.083	36.532
1/11/13 17:40	37.999	37.896	33.051	8/13/13 22:00	38.112	20.538	33.938	36.180		29.115	36.551
1/11/13 18:00	38.006	37.901	33.091	8/13/13 23:00	38.125	20.552	33.931	36.185		29.104	36.548
1/11/13 18:20	38.029	37.924	33.161	8/14/13 0:00	38.130	20.552	33.933	36.194		29.113	36.548
1/11/13 18:40	38.062	37.962	33.342	8/14/13 1:00	38.130	20.557	33.930	36.197		29.115	36.551
1/11/13 19:00	38.097	37.983	33.489	8/14/13 2:00	38.128	20.552	33.968	36.197		29.111	36.567
1/11/13 19:20	38.113	38.006	33.222	8/14/13 3:00	38.125	20.557	33.942	36.194		29.120	36.569
1/11/13 19:40	38.123	38.018	33.250	8/14/13 4:00	38.114	20.545	33.935	36.192		29.113	36.567
1/11/13 20:00	38.113	38.006	33.192	8/14/13 5:00	38.107	20.540	33.928	36.185		29.106	36.562
1/11/13 20:20	38.106	37.999	33.173	8/14/13 6:00	38.098	20.526	33.919	36.178		29.092	36.555
1/11/13 20:40	38.104	37.999	33.168	8/14/13 7:00	38.102	20.515	33.912	36.173		29.083	36.551
1/11/13 21:00	38.115	38.006	33.171	8/14/13 8:00	38.123	20.529	33.914	36.178		29.087	36.548
1/11/13 21:20	38.146	38.037	33.203	8/14/13 9:00	38.130	20.543	33.926	36.187		29.097	36.555
1/11/13 21:40	38.160	38.053	33.229	8/14/13 10:00	38.121	20.533	33.926	36.192		29.104	36.555
1/11/13 22:00	38.183	38.074	33.253	8/14/13 11:00	38.118	20.522	33.914	36.187		29.092	36.553
1/11/13 22:20	38.192	38.086	33.267	8/14/13 12:00	38.109	20.517	33.954	36.187		29.092	36.560
1/11/13 22:40	38.206	38.100	33.278	8/14/13 13:00	38.102	20.501	33.921	36.180		29.094	36.560
1/11/13 23:00	38.218	38.107	33.290	8/14/13 14:00	38.081	20.487	33.928	36.176		29.104	36.569

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/11/13 23:20	38.232	38.123	33.302	8/14/13 15:00	38.060	20.461	33.891	36.164		29.069	36.548
1/11/13 23:40	38.255	38.144	33.370	8/14/13 16:00	38.044	20.447	33.919	36.148		29.045	36.544
1/12/13 0:00	38.283	38.174	33.393	8/14/13 17:00	38.030	20.421	33.884	36.141		29.045	36.544
1/12/13 0:20	38.288	38.177	33.377	8/14/13 18:00	38.016	20.407	33.861	36.131		29.027	36.527
1/12/13 0:40	38.297	38.191	33.386	8/14/13 19:00	38.000	20.384	33.833	36.120		28.998	36.506
1/12/13 1:00	38.309	38.198	33.391	8/14/13 20:00	38.007	20.368	33.809	36.110		28.975	36.483
1/12/13 1:20	38.316	38.207	33.398	8/14/13 21:00	38.018	20.372	33.879	36.113		28.987	36.492
1/12/13 1:40	38.325	38.214	33.405	8/14/13 22:00	38.044	20.375	33.828	36.120		28.987	36.490
1/12/13 2:00	38.349	38.242	33.492	8/14/13 23:00	38.058	20.393	33.828	36.136		28.989	36.480
1/12/13 2:20	38.353	38.247	33.459	8/15/13 0:00	38.056	20.391	33.821	36.143		28.991	36.473
1/12/13 2:40	38.353	38.247	33.454	8/15/13 1:00	38.058	20.389	33.819	36.141		28.982	36.473
1/12/13 3:00	38.356	38.247	33.450	8/15/13 2:00	38.060	20.379	33.833	36.143		28.998	36.487
1/12/13 3:20	38.358	38.249	33.452	8/15/13 3:00	38.053	20.366	33.814	36.145		28.982	36.478
1/12/13 3:40	38.360	38.251	33.454	8/15/13 4:00	38.053	20.356	33.802	36.138		28.968	36.469
1/12/13 4:00	38.374	38.265	33.468	8/15/13 5:00	38.042	20.354	33.795	36.141		28.963	36.466
1/12/13 4:20	38.377	38.270	33.475	8/15/13 6:00	38.044	20.345	33.786	36.131		28.947	36.459
1/12/13 4:40	38.379	38.272	33.482	8/15/13 7:00	38.037	20.335	33.777	36.134		28.945	36.452
1/12/13 5:00	38.384	38.277	33.489	8/15/13 8:00	38.063	20.335	33.805	36.127		28.940	36.469
1/12/13 5:20	38.391	38.282	33.494	8/15/13 9:00	38.074	20.351	33.798	36.143		28.952	36.469
1/12/13 5:40	38.388	38.279	33.499	8/15/13 10:00	38.056	20.347	33.793	36.150		28.959	36.464
1/12/13 6:00	38.386	38.279	33.496	8/15/13 11:00	38.051	20.319	33.786	36.141		28.945	36.462
1/12/13 6:20	38.386	38.277	33.496	8/15/13 12:00	38.021	20.300	33.826	36.138		28.933	36.455
1/12/13 6:40	38.395	38.284	33.501	8/15/13 13:00	38.000	20.265	33.753	36.120		28.921	36.450
1/12/13 7:00	38.395	38.289	33.508	8/15/13 14:00	37.993	20.263	33.744	36.106		28.893	36.438
1/12/13 7:20	38.398	38.289	33.510	8/15/13 15:00	37.988	20.242	33.737	36.101		28.896	36.434
1/12/13 7:40	38.400	38.294	33.515	8/15/13 16:00	37.974	20.240	33.716	36.094		28.868	36.413
1/12/13 8:00	38.407	38.301	33.522	8/15/13 17:00	37.969	20.212	33.707	36.087		28.868	36.406
1/12/13 8:20	38.414	38.303	33.522	8/15/13 18:00	37.976	20.202	33.688	36.082		28.835	36.389
1/12/13 8:40	38.430	38.322	33.534	8/15/13 19:00	38.004	20.214	33.861	36.087		28.830	36.403
1/12/13 9:00	38.444	38.333	33.548	8/15/13 20:00	38.046	20.242	33.865	36.120		28.966	36.548
1/12/13 9:20	38.470	38.364	33.748	8/15/13 21:00	38.067	20.268	33.872	36.155		28.977	36.588
1/12/13 9:40	38.475	38.368	33.611	8/15/13 22:00	38.086	20.268	33.826	36.155		28.963	36.534
1/12/13 10:00	38.486	38.382	33.757	8/15/13 23:00	38.095	20.282	33.828	36.162		28.970	36.511
1/12/13 10:20	38.486	38.380	33.635	8/16/13 0:00	38.105	20.279	33.805	36.166		28.956	36.485

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/12/13 10:40	38.486	38.380	33.618	8/16/13 1:00	38.109	20.291	33.819	36.171		28.966	36.490
1/12/13 11:00	38.493	38.387	33.616	8/16/13 2:00	38.114	20.291	33.802	36.173		28.956	36.478
1/12/13 11:20	38.491	38.387	33.618	8/16/13 3:00	38.112	20.289	33.795	36.176		28.954	36.469
1/12/13 11:40	38.519	38.422	33.759	8/16/13 4:00	38.102	20.289	33.788	36.176		28.947	36.466
1/12/13 12:00	38.537	38.438	33.872	8/16/13 5:00	38.100	20.279	33.777	36.169		28.938	36.464
1/12/13 12:20	38.563	38.459	34.052	8/16/13 6:00	38.109	20.277	33.777	36.166		28.933	36.462
1/12/13 12:40	38.554	38.452	33.862	8/16/13 7:00	38.121	20.296	33.786	36.173		28.942	36.469
1/12/13 13:00	38.572	38.469	34.242	8/16/13 8:00	38.130	20.312	33.798	36.180		28.952	36.480
1/12/13 13:20	38.605	38.506	34.041	8/16/13 9:00	38.142	20.314	33.856	36.185		28.961	36.490
1/12/13 13:40	38.570	38.473	33.855	8/16/13 10:00	38.137	20.331	33.830	36.192		28.982	36.511
1/12/13 14:00	38.584	38.483	34.256	8/16/13 11:00	38.137	20.328	33.823	36.190		28.977	36.509
1/12/13 14:20	38.552	38.457	33.825	8/16/13 12:00	38.125	20.321	33.842	36.190		28.998	36.525
1/12/13 14:40	38.526	38.429	33.738	8/16/13 13:00	38.112	20.310	33.837	36.183		28.998	36.525
1/12/13 15:00	38.493	38.394	33.689	8/16/13 14:00	38.100	20.305	33.812	36.173		28.970	36.504
1/12/13 15:20	38.491	38.392	33.743	8/16/13 15:00	38.091	20.289	33.875	36.166		28.975	36.506
1/12/13 15:40	38.475	38.375	33.670	8/16/13 16:00	38.081	20.286	33.823	36.159		28.963	36.499
1/12/13 16:00	38.463	38.359	33.642	8/16/13 17:00	38.079	20.279	33.802	36.157		28.956	36.497
1/12/13 16:20	38.468	38.366	33.691	8/16/13 18:00	38.074	20.279	33.788	36.152		28.942	36.480
1/12/13 16:40	38.505	38.408	33.914	8/16/13 19:00	38.072	20.277	33.786	36.150		28.933	36.478
1/12/13 17:00	38.484	38.378	33.839	8/16/13 20:00	38.077	20.270	33.777	36.148		28.928	36.476
1/12/13 17:20	38.512	38.413	33.923	8/16/13 21:00	38.088	20.282	33.802	36.152		28.942	36.492
1/12/13 17:40	38.505	38.406	33.874	8/16/13 22:00	38.112	20.291	33.793	36.159		28.942	36.487
1/12/13 18:00	38.507	38.408	33.898	8/16/13 23:00	38.118	20.307	33.837	36.173		28.954	36.499
1/12/13 18:20	38.489	38.389	33.731	8/17/13 0:00	38.125	20.314	33.814	36.176		28.966	36.504
1/12/13 18:40	38.500	38.396	33.919	8/17/13 1:00	38.130	20.321	33.870	36.183		28.968	36.506
1/12/13 19:00	38.498	38.399	33.806	8/17/13 2:00	38.130	20.321	33.826	36.183		28.980	36.518
1/12/13 19:20	38.484	38.382	33.712	8/17/13 3:00	38.123	20.312	33.816	36.183		28.975	36.509
1/12/13 19:40	38.479	38.378	33.689	8/17/13 4:00	38.118	20.314	33.812	36.178		28.970	36.506
1/12/13 20:00	38.470	38.366	33.672	8/17/13 5:00	38.114	20.307	33.805	36.176		28.966	36.504
1/12/13 20:20	38.465	38.361	33.658	8/17/13 6:00	38.105	20.307	33.802	36.173		28.961	36.502
1/12/13 20:40	38.454	38.350	33.644	8/17/13 7:00	38.116	20.307	33.805	36.169		28.954	36.504
1/12/13 21:00	38.456	38.347	33.637	8/17/13 8:00	38.116	20.317	33.851	36.176		28.961	36.520
1/12/13 21:20	38.449	38.345	33.633	8/17/13 9:00	38.116	20.312	33.821	36.173		28.975	36.525
1/12/13 21:40	38.444	38.340	33.628	8/17/13 10:00	38.116	20.312	33.816	36.176		28.970	36.525

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/12/13 22:00	38.447	38.340	33.626	8/17/13 11:00	38.109	20.317	33.819	36.176		28.970	36.525
1/12/13 22:20	38.449	38.343	33.698	8/17/13 12:00	38.093	20.312	33.840	36.173		28.989	36.544
1/12/13 22:40	38.472	38.366	33.684	8/17/13 13:00	38.077	20.298	33.814	36.164		28.963	36.530
1/12/13 23:00	38.465	38.361	33.658	8/17/13 14:00	38.056	20.275	33.795	36.155		28.947	36.516
1/12/13 23:20	38.465	38.359	33.649	8/17/13 15:00	38.046	20.254	33.777	36.141		28.926	36.497
1/12/13 23:40	38.463	38.359	33.644	8/17/13 16:00	38.030	20.244	33.763	36.134		28.912	36.480
1/13/13 0:00	38.463	38.359	33.647	8/17/13 17:00	38.030	20.237	33.751	36.127		28.893	36.471
1/13/13 0:20	38.458	38.357	33.639	8/17/13 18:00	38.028	20.242	33.777	36.127		28.891	36.485
1/13/13 0:40	38.463	38.357	33.637	8/17/13 19:00	38.028	20.235	33.749	36.122		28.891	36.469
1/13/13 1:00	38.461	38.357	33.637	8/17/13 20:00	38.032	20.237	33.737	36.122		28.882	36.462
1/13/13 1:20	38.461	38.357	33.640	8/17/13 21:00	38.044	20.228	33.742	36.124		28.875	36.450
1/13/13 1:40	38.456	38.352	33.635	8/17/13 22:00	38.063	20.240	33.746	36.129		28.891	36.464
1/13/13 2:00	38.458	38.352	33.635	8/17/13 23:00	38.072	20.256	33.749	36.141		28.893	36.459
1/13/13 2:20	38.456	38.352	33.633	8/18/13 0:00	38.084	20.258	33.751	36.145		28.893	36.462
1/13/13 2:40	38.449	38.343	33.623	8/18/13 1:00	38.088	20.270	33.751	36.155		28.903	36.464
1/13/13 3:00	38.440	38.336	33.616	8/18/13 2:00	38.093	20.275	33.753	36.155		28.900	36.464
1/13/13 3:20	38.442	38.333	33.614	8/18/13 3:00	38.077	20.265	33.749	36.157		28.903	36.462
1/13/13 3:40	38.449	38.345	33.621	8/18/13 4:00	38.074	20.256	33.740	36.148		28.889	36.455
1/13/13 4:00	38.451	38.347	33.630	8/18/13 5:00	38.072	20.247	33.732	36.145		28.884	36.450
1/13/13 4:20	38.449	38.345	33.630	8/18/13 6:00	38.077	20.251	33.728	36.143		28.877	36.448
1/13/13 4:40	38.444	38.340	33.630	8/18/13 7:00	38.086	20.256	33.735	36.145		28.879	36.450
1/13/13 5:00	38.444	38.338	33.628	8/18/13 8:00	38.093	20.272	33.760	36.150		28.903	36.476
1/13/13 5:20	38.442	38.336	33.621	8/18/13 9:00	38.100	20.268	33.756	36.155		28.900	36.476
1/13/13 5:40	38.435	38.329	33.616	8/18/13 10:00	38.095	20.284	33.758	36.159		28.905	36.480
1/13/13 6:00	38.435	38.329	33.614	8/18/13 11:00	38.091	20.265	33.756	36.157		28.903	36.483
1/13/13 6:20	38.437	38.331	33.616	8/18/13 12:00	38.079	20.263	33.760	36.159		28.903	36.492
1/13/13 6:40	38.437	38.331	33.614	8/18/13 13:00	38.067	20.256	33.772	36.150		28.917	36.504
1/13/13 7:00	38.437	38.331	33.618	8/18/13 14:00	38.046	20.240	33.744	36.141		28.889	36.478
1/13/13 7:20	38.440	38.333	33.621	8/18/13 15:00	38.030	20.221	33.802	36.129		28.865	36.462
1/13/13 7:40	38.444	38.338	33.628	8/18/13 16:00	38.014	20.207	33.730	36.122		28.870	36.471
1/13/13 8:00	38.454	38.352	33.633	8/18/13 17:00	38.007	20.191	33.742	36.110		28.875	36.473
1/13/13 8:20	38.461	38.352	33.637	8/18/13 18:00	37.997	20.177	33.705	36.106		28.842	36.443
1/13/13 8:40	38.461	38.354	33.644	8/18/13 19:00	37.997	20.167	33.735	36.099		28.819	36.420
1/13/13 9:00	38.465	38.357	33.649	8/18/13 20:00	38.009	20.158	33.763	36.096		28.842	36.436

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/13/13 9:20	38.484	38.382	33.701	8/18/13 21:00	38.032	20.184	33.751	36.103		28.856	36.464
1/13/13 9:40	38.484	38.375	33.679	8/18/13 22:00	38.067	20.207	33.774	36.117		28.849	36.445
1/13/13 10:00	38.486	38.380	33.677	8/18/13 23:00	38.074	20.230	33.737	36.138		28.872	36.455
1/13/13 10:20	38.523	38.415	33.909	8/19/13 0:00	38.077	20.233	33.726	36.143		28.865	36.445
1/13/13 10:40	38.528	38.422	33.738	8/19/13 1:00	38.065	20.223	33.716	36.143		28.863	36.441
1/13/13 11:00	38.528	38.422	33.724	8/19/13 2:00	38.060	20.207	33.702	36.136		28.847	36.431
1/13/13 11:20	38.526	38.420	33.717	8/19/13 3:00	38.046	20.209	33.763	36.134		28.840	36.424
1/13/13 11:40	38.547	38.443	33.832	8/19/13 4:00	38.037	20.193	33.695	36.124		28.840	36.427
1/13/13 12:00	38.538	38.434	33.750	8/19/13 5:00	38.023	20.179	33.672	36.117		28.819	36.406
1/13/13 12:20	38.528	38.425	33.729	8/19/13 6:00	38.028	20.170	33.658	36.110		28.800	36.392
1/13/13 12:40	38.519	38.415	33.712	8/19/13 7:00	38.032	20.174	33.656	36.110		28.795	36.385
1/13/13 13:00	38.523	38.415	33.703	8/19/13 8:00	38.042	20.174	33.653	36.115		28.795	36.385
1/13/13 13:20	38.526	38.422	33.745	8/19/13 9:00	38.065	20.188	33.665	36.120		28.800	36.394
1/13/13 13:40	38.521	38.413	33.801	8/19/13 10:00	38.067	20.209	33.677	36.134		28.814	36.408
1/13/13 14:00	38.556	38.459	33.895	8/19/13 11:00	38.070	20.207	33.684	36.136		28.816	36.420
1/13/13 14:20	38.533	38.431	33.764	8/19/13 12:00	38.063	20.207	33.707	36.138		28.842	36.445
1/13/13 14:40	38.608	38.506	34.421	8/19/13 13:00	38.049	20.195	33.695	36.136		28.830	36.443
1/13/13 15:00	38.703	38.609	34.742	8/19/13 14:00	38.032	20.184	33.728	36.127		28.819	36.455
1/13/13 15:20	38.675	38.588	34.181	8/19/13 15:00	38.014	20.165	33.693	36.120		28.816	36.448
1/13/13 15:40	38.654	38.562	34.102	8/19/13 16:00	38.002	20.149	33.698	36.113		28.821	36.462
1/13/13 16:00	38.633	38.537	34.083	8/19/13 17:00	37.990	20.144	33.670	36.103		28.795	36.431
1/13/13 16:20	38.642	38.548	34.167	8/19/13 18:00	37.983	20.125	33.686	36.099		28.776	36.427
1/13/13 16:40	38.605	38.509	33.921	8/19/13 19:00	37.979	20.125	33.700	36.091		28.790	36.441
1/13/13 17:00	38.593	38.502	33.926	8/19/13 20:00	37.988	20.121	33.667	36.087		28.790	36.422
1/13/13 17:20	38.570	38.473	33.848	8/19/13 21:00	37.995	20.128	33.637	36.089		28.767	36.385
1/13/13 17:40	38.591	38.497	34.012	8/19/13 22:00	38.021	20.137	33.649	36.091		28.774	36.389
1/13/13 18:00	38.593	38.497	34.099	8/19/13 23:00	38.037	20.160	33.642	36.108		28.774	36.380
1/13/13 18:20	38.591	38.487	34.224	8/20/13 0:00	38.046	20.170	33.644	36.117		28.776	36.378
1/13/13 18:40	38.596	38.502	33.977	8/20/13 1:00	38.051	20.160	33.677	36.122		28.800	36.401
1/13/13 19:00	38.605	38.506	33.930	8/20/13 2:00	38.049	20.170	33.653	36.122		28.786	36.389
1/13/13 19:20	38.622	38.520	33.973	8/20/13 3:00	38.044	20.165	33.639	36.122		28.779	36.375
1/13/13 19:40	38.605	38.504	33.853	8/20/13 4:00	38.044	20.170	33.628	36.117		28.765	36.366
1/13/13 20:00	38.587	38.485	33.816	8/20/13 5:00	38.049	20.165	33.623	36.117		28.760	36.357
1/13/13 20:20	38.570	38.471	33.797	8/20/13 6:00	38.056	20.165	33.623	36.120		28.762	36.354

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/13/13 20:40	38.582	38.478	33.907	8/20/13 7:00	38.067	20.165	33.623	36.124		28.762	36.354
1/13/13 21:00	38.563	38.462	33.808	8/20/13 8:00	38.074	20.174	33.632	36.129		28.769	36.364
1/13/13 21:20	38.552	38.448	33.783	8/20/13 9:00	38.077	20.179	33.723	36.134		28.776	36.389
1/13/13 21:40	38.547	38.443	33.771	8/20/13 10:00	38.074	20.172	33.670	36.136		28.802	36.408
1/13/13 22:00	38.542	38.436	33.766	8/20/13 11:00	38.072	20.170	33.679	36.136		28.809	36.427
1/13/13 22:20	38.540	38.438	33.764	8/20/13 12:00	38.070	20.163	33.683	36.141		28.804	36.438
1/13/13 22:40	38.538	38.434	33.762	8/20/13 13:00	38.049	20.149	33.716	36.141		28.814	36.469
1/13/13 23:00	38.552	38.448	33.806	8/20/13 14:00	38.030	20.128	33.688	36.131		28.809	36.459
1/13/13 23:20	38.542	38.439	33.778	8/20/13 15:00	38.021	20.116	33.670	36.117		28.790	36.441
1/13/13 23:40	38.540	38.434	33.766	8/20/13 16:00	38.009	20.093	33.737	36.113		28.804	36.450
1/14/13 0:00	38.535	38.431	33.762	8/20/13 17:00	38.002	20.086	33.663	36.106		28.788	36.427
1/14/13 0:20	38.535	38.429	33.755	8/20/13 18:00	38.004	20.072	33.658	36.099		28.779	36.415
1/14/13 0:40	38.535	38.432	33.755	8/20/13 19:00	38.004	20.067	33.658	36.099		28.779	36.401
1/14/13 1:00	38.533	38.429	33.754	8/20/13 20:00	38.016	20.065	33.628	36.096		28.758	36.371
1/14/13 1:20	38.533	38.429	33.752	8/20/13 21:00	38.032	20.072	33.618	36.101		28.751	36.357
1/14/13 1:40	38.533	38.427	33.752	8/20/13 22:00	38.051	20.083	33.623	36.110		28.755	36.359
1/14/13 2:00	38.535	38.427	33.750	8/20/13 23:00	38.063	20.086	33.632	36.122		28.762	36.368
1/14/13 2:20	38.535	38.431	33.750	8/21/13 0:00	38.063	20.095	33.656	36.129		28.788	36.392
1/14/13 2:40	38.533	38.429	33.750	8/21/13 1:00	38.056	20.081	33.653	36.131		28.783	36.396
1/14/13 3:00	38.530	38.427	33.750	8/21/13 2:00	38.058	20.069	33.667	36.124		28.797	36.413
1/14/13 3:20	38.533	38.427	33.750	8/21/13 3:00	38.065	20.074	33.660	36.127		28.786	36.408
1/14/13 3:40	38.533	38.431	33.752	8/21/13 4:00	38.053	20.062	33.649	36.129		28.783	36.389
1/14/13 4:00	38.531	38.427	33.748	8/21/13 5:00	38.056	20.048	33.642	36.124		28.774	36.382
1/14/13 4:20	38.528	38.422	33.748	8/21/13 6:00	38.063	20.046	33.632	36.124		28.769	36.373
1/14/13 4:40	38.524	38.417	33.743	8/21/13 7:00	38.079	20.060	33.635	36.127		28.772	36.368
1/14/13 5:00	38.524	38.417	33.738	8/21/13 8:00	38.086	20.067	33.644	36.136		28.781	36.375
1/14/13 5:20	38.524	38.417	33.738	8/21/13 9:00	38.086	20.062	33.651	36.141		28.788	36.382
1/14/13 5:40	38.521	38.415	33.738	8/21/13 10:00	38.081	20.055	33.704	36.138		28.788	36.389
1/14/13 6:00	38.521	38.415	33.740	8/21/13 11:00	38.070	20.048	33.670	36.138		28.802	36.415
1/14/13 6:20	38.521	38.415	33.738	8/21/13 12:00	38.065	20.039	33.674	36.136		28.797	36.427
1/14/13 6:40	38.521	38.415	33.738	8/21/13 13:00	38.056	20.023	33.802	36.136		28.802	36.452
1/14/13 7:00	38.517	38.413	33.736	8/21/13 14:00	38.044	20.004	33.733	36.134		28.844	36.509
1/14/13 7:20	38.519	38.413	33.736	8/21/13 15:00	38.035	19.988	33.695	36.122		28.816	36.464
1/14/13 7:40	38.524	38.415	33.731	8/21/13 16:00	38.025	19.979	33.760	36.122		28.828	36.485

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/14/13 8:00	38.531	38.427	33.743	8/21/13 17:00	38.028	19.967	33.714	36.120		28.816	36.478
1/14/13 8:20	38.533	38.429	33.750	8/21/13 18:00	38.021	19.958	33.695	36.117		28.809	36.457
1/14/13 8:40	38.538	38.431	33.755	8/21/13 19:00	38.018	19.953	33.751	36.117		28.814	36.455
1/14/13 9:00	38.537	38.434	33.759	8/21/13 20:00	38.023	19.944	33.777	36.110		28.844	36.480
1/14/13 9:20	38.540	38.432	33.766	8/21/13 21:00	38.035	19.939	33.712	36.110		28.833	36.455
1/14/13 9:40	38.542	38.436	33.764	8/21/13 22:00	38.065	19.955	33.688	36.115		28.807	36.420
1/14/13 10:00	38.549	38.441	33.769	8/21/13 23:00	38.051	19.972	33.686	36.131		28.819	36.415
1/14/13 10:20	38.568	38.466	33.853	8/22/13 0:00	38.053	19.946	33.714	36.122		28.800	36.410
1/14/13 10:40	38.563	38.459	33.806	8/22/13 1:00	38.074	19.955	33.681	36.124		28.811	36.417
1/14/13 11:00	38.559	38.452	33.790	8/22/13 2:00	38.063	19.969	33.730	36.136		28.816	36.434
1/14/13 11:20	38.556	38.452	33.783	8/22/13 3:00	38.058	19.948	33.686	36.129		28.821	36.422
1/14/13 11:40	38.554	38.448	33.776	8/22/13 4:00	38.079	19.955	33.672	36.124		28.802	36.406
1/14/13 12:00	38.577	38.469	34.125	8/22/13 5:00	38.081	19.965	33.672	36.138		28.811	36.399
1/14/13 12:20	38.584	38.483	33.916	8/22/13 6:00	38.095	19.972	33.677	36.138		28.809	36.396
1/14/13 12:40	38.591	38.495	33.926	8/22/13 7:00	38.128	20.002	33.695	36.145		28.814	36.406
1/14/13 13:00	38.594	38.495	33.914	8/22/13 8:00	38.130	20.013	33.705	36.171		28.847	36.420
1/14/13 13:20	38.565	38.464	33.829	8/22/13 9:00	38.121	20.030	33.740	36.171		28.854	36.431
1/14/13 13:40	38.549	38.445	33.792	8/22/13 10:00	38.091	20.011	33.725	36.164		28.870	36.452
1/14/13 14:00	38.547	38.448	33.841	8/22/13 11:00	38.077	19.988	33.700	36.145		28.844	36.441
1/14/13 14:20	38.528	38.427	33.771	8/22/13 12:00	38.063	19.992	33.753	36.136		28.884	36.490
1/14/13 14:40	38.517	38.413	33.745	8/22/13 13:00	38.049	19.979	33.756	36.129		28.847	36.473
1/14/13 15:00	38.526	38.422	33.886	8/22/13 14:00	38.042	19.969	33.716	36.120		28.842	36.466
1/14/13 15:20	38.519	38.420	33.794	8/22/13 15:00	38.037	19.972	33.823	36.117		28.828	36.473
1/14/13 15:40	38.516	38.415	33.855	8/22/13 16:00	38.025	19.969	33.770	36.115		28.851	36.487
1/14/13 16:00	38.519	38.420	33.820	8/22/13 17:00	38.018	19.965	33.709	36.108		28.837	36.459
1/14/13 16:20	38.521	38.422	33.837	8/22/13 18:00	38.016	19.958	33.737	36.103		28.814	36.429
1/14/13 16:40	38.498	38.399	33.759	8/22/13 19:00	38.014	19.960	33.707	36.101		28.830	36.436
1/14/13 17:00	38.484	38.382	33.729	8/22/13 20:00	38.025	19.960	33.681	36.101		28.807	36.420
1/14/13 17:20	38.475	38.373	33.710	8/22/13 21:00	38.042	19.986	33.733	36.103		28.800	36.406
1/14/13 17:40	38.470	38.366	33.698	8/22/13 22:00	38.063	20.002	33.707	36.115		28.833	36.429
1/14/13 18:00	38.470	38.364	33.937	8/22/13 23:00	38.077	20.023	33.698	36.127		28.828	36.420
1/14/13 18:20	38.475	38.373	33.740	8/23/13 0:00	38.079	20.032	33.695	36.136		28.835	36.420
1/14/13 18:40	38.463	38.361	33.708	8/23/13 1:00	38.084	20.030	33.728	36.136		28.865	36.450
1/14/13 19:00	38.458	38.357	33.686	8/23/13 2:00	38.086	20.046	33.744	36.138		28.875	36.466

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/14/13 19:20	38.458	38.354	33.684	8/23/13 3:00	38.091	20.046	33.723	36.141		28.858	36.452
1/14/13 19:40	38.461	38.357	33.682	8/23/13 4:00	38.079	20.053	33.716	36.141		28.854	36.441
1/14/13 20:00	38.456	38.352	33.677	8/23/13 5:00	38.072	20.041	33.702	36.134		28.842	36.429
1/14/13 20:20	38.454	38.347	33.672	8/23/13 6:00	38.074	20.041	33.693	36.129		28.833	36.420
1/14/13 20:40	38.454	38.347	33.668	8/23/13 7:00	38.081	20.053	33.693	36.129		28.828	36.413
1/14/13 21:00	38.451	38.345	33.663	8/23/13 8:00	38.079	20.058	33.690	36.134		28.833	36.410
1/14/13 21:20	38.449	38.345	33.663	8/23/13 9:00	38.074	20.060	33.711	36.134		28.854	36.427
1/14/13 21:40	38.451	38.347	33.661	8/23/13 10:00	38.063	20.069	33.695	36.131		28.840	36.422
1/14/13 22:00	38.451	38.345	33.661	8/23/13 11:00	38.053	20.051	33.763	36.122		28.856	36.450
1/14/13 22:20	38.449	38.343	33.658	8/23/13 12:00	38.042	20.044	33.707	36.117		28.842	36.443
1/14/13 22:40	38.454	38.345	33.686	8/23/13 13:00	38.028	20.032	33.726	36.113		28.826	36.438
1/14/13 23:00	38.475	38.371	33.726	8/23/13 14:00	38.018	20.025	33.688	36.103		28.821	36.431
1/14/13 23:20	38.489	38.387	33.766	8/23/13 15:00	38.009	20.027	33.677	36.099		28.804	36.422
1/14/13 23:40	38.510	38.408	33.853	8/23/13 16:00	38.000	20.011	33.744	36.094		28.816	36.441
1/15/13 0:00	38.528	38.425	34.022	8/23/13 17:00	37.986	20.013	33.679	36.087		28.807	36.429
1/15/13 0:20	38.545	38.443	34.045	8/23/13 18:00	37.981	20.009	33.658	36.080		28.781	36.403
1/15/13 0:40	38.545	38.448	33.895	8/23/13 19:00	37.979	20.002	33.718	36.077		28.795	36.443
1/15/13 1:00	38.568	38.471	34.095	8/23/13 20:00	37.976	19.997	33.663	36.075		28.788	36.420
1/15/13 1:20	38.561	38.464	33.952	8/23/13 21:00	37.990	20.004	33.702	36.073		28.790	36.415
1/15/13 1:40	38.552	38.452	34.092	8/23/13 22:00	38.021	20.020	33.670	36.082		28.786	36.406
1/15/13 2:00	38.533	38.436	33.825	8/23/13 23:00	38.042	20.044	33.674	36.101		28.793	36.403
1/15/13 2:20	38.512	38.410	33.769	8/24/13 0:00	38.058	20.058	33.730	36.113		28.802	36.406
1/15/13 2:40	38.512	38.410	33.797	8/24/13 1:00	38.058	20.074	33.705	36.124		28.823	36.434
1/15/13 3:00	38.493	38.394	33.743	8/24/13 2:00	38.065	20.074	33.707	36.129		28.826	36.448
1/15/13 3:20	38.479	38.378	33.715	8/24/13 3:00	38.067	20.079	33.744	36.136		28.854	36.485
1/15/13 3:40	38.468	38.364	33.694	8/24/13 4:00	38.072	20.086	33.739	36.141		28.854	36.490
1/15/13 4:00	38.456	38.354	33.682	8/24/13 5:00	38.077	20.093	33.740	36.143		28.854	36.487
1/15/13 4:20	38.447	38.345	33.668	8/24/13 6:00	38.081	20.107	33.726	36.143		28.851	36.462
1/15/13 4:40	38.442	38.340	33.658	8/24/13 7:00	38.088	20.104	33.712	36.141		28.847	36.441
1/15/13 5:00	38.435	38.331	33.649	8/24/13 8:00	38.098	20.121	33.740	36.145		28.868	36.452
1/15/13 5:20	38.428	38.326	33.642	8/24/13 9:00	38.098	20.128	33.826	36.150		28.863	36.464
1/15/13 5:40	38.423	38.322	33.637	8/24/13 10:00	38.093	20.118	33.798	36.159		28.912	36.525
1/15/13 6:00	38.421	38.317	33.630	8/24/13 11:00	38.095	20.118	33.840	36.162		28.945	36.574
1/15/13 6:20	38.423	38.319	33.633	8/24/13 12:00	38.091	20.128	33.858	36.166		28.928	36.588

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/15/13 6:40	38.419	38.315	33.628	8/24/13 13:00	38.084	20.130	33.861	36.169		28.963	36.616
1/15/13 7:00	38.412	38.310	33.623	8/24/13 14:00	38.070	20.125	33.865	36.164		28.952	36.618
1/15/13 7:20	38.409	38.308	33.616	8/24/13 15:00	38.060	20.121	33.828	36.155		28.940	36.593
1/15/13 7:40	38.414	38.308	33.611	8/24/13 16:00	38.044	20.109	33.823	36.150		28.928	36.579
1/15/13 8:00	38.409	38.305	33.609	8/24/13 17:00	38.032	20.100	33.905	36.145		28.945	36.616
1/15/13 8:20	38.412	38.305	33.609	8/24/13 18:00	38.032	20.093	33.872	36.138		28.949	36.628
1/15/13 8:40	38.407	38.303	33.604	8/24/13 19:00	38.028	20.097	33.833	36.138		28.935	36.595
1/15/13 9:00	38.400	38.296	33.600	8/24/13 20:00	38.037	20.088	33.802	36.131		28.917	36.558
1/15/13 9:20	38.398	38.294	33.597	8/24/13 21:00	38.058	20.109	33.819	36.129		28.903	36.516
1/15/13 9:40	38.416	38.312	33.651	8/24/13 22:00	38.086	20.130	33.833	36.138		28.956	36.548
1/15/13 10:00	38.412	38.308	33.621	8/24/13 23:00	38.100	20.158	33.812	36.155		28.940	36.516
1/15/13 10:20	38.407	38.303	33.614	8/25/13 0:00	38.107	20.167	33.830	36.166		28.961	36.534
1/15/13 10:40	38.402	38.301	33.607	8/25/13 1:00	38.107	20.177	33.816	36.169		28.949	36.523
1/15/13 11:00	38.402	38.298	33.602	8/25/13 2:00	38.114	20.184	33.816	36.171		28.945	36.525
1/15/13 11:20	38.402	38.298	33.597	8/25/13 3:00	38.114	20.193	33.849	36.180		28.973	36.567
1/15/13 11:40	38.400	38.296	33.593	8/25/13 4:00	38.114	20.191	33.842	36.178		28.968	36.565
1/15/13 12:00	38.414	38.312	33.698	8/25/13 5:00	38.118	20.202	33.835	36.178		28.968	36.558
1/15/13 12:20	38.402	38.298	33.616	8/25/13 6:00	38.125	20.214	33.823	36.176		28.966	36.534
1/15/13 12:40	38.398	38.291	33.595	8/25/13 7:00	38.128	20.218	33.819	36.178		28.963	36.527
1/15/13 13:00	38.391	38.286	33.581	8/25/13 8:00	38.137	20.228	33.868	36.180		28.966	36.520
1/15/13 13:20	38.384	38.279	33.567	8/25/13 9:00	38.130	20.244	33.840	36.185		28.980	36.527
1/15/13 13:40	38.374	38.270	33.560	8/25/13 10:00	38.118	20.230	33.891	36.180		29.036	36.583
1/15/13 14:00	38.372	38.265	33.553	8/25/13 11:00	38.109	20.237	33.854	36.173		28.991	36.551
1/15/13 14:20	38.367	38.261	33.560	8/25/13 12:00	38.095	20.235	33.875	36.171		28.987	36.574
1/15/13 14:40	38.377	38.275	33.600	8/25/13 13:00	38.072	20.232	33.847	36.162		28.980	36.565
1/15/13 15:00	38.391	38.284	33.853	8/25/13 14:00	38.060	20.205	33.879	36.148		29.015	36.597
1/15/13 15:20	38.421	38.319	33.984	8/25/13 15:00	38.049	20.198	33.870	36.141		28.970	36.581
1/15/13 15:40	38.489	38.389	34.329	8/25/13 16:00	38.032	20.191	33.826	36.131		28.961	36.548
1/15/13 16:00	38.568	38.473	34.618	8/25/13 17:00	38.025	20.186	33.865	36.122		28.935	36.541
1/15/13 16:20	38.589	38.502	34.444	8/25/13 18:00	38.025	20.181	33.842	36.115		28.940	36.548
1/15/13 16:40	38.551	38.462	34.130	8/25/13 19:00	38.028	20.188	33.912	36.113		28.968	36.558
1/15/13 17:00	38.524	38.431	33.926	8/25/13 20:00	38.030	20.193	33.842	36.113		28.949	36.532
1/15/13 17:20	38.482	38.387	33.783	8/25/13 21:00	38.051	20.198	34.091	36.115		29.038	36.635
1/15/13 17:40	38.468	38.373	33.773	8/25/13 22:00	38.072	20.218	34.019	36.127		29.132	36.700

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/15/13 18:00	38.465	38.366	33.844	8/25/13 23:00	38.091	20.237	33.916	36.141		29.038	36.607
1/15/13 18:20	38.484	38.389	33.895	8/26/13 0:00	38.091	20.249	33.926	36.152		29.017	36.572
1/15/13 18:40	38.451	38.350	33.841	8/26/13 1:00	38.088	20.251	33.872	36.152		29.013	36.558
1/15/13 19:00	38.470	38.378	33.869	8/26/13 2:00	38.088	20.251	33.891	36.152		29.020	36.576
1/15/13 19:20	38.456	38.361	33.787	8/26/13 3:00	38.093	20.260	33.875	36.155		29.001	36.565
1/15/13 19:40	38.428	38.329	33.696	8/26/13 4:00	38.088	20.263	33.870	36.155		29.010	36.565
1/15/13 20:00	38.414	38.315	33.654	8/26/13 5:00	38.081	20.260	33.844	36.150		28.994	36.539
1/15/13 20:20	38.402	38.303	33.628	8/26/13 6:00	38.079	20.260	33.830	36.145		28.977	36.527
1/15/13 20:40	38.395	38.296	33.611	8/26/13 7:00	38.081	20.258	33.821	36.143		28.968	36.516
1/15/13 21:00	38.381	38.282	33.593	8/26/13 8:00	38.077	20.274	33.814	36.143		28.963	36.506
1/15/13 21:20	38.388	38.289	33.663	8/26/13 9:00	38.072	20.274	33.800	36.141		28.956	36.492
1/15/13 21:40	38.374	38.272	33.593	8/26/13 10:00	38.067	20.270	33.914	36.134		28.945	36.511
1/15/13 22:00	38.358	38.258	33.567	8/26/13 11:00	38.063	20.270	33.910	36.136		28.989	36.558
1/15/13 22:20	38.349	38.247	33.546	8/26/13 12:00	38.056	20.263	33.868	36.141		28.989	36.581
1/15/13 22:40	38.344	38.242	33.536	8/26/13 13:00	38.044	20.263	33.989	36.145		29.083	36.703
1/15/13 23:00	38.335	38.230	33.525	8/26/13 14:00	38.023	20.249	33.938	36.136		29.036	36.668
1/15/13 23:20	38.325	38.223	33.515	8/26/13 15:00	38.011	20.237	33.886	36.120		28.999	36.625
1/15/13 23:40	38.330	38.226	33.513	8/26/13 16:00	37.995	20.225	33.984	36.115		28.975	36.602
1/16/13 0:00	38.321	38.219	33.504	8/26/13 17:00	37.990	20.218	33.888	36.103		29.001	36.623
1/16/13 0:20	38.311	38.209	33.497	8/26/13 18:00	37.988	20.214	33.863	36.099		28.980	36.595
1/16/13 0:40	38.309	38.205	33.489	8/26/13 19:00	37.990	20.209	33.856	36.099		28.970	36.569
1/16/13 1:00	38.309	38.202	33.482	8/26/13 20:00	38.000	20.216	33.891	36.094		28.968	36.551
1/16/13 1:20	38.302	38.200	33.478	8/26/13 21:00	38.009	20.223	33.809	36.094		28.945	36.511
1/16/13 1:40	38.297	38.193	33.468	8/26/13 22:00	38.014	20.228	33.849	36.099		28.921	36.476
1/16/13 2:00	38.290	38.186	33.461	8/26/13 23:00	38.016	20.235	33.779	36.101		28.924	36.469
1/16/13 2:20	38.286	38.179	33.459	8/27/13 0:00	38.023	20.232	33.802	36.101		28.903	36.462
1/16/13 2:40	38.283	38.179	33.450	8/27/13 1:00	38.025	20.242	33.767	36.103		28.907	36.459
1/16/13 3:00	38.276	38.170	33.440	8/27/13 2:00	38.032	20.237	33.753	36.108		28.898	36.452
1/16/13 3:20	38.274	38.170	33.438	8/27/13 3:00	38.030	20.244	33.774	36.110		28.917	36.471
1/16/13 3:40	38.269	38.163	33.433	8/27/13 4:00	38.039	20.249	33.760	36.110		28.900	36.459
1/16/13 4:00	38.267	38.163	33.429	8/27/13 5:00	38.042	20.258	33.753	36.113		28.898	36.452
1/16/13 4:20	38.265	38.163	33.426	8/27/13 6:00	38.042	20.253	33.744	36.113		28.891	36.441
1/16/13 4:40	38.262	38.158	33.421	8/27/13 7:00	38.053	20.256	33.737	36.113		28.884	36.434
1/16/13 5:00	38.255	38.151	33.414	8/27/13 8:00	38.051	20.263	33.758	36.120		28.907	36.450

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/16/13 5:20	38.251	38.146	33.405	8/27/13 9:00	38.053	20.260	33.742	36.120		28.891	36.436
1/16/13 5:40	38.244	38.139	33.398	8/27/13 10:00	38.042	20.267	33.872	36.117		28.884	36.459
1/16/13 6:00	38.239	38.135	33.391	8/27/13 11:00	38.044	20.258	33.826	36.115		28.926	36.506
1/16/13 6:20	38.237	38.130	33.384	8/27/13 12:00	38.044	20.270	33.821	36.115		28.919	36.506
1/16/13 6:40	38.230	38.125	33.382	8/27/13 13:00	38.023	20.258	33.795	36.120		28.919	36.509
1/16/13 7:00	38.234	38.130	33.382	8/27/13 14:00	38.009	20.244	33.872	36.108		28.917	36.527
1/16/13 7:20	38.232	38.128	33.382	8/27/13 15:00	38.004	20.239	33.795	36.096		28.914	36.525
1/16/13 7:40	38.237	38.132	33.379	8/27/13 16:00	37.993	20.228	33.802	36.099		28.921	36.527
1/16/13 8:00	38.237	38.132	33.377	8/27/13 17:00	37.990	20.218	33.821	36.087		28.905	36.525
1/16/13 8:20	38.239	38.130	33.374	8/27/13 18:00	37.993	20.218	33.767	36.087		28.896	36.497
1/16/13 8:40	38.241	38.135	33.377	8/27/13 19:00	37.990	20.218	33.837	36.084		28.896	36.487
1/16/13 9:00	38.244	38.137	33.384	8/27/13 20:00	37.997	20.216	33.751	36.080		28.884	36.464
1/16/13 9:20	38.241	38.137	33.382	8/27/13 21:00	38.009	20.216	33.975	36.082		28.870	36.466
1/16/13 9:40	38.244	38.137	33.384	8/27/13 22:00	38.023	20.232	34.063	36.091		29.029	36.630
1/16/13 10:00	38.251	38.144	33.391	8/27/13 23:00	38.028	20.235	34.143	36.101		29.080	36.682
1/16/13 10:20	38.267	38.160	33.588	8/28/13 0:00	38.042	20.251	33.909	36.103		29.027	36.602
1/16/13 10:40	38.267	38.163	33.436	8/28/13 1:00	38.049	20.263	33.849	36.110		28.975	36.525
1/16/13 11:00	38.267	38.160	33.419	8/28/13 2:00	38.053	20.265	33.833	36.115		28.970	36.506
1/16/13 11:20	38.265	38.160	33.412	8/28/13 3:00	38.051	20.270	33.802	36.120		28.947	36.478
1/16/13 11:40	38.267	38.160	33.410	8/28/13 4:00	38.053	20.263	33.781	36.115		28.931	36.459
1/16/13 12:00	38.272	38.167	33.412	8/28/13 5:00	38.053	20.277	33.772	36.117		28.919	36.450
1/16/13 12:20	38.267	38.160	33.410	8/28/13 6:00	38.056	20.270	33.802	36.115		28.914	36.452
1/16/13 12:40	38.265	38.160	33.405	8/28/13 7:00	38.063	20.277	33.770	36.117		28.917	36.448
1/16/13 13:00	38.286	38.184	33.499	8/28/13 8:00	38.067	20.286	33.763	36.122		28.912	36.441
1/16/13 13:20	38.372	38.272	33.970	8/28/13 9:00	38.074	20.300	33.760	36.124		28.907	36.438
1/16/13 13:40	38.342	38.242	33.590	8/28/13 10:00	38.084	20.309	33.914	36.131		28.910	36.459
1/16/13 14:00	38.360	38.258	33.804	8/28/13 11:00	38.086	20.312	34.128	36.138		29.104	36.665
1/16/13 14:20	38.465	38.368	34.343	8/28/13 12:00	38.079	20.314	34.194	36.141		29.136	36.712
1/16/13 14:40	38.437	38.345	33.820	8/28/13 13:00	38.072	20.321	34.231	36.136		29.174	36.759
1/16/13 15:00	38.395	38.301	33.654	8/28/13 14:00	38.051	20.312	34.252	36.134		29.202	36.782
1/16/13 15:20	38.409	38.315	33.759	8/28/13 15:00	38.039	20.295	34.317	36.120		29.218	36.806
1/16/13 15:40	38.423	38.331	33.846	8/28/13 16:00	38.023	20.281	34.291	36.110		29.239	36.813
1/16/13 16:00	38.409	38.308	33.834	8/28/13 17:00	38.011	20.279	34.306	36.099		29.230	36.806
1/16/13 16:20	38.381	38.284	33.621	8/28/13 18:00	38.014	20.274	34.285	36.091		29.242	36.806

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/16/13 16:40	38.379	38.282	33.656	8/28/13 19:00	38.018	20.274	34.291	36.094		29.244	36.806
1/16/13 17:00	38.414	38.315	33.987	8/28/13 20:00	38.030	20.279	34.352	36.099		29.291	36.845
1/16/13 17:20	38.423	38.326	33.769	8/28/13 21:00	38.039	20.295	34.170	36.108		29.281	36.794
1/16/13 17:40	38.456	38.361	33.907	8/28/13 22:00	38.044	20.305	34.096	36.110		29.162	36.661
1/16/13 18:00	38.461	38.366	33.846	8/28/13 23:00	38.049	20.316	34.003	36.115		29.143	36.621
1/16/13 18:20	38.449	38.354	33.766	8/29/13 0:00	38.051	20.319	33.942	36.117		29.094	36.560
1/16/13 18:40	38.440	38.343	33.769	8/29/13 1:00	38.051	20.319	33.923	36.115		29.076	36.539
1/16/13 19:00	38.447	38.347	33.783	8/29/13 2:00	38.042	20.321	33.886	36.115		29.045	36.509
1/16/13 19:20	38.451	38.347	33.654	8/29/13 3:00	38.030	20.312	33.861	36.108		29.020	36.487
1/16/13 19:40	38.461	38.357	33.621	8/29/13 4:00	38.032	20.312	33.893	36.099		29.045	36.527
1/16/13 20:00	38.489	38.382	33.801	8/29/13 5:00	38.021	20.309	33.849	36.099		29.006	36.490
1/16/13 20:20	38.493	38.389	33.647	8/29/13 6:00	38.032	20.307	33.861	36.091		28.982	36.480
1/16/13 20:40	38.482	38.378	33.621	8/29/13 7:00	38.039	20.309	33.826	36.099		28.982	36.469
1/16/13 21:00	38.465	38.364	33.611	8/29/13 8:00	38.049	20.326	33.816	36.106		28.973	36.459
1/16/13 21:20	38.456	38.352	33.604	8/29/13 9:00	38.049	20.330	33.812	36.110		28.970	36.452
1/16/13 21:40	38.449	38.345	33.604	8/29/13 10:00	38.049	20.335	33.837	36.110		28.961	36.462
1/16/13 22:00	38.442	38.338	33.600	8/29/13 11:00	38.049	20.330	33.802	36.108		28.963	36.457
1/16/13 22:20	38.442	38.338	33.600	8/29/13 12:00	38.042	20.328	33.965	36.108		28.973	36.487
1/16/13 22:40	38.435	38.331	33.597	8/29/13 13:00	38.030	20.326	33.851	36.101		29.010	36.511
1/16/13 23:00	38.433	38.329	33.597	8/29/13 14:00	38.009	20.312	33.826	36.094		28.982	36.485
1/16/13 23:20	38.437	38.331	33.597	8/29/13 15:00	37.997	20.307	33.835	36.080		28.940	36.457
1/16/13 23:40	38.437	38.331	33.602	8/29/13 16:00	37.986	20.291	33.802	36.073		28.952	36.466
1/17/13 0:00	38.440	38.333	33.609	8/29/13 17:00	37.974	20.288	33.805	36.063		28.912	36.452
1/17/13 0:20	38.440	38.336	33.614	8/29/13 18:00	37.974	20.281	33.851	36.054		28.903	36.445
1/17/13 0:40	38.447	38.340	33.616	8/29/13 19:00	37.979	20.274	33.763	36.054		28.907	36.438
1/17/13 1:00	38.449	38.343	33.621	8/29/13 20:00	37.990	20.284	33.756	36.056		28.900	36.427
1/17/13 1:20	38.454	38.347	33.628	8/29/13 21:00	38.002	20.298	33.765	36.063		28.905	36.424
1/17/13 1:40	38.461	38.354	33.637	8/29/13 22:00	38.014	20.302	33.816	36.070		28.912	36.431
1/17/13 2:00	38.470	38.364	33.647	8/29/13 23:00	38.018	20.319	33.767	36.082		28.914	36.431
1/17/13 2:20	38.477	38.371	33.654	8/30/13 0:00	38.025	20.305	33.788	36.084		28.900	36.420
1/17/13 2:40	38.484	38.378	33.663	8/30/13 1:00	38.030	20.316	33.751	36.087		28.903	36.417
1/17/13 3:00	38.484	38.375	33.665	8/30/13 2:00	38.037	20.314	33.739	36.091		28.898	36.406
1/17/13 3:20	38.489	38.380	33.670	8/30/13 3:00	38.032	20.330	33.800	36.096		28.924	36.448
1/17/13 3:40	38.496	38.389	33.672	8/30/13 4:00	38.025	20.333	33.777	36.094		28.926	36.443

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/17/13 4:00	38.498	38.392	33.677	8/30/13 5:00	38.025	20.326	33.751	36.087		28.900	36.422
1/17/13 4:20	38.500	38.394	33.684	8/30/13 6:00	38.025	20.333	33.742	36.084		28.891	36.410
1/17/13 4:40	38.505	38.396	33.687	8/30/13 7:00	38.037	20.335	33.735	36.087		28.886	36.406
1/17/13 5:00	38.507	38.399	33.689	8/30/13 8:00	38.049	20.347	33.739	36.096		28.889	36.408
1/17/13 5:20	38.512	38.406	33.694	8/30/13 9:00	38.060	20.368	33.781	36.101		28.896	36.424
1/17/13 5:40	38.514	38.406	33.696	8/30/13 10:00	38.056	20.368	33.781	36.113		28.933	36.450
1/17/13 6:00	38.516	38.410	33.701	8/30/13 11:00	38.046	20.368	33.842	36.108		28.954	36.483
1/17/13 6:20	38.517	38.410	33.703	8/30/13 12:00	38.032	20.361	33.779	36.103		28.931	36.457
1/17/13 6:40	38.519	38.413	33.703	8/30/13 13:00	38.014	20.351	33.767	36.089		28.924	36.448
1/17/13 7:00	38.519	38.413	33.703	8/30/13 14:00	37.997	20.337	33.991	36.075		28.966	36.518
1/17/13 7:20	38.521	38.413	33.705	8/30/13 15:00	37.988	20.326	34.073	36.068		29.045	36.611
1/17/13 7:40	38.528	38.420	33.708	8/30/13 16:00	37.972	20.309	34.103	36.056		29.076	36.651
1/17/13 8:00	38.528	38.422	33.710	8/30/13 17:00	37.960	20.307	34.168	36.047		29.099	36.675
1/17/13 8:20	38.530	38.424	33.712	8/30/13 18:00	37.951	20.302	34.182	36.040		29.129	36.700
1/17/13 8:40	38.533	38.427	33.715	8/30/13 19:00	37.948	20.298	34.166	36.031		29.122	36.693
1/17/13 9:00	38.535	38.427	33.717	8/30/13 20:00	37.946	20.295	34.166	36.031		29.129	36.689
1/17/13 9:20	38.535	38.429	33.722	8/30/13 21:00	37.965	20.295	34.180	36.028		29.129	36.686
1/17/13 9:40	38.540	38.434	33.729	8/30/13 22:00	37.988	20.316	34.243	36.042		29.202	36.742
1/17/13 10:00	38.545	38.436	33.736	8/30/13 23:00	38.004	20.328	34.224	36.061		29.197	36.733
1/17/13 10:20	38.554	38.445	33.743	8/31/13 0:00	38.009	20.333	34.219	36.075		29.209	36.724
1/17/13 10:40	38.558	38.453	33.750	8/31/13 1:00	38.014	20.340	34.229	36.077		29.214	36.724
1/17/13 11:00	38.561	38.455	33.757	8/31/13 2:00	38.028	20.347	34.245	36.082		29.221	36.726
1/17/13 11:20	38.575	38.466	33.987	8/31/13 3:00	38.032	20.351	34.264	36.096		29.244	36.735
1/17/13 11:40	38.582	38.478	33.808	8/31/13 4:00	38.051	20.354	34.271	36.096		29.253	36.745
1/17/13 12:00	38.601	38.499	33.898	8/31/13 5:00	38.063	20.396	34.310	36.115		29.270	36.768
1/17/13 12:20	38.615	38.511	34.020	8/31/13 6:00	38.039	20.389	34.343	36.131		29.300	36.801
1/17/13 12:40	38.624	38.520	34.069	8/31/13 7:00	38.002	20.368	34.331	36.110		29.305	36.817
1/17/13 13:00	38.687	38.586	34.451	8/31/13 8:00	38.011	20.347	34.303	36.075		29.272	36.782
1/17/13 13:20	38.701	38.604	34.228	8/31/13 9:00	38.014	20.363	34.289	36.084		29.274	36.770
1/17/13 13:40	38.747	38.658	34.423	8/31/13 10:00	38.021	20.370	34.289	36.087		29.281	36.763
1/17/13 14:00	38.731	38.637	34.444	8/31/13 11:00	38.021	20.372	34.427	36.091		29.368	36.850
1/17/13 14:20	38.692	38.597	34.066	8/31/13 12:00	38.021	20.375	34.373	36.096		29.344	36.843
1/17/13 14:40	38.677	38.586	34.066	8/31/13 13:00	38.021	20.384	34.375	36.101		29.337	36.831
1/17/13 15:00	38.687	38.590	34.202	8/31/13 14:00	38.009	20.372	34.333	36.099		29.344	36.817

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/17/13 15:20	38.640	38.546	33.959	8/31/13 15:00	37.997	20.370	34.168	36.091		29.239	36.693
1/17/13 15:40	38.610	38.513	33.886	8/31/13 16:00	37.979	20.358	34.049	36.075		29.200	36.630
1/17/13 16:00	38.612	38.516	33.923	8/31/13 17:00	37.958	20.349	33.993	36.059		29.146	36.567
1/17/13 16:20	38.610	38.513	33.935	8/31/13 18:00	37.951	20.328	33.935	36.040		29.073	36.497
1/17/13 16:40	38.584	38.485	33.853	8/31/13 19:00	37.948	20.330	33.937	36.033		29.043	36.469
1/17/13 17:00	38.582	38.483	33.881	8/31/13 20:00	37.953	20.328	33.854	36.028		29.017	36.448
1/17/13 17:20	38.577	38.471	34.078	8/31/13 21:00	37.976	20.340	33.965	36.031		28.989	36.434
1/17/13 17:40	38.566	38.466	33.844	8/31/13 22:00	37.995	20.365	33.879	36.052		29.034	36.473
1/17/13 18:00	38.580	38.480	33.907	8/31/13 23:00	37.986	20.358	33.837	36.066		29.010	36.438
1/17/13 18:20	38.587	38.485	34.001	9/1/13 0:00	38.000	20.358	33.840	36.056		28.984	36.431
1/17/13 18:40	38.582	38.478	34.099	9/1/13 1:00	37.990	20.377	33.816	36.068		28.980	36.417
1/17/13 19:00	38.575	38.476	33.888	9/1/13 2:00	37.990	20.368	33.786	36.059		28.956	36.394
1/17/13 19:20	38.554	38.452	33.825	9/1/13 3:00	37.997	20.356	33.791	36.059		28.942	36.375
1/17/13 19:40	38.538	38.436	33.792	9/1/13 4:00	38.051	20.421	33.856	36.063		28.949	36.413
1/17/13 20:00	38.542	38.443	33.865	9/1/13 5:00	38.088	20.428	33.856	36.122		28.996	36.464
1/17/13 20:20	38.528	38.427	33.787	9/1/13 6:00	38.025	20.435	33.879	36.152		29.027	36.502
1/17/13 20:40	38.514	38.413	33.757	9/1/13 7:00	38.058	20.410	33.865	36.108		29.001	36.527
1/17/13 21:00	38.503	38.401	33.740	9/1/13 8:00	38.091	20.449	33.902	36.134		29.017	36.539
1/17/13 21:20	38.496	38.394	33.724	9/1/13 9:00	38.102	20.489	33.958	36.173		29.055	36.607
1/17/13 21:40	38.489	38.385	33.712	9/1/13 10:00	38.125	20.498	34.140	36.185		29.141	36.714
1/17/13 22:00	38.482	38.378	33.703	9/1/13 11:00	38.144	20.512	34.059	36.206		29.169	36.721
1/17/13 22:20	38.482	38.375	33.693	9/1/13 12:00	38.144	20.538	34.045	36.220		29.167	36.698
1/17/13 22:40	38.482	38.375	33.687	9/1/13 13:00	38.135	20.540	34.047	36.225		29.169	36.698
1/17/13 23:00	38.477	38.373	33.682	9/1/13 14:00	38.114	20.542	34.378	36.220		29.258	36.817
1/17/13 23:20	38.470	38.364	33.672	9/1/13 15:00	38.100	20.531	34.368	36.199		29.344	36.906
1/17/13 23:40	38.458	38.354	33.663	9/1/13 16:00	38.086	20.524	34.431	36.187		29.366	36.922
1/18/13 0:00	38.451	38.347	33.658	9/1/13 17:00	38.084	20.526	34.438	36.176		29.387	36.927
1/18/13 0:20	38.447	38.343	33.651	9/1/13 18:00	38.072	20.528	34.445	36.176		29.408	36.932
1/18/13 0:40	38.442	38.336	33.644	9/1/13 19:00	38.077	20.521	34.457	36.166		29.412	36.930
1/18/13 1:00	38.433	38.329	33.637	9/1/13 20:00	38.079	20.535	34.448	36.164		29.431	36.925
1/18/13 1:20	38.428	38.322	33.630	9/1/13 21:00	38.098	20.559	34.536	36.162		29.466	36.948
1/18/13 1:40	38.419	38.315	33.623	9/1/13 22:00	38.114	20.575	34.494	36.178		29.480	36.934
1/18/13 2:00	38.416	38.312	33.616	9/1/13 23:00	38.121	20.594	34.494	36.190		29.492	36.925
1/18/13 2:20	38.412	38.308	33.609	9/2/13 0:00	38.125	20.605	34.497	36.194		29.501	36.925

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/18/13 2:40	38.407	38.301	33.604	9/2/13 1:00	38.123	20.610	34.503	36.197		29.508	36.922
1/18/13 3:00	38.400	38.296	33.597	9/2/13 2:00	38.121	20.615	34.534	36.194		29.515	36.925
1/18/13 3:20	38.398	38.294	33.593	9/2/13 3:00	38.114	20.617	34.510	36.190		29.529	36.930
1/18/13 3:40	38.393	38.291	33.588	9/2/13 4:00	38.112	20.617	34.510	36.185		29.529	36.922
1/18/13 4:00	38.386	38.284	33.581	9/2/13 5:00	38.109	20.622	34.510	36.180		29.531	36.918
1/18/13 4:20	38.379	38.275	33.572	9/2/13 6:00	38.114	20.629	34.517	36.180		29.536	36.922
1/18/13 4:40	38.372	38.268	33.565	9/2/13 7:00	38.114	20.638	34.529	36.183		29.546	36.925
1/18/13 5:00	38.367	38.263	33.550	9/2/13 8:00	38.125	20.650	34.541	36.183		29.555	36.934
1/18/13 5:20	38.358	38.254	33.541	9/2/13 9:00	38.130	20.668	34.389	36.192		29.492	36.841
1/18/13 5:40	38.351	38.247	33.532	9/2/13 10:00	38.137	20.670	34.273	36.194		29.447	36.785
1/18/13 6:00	38.344	38.240	33.522	9/2/13 11:00	38.132	20.682	34.326	36.199		29.440	36.799
1/18/13 6:20	38.337	38.233	33.515	9/2/13 12:00	38.116	20.680	34.243	36.194		29.431	36.763
1/18/13 6:40	38.328	38.223	33.506	9/2/13 13:00	38.093	20.677	34.210	36.183		29.396	36.731
1/18/13 7:00	38.321	38.216	33.496	9/2/13 14:00	38.067	20.652	34.145	36.159		29.344	36.682
1/18/13 7:20	38.316	38.212	33.489	9/2/13 15:00	38.044	20.638	34.238	36.138		29.323	36.665
1/18/13 7:40	38.321	38.214	33.485	9/2/13 16:00	38.021	20.629	34.149	36.117		29.314	36.684
1/18/13 8:00	38.316	38.209	33.482	9/2/13 17:00	38.002	20.612	34.089	36.099		29.284	36.640
1/18/13 8:20	38.311	38.207	33.478	9/2/13 18:00	38.002	20.605	34.070	36.082		29.230	36.607
1/18/13 8:40	38.304	38.200	33.473	9/2/13 19:00	37.997	20.601	34.024	36.082		29.214	36.579
1/18/13 9:00	38.300	38.195	33.466	9/2/13 20:00	38.002	20.603	34.000	36.075		29.188	36.558
1/18/13 9:20	38.297	38.193	33.464	9/2/13 21:00	38.021	20.617	34.035	36.080		29.216	36.586
1/18/13 9:40	38.297	38.191	33.464	9/2/13 22:00	38.044	20.629	34.031	36.094		29.211	36.590
1/18/13 10:00	38.295	38.191	33.461	9/2/13 23:00	38.058	20.645	34.035	36.113		29.216	36.597
1/18/13 10:20	38.293	38.188	33.461	9/3/13 0:00	38.056	20.661	34.014	36.127		29.207	36.583
1/18/13 10:40	38.293	38.188	33.461	9/3/13 1:00	38.060	20.654	34.003	36.122		29.193	36.572
1/18/13 11:00	38.297	38.191	33.461	9/3/13 2:00	38.060	20.656	33.993	36.124		29.186	36.562
1/18/13 11:20	38.302	38.195	33.729	9/3/13 3:00	38.060	20.656	34.003	36.124		29.195	36.569
1/18/13 11:40	38.360	38.258	33.970	9/3/13 4:00	38.056	20.656	33.986	36.124		29.176	36.558
1/18/13 12:00	38.407	38.312	33.980	9/3/13 5:00	38.058	20.654	33.972	36.120		29.164	36.544
1/18/13 12:20	38.428	38.329	34.111	9/3/13 6:00	38.070	20.661	33.970	36.120		29.157	36.541
1/18/13 12:40	38.472	38.373	34.425	9/3/13 7:00	38.086	20.682	33.977	36.131		29.162	36.546
1/18/13 13:00	38.491	38.401	34.078	9/3/13 8:00	38.093	20.687	34.003	36.145		29.183	36.567
1/18/13 13:20	38.482	38.392	34.188	9/3/13 9:00	38.093	20.696	33.996	36.150		29.183	36.572
1/18/13 13:40	38.475	38.385	34.008	9/3/13 10:00	38.095	20.705	34.080	36.150		29.202	36.602

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/18/13 14:00	38.475	38.385	34.165	9/3/13 11:00	38.093	20.701	34.019	36.150		29.207	36.609
1/18/13 14:20	38.482	38.389	34.249	9/3/13 12:00	38.074	20.698	34.138	36.150		29.221	36.644
1/18/13 14:40	38.503	38.410	34.296	9/3/13 13:00	38.046	20.691	34.077	36.134		29.249	36.665
1/18/13 15:00	38.517	38.431	34.350	9/3/13 14:00	38.028	20.666	34.033	36.113		29.209	36.630
1/18/13 15:20	38.521	38.434	34.348	9/3/13 15:00	38.011	20.656	33.984	36.094		29.167	36.586
1/18/13 15:40	38.589	38.506	34.747	9/3/13 16:00	37.990	20.645	33.982	36.082		29.167	36.574
1/18/13 16:00	38.549	38.469	34.249	9/3/13 17:00	37.981	20.629	33.938	36.063		29.122	36.534
1/18/13 16:20	38.533	38.445	34.308	9/3/13 18:00	37.986	20.624	34.040	36.052		29.097	36.541
1/18/13 16:40	38.568	38.483	34.582	9/3/13 19:00	37.990	20.640	34.140	36.059		29.148	36.590
1/18/13 17:00	38.617	38.544	34.573	9/3/13 20:00	38.000	20.633	34.007	36.063		29.171	36.597
1/18/13 17:20	38.570	38.492	34.275	9/3/13 21:00	38.009	20.631	34.047	36.068		29.136	36.574
1/18/13 17:40	38.517	38.434	34.069	9/3/13 22:00	38.037	20.654	33.977	36.077		29.141	36.569
1/18/13 18:00	38.482	38.396	33.914	9/3/13 23:00	38.046	20.668	33.984	36.101		29.155	36.574
1/18/13 18:20	38.435	38.345	33.761	9/4/13 0:00	38.051	20.673	33.970	36.108		29.146	36.560
1/18/13 18:40	38.447	38.354	34.034	9/4/13 1:00	38.058	20.687	33.963	36.113		29.139	36.551
1/18/13 19:00	38.430	38.338	33.818	9/4/13 2:00	38.060	20.680	33.972	36.120		29.160	36.562
1/18/13 19:20	38.419	38.329	33.771	9/4/13 3:00	38.063	20.684	33.958	36.120		29.141	36.546
1/18/13 19:40	38.381	38.286	33.672	9/4/13 4:00	38.070	20.691	33.986	36.120		29.136	36.558
1/18/13 20:00	38.358	38.261	33.618	9/4/13 5:00	38.081	20.701	33.963	36.127		29.146	36.546
1/18/13 20:20	38.353	38.254	33.785	9/4/13 6:00	38.091	20.715	33.989	36.136		29.146	36.555
1/18/13 20:40	38.337	38.240	33.597	9/4/13 7:00	38.107	20.729	33.975	36.143		29.155	36.555
1/18/13 21:00	38.321	38.223	33.555	9/4/13 8:00	38.112	20.745	33.982	36.157		29.167	36.560
1/18/13 21:20	38.307	38.207	33.527	9/4/13 9:00	38.121	20.745	33.984	36.164		29.171	36.567
1/18/13 21:40	38.293	38.193	33.503	9/4/13 10:00	38.118	20.759	34.098	36.169		29.221	36.625
1/18/13 22:00	38.283	38.181	33.489	9/4/13 11:00	38.118	20.766	34.161	36.166		29.232	36.649
1/18/13 22:20	38.290	38.188	33.525	9/4/13 12:00	38.105	20.768	34.059	36.169		29.239	36.658
1/18/13 22:40	38.276	38.177	33.485	9/4/13 13:00	38.070	20.754	34.047	36.157		29.232	36.647
1/18/13 23:00	38.265	38.163	33.466	9/4/13 14:00	38.058	20.729	34.010	36.129		29.193	36.616
1/18/13 23:20	38.258	38.156	33.450	9/4/13 15:00	38.042	20.724	34.035	36.120		29.204	36.628
1/18/13 23:40	38.251	38.149	33.438	9/4/13 16:00	38.018	20.708	34.063	36.108		29.214	36.654
1/19/13 0:00	38.265	38.163	33.543	9/4/13 17:00	38.009	20.708	34.007	36.094		29.174	36.618
1/19/13 0:20	38.269	38.170	33.553	9/4/13 18:00	38.009	20.698	34.161	36.084		29.160	36.635
1/19/13 0:40	38.253	38.153	33.466	9/4/13 19:00	38.023	20.696	34.287	36.087		29.272	36.747
1/19/13 1:00	38.244	38.142	33.433	9/4/13 20:00	38.018	20.705	34.333	36.099		29.337	36.803

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/19/13 1:20	38.253	38.153	33.508	9/4/13 21:00	38.035	20.703	34.371	36.094		29.361	36.824
1/19/13 1:40	38.244	38.142	33.438	9/4/13 22:00	38.058	20.729	34.413	36.108		29.401	36.855
1/19/13 2:00	38.232	38.130	33.417	9/4/13 23:00	38.074	20.747	34.457	36.127		29.436	36.883
1/19/13 2:20	38.232	38.128	33.407	9/5/13 0:00	38.077	20.764	34.480	36.138		29.468	36.904
1/19/13 2:40	38.230	38.128	33.398	9/5/13 1:00	38.065	20.754	34.494	36.143		29.485	36.915
1/19/13 3:00	38.241	38.142	33.506	9/5/13 2:00	38.079	20.743	34.492	36.134		29.492	36.920
1/19/13 3:20	38.234	38.132	33.421	9/5/13 3:00	38.074	20.768	34.496	36.148		29.510	36.922
1/19/13 3:40	38.230	38.125	33.403	9/5/13 4:00	38.070	20.766	34.496	36.143		29.520	36.920
1/19/13 4:00	38.230	38.125	33.393	9/5/13 5:00	38.070	20.771	34.499	36.138		29.520	36.915
1/19/13 4:20	38.220	38.118	33.384	9/5/13 6:00	38.072	20.759	34.501	36.138		29.527	36.911
1/19/13 4:40	38.220	38.114	33.377	9/5/13 7:00	38.084	20.771	34.508	36.141		29.534	36.913
1/19/13 5:00	38.218	38.114	33.372	9/5/13 8:00	38.093	20.782	34.531	36.150		29.550	36.925
1/19/13 5:20	38.216	38.114	33.367	9/5/13 9:00	38.102	20.794	34.571	36.155		29.567	36.941
1/19/13 5:40	38.213	38.107	33.363	9/5/13 10:00	38.102	20.799	34.580	36.164		29.592	36.958
1/19/13 6:00	38.213	38.109	33.363	9/5/13 11:00	38.098	20.806	34.606	36.169		29.606	36.972
1/19/13 6:20	38.211	38.107	33.360	9/5/13 12:00	38.072	20.799	34.597	36.164		29.618	36.986
1/19/13 6:40	38.211	38.107	33.356	9/5/13 13:00	38.044	20.780	34.587	36.143		29.604	36.979
1/19/13 7:00	38.216	38.111	33.358	9/5/13 14:00	38.035	20.766	34.578	36.120		29.590	36.974
1/19/13 7:20	38.218	38.111	33.360	9/5/13 15:00	38.021	20.757	34.573	36.113		29.590	36.967
1/19/13 7:40	38.225	38.118	33.370	9/5/13 16:00	38.007	20.750	34.573	36.103		29.588	36.967
1/19/13 8:00	38.225	38.118	33.372	9/5/13 17:00	38.000	20.736	34.559	36.091		29.574	36.944
1/19/13 8:20	38.234	38.130	33.377	9/5/13 18:00	37.995	20.731	34.573	36.084		29.581	36.946
1/19/13 8:40	38.237	38.130	33.382	9/5/13 19:00	38.000	20.736	34.559	36.080		29.569	36.932
1/19/13 9:00	38.241	38.135	33.386	9/5/13 20:00	37.997	20.743	34.550	36.084		29.567	36.915
1/19/13 9:20	38.244	38.139	33.389	9/5/13 21:00	38.014	20.736	34.545	36.082		29.562	36.906
1/19/13 9:40	38.267	38.163	33.457	9/5/13 22:00	38.030	20.754	34.550	36.094		29.574	36.915
1/19/13 10:00	38.269	38.165	33.429	9/5/13 23:00	38.044	20.759	34.592	36.110		29.597	36.934
1/19/13 10:20	38.281	38.174	33.431	9/6/13 0:00	38.046	20.768	34.399	36.120		29.571	36.883
1/19/13 10:40	38.288	38.181	33.435	9/6/13 1:00	38.046	20.771	34.287	36.122		29.473	36.770
1/19/13 11:00	38.297	38.191	33.443	9/6/13 2:00	38.042	20.768	34.224	36.120		29.419	36.707
1/19/13 11:20	38.307	38.200	33.452	9/6/13 3:00	38.032	20.764	34.226	36.115		29.380	36.670
1/19/13 11:40	38.335	38.223	33.459	9/6/13 4:00	38.030	20.750	34.149	36.106		29.356	36.644
1/19/13 12:00	38.358	38.251	33.466	9/6/13 5:00	38.030	20.750	34.114	36.101		29.323	36.611
1/19/13 12:20	38.379	38.272	33.468	9/6/13 6:00	38.032	20.752	34.093	36.101		29.300	36.593

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/19/13 12:40	38.412	38.298	33.738	9/6/13 7:00	38.035	20.759	34.077	36.103		29.284	36.579
1/19/13 13:00	38.465	38.354	33.825	9/6/13 8:00	38.042	20.759	34.063	36.103		29.270	36.572
1/19/13 13:20	38.486	38.385	33.698	9/6/13 9:00	38.039	20.759	34.086	36.108		29.265	36.583
1/19/13 13:40	38.489	38.385	33.651	9/6/13 10:00	38.028	20.761	34.054	36.106		29.260	36.579
1/19/13 14:00	38.472	38.366	33.586	9/6/13 11:00	38.023	20.754	34.112	36.096		29.244	36.569
1/19/13 14:20	38.470	38.366	33.647	9/6/13 12:00	38.011	20.750	34.042	36.091		29.246	36.583
1/19/13 14:40	38.479	38.378	33.665	9/6/13 13:00	37.988	20.738	34.033	36.080		29.235	36.581
1/19/13 15:00	38.472	38.368	33.661	9/6/13 14:00	37.967	20.715	33.996	36.063		29.200	36.558
1/19/13 15:20	38.568	38.469	34.360	9/6/13 15:00	37.953	20.708	34.010	36.045		29.186	36.555
1/19/13 15:40	38.736	38.656	34.395	9/6/13 16:00	37.942	20.689	33.958	36.033		29.157	36.525
1/19/13 16:00	38.894	38.967	34.878	9/6/13 17:00	37.930	20.682	33.935	36.021		29.132	36.502
1/19/13 16:20	39.013	38.999	34.810	9/6/13 18:00	37.932	20.670	33.991	36.014		29.108	36.483
1/19/13 16:40	38.995	38.995	34.622	9/6/13 19:00	37.925	20.670	34.219	36.014		29.202	36.618
1/19/13 17:00	39.074	39.107	34.585	9/6/13 20:00	37.932	20.659	34.240	36.010		29.265	36.686
1/19/13 17:20	38.850	38.789	34.467	9/6/13 21:00	37.955	20.666	34.100	36.014		29.265	36.663
1/19/13 17:40	38.768	38.691	34.200	9/6/13 22:00	37.974	20.687	34.063	36.035		29.190	36.579
1/19/13 18:00	38.726	38.644	34.207	9/6/13 23:00	37.983	20.689	33.993	36.049		29.176	36.541
1/19/13 18:20	38.724	38.635	34.435	9/7/13 0:00	37.990	20.705	33.965	36.056		29.153	36.513
1/19/13 18:40	38.673	38.583	34.203	9/7/13 1:00	37.997	20.701	33.951	36.063		29.139	36.502
1/19/13 19:00	38.642	38.546	34.008	9/7/13 2:00	38.004	20.703	33.937	36.068		29.129	36.490
1/19/13 19:20	38.656	38.567	34.111	9/7/13 3:00	38.002	20.710	33.930	36.073		29.125	36.483
1/19/13 19:40	38.614	38.520	33.912	9/7/13 4:00	38.004	20.705	33.916	36.070		29.113	36.473
1/19/13 20:00	38.582	38.487	33.841	9/7/13 5:00	38.009	20.705	33.909	36.070		29.104	36.464
1/19/13 20:20	38.575	38.480	33.874	9/7/13 6:00	38.002	20.705	33.900	36.075		29.099	36.455
1/19/13 20:40	38.554	38.457	33.804	9/7/13 7:00	38.011	20.696	33.909	36.068		29.106	36.464
1/19/13 21:00	38.538	38.438	33.771	9/7/13 8:00	38.028	20.724	33.905	36.075		29.092	36.457
1/19/13 21:20	38.531	38.431	33.752	9/7/13 9:00	38.023	20.729	33.916	36.091		29.113	36.471
1/19/13 21:40	38.519	38.417	33.736	9/7/13 10:00	38.030	20.729	33.902	36.087		29.097	36.466
1/19/13 22:00	38.507	38.408	33.724	9/7/13 11:00	38.032	20.726	33.977	36.091		29.099	36.476
1/19/13 22:20	38.498	38.399	33.715	9/7/13 12:00	38.023	20.740	33.923	36.094		29.115	36.495
1/19/13 22:40	38.493	38.392	33.708	9/7/13 13:00	38.000	20.726	33.907	36.087		29.101	36.485
1/19/13 23:00	38.491	38.389	33.701	9/7/13 14:00	37.986	20.705	33.919	36.068		29.080	36.485
1/19/13 23:20	38.486	38.382	33.696	9/7/13 15:00	37.972	20.694	33.884	36.052		29.073	36.471
1/19/13 23:40	38.489	38.385	33.693	9/7/13 16:00	37.955	20.675	33.863	36.042		29.055	36.457

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/20/13 0:00	38.484	38.382	33.691	9/7/13 17:00	37.946	20.663	33.895	36.031		29.036	36.459
1/20/13 0:20	38.489	38.385	33.693	9/7/13 18:00	37.944	20.661	33.854	36.019		29.036	36.448
1/20/13 0:40	38.489	38.385	33.693	9/7/13 19:00	37.955	20.666	33.844	36.019		29.022	36.436
1/20/13 1:00	38.484	38.380	33.691	9/7/13 20:00	37.965	20.673	33.840	36.026		29.020	36.427
1/20/13 1:20	38.479	38.375	33.687	9/7/13 21:00	37.981	20.677	33.912	36.038		29.041	36.455
1/20/13 1:40	38.486	38.385	33.679	9/7/13 22:00	38.000	20.687	33.875	36.049		29.048	36.462
1/20/13 2:00	38.475	38.371	33.675	9/7/13 23:00	38.009	20.698	33.900	36.066		29.071	36.478
1/20/13 2:20	38.470	38.368	33.672	9/8/13 0:00	38.014	20.710	33.891	36.075		29.069	36.478
1/20/13 2:40	38.472	38.366	33.670	9/8/13 1:00	38.018	20.708	33.886	36.077		29.064	36.473
1/20/13 3:00	38.468	38.364	33.668	9/8/13 2:00	38.023	20.719	33.884	36.080		29.064	36.471
1/20/13 3:20	38.472	38.366	33.668	9/8/13 3:00	38.016	20.717	33.898	36.082		29.078	36.483
1/20/13 3:40	38.468	38.364	33.670	9/8/13 4:00	38.014	20.731	33.884	36.080		29.066	36.469
1/20/13 4:00	38.465	38.361	33.668	9/8/13 5:00	38.014	20.724	33.875	36.077		29.059	36.459
1/20/13 4:20	38.468	38.361	33.665	9/8/13 6:00	38.014	20.717	33.868	36.077		29.052	36.448
1/20/13 4:40	38.461	38.359	33.658	9/8/13 7:00	38.025	20.726	33.868	36.075		29.050	36.443
1/20/13 5:00	38.461	38.354	33.658	9/8/13 8:00	38.025	20.731	33.888	36.087		29.076	36.459
1/20/13 5:20	38.461	38.352	33.654	9/8/13 9:00	38.021	20.731	33.875	36.087		29.062	36.450
1/20/13 5:40	38.461	38.354	33.654	9/8/13 10:00	38.021	20.726	33.870	36.082		29.055	36.448
1/20/13 6:00	38.456	38.352	33.651	9/8/13 11:00	38.023	20.726	33.868	36.080		29.055	36.448
1/20/13 6:20	38.449	38.343	33.642	9/8/13 12:00	38.011	20.736	33.902	36.084		29.055	36.462
1/20/13 6:40	38.447	38.340	33.635	9/8/13 13:00	37.990	20.717	33.868	36.073		29.057	36.459
1/20/13 7:00	38.442	38.338	33.630	9/8/13 14:00	37.974	20.703	33.849	36.054		29.038	36.445
1/20/13 7:20	38.435	38.331	33.623	9/8/13 15:00	37.960	20.694	33.881	36.040		29.020	36.431
1/20/13 7:40	38.440	38.333	33.623	9/8/13 16:00	37.942	20.680	33.837	36.028		29.020	36.436
1/20/13 8:00	38.440	38.333	33.625	9/8/13 17:00	37.937	20.668	33.835	36.017		29.015	36.434
1/20/13 8:20	38.430	38.324	33.621	9/8/13 18:00	37.942	20.670	33.819	36.010		28.994	36.417
1/20/13 8:40	38.433	38.326	33.616	9/8/13 19:00	37.944	20.673	33.805	36.014		28.984	36.406
1/20/13 9:00	38.430	38.326	33.616	9/8/13 20:00	37.948	20.673	33.870	36.019		29.003	36.422
1/20/13 9:20	38.433	38.324	33.710	9/8/13 21:00	37.969	20.675	33.816	36.021		28.999	36.408
1/20/13 9:40	38.449	38.347	33.677	9/8/13 22:00	37.993	20.696	33.812	36.038		28.994	36.396
1/20/13 10:00	38.444	38.340	33.649	9/8/13 23:00	38.004	20.708	33.819	36.056		29.003	36.396
1/20/13 10:20	38.454	38.347	33.642	9/9/13 0:00	38.018	20.726	33.847	36.068		29.029	36.422
1/20/13 10:40	38.449	38.343	33.637	9/9/13 1:00	38.025	20.740	33.844	36.080		29.027	36.424
1/20/13 11:00	38.454	38.347	33.637	9/9/13 2:00	38.025	20.740	33.847	36.087		29.031	36.429

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/20/13 11:20	38.461	38.354	33.644	9/9/13 3:00	38.023	20.729	33.842	36.085		29.031	36.429
1/20/13 11:40	38.463	38.359	33.649	9/9/13 4:00	38.028	20.736	33.844	36.082		29.027	36.429
1/20/13 12:00	38.479	38.375	33.750	9/9/13 5:00	38.023	20.740	33.861	36.084		29.045	36.443
1/20/13 12:20	38.468	38.364	33.672	9/9/13 6:00	38.028	20.738	33.847	36.082		29.034	36.429
1/20/13 12:40	38.463	38.357	33.656	9/9/13 7:00	38.035	20.757	33.849	36.084		29.034	36.424
1/20/13 13:00	38.465	38.364	33.642	9/9/13 8:00	38.037	20.766	33.998	36.091		29.038	36.443
1/20/13 13:20	38.451	38.347	33.630	9/9/13 9:00	38.037	20.768	33.989	36.094		29.136	36.532
1/20/13 13:40	38.447	38.343	33.630	9/9/13 10:00	38.039	20.773	34.014	36.096		29.134	36.541
1/20/13 14:00	38.437	38.333	33.621	9/9/13 11:00	38.039	20.771	34.056	36.101		29.146	36.558
1/20/13 14:20	38.430	38.326	33.611	9/9/13 12:00	38.035	20.773	34.054	36.106		29.167	36.600
1/20/13 14:40	38.451	38.345	33.766	9/9/13 13:00	38.016	20.764	34.124	36.110		29.190	36.642
1/20/13 15:00	38.500	38.436	33.649	9/9/13 14:00	38.002	20.754	34.128	36.101		29.207	36.679
1/20/13 15:20	38.514	38.530	33.633	9/9/13 15:00	37.981	20.750	34.131	36.091		29.218	36.700
1/20/13 15:40	38.482	38.382	33.837	9/9/13 16:00	37.976	20.747	34.149	36.080		29.218	36.712
1/20/13 16:00	38.722	38.749	33.677	9/9/13 17:00	37.969	20.731	34.177	36.077		29.221	36.726
1/20/13 16:20	38.785	38.847	33.665	9/9/13 18:00	37.974	20.733	34.147	36.073		29.237	36.726
1/20/13 16:40	38.757	38.761	33.670	9/9/13 19:00	37.972	20.740	34.168	36.080		29.239	36.717
1/20/13 17:00	38.773	38.780	33.670	9/9/13 20:00	37.986	20.740	34.173	36.077		29.235	36.698
1/20/13 17:20	38.598	38.516	33.679	9/9/13 21:00	38.009	20.752	34.133	36.080		29.246	36.670
1/20/13 17:40	38.552	38.452	33.682	9/9/13 22:00	38.028	20.778	34.112	36.096		29.246	36.637
1/20/13 18:00	38.531	38.427	33.698	9/9/13 23:00	38.042	20.794	34.121	36.110		29.249	36.623
1/20/13 18:20	38.566	38.459	33.736	9/10/13 0:00	38.051	20.806	34.147	36.127		29.270	36.656
1/20/13 18:40	38.587	38.478	33.970	9/10/13 1:00	38.058	20.822	34.170	36.136		29.281	36.665
1/20/13 19:00	38.631	38.532	34.029	9/10/13 2:00	38.065	20.824	34.182	36.143		29.293	36.679
1/20/13 19:20	38.685	38.586	34.559	9/10/13 3:00	38.070	20.836	34.184	36.145		29.300	36.677
1/20/13 19:40	38.722	38.625	34.512	9/10/13 4:00	38.074	20.841	34.194	36.148		29.293	36.665
1/20/13 20:00	38.717	38.623	34.306	9/10/13 5:00	38.077	20.852	34.159	36.148		29.295	36.658
1/20/13 20:20	38.712	38.618	34.165	9/10/13 6:00	38.079	20.857	34.149	36.148		29.300	36.649
1/20/13 20:40	38.710	38.614	34.160	9/10/13 7:00	38.091	20.864	34.163	36.150		29.307	36.642
1/20/13 21:00	38.701	38.604	34.135	9/10/13 8:00	38.105	20.882	34.175	36.159		29.319	36.647
1/20/13 21:20	38.738	38.637	34.557	9/10/13 9:00	38.107	20.899	34.196	36.171		29.333	36.649
1/20/13 21:40	38.717	38.616	34.409	9/10/13 10:00	38.114	20.899	34.208	36.173		29.337	36.663
1/20/13 22:00	38.708	38.614	34.186	9/10/13 11:00	38.112	20.917	34.226	36.183		29.361	36.689
1/20/13 22:20	38.692	38.590	34.329	9/10/13 12:00	38.102	20.922	34.266	36.187		29.368	36.733

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/20/13 22:40	38.685	38.588	34.132	9/10/13 13:00	38.088	20.915	34.264	36.185		29.396	36.775
1/20/13 23:00	38.675	38.579	34.090	9/10/13 14:00	38.072	20.901	34.266	36.171		29.398	36.777
1/20/13 23:20	38.680	38.583	34.224	9/10/13 15:00	38.046	20.896	34.259	36.157		29.398	36.782
1/20/13 23:40	38.654	38.558	33.968	9/10/13 16:00	38.025	20.882	34.254	36.138		29.387	36.766
1/21/13 0:00	38.638	38.537	33.921	9/10/13 17:00	38.009	20.868	34.291	36.122		29.377	36.770
1/21/13 0:20	38.643	38.544	33.944	9/10/13 18:00	38.021	20.880	34.410	36.108		29.412	36.817
1/21/13 0:40	38.624	38.525	33.898	9/10/13 19:00	38.018	20.882	34.480	36.115		29.482	36.871
1/21/13 1:00	38.610	38.509	33.869	9/10/13 20:00	38.035	20.889	34.524	36.113		29.513	36.894
1/21/13 1:20	38.601	38.497	33.991	9/10/13 21:00	38.058	20.910	34.583	36.127		29.546	36.911
1/21/13 1:40	38.596	38.495	33.879	9/10/13 22:00	38.086	20.938	34.601	36.143		29.585	36.934
1/21/13 2:00	38.598	38.497	33.926	9/10/13 23:00	38.104	20.962	34.618	36.169		29.620	36.953
1/21/13 2:20	38.582	38.480	33.846	9/11/13 0:00	38.105	20.973	34.648	36.185		29.655	36.972
1/21/13 2:40	38.568	38.464	33.818	9/11/13 1:00	38.109	20.971	34.671	36.180		29.667	36.981
1/21/13 3:00	38.556	38.455	33.801	9/11/13 2:00	38.109	20.985	34.692	36.185		29.686	36.997
1/21/13 3:20	38.549	38.448	33.787	9/11/13 3:00	38.121	20.985	34.697	36.187		29.707	37.011
1/21/13 3:40	38.540	38.436	33.776	9/11/13 4:00	38.128	21.004	34.720	36.194		29.730	37.023
1/21/13 4:00	38.528	38.427	33.761	9/11/13 5:00	38.118	21.015	34.755	36.204		29.758	37.037
1/21/13 4:20	38.526	38.424	33.757	9/11/13 6:00	38.114	21.011	34.755	36.194		29.761	37.039
1/21/13 4:40	38.519	38.417	33.748	9/11/13 7:00	38.114	21.020	34.743	36.192		29.770	37.037
1/21/13 5:00	38.512	38.408	33.740	9/11/13 8:00	38.116	21.027	34.776	36.192		29.786	37.044
1/21/13 5:20	38.507	38.406	33.733	9/11/13 9:00	38.121	21.034	34.783	36.192		29.791	37.046
1/21/13 5:40	38.500	38.396	33.729	9/11/13 10:00	38.114	21.041	34.783	36.197		29.805	37.049
1/21/13 6:00	38.498	38.394	33.719	9/11/13 11:00	38.107	21.041	34.816	36.192		29.817	37.058
1/21/13 6:20	38.491	38.389	33.715	9/11/13 12:00	38.091	21.046	34.811	36.183		29.824	37.063
1/21/13 6:40	38.489	38.382	33.710	9/11/13 13:00	38.072	21.032	34.795	36.171		29.817	37.058
1/21/13 7:00	38.489	38.385	33.708	9/11/13 14:00	38.051	21.018	34.781	36.152		29.814	37.051
1/21/13 7:20	38.489	38.385	33.703	9/11/13 15:00	38.023	21.001	34.795	36.138		29.805	37.049
1/21/13 7:40	38.493	38.389	33.703	9/11/13 16:00	38.002	20.978	34.788	36.110		29.789	37.035
1/21/13 8:00	38.489	38.387	33.701	9/11/13 17:00	38.007	20.966	34.762	36.094		29.782	37.028
1/21/13 8:20	38.493	38.387	33.698	9/11/13 18:00	38.067	20.992	34.816	36.108		29.791	37.063
1/21/13 8:40	38.512	38.403	33.954	9/11/13 19:00	38.063	21.034	34.804	36.169		29.833	37.056
1/21/13 9:00	38.510	38.408	33.745	9/11/13 20:00	38.107	21.029	34.788	36.159		29.819	37.014
1/21/13 9:20	38.503	38.399	33.722	9/11/13 21:00	38.118	21.071	34.830	36.199		29.845	36.958
1/21/13 9:40	38.500	38.394	33.715	9/11/13 22:00	38.104	21.080	34.816	36.201		29.868	36.967

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/21/13 10:00	38.491	38.387	33.708	9/11/13 23:00	38.098	21.057	34.792	36.190		29.854	36.981
1/21/13 10:20	38.491	38.385	33.703	9/12/13 0:00	38.102	21.071	34.813	36.183		29.849	36.986
1/21/13 10:40	38.489	38.382	33.698	9/12/13 1:00	38.107	21.071	34.813	36.187		29.863	37.007
1/21/13 11:00	38.486	38.382	33.698	9/12/13 2:00	38.093	21.083	34.816	36.192		29.870	37.004
1/21/13 11:20	38.479	38.375	33.691	9/12/13 3:00	38.081	21.076	34.837	36.176		29.873	37.025
1/21/13 11:40	38.477	38.373	33.689	9/12/13 4:00	38.074	21.074	34.837	36.166		29.868	37.037
1/21/13 12:00	38.482	38.380	33.694	9/12/13 5:00	38.072	21.064	34.818	36.162		29.868	37.044
1/21/13 12:20	38.468	38.364	33.677	9/12/13 6:00	38.079	21.071	34.816	36.159		29.866	37.046
1/21/13 12:40	38.470	38.366	33.677	9/12/13 7:00	38.081	21.076	34.601	36.164		29.814	36.948
1/21/13 13:00	38.465	38.364	33.675	9/12/13 8:00	38.091	21.078	34.496	36.164		29.725	36.838
1/21/13 13:20	38.456	38.350	33.661	9/12/13 9:00	38.105	21.083	34.680	36.171		29.758	36.885
1/21/13 13:40	38.442	38.338	33.644	9/12/13 10:00	38.114	21.099	34.760	36.185		29.812	36.941
1/21/13 14:00	38.491	38.392	33.970	9/12/13 11:00	38.123	21.113	34.799	36.194		29.852	36.988
1/21/13 14:20	38.496	38.399	33.869	9/12/13 12:00	38.118	21.118	34.820	36.201		29.873	37.014
1/21/13 14:40	38.503	38.403	34.066	9/12/13 13:00	38.109	21.115	34.823	36.199		29.882	37.025
1/21/13 15:00	38.528	38.424	34.278	9/12/13 14:00	38.095	21.125	34.820	36.187		29.887	37.032
1/21/13 15:20	38.558	38.466	34.221	9/12/13 15:00	38.074	21.129	34.818	36.178		29.884	37.053
1/21/13 15:40	38.531	38.436	33.959	9/12/13 16:00	38.056	21.113	34.799	36.159		29.875	37.082
1/21/13 16:00	38.535	38.443	33.975	9/12/13 17:00	38.046	21.104	34.783	36.141		29.861	37.096
1/21/13 16:20	38.535	38.436	34.156	9/12/13 18:00	38.037	21.055	34.792	36.134		29.852	37.042
1/21/13 16:40	38.526	38.427	34.113	9/12/13 19:00	38.028	21.039	34.804	36.127		29.852	37.046
1/21/13 17:00	38.510	38.406	34.031	9/12/13 20:00	38.030	21.029	34.785	36.120		29.849	37.039
1/21/13 17:20	38.486	38.387	33.790	9/12/13 21:00	38.037	21.032	34.792	36.120		29.849	37.035
1/21/13 17:40	38.482	38.382	33.898	9/12/13 22:00	38.046	21.032	34.792	36.124		29.856	37.037
1/21/13 18:00	38.507	38.413	34.010	9/12/13 23:00	38.060	21.032	34.785	36.134		29.856	37.032
1/21/13 18:20	38.540	38.448	34.050	9/13/13 0:00	38.065	21.036	34.790	36.148		29.861	37.030
1/21/13 18:40	38.537	38.445	34.066	9/13/13 1:00	38.067	21.046	34.806	36.152		29.868	37.032
1/21/13 19:00	38.516	38.424	33.912	9/13/13 2:00	38.070	21.034	34.816	36.152		29.873	37.037
1/21/13 19:20	38.507	38.413	33.851	9/13/13 3:00	38.065	21.034	34.823	36.157		29.877	37.046
1/21/13 19:40	38.482	38.385	33.768	9/13/13 4:00	38.058	21.029	34.823	36.152		29.877	37.046
1/21/13 20:00	38.458	38.359	33.726	9/13/13 5:00	38.063	21.015	34.823	36.145		29.873	37.049
1/21/13 20:20	38.454	38.352	33.698	9/13/13 6:00	38.070	21.025	34.827	36.150		29.877	37.053
1/21/13 20:40	38.447	38.347	33.687	9/13/13 7:00	38.077	21.020	34.832	36.157		29.887	37.053
1/21/13 21:00	38.440	38.338	33.672	9/13/13 8:00	38.084	21.020	34.841	36.162		29.891	37.058

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/21/13 21:20	38.433	38.329	33.663	9/13/13 9:00	38.086	21.027	34.848	36.169		29.903	37.070
1/21/13 21:40	38.435	38.331	33.658	9/13/13 10:00	38.084	21.027	34.837	36.171		29.906	37.070
1/21/13 22:00	38.430	38.326	33.651	9/13/13 11:00	38.084	21.015	34.715	36.169		29.906	37.053
1/21/13 22:20	38.444	38.343	33.719	9/13/13 12:00	38.074	21.011	34.606	36.169		29.789	36.920
1/21/13 22:40	38.433	38.333	33.672	9/13/13 13:00	38.049	20.997	34.485	36.157		29.728	36.850
1/21/13 23:00	38.435	38.331	33.658	9/13/13 14:00	38.032	20.962	34.415	36.134		29.662	36.787
1/21/13 23:20	38.428	38.324	33.647	9/13/13 15:00	38.009	20.934	34.359	36.117		29.616	36.740
1/21/13 23:40	38.442	38.343	33.750	9/13/13 16:00	37.988	20.920	34.310	36.094		29.564	36.705
1/22/13 0:00	38.433	38.331	33.668	9/13/13 17:00	37.962	20.892	34.268	36.075		29.522	36.672
1/22/13 0:20	38.430	38.326	33.651	9/13/13 18:00	37.958	20.878	34.236	36.054		29.478	36.649
1/22/13 0:40	38.419	38.315	33.633	9/13/13 19:00	37.955	20.864	34.238	36.049		29.452	36.642
1/22/13 1:00	38.414	38.310	33.621	9/13/13 20:00	37.958	20.857	34.196	36.045		29.438	36.618
1/22/13 1:20	38.407	38.301	33.609	9/13/13 21:00	37.976	20.854	34.177	36.047		29.415	36.602
1/22/13 1:40	38.398	38.296	33.602	9/13/13 22:00	37.981	20.847	34.194	36.061		29.433	36.616
1/22/13 2:00	38.400	38.296	33.602	9/13/13 23:00	37.993	20.840	34.161	36.068		29.403	36.597
1/22/13 2:20	38.416	38.315	33.672	9/14/13 0:00	37.990	20.843	34.152	36.077		29.389	36.588
1/22/13 2:40	38.402	38.303	33.628	9/14/13 1:00	37.979	20.838	34.133	36.073		29.373	36.576
1/22/13 3:00	38.398	38.294	33.607	9/14/13 2:00	37.981	20.817	34.110	36.063		29.351	36.562
1/22/13 3:20	38.395	38.289	33.595	9/14/13 3:00	37.981	20.819	34.105	36.063		29.337	36.558
1/22/13 3:40	38.386	38.284	33.586	9/14/13 4:00	37.981	20.808	34.091	36.063		29.328	36.548
1/22/13 4:00	38.386	38.284	33.581	9/14/13 5:00	37.981	20.799	34.080	36.063		29.312	36.544
1/22/13 4:20	38.377	38.270	33.572	9/14/13 6:00	37.988	20.792	34.068	36.066		29.305	36.539
1/22/13 4:40	38.367	38.263	33.562	9/14/13 7:00	37.993	20.796	34.068	36.068		29.298	36.539
1/22/13 5:00	38.367	38.263	33.553	9/14/13 8:00	37.997	20.789	34.066	36.073		29.293	36.539
1/22/13 5:20	38.360	38.256	33.546	9/14/13 9:00	38.009	20.792	34.091	36.077		29.291	36.555
1/22/13 5:40	38.353	38.244	33.539	9/14/13 10:00	38.002	20.787	34.070	36.087		29.298	36.551
1/22/13 6:00	38.344	38.245	33.532	9/14/13 11:00	38.000	20.771	34.059	36.082		29.286	36.541
1/22/13 6:20	38.351	38.244	33.529	9/14/13 12:00	37.981	20.764	34.042	36.077		29.274	36.532
1/22/13 6:40	38.349	38.244	33.529	9/14/13 13:00	37.969	20.740	34.026	36.063		29.256	36.525
1/22/13 7:00	38.346	38.240	33.525	9/14/13 14:00	37.951	20.726	34.066	36.052		29.235	36.511
1/22/13 7:20	38.353	38.247	33.527	9/14/13 15:00	37.928	20.701	34.005	36.038		29.225	36.511
1/22/13 7:40	38.351	38.244	33.522	9/14/13 16:00	37.911	20.677	33.972	36.014		29.195	36.490
1/22/13 8:00	38.353	38.249	33.529	9/14/13 17:00	37.897	20.661	33.972	36.003		29.183	36.487
1/22/13 8:20	38.360	38.256	33.539	9/14/13 18:00	37.900	20.645	33.940	35.986		29.155	36.464

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/22/13 8:40	38.370	38.265	33.546	9/14/13 19:00	37.900	20.647	33.926	35.991		29.139	36.445
1/22/13 9:00	38.372	38.265	33.553	9/14/13 20:00	37.911	20.631	33.907	35.989		29.122	36.427
1/22/13 9:20	38.370	38.265	33.555	9/14/13 21:00	37.921	20.631	33.902	35.998		29.115	36.420
1/22/13 9:40	38.370	38.263	33.550	9/14/13 22:00	37.937	20.647	33.954	36.005		29.111	36.413
1/22/13 10:00	38.374	38.268	33.548	9/14/13 23:00	37.962	20.652	33.914	36.019		29.125	36.427
1/22/13 10:20	38.370	38.263	33.546	9/15/13 0:00	37.983	20.661	33.916	36.042		29.127	36.424
1/22/13 10:40	38.374	38.268	33.546	9/15/13 1:00	37.983	20.663	33.916	36.061		29.134	36.427
1/22/13 11:00	38.379	38.270	33.548	9/15/13 2:00	37.979	20.640	33.907	36.059		29.127	36.424
1/22/13 11:20	38.379	38.275	33.550	9/15/13 3:00	37.990	20.647	33.923	36.056		29.136	36.438
1/22/13 11:40	38.381	38.277	33.555	9/15/13 4:00	37.990	20.656	33.919	36.066		29.132	36.436
1/22/13 12:00	38.384	38.277	33.555	9/15/13 5:00	37.997	20.647	33.909	36.066		29.127	36.431
1/22/13 12:20	38.384	38.279	33.557	9/15/13 6:00	38.000	20.654	33.914	36.070		29.125	36.434
1/22/13 12:40	38.374	38.270	33.548	9/15/13 7:00	38.030	20.656	33.919	36.073		29.122	36.438
1/22/13 13:00	38.374	38.268	33.541	9/15/13 8:00	38.032	20.666	33.930	36.101		29.143	36.450
1/22/13 13:20	38.363	38.256	33.527	9/15/13 9:00	38.051	20.677	33.940	36.101		29.146	36.462
1/22/13 13:40	38.365	38.256	33.520	9/15/13 10:00	38.070	20.687	33.949	36.120		29.162	36.471
1/22/13 14:00	38.363	38.256	33.520	9/15/13 11:00	38.088	20.708	34.024	36.136		29.179	36.487
1/22/13 14:20	38.367	38.261	33.750	9/15/13 12:00	38.084	20.712	33.989	36.150		29.207	36.511
1/22/13 14:40	38.360	38.256	33.550	9/15/13 13:00	38.091	20.710	33.991	36.150		29.204	36.511
1/22/13 15:00	38.367	38.265	33.635	9/15/13 14:00	38.098	20.719	34.052	36.166		29.228	36.562
1/22/13 15:20	38.358	38.254	33.543	9/15/13 15:00	38.107	20.731	34.103	36.192		29.263	36.651
1/22/13 15:40	38.349	38.244	33.520	9/15/13 16:00	38.102	20.738	34.133	36.201		29.291	36.698
1/22/13 16:00	38.337	38.235	33.508	9/15/13 17:00	38.118	20.733	34.149	36.201		29.309	36.714
1/22/13 16:20	38.332	38.226	33.497	9/15/13 18:00	38.135	20.743	34.170	36.220		29.335	36.740
1/22/13 16:40	38.330	38.226	33.489	9/15/13 19:00	38.144	20.775	34.203	36.239		29.363	36.770
1/22/13 17:00	38.328	38.223	33.489	9/15/13 20:00	38.144	20.798	34.219	36.246		29.384	36.780
1/22/13 17:20	38.328	38.221	33.487	9/15/13 21:00	38.163	20.792	34.243	36.246		29.412	36.789
1/22/13 17:40	38.330	38.223	33.487	9/15/13 22:00	38.186	20.815	34.243	36.260		29.424	36.789
1/22/13 18:00	38.321	38.216	33.482	9/15/13 23:00	38.188	20.845	34.236	36.274		29.433	36.768
1/22/13 18:20	38.328	38.221	33.482	9/16/13 0:00	38.195	20.840	34.219	36.271		29.424	36.728
1/22/13 18:40	38.323	38.219	33.485	9/16/13 1:00	38.184	20.857	34.229	36.278		29.440	36.738
1/22/13 19:00	38.330	38.221	33.485	9/16/13 2:00	38.144	20.833	34.268	36.276		29.445	36.773
1/22/13 19:20	38.339	38.228	33.593	9/16/13 3:00	38.142	20.815	34.240	36.236		29.440	36.780
1/22/13 19:40	38.384	38.275	33.902	9/16/13 4:00	38.146	20.817	34.219	36.229		29.433	36.740

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/22/13 20:00	38.458	38.357	34.144	9/16/13 5:00	38.137	20.817	34.212	36.232		29.431	36.728
1/22/13 20:20	38.503	38.413	34.038	9/16/13 6:00	38.130	20.791	34.208	36.220		29.426	36.717
1/22/13 20:40	38.489	38.392	33.928	9/16/13 7:00	38.137	20.794	34.222	36.218		29.426	36.735
1/22/13 21:00	38.500	38.403	33.958	9/16/13 8:00	38.144	20.785	34.217	36.220		29.436	36.728
1/22/13 21:20	38.486	38.389	33.886	9/16/13 9:00	38.149	20.787	34.226	36.227		29.440	36.733
1/22/13 21:40	38.458	38.357	33.712	9/16/13 10:00	38.123	20.766	34.219	36.229		29.450	36.731
1/22/13 22:00	38.493	38.394	33.895	9/16/13 11:00	38.107	20.750	34.226	36.211		29.438	36.742
1/22/13 22:20	38.512	38.413	34.027	9/16/13 12:00	38.114	20.752	34.226	36.199		29.433	36.756
1/22/13 22:40	38.505	38.408	33.867	9/16/13 13:00	38.112	20.733	34.219	36.199		29.433	36.735
1/22/13 23:00	38.482	38.378	33.980	9/16/13 14:00	38.093	20.722	34.222	36.194		29.452	36.733
1/22/13 23:20	38.498	38.399	33.996	9/16/13 15:00	38.070	20.719	34.187	36.176		29.422	36.696
1/22/13 23:40	38.496	38.401	33.862	9/16/13 16:00	38.053	20.724	34.161	36.155		29.394	36.670
1/23/13 0:00	38.465	38.368	33.722	9/16/13 17:00	38.037	20.633	34.142	36.138		29.375	36.651
1/23/13 0:20	38.468	38.371	33.776	9/16/13 18:00	38.032	20.621	34.124	36.120		29.354	36.632
1/23/13 0:40	38.444	38.340	33.677	9/16/13 19:00	38.021	20.610	34.112	36.117		29.342	36.623
1/23/13 1:00	38.437	38.338	33.649	9/16/13 20:00	38.018	20.586	34.103	36.106		29.328	36.614
1/23/13 1:20	38.421	38.319	33.623	9/16/13 21:00	38.032	20.575	34.147	36.103		29.321	36.614
1/23/13 1:40	38.409	38.308	33.607	9/16/13 22:00	38.042	20.582	34.114	36.115		29.335	36.628
1/23/13 2:00	38.395	38.296	33.590	9/16/13 23:00	38.030	20.570	34.107	36.124		29.330	36.623
1/23/13 2:20	38.388	38.286	33.576	9/17/13 0:00	38.035	20.568	34.100	36.113		29.326	36.618
1/23/13 2:40	38.395	38.289	33.829	9/17/13 1:00	38.023	20.547	34.089	36.117		29.316	36.609
1/23/13 3:00	38.388	38.284	33.607	9/17/13 2:00	38.014	20.533	34.073	36.106		29.305	36.597
1/23/13 3:20	38.377	38.275	33.574	9/17/13 3:00	38.002	20.521	34.063	36.094		29.281	36.583
1/23/13 3:40	38.367	38.263	33.555	9/17/13 4:00	37.988	20.505	34.040	36.087		29.272	36.567
1/23/13 4:00	38.377	38.277	33.607	9/17/13 5:00	37.976	20.484	34.024	36.070		29.253	36.551
1/23/13 4:20	38.365	38.263	33.560	9/17/13 6:00	37.965	20.472	34.012	36.061		29.239	36.537
1/23/13 4:40	38.351	38.249	33.539	9/17/13 7:00	37.974	20.456	34.014	36.052		29.223	36.527
1/23/13 5:00	38.346	38.240	33.527	9/17/13 8:00	37.981	20.475	34.017	36.059		29.228	36.541
1/23/13 5:20	38.342	38.235	33.515	9/17/13 9:00	37.981	20.472	34.003	36.066		29.223	36.537
1/23/13 5:40	38.332	38.228	33.506	9/17/13 10:00	37.974	20.449	33.996	36.063		29.214	36.530
1/23/13 6:00	38.330	38.223	33.501	9/17/13 11:00	37.962	20.440	33.986	36.059		29.209	36.527
1/23/13 6:20	38.323	38.216	33.494	9/17/13 12:00	37.951	20.426	34.005	36.047		29.195	36.537
1/23/13 6:40	38.325	38.219	33.492	9/17/13 13:00	37.930	20.400	33.979	36.042		29.193	36.532
1/23/13 7:00	38.323	38.219	33.489	9/17/13 14:00	37.909	20.377	33.968	36.026		29.171	36.534

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/23/13 7:20	38.328	38.221	33.492	9/17/13 15:00	37.888	20.353	33.954	36.012		29.148	36.530
1/23/13 7:40	38.330	38.226	33.489	9/17/13 16:00	37.869	20.323	33.949	35.991		29.129	36.518
1/23/13 8:00	38.328	38.221	33.487	9/17/13 17:00	37.853	20.307	34.152	35.977		29.188	36.604
1/23/13 8:20	38.330	38.223	33.485	9/17/13 18:00	37.851	20.281	34.224	35.965		29.235	36.672
1/23/13 8:40	38.325	38.216	33.480	9/17/13 19:00	37.855	20.272	34.093	35.965		29.253	36.672
1/23/13 9:00	38.321	38.216	33.480	9/17/13 20:00	37.869	20.272	33.993	35.968		29.164	36.572
1/23/13 9:20	38.318	38.214	33.473	9/17/13 21:00	37.900	20.279	33.949	35.979		29.129	36.511
1/23/13 9:40	38.318	38.214	33.471	9/17/13 22:00	37.925	20.293	33.933	36.003		29.118	36.480
1/23/13 10:00	38.321	38.212	33.473	9/17/13 23:00	37.939	20.297	33.926	36.028		29.118	36.471
1/23/13 10:20	38.323	38.219	33.478	9/18/13 0:00	37.944	20.293	33.926	36.040		29.113	36.476
1/23/13 10:40	38.321	38.216	33.478	9/18/13 1:00	37.951	20.274	33.926	36.049		29.111	36.480
1/23/13 11:00	38.330	38.221	33.480	9/18/13 2:00	37.953	20.258	33.961	36.054		29.111	36.492
1/23/13 11:20	38.335	38.228	33.489	9/18/13 3:00	37.951	20.237	33.916	36.052		29.113	36.480
1/23/13 11:40	38.332	38.228	33.489	9/18/13 4:00	37.939	20.218	33.891	36.047		29.094	36.452
1/23/13 12:00	38.330	38.226	33.487	9/18/13 5:00	37.932	20.183	33.868	36.038		29.071	36.427
1/23/13 12:20	38.335	38.230	33.492	9/18/13 6:00	37.937	20.151	33.849	36.028		29.052	36.401
1/23/13 12:40	38.337	38.230	33.489	9/18/13 7:00	37.939	20.132	33.835	36.028		29.041	36.385
1/23/13 13:00	38.335	38.228	33.487	9/18/13 8:00	37.953	20.120	33.833	36.031		29.031	36.382
1/23/13 13:20	38.349	38.244	33.628	9/18/13 9:00	37.953	20.106	33.833	36.042		29.038	36.385
1/23/13 13:40	38.353	38.247	33.520	9/18/13 10:00	37.953	20.081	33.837	36.045		29.036	36.401
1/23/13 14:00	38.386	38.277	33.497	9/18/13 11:00	37.958	20.067	33.861	36.052		29.038	36.431
1/23/13 14:20	38.416	38.308	33.489	9/18/13 12:00	37.934	20.053	33.916	36.056		29.052	36.455
1/23/13 14:40	38.414	38.305	33.492	9/18/13 13:00	37.916	20.018	33.875	36.038		29.052	36.476
1/23/13 15:00	38.412	38.305	33.644	9/18/13 14:00	37.909	19.987	33.886	36.031		29.036	36.492
1/23/13 15:20	38.395	38.289	33.527	9/18/13 15:00	37.897	19.978	33.895	36.028		29.043	36.511
1/23/13 15:40	38.398	38.296	33.628	9/18/13 16:00	37.890	19.957	33.893	36.021		29.038	36.513
1/23/13 16:00	38.381	38.277	33.534	9/18/13 17:00	37.893	19.927	34.063	36.017		29.055	36.558
1/23/13 16:20	38.386	38.279	33.689	9/18/13 18:00	37.897	19.917	34.019	36.021		29.150	36.630
1/23/13 16:40	38.388	38.282	33.698	9/18/13 19:00	37.911	19.913	33.937	36.021		29.083	36.551
1/23/13 17:00	38.391	38.289	33.588	9/18/13 20:00	37.930	19.896	33.898	36.031		29.062	36.492
1/23/13 17:20	38.384	38.280	33.555	9/18/13 21:00	37.958	19.897	33.877	36.040		29.045	36.452
1/23/13 17:40	38.384	38.277	33.546	9/18/13 22:00	37.986	19.910	33.944	36.066		29.052	36.450
1/23/13 18:00	38.381	38.277	33.543	9/18/13 23:00	38.002	19.913	33.902	36.089		29.078	36.466
1/23/13 18:20	38.398	38.289	33.740	9/19/13 0:00	38.009	19.896	33.912	36.106		29.080	36.473

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/23/13 18:40	38.405	38.301	33.597	9/19/13 1:00	38.002	19.894	33.909	36.110		29.087	36.478
1/23/13 19:00	38.405	38.301	33.579	9/19/13 2:00	38.002	19.869	33.914	36.110		29.087	36.490
1/23/13 19:20	38.414	38.308	33.579	9/19/13 3:00	38.009	19.869	33.923	36.113		29.087	36.502
1/23/13 19:40	38.423	38.317	33.579	9/19/13 4:00	38.000	19.850	33.921	36.117		29.094	36.499
1/23/13 20:00	38.428	38.322	33.581	9/19/13 5:00	37.988	19.822	33.912	36.106		29.085	36.490
1/23/13 20:20	38.435	38.329	33.586	9/19/13 6:00	37.981	19.806	33.905	36.099		29.083	36.490
1/23/13 20:40	38.437	38.331	33.590	9/19/13 7:00	37.990	19.785	33.891	36.089		29.066	36.459
1/23/13 21:00	38.444	38.338	33.600	9/19/13 8:00	38.021	19.782	33.884	36.094		29.069	36.455
1/23/13 21:20	38.449	38.343	33.607	9/19/13 9:00	38.037	19.803	33.933	36.115		29.080	36.452
1/23/13 21:40	38.456	38.350	33.614	9/19/13 10:00	38.046	19.792	33.898	36.124		29.097	36.445
1/23/13 22:00	38.463	38.357	33.626	9/19/13 11:00	38.049	19.789	33.898	36.131		29.097	36.443
1/23/13 22:20	38.486	38.371	33.977	9/19/13 12:00	38.072	19.785	33.912	36.138		29.101	36.462
1/23/13 22:40	38.538	38.434	33.923	9/19/13 13:00	38.079	19.801	33.930	36.159		29.125	36.480
1/23/13 23:00	38.624	38.525	34.303	9/19/13 14:00	38.072	19.785	33.956	36.162		29.150	36.499
1/23/13 23:20	38.647	38.544	34.421	9/19/13 15:00	38.072	19.782	33.947	36.157		29.139	36.495
1/23/13 23:40	38.633	38.534	34.146	9/19/13 16:00	38.081	19.768	33.982	36.169		29.150	36.537
1/24/13 0:00	38.638	38.539	34.144	9/19/13 17:00	38.077	19.768	34.031	36.190		29.181	36.597
1/24/13 0:20	38.612	38.513	33.898	9/19/13 18:00	38.102	19.771	34.075	36.192		29.204	36.661
1/24/13 0:40	38.591	38.487	33.832	9/19/13 19:00	38.118	19.789	34.103	36.218		29.246	36.691
1/24/13 1:00	38.596	38.492	33.963	9/19/13 20:00	38.125	19.801	34.152	36.225		29.267	36.686
1/24/13 1:20	38.575	38.473	33.822	9/19/13 21:00	38.174	19.803	34.093	36.220		29.277	36.647
1/24/13 1:40	38.568	38.464	33.787	9/19/13 22:00	38.198	19.845	34.112	36.262		29.302	36.647
1/24/13 2:00	38.556	38.452	33.766	9/19/13 23:00	38.212	19.864	34.126	36.285		29.326	36.651
1/24/13 2:20	38.561	38.459	33.822	9/20/13 0:00	38.209	19.859	34.140	36.292		29.340	36.656
1/24/13 2:40	38.551	38.448	33.771	9/20/13 1:00	38.193	19.850	34.163	36.302		29.361	36.703
1/24/13 3:00	38.545	38.436	33.837	9/20/13 2:00	38.174	19.829	34.154	36.281		29.368	36.703
1/24/13 3:20	38.603	38.497	34.411	9/20/13 3:00	38.151	19.813	34.159	36.260		29.373	36.696
1/24/13 3:40	38.682	38.586	34.575	9/20/13 4:00	38.137	19.789	34.128	36.232		29.347	36.661
1/24/13 4:00	38.657	38.565	34.073	9/20/13 5:00	38.146	19.782	34.114	36.218		29.330	36.637
1/24/13 4:20	38.638	38.541	33.994	9/20/13 6:00	38.153	19.799	34.121	36.227		29.335	36.632
1/24/13 4:40	38.605	38.509	33.893	9/20/13 7:00	38.167	19.808	34.124	36.232		29.342	36.630
1/24/13 5:00	38.582	38.480	33.839	9/20/13 8:00	38.172	19.817	34.133	36.243		29.356	36.635
1/24/13 5:20	38.561	38.460	33.801	9/20/13 9:00	38.172	19.820	34.145	36.248		29.366	36.647
1/24/13 5:40	38.549	38.448	33.778	9/20/13 10:00	38.163	19.820	34.152	36.246		29.375	36.656

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/24/13 6:00	38.530	38.427	33.754	9/20/13 11:00	38.151	19.815	34.161	36.239		29.377	36.670
1/24/13 6:20	38.526	38.422	33.743	9/20/13 12:00	38.123	19.803	34.208	36.236		29.384	36.721
1/24/13 6:40	38.517	38.415	33.731	9/20/13 13:00	38.091	19.780	34.175	36.206		29.391	36.724
1/24/13 7:00	38.516	38.413	33.726	9/20/13 14:00	38.063	19.771	34.147	36.173		29.366	36.696
1/24/13 7:20	38.510	38.408	33.722	9/20/13 15:00	38.025	19.747	34.114	36.148		29.337	36.661
1/24/13 7:40	38.512	38.408	33.715	9/20/13 16:00	38.000	19.724	34.140	36.113		29.307	36.625
1/24/13 8:00	38.512	38.406	33.712	9/20/13 17:00	37.981	19.717	34.063	36.087		29.288	36.607
1/24/13 8:20	38.505	38.401	33.705	9/20/13 18:00	37.976	19.710	34.038	36.070		29.256	36.572
1/24/13 8:40	38.503	38.399	33.703	9/20/13 19:00	37.976	19.715	34.021	36.066		29.239	36.551
1/24/13 9:00	38.510	38.403	33.705	9/20/13 20:00	37.990	19.726	34.012	36.063		29.230	36.537
1/24/13 9:20	38.500	38.396	33.700	9/20/13 21:00	38.007	19.750	34.012	36.077		29.230	36.534
1/24/13 9:40	38.498	38.394	33.698	9/20/13 22:00	38.014	19.759	34.017	36.091		29.235	36.539
1/24/13 10:00	38.496	38.389	33.694	9/20/13 23:00	38.016	19.768	34.019	36.096		29.237	36.544
1/24/13 10:20	38.498	38.392	33.694	9/21/13 0:00	38.016	19.778	34.019	36.099		29.235	36.546
1/24/13 10:40	38.503	38.396	33.698	9/21/13 1:00	38.011	19.778	34.014	36.096		29.232	36.548
1/24/13 11:00	38.521	38.417	33.867	9/21/13 2:00	38.018	19.785	34.012	36.094		29.228	36.546
1/24/13 11:20	38.530	38.431	33.846	9/21/13 3:00	38.014	19.796	34.026	36.099		29.242	36.560
1/24/13 11:40	38.512	38.408	33.747	9/21/13 4:00	38.011	19.794	34.007	36.094		29.228	36.544
1/24/13 12:00	38.503	38.399	33.715	9/21/13 5:00	38.014	19.801	33.998	36.089		29.216	36.532
1/24/13 12:20	38.486	38.380	33.689	9/21/13 6:00	38.018	19.801	33.993	36.091		29.211	36.523
1/24/13 12:40	38.503	38.399	33.816	9/21/13 7:00	38.021	19.817	33.989	36.096		29.211	36.518
1/24/13 13:00	38.484	38.380	33.703	9/21/13 8:00	38.023	19.831	33.986	36.096		29.207	36.516
1/24/13 13:20	38.463	38.361	33.668	9/21/13 9:00	38.023	19.834	33.986	36.099		29.204	36.513
1/24/13 13:40	38.458	38.354	33.654	9/21/13 10:00	38.025	19.843	33.986	36.101		29.207	36.518
1/24/13 14:00	38.440	38.338	33.630	9/21/13 11:00	38.011	19.850	33.984	36.101		29.207	36.523
1/24/13 14:20	38.426	38.319	33.611	9/21/13 12:00	37.997	19.850	33.977	36.089		29.197	36.523
1/24/13 14:40	38.414	38.308	33.597	9/21/13 13:00	37.983	19.841	33.984	36.075		29.202	36.534
1/24/13 15:00	38.428	38.322	33.869	9/21/13 14:00	37.962	19.824	34.205	36.063		29.260	36.621
1/24/13 15:20	38.451	38.347	34.111	9/21/13 15:00	37.939	19.817	34.250	36.045		29.312	36.693
1/24/13 15:40	38.461	38.361	33.928	9/21/13 16:00	37.918	19.806	34.298	36.026		29.330	36.719
1/24/13 16:00	38.433	38.336	33.729	9/21/13 17:00	37.900	19.787	34.278	36.007		29.337	36.724
1/24/13 16:20	38.451	38.354	33.855	9/21/13 18:00	37.895	19.785	34.305	35.991		29.337	36.721
1/24/13 16:40	38.444	38.350	33.783	9/21/13 19:00	37.900	19.785	34.289	35.989		29.337	36.714
1/24/13 17:00	38.451	38.352	34.052	9/21/13 20:00	37.909	19.794	34.322	35.991		29.354	36.714

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/24/13 17:20	38.468	38.375	34.020	9/21/13 21:00	37.932	19.801	34.312	36.000		29.356	36.712
1/24/13 17:40	38.461	38.366	34.076	9/21/13 22:00	37.951	19.822	34.347	36.021		29.377	36.721
1/24/13 18:00	38.419	38.324	33.726	9/21/13 23:00	37.967	19.834	34.350	36.038		29.401	36.740
1/24/13 18:20	38.426	38.331	33.888	9/22/13 0:00	37.969	19.845	34.389	36.052		29.422	36.749
1/24/13 18:40	38.416	38.322	33.733	9/22/13 1:00	37.969	19.850	34.366	36.054		29.426	36.759
1/24/13 19:00	38.419	38.322	33.813	9/22/13 2:00	37.976	19.852	34.394	36.054		29.433	36.763
1/24/13 19:20	38.412	38.315	33.724	9/22/13 3:00	37.974	19.868	34.394	36.061		29.440	36.770
1/24/13 19:40	38.402	38.298	33.881	9/22/13 4:00	37.976	19.871	34.401	36.059		29.447	36.768
1/24/13 20:00	38.412	38.308	33.811	9/22/13 5:00	37.979	19.878	34.401	36.061		29.450	36.763
1/24/13 20:20	38.386	38.286	33.639	9/22/13 6:00	37.990	19.882	34.392	36.061		29.452	36.756
1/24/13 20:40	38.377	38.277	33.597	9/22/13 7:00	37.990	19.892	34.417	36.073		29.461	36.756
1/24/13 21:00	38.370	38.268	33.576	9/22/13 8:00	37.993	19.892	34.401	36.070		29.468	36.754
1/24/13 21:20	38.360	38.258	33.555	9/22/13 9:00	38.000	19.901	34.431	36.075		29.475	36.766
1/24/13 21:40	38.351	38.247	33.539	9/22/13 10:00	38.009	19.915	34.469	36.087		29.494	36.806
1/24/13 22:00	38.358	38.258	33.588	9/22/13 11:00	38.007	19.931	34.513	36.106		29.527	36.878
1/24/13 22:20	38.349	38.244	33.541	9/22/13 12:00	37.990	19.920	34.566	36.115		29.560	36.939
1/24/13 22:40	38.363	38.259	33.604	9/22/13 13:00	37.969	19.920	34.564	36.108		29.571	36.974
1/24/13 23:00	38.379	38.275	33.825	9/22/13 14:00	37.951	19.899	34.604	36.094		29.576	36.997
1/24/13 23:20	38.367	38.263	33.722	9/22/13 15:00	37.930	19.880	34.573	36.080		29.578	36.995
1/24/13 23:40	38.381	38.272	33.874	9/22/13 16:00	37.918	19.866	34.592	36.063		29.576	36.997
1/25/13 0:00	38.367	38.265	33.609	9/22/13 17:00	37.909	19.861	34.571	36.056		29.576	36.995
1/25/13 0:20	38.353	38.251	33.562	9/22/13 18:00	37.909	19.850	34.585	36.047		29.567	36.979
1/25/13 0:40	38.339	38.235	33.534	9/22/13 19:00	37.921	19.852	34.541	36.047		29.557	36.939
1/25/13 1:00	38.358	38.251	33.773	9/22/13 20:00	37.927	19.859	34.434	36.047		29.555	36.890
1/25/13 1:20	38.349	38.247	33.567	9/22/13 21:00	37.944	19.864	34.592	36.047		29.548	36.866
1/25/13 1:40	38.335	38.230	33.529	9/22/13 22:00	37.965	19.875	34.427	36.056		29.592	36.852
1/25/13 2:00	38.325	38.219	33.508	9/22/13 23:00	37.976	19.880	34.264	36.075		29.459	36.698
1/25/13 2:20	38.318	38.214	33.499	9/23/13 0:00	37.974	19.871	34.182	36.077		29.396	36.614
1/25/13 2:40	38.311	38.207	33.489	9/23/13 1:00	37.967	19.857	34.135	36.073		29.347	36.565
1/25/13 3:00	38.332	38.226	33.635	9/23/13 2:00	37.967	19.843	34.110	36.070		29.319	36.560
1/25/13 3:20	38.318	38.219	33.522	9/23/13 3:00	37.962	19.829	34.073	36.063		29.291	36.530
1/25/13 3:40	38.332	38.233	33.567	9/23/13 4:00	37.946	19.796	34.033	36.056		29.263	36.492
1/25/13 4:00	38.321	38.216	33.515	9/23/13 5:00	37.955	19.778	34.000	36.040		29.228	36.459
1/25/13 4:20	38.311	38.207	33.496	9/23/13 6:00	37.965	19.780	33.989	36.045		29.211	36.443

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/25/13 4:40	38.309	38.202	33.485	9/23/13 7:00	37.944	19.768	33.968	36.054		29.202	36.424
1/25/13 5:00	38.309	38.205	33.482	9/23/13 8:00	37.951	19.747	33.986	36.047		29.181	36.466
1/25/13 5:20	38.304	38.202	33.478	9/23/13 9:00	37.932	19.740	34.005	36.056		29.193	36.504
1/25/13 5:40	38.304	38.202	33.473	9/23/13 10:00	37.935	19.708	34.031	36.047		29.200	36.544
1/25/13 6:00	38.311	38.205	33.478	9/23/13 11:00	37.953	19.733	34.052	36.047		29.197	36.581
1/25/13 6:20	38.307	38.200	33.478	9/23/13 12:00	37.935	19.710	34.063	36.077		29.223	36.607
1/25/13 6:40	38.304	38.198	33.473	9/23/13 13:00	37.914	19.684	34.070	36.066		29.218	36.632
1/25/13 7:00	38.314	38.209	33.475	9/23/13 14:00	37.902	19.661	34.075	36.049		29.209	36.642
1/25/13 7:20	38.316	38.212	33.478	9/23/13 15:00	37.895	19.645	34.082	36.040		29.216	36.658
1/25/13 7:40	38.325	38.219	33.480	9/23/13 16:00	37.876	19.626	34.075	36.040		29.209	36.658
1/25/13 8:00	38.330	38.226	33.487	9/23/13 17:00	37.865	19.614	34.066	36.026		29.193	36.656
1/25/13 8:20	38.337	38.230	33.489	9/23/13 18:00	37.888	19.603	34.056	36.019		29.181	36.647
1/25/13 8:40	38.344	38.235	33.497	9/23/13 19:00	37.904	19.610	34.042	36.042		29.188	36.632
1/25/13 9:00	38.344	38.240	33.503	9/23/13 20:00	37.932	19.624	34.005	36.042		29.174	36.567
1/25/13 9:20	38.349	38.242	33.501	9/23/13 21:00	37.995	19.656	33.975	36.052		29.160	36.497
1/25/13 9:40	38.370	38.265	33.628	9/23/13 22:00	38.035	19.698	34.003	36.101		29.179	36.480
1/25/13 10:00	38.363	38.258	33.539	9/23/13 23:00	38.058	19.726	33.998	36.141		29.200	36.485
1/25/13 10:20	38.365	38.258	33.527	9/24/13 0:00	38.079	19.747	33.996	36.150		29.207	36.478
1/25/13 10:40	38.367	38.258	33.525	9/24/13 1:00	38.077	19.759	33.998	36.166		29.218	36.485
1/25/13 11:00	38.391	38.286	33.661	9/24/13 2:00	38.081	19.768	34.017	36.162		29.218	36.504
1/25/13 11:20	38.395	38.289	33.576	9/24/13 3:00	38.088	19.780	34.035	36.171		29.232	36.537
1/25/13 11:40	38.398	38.291	33.569	9/24/13 4:00	38.091	19.794	34.073	36.187		29.256	36.593
1/25/13 12:00	38.400	38.294	33.564	9/24/13 5:00	38.102	19.806	34.096	36.192		29.274	36.621
1/25/13 12:20	38.402	38.294	33.557	9/24/13 6:00	38.121	19.829	34.135	36.211		29.302	36.665
1/25/13 12:40	38.421	38.317	33.632	9/24/13 7:00	38.128	19.852	34.166	36.227		29.333	36.698
1/25/13 13:00	38.416	38.310	33.581	9/24/13 8:00	38.151	19.873	34.189	36.239		29.356	36.724
1/25/13 13:20	38.405	38.298	33.564	9/24/13 9:00	38.156	19.903	34.219	36.262		29.384	36.749
1/25/13 13:40	38.395	38.289	33.546	9/24/13 10:00	38.163	19.915	34.257	36.269		29.424	36.785
1/25/13 14:00	38.386	38.279	33.532	9/24/13 11:00	38.170	19.952	34.278	36.281		29.436	36.813
1/25/13 14:20	38.395	38.291	33.586	9/24/13 12:00	38.163	19.962	34.305	36.292		29.461	36.843
1/25/13 14:40	38.433	38.324	33.773	9/24/13 13:00	38.149	19.966	34.308	36.285		29.475	36.850
1/25/13 15:00	38.437	38.331	33.586	9/24/13 14:00	38.132	19.971	34.333	36.276		29.496	36.873
1/25/13 15:20	38.416	38.310	33.555	9/24/13 15:00	38.107	19.969	34.315	36.260		29.487	36.862
1/25/13 15:40	38.405	38.298	33.628	9/24/13 16:00	38.081	19.962	34.296	36.236		29.473	36.843

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/25/13 16:00	38.407	38.303	33.581	9/24/13 17:00	38.067	19.952	34.278	36.213		29.454	36.817
1/25/13 16:20	38.391	38.284	33.546	9/24/13 18:00	38.063	19.962	34.268	36.199		29.443	36.799
1/25/13 16:40	38.377	38.272	33.529	9/24/13 19:00	38.063	19.969	34.266	36.194		29.457	36.794
1/25/13 17:00	38.372	38.265	33.520	9/24/13 20:00	38.053	19.976	34.212	36.178		29.426	36.719
1/25/13 17:20	38.365	38.258	33.513	9/24/13 21:00	38.067	19.983	34.208	36.164		29.424	36.686
1/25/13 17:40	38.372	38.268	33.564	9/24/13 22:00	38.065	20.008	34.175	36.171		29.401	36.647
1/25/13 18:00	38.363	38.256	33.525	9/24/13 23:00	38.065	20.013	34.154	36.166		29.384	36.623
1/25/13 18:20	38.384	38.275	33.510	9/25/13 0:00	38.053	20.022	34.145	36.162		29.375	36.611
1/25/13 18:40	38.388	38.282	33.508	9/25/13 1:00	38.049	20.020	34.128	36.150		29.361	36.597
1/25/13 19:00	38.384	38.277	33.506	9/25/13 2:00	38.042	20.025	34.119	36.141		29.351	36.590
1/25/13 19:20	38.377	38.270	33.506	9/25/13 3:00	38.028	20.025	34.107	36.134		29.342	36.583
1/25/13 19:40	38.379	38.270	33.508	9/25/13 4:00	38.016	20.029	34.093	36.122		29.328	36.574
1/25/13 20:00	38.393	38.282	33.761	9/25/13 5:00	38.023	20.006	34.068	36.110		29.314	36.555
1/25/13 20:20	38.402	38.294	33.637	9/25/13 6:00	38.023	20.034	34.073	36.113		29.305	36.551
1/25/13 20:40	38.458	38.354	34.010	9/25/13 7:00	38.021	20.043	34.073	36.113		29.305	36.546
1/25/13 21:00	38.507	38.413	33.975	9/25/13 8:00	38.039	20.053	34.066	36.108		29.295	36.541
1/25/13 21:20	38.512	38.415	33.900	9/25/13 9:00	38.035	20.064	34.068	36.122		29.305	36.541
1/25/13 21:40	38.547	38.452	34.148	9/25/13 10:00	38.025	20.064	34.100	36.117		29.300	36.544
1/25/13 22:00	38.542	38.443	34.235	9/25/13 11:00	38.018	20.062	34.063	36.108		29.298	36.546
1/25/13 22:20	38.538	38.438	34.076	9/25/13 12:00	37.986	20.057	34.052	36.101		29.286	36.537
1/25/13 22:40	38.531	38.436	33.905	9/25/13 13:00	37.948	20.022	34.026	36.075		29.260	36.530
1/25/13 23:00	38.500	38.401	33.759	9/25/13 14:00	37.911	20.001	34.038	36.045		29.232	36.537
1/25/13 23:20	38.493	38.396	33.794	9/25/13 15:00	37.881	19.973	34.003	36.014		29.211	36.532
1/25/13 23:40	38.523	38.424	34.066	9/25/13 16:00	37.865	19.952	34.156	35.991		29.216	36.595
1/26/13 0:00	38.531	38.431	34.087	9/25/13 17:00	37.848	19.943	34.047	35.982		29.223	36.597
1/26/13 0:20	38.519	38.422	33.867	9/25/13 18:00	37.860	19.941	34.026	35.975		29.193	36.586
1/26/13 0:40	38.517	38.420	33.923	9/25/13 19:00	37.862	19.945	34.012	35.984		29.188	36.565
1/26/13 1:00	38.491	38.392	33.743	9/25/13 20:00	37.851	19.943	33.984	35.982		29.174	36.537
1/26/13 1:20	38.486	38.389	33.815	9/25/13 21:00	37.879	19.929	33.951	35.965		29.143	36.485
1/26/13 1:40	38.463	38.364	33.696	9/25/13 22:00	37.893	19.948	33.954	35.993		29.146	36.483
1/26/13 2:00	38.442	38.343	33.654	9/25/13 23:00	37.916	19.952	33.993	36.012		29.167	36.513
1/26/13 2:20	38.430	38.329	33.630	9/26/13 0:00	37.923	19.964	33.998	36.028		29.171	36.527
1/26/13 2:40	38.435	38.336	33.708	9/26/13 1:00	37.921	19.962	33.972	36.035		29.169	36.516
1/26/13 3:00	38.416	38.315	33.630	9/26/13 2:00	37.930	19.964	33.944	36.026		29.153	36.478

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/26/13 3:20	38.405	38.305	33.604	9/26/13 3:00	37.944	19.973	33.940	36.031		29.141	36.455
1/26/13 3:40	38.409	38.308	33.661	9/26/13 4:00	37.937	19.976	33.930	36.042		29.141	36.448
1/26/13 4:00	38.393	38.291	33.600	9/26/13 5:00	37.927	19.971	33.944	36.038		29.129	36.462
1/26/13 4:20	38.381	38.277	33.571	9/26/13 6:00	37.927	19.964	33.979	36.045		29.141	36.525
1/26/13 4:40	38.370	38.268	33.558	9/26/13 7:00	37.944	19.976	34.021	36.052		29.162	36.586
1/26/13 5:00	38.374	38.275	33.616	9/26/13 8:00	37.962	19.990	34.042	36.070		29.188	36.614
1/26/13 5:20	38.360	38.256	33.557	9/26/13 9:00	37.967	20.001	34.054	36.087		29.209	36.621
1/26/13 5:40	38.351	38.247	33.539	9/26/13 10:00	37.981	20.011	34.077	36.096		29.225	36.647
1/26/13 6:00	38.346	38.242	33.525	9/26/13 11:00	37.995	20.022	34.017	36.087		29.216	36.560
1/26/13 6:20	38.339	38.237	33.513	9/26/13 12:00	37.995	20.039	33.986	36.094		29.202	36.504
1/26/13 6:40	38.335	38.230	33.506	9/26/13 13:00	37.990	20.036	33.965	36.087		29.181	36.469
1/26/13 7:00	38.328	38.226	33.501	9/26/13 14:00	37.969	20.029	33.940	36.077		29.164	36.445
1/26/13 7:20	38.325	38.221	33.499	9/26/13 15:00	37.946	20.018	33.970	36.056		29.197	36.466
1/26/13 7:40	38.330	38.223	33.494	9/26/13 16:00	37.939	20.001	33.916	36.033		29.136	36.429
1/26/13 8:00	38.335	38.228	33.492	9/26/13 17:00	37.944	20.004	33.895	36.026		29.113	36.401
1/26/13 8:20	38.337	38.230	33.492	9/26/13 18:00	37.958	20.013	33.886	36.028		29.104	36.389
1/26/13 8:40	38.337	38.230	33.492	9/26/13 19:00	37.965	20.036	33.884	36.040		29.104	36.382
1/26/13 9:00	38.335	38.228	33.492	9/26/13 20:00	37.979	20.041	33.916	36.045		29.101	36.392
1/26/13 9:20	38.339	38.233	33.492	9/26/13 21:00	38.000	20.052	33.893	36.054		29.113	36.394
1/26/13 9:40	38.339	38.235	33.494	9/26/13 22:00	38.021	20.078	33.905	36.073		29.122	36.394
1/26/13 10:00	38.337	38.230	33.497	9/26/13 23:00	38.032	20.101	33.912	36.089		29.136	36.403
1/26/13 10:20	38.342	38.235	33.494	9/27/13 0:00	38.039	20.118	33.923	36.099		29.143	36.410
1/26/13 10:40	38.349	38.242	33.492	9/27/13 1:00	38.044	20.125	33.970	36.103		29.153	36.422
1/26/13 11:00	38.349	38.242	33.492	9/27/13 2:00	38.049	20.127	33.951	36.112		29.174	36.445
1/26/13 11:20	38.346	38.240	33.489	9/27/13 3:00	38.060	20.139	33.949	36.115		29.171	36.445
1/26/13 11:40	38.344	38.237	33.487	9/27/13 4:00	38.051	20.155	33.956	36.122		29.183	36.452
1/26/13 12:00	38.360	38.258	33.569	9/27/13 5:00	38.051	20.150	33.954	36.113		29.179	36.452
1/26/13 12:20	38.356	38.251	33.513	9/27/13 6:00	38.053	20.155	33.954	36.113		29.181	36.457
1/26/13 12:40	38.353	38.244	33.494	9/27/13 7:00	38.060	20.174	33.965	36.113		29.186	36.464
1/26/13 13:00	38.342	38.235	33.482	9/27/13 8:00	38.058	20.171	33.970	36.117		29.195	36.464
1/26/13 13:20	38.335	38.228	33.468	9/27/13 9:00	38.058	20.188	33.972	36.117		29.200	36.471
1/26/13 13:40	38.318	38.214	33.457	9/27/13 10:00	38.051	20.176	33.970	36.117		29.204	36.469
1/26/13 14:00	38.309	38.202	33.440	9/27/13 11:00	38.049	20.181	33.972	36.113		29.202	36.471
1/26/13 14:20	38.297	38.191	33.426	9/27/13 12:00	38.030	20.181	33.968	36.106		29.202	36.469

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/26/13 14:40	38.309	38.202	33.654	9/27/13 13:00	38.016	20.178	33.963	36.094		29.193	36.464
1/26/13 15:00	38.339	38.233	33.867	9/27/13 14:00	37.993	20.167	33.968	36.084		29.207	36.471
1/26/13 15:20	38.384	38.279	34.104	9/27/13 15:00	37.983	20.146	33.947	36.061		29.174	36.450
1/26/13 15:40	38.398	38.305	33.815	9/27/13 16:00	37.976	20.146	33.951	36.052		29.179	36.462
1/26/13 16:00	38.458	38.361	34.378	9/27/13 17:00	37.976	20.153	33.933	36.040		29.157	36.441
1/26/13 16:20	38.449	38.352	34.095	9/27/13 18:00	37.958	20.146	33.923	36.042		29.153	36.436
1/26/13 16:40	38.428	38.329	34.130	9/27/13 19:00	37.974	20.141	33.912	36.026		29.136	36.420
1/26/13 17:00	38.409	38.315	33.750	9/27/13 20:00	37.967	20.150	33.914	36.040		29.139	36.422
1/26/13 17:20	38.377	38.275	33.839	9/27/13 21:00	38.002	20.162	33.914	36.033		29.132	36.422
1/26/13 17:40	38.356	38.258	33.607	9/27/13 22:00	37.997	20.183	33.961	36.066		29.155	36.441
1/26/13 18:00	38.386	38.291	33.799	9/27/13 23:00	37.983	20.171	33.935	36.059		29.162	36.441
1/26/13 18:20	38.365	38.272	33.668	9/28/13 0:00	37.955	20.160	33.916	36.045		29.150	36.427
1/26/13 18:40	38.379	38.282	33.811	9/28/13 1:00	37.955	20.150	33.902	36.019		29.118	36.408
1/26/13 19:00	38.400	38.305	33.930	9/28/13 2:00	37.944	20.148	33.893	36.024		29.125	36.403
1/26/13 19:20	38.402	38.308	33.799	9/28/13 3:00	38.070	20.213	33.930	36.010		29.099	36.415
1/26/13 19:40	38.405	38.310	33.717	9/28/13 4:00	38.114	20.295	33.977	36.127		29.186	36.441
1/26/13 20:00	38.374	38.275	33.597	9/28/13 5:00	38.149	20.302	33.998	36.162		29.218	36.464
1/26/13 20:20	38.346	38.247	33.541	9/28/13 6:00	38.186	20.346	34.042	36.197		29.258	36.509
1/26/13 20:40	38.328	38.226	33.503	9/28/13 7:00	38.207	20.362	34.068	36.232		29.298	36.541
1/26/13 21:00	38.316	38.214	33.482	9/28/13 8:00	38.221	20.411	34.112	36.250		29.330	36.579
1/26/13 21:20	38.302	38.200	33.466	9/28/13 9:00	38.226	20.432	34.138	36.262		29.363	36.609
1/26/13 21:40	38.293	38.191	33.454	9/28/13 10:00	38.240	20.442	34.159	36.267		29.391	36.632
1/26/13 22:00	38.281	38.179	33.440	9/28/13 11:00	38.237	20.467	34.182	36.281		29.419	36.656
1/26/13 22:20	38.283	38.179	33.607	9/28/13 12:00	38.226	20.467	34.196	36.278		29.433	36.672
1/26/13 22:40	38.276	38.174	33.454	9/28/13 13:00	38.205	20.472	34.205	36.267		29.443	36.679
1/26/13 23:00	38.272	38.167	33.426	9/28/13 14:00	38.177	20.458	34.217	36.248		29.461	36.700
1/26/13 23:20	38.258	38.156	33.412	9/28/13 15:00	38.144	20.439	34.198	36.222		29.443	36.684
1/26/13 23:40	38.241	38.137	33.386	9/28/13 16:00	38.135	20.437	34.189	36.192		29.426	36.675
1/27/13 0:00	38.237	38.137	33.382	9/28/13 17:00	38.130	20.435	34.189	36.185		29.426	36.675
1/27/13 0:20	38.230	38.123	33.370	9/28/13 18:00	38.125	20.444	34.191	36.180		29.429	36.672
1/27/13 0:40	38.223	38.121	33.363	9/28/13 19:00	38.125	20.458	34.194	36.178		29.431	36.675
1/27/13 1:00	38.218	38.116	33.353	9/28/13 20:00	38.121	20.470	34.201	36.178		29.438	36.679
1/27/13 1:20	38.211	38.107	33.344	9/28/13 21:00	38.128	20.477	34.208	36.173		29.443	36.682
1/27/13 1:40	38.202	38.097	33.332	9/28/13 22:00	38.130	20.488	34.240	36.180		29.454	36.705

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/27/13 2:00	38.195	38.090	33.325	9/28/13 23:00	38.125	20.495	34.229	36.183		29.468	36.703
1/27/13 2:20	38.188	38.083	33.316	9/29/13 0:00	38.123	20.498	34.229	36.180		29.468	36.700
1/27/13 2:40	38.176	38.071	33.302	9/29/13 1:00	38.109	20.495	34.226	36.178		29.471	36.700
1/27/13 3:00	38.174	38.064	33.290	9/29/13 2:00	38.107	20.502	34.224	36.164		29.464	36.696
1/27/13 3:20	38.165	38.062	33.285	9/29/13 3:00	38.107	20.502	34.226	36.162		29.464	36.696
1/27/13 3:40	38.155	38.050	33.274	9/29/13 4:00	38.084	20.500	34.222	36.162		29.468	36.693
1/27/13 4:00	38.141	38.039	33.260	9/29/13 5:00	38.070	20.488	34.210	36.140		29.454	36.686
1/27/13 4:20	38.132	38.025	33.245	9/29/13 6:00	38.065	20.486	34.205	36.129		29.445	36.684
1/27/13 4:40	38.120	38.020	33.236	9/29/13 7:00	38.063	20.486	34.205	36.124		29.443	36.679
1/27/13 5:00	38.116	38.011	33.227	9/29/13 8:00	38.058	20.491	34.203	36.120		29.440	36.679
1/27/13 5:20	38.106	38.004	33.213	9/29/13 9:00	38.056	20.488	34.201	36.120		29.438	36.677
1/27/13 5:40	38.097	37.992	33.201	9/29/13 10:00	38.060	20.491	34.198	36.115		29.438	36.675
1/27/13 6:00	38.087	37.983	33.192	9/29/13 11:00	38.044	20.491	34.196	36.122		29.443	36.672
1/27/13 6:20	38.078	37.976	33.182	9/29/13 12:00	38.021	20.467	34.217	36.106		29.429	36.677
1/27/13 6:40	38.071	37.969	33.175	9/29/13 13:00	37.988	20.444	34.168	36.084		29.422	36.658
1/27/13 7:00	38.071	37.966	33.171	9/29/13 14:00	37.960	20.418	34.408	36.054		29.447	36.728
1/27/13 7:20	38.062	37.959	33.159	9/29/13 15:00	37.921	20.390	34.531	36.033		29.548	36.843
1/27/13 7:40	38.059	37.955	33.152	9/29/13 16:00	37.902	20.365	34.271	36.000		29.492	36.770
1/27/13 8:00	38.060	37.955	33.147	9/29/13 17:00	37.897	20.348	34.177	35.982		29.403	36.665
1/27/13 8:20	38.055	37.950	33.140	9/29/13 18:00	37.888	20.337	34.124	35.975		29.356	36.604
1/27/13 8:40	38.055	37.950	33.142	9/29/13 19:00	37.897	20.330	34.110	35.965		29.335	36.583
1/27/13 9:00	38.064	37.952	33.421	9/29/13 20:00	37.916	20.351	34.086	35.975		29.309	36.558
1/27/13 9:20	38.067	37.964	33.187	9/29/13 21:00	37.925	20.351	34.073	35.991		29.302	36.541
1/27/13 9:40	38.064	37.959	33.163	9/29/13 22:00	37.932	20.348	34.061	36.000		29.295	36.532
1/27/13 10:00	38.062	37.955	33.149	9/29/13 23:00	37.951	20.346	34.049	36.005		29.284	36.525
1/27/13 10:20	38.069	37.964	33.140	9/30/13 0:00	37.951	20.355	34.047	36.019		29.286	36.523
1/27/13 10:40	38.081	37.971	33.138	9/30/13 1:00	37.946	20.353	34.040	36.019		29.277	36.518
1/27/13 11:00	38.090	37.985	33.138	9/30/13 2:00	37.946	20.348	34.028	36.014		29.263	36.509
1/27/13 11:20	38.088	37.983	33.135	9/30/13 3:00	37.946	20.346	34.021	36.014		29.256	36.502
1/27/13 11:40	38.085	37.980	33.135	9/30/13 4:00	37.941	20.327	34.007	36.014		29.249	36.492
1/27/13 12:00	38.090	37.983	33.133	9/30/13 5:00	37.951	20.327	34.000	36.010		29.235	36.485
1/27/13 12:20	38.088	37.983	33.131	9/30/13 6:00	37.944	20.332	33.998	36.017		29.232	36.483
1/27/13 12:40	38.090	37.980	33.389	9/30/13 7:00	37.955	20.325	33.991	36.012		29.225	36.478
1/27/13 13:00	38.104	37.994	33.410	9/30/13 8:00	37.955	20.327	33.993	36.021		29.223	36.483

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/27/13 13:20	38.165	38.062	33.691	9/30/13 9:00	37.967	20.327	33.993	36.021		29.221	36.485
1/27/13 13:40	38.169	38.074	33.410	9/30/13 10:00	37.967	20.332	34.035	36.031		29.228	36.485
1/27/13 14:00	38.209	38.107	33.977	9/30/13 11:00	37.958	20.323	34.003	36.031		29.235	36.499
1/27/13 14:20	38.272	38.184	33.961	9/30/13 12:00	37.958	20.311	33.984	36.024		29.218	36.485
1/27/13 14:40	38.246	38.156	33.790	9/30/13 13:00	37.948	20.313	33.975	36.021		29.211	36.476
1/27/13 15:00	38.218	38.121	33.642	9/30/13 14:00	37.923	20.297	33.961	36.012		29.197	36.462
1/27/13 15:20	38.185	38.086	33.365	9/30/13 15:00	37.914	20.271	33.951	35.991		29.188	36.457
1/27/13 15:40	38.171	38.069	33.543	9/30/13 16:00	37.904	20.267	33.928	35.984		29.162	36.436
1/27/13 16:00	38.185	38.086	33.492	9/30/13 17:00	37.902	20.264	33.916	35.972		29.146	36.420
1/27/13 16:20	38.225	38.184	33.513	9/30/13 18:00	37.904	20.257	33.902	35.972		29.134	36.408
1/27/13 16:40	38.353	38.305	33.677	9/30/13 19:00	37.918	20.260	33.900	35.972		29.125	36.406
1/27/13 17:00	38.402	38.347	33.724	9/30/13 20:00	37.932	20.262	33.905	35.986		29.129	36.406
1/27/13 17:20	38.507	38.483	33.987	9/30/13 21:00	37.948	20.281	33.909	35.996		29.132	36.410
1/27/13 17:40	38.475	38.502	33.851	9/30/13 22:00	37.960	20.285	33.916	36.012		29.143	36.420
1/27/13 18:00	38.566	38.546	33.625	9/30/13 23:00	37.976	20.293	33.926	36.021		29.148	36.424
1/27/13 18:20	38.379	38.282	33.651	10/1/13 0:00	37.981	20.292	33.942	36.033		29.171	36.445
1/27/13 18:40	38.335	38.240	33.572	10/1/13 1:00	37.990	20.299	33.940	36.038		29.164	36.443
1/27/13 19:00	38.309	38.212	33.602	10/1/13 2:00	37.993	20.307	33.942	36.047		29.171	36.441
1/27/13 19:20	38.283	38.184	33.440	10/1/13 3:00	38.004	20.304	33.942	36.049		29.169	36.441
1/27/13 19:40	38.260	38.158	33.393	10/1/13 4:00	38.002	20.313	33.944	36.059		29.176	36.443
1/27/13 20:00	38.246	38.144	33.367	10/1/13 5:00	38.007	20.316	33.947	36.056		29.174	36.445
1/27/13 20:20	38.241	38.137	33.353	10/1/13 6:00	38.018	20.325	33.951	36.059		29.179	36.450
1/27/13 20:40	38.234	38.130	33.344	10/1/13 7:00	38.042	20.344	33.968	36.068		29.190	36.459
1/27/13 21:00	38.232	38.128	33.335	10/1/13 8:00	38.095	20.369	33.991	36.091		29.211	36.480
1/27/13 21:20	38.248	38.146	33.426	10/1/13 9:00	38.109	20.414	34.028	36.138		29.251	36.511
1/27/13 21:40	38.234	38.130	33.360	10/1/13 10:00	38.104	20.423	34.045	36.152		29.274	36.532
1/27/13 22:00	38.234	38.130	33.346	10/1/13 11:00	38.107	20.425	34.054	36.150		29.284	36.546
1/27/13 22:20	38.234	38.130	33.337	10/1/13 12:00	38.098	20.437	34.091	36.152		29.316	36.579
1/27/13 22:40	38.234	38.128	33.332	10/1/13 13:00	38.084	20.430	34.075	36.143		29.309	36.572
1/27/13 23:00	38.232	38.125	33.328	10/1/13 14:00	38.053	20.418	34.063	36.129		29.300	36.565
1/27/13 23:20	38.234	38.128	33.328	10/1/13 15:00	38.032	20.400	34.359	36.103		29.375	36.677
1/27/13 23:40	38.232	38.125	33.325	10/1/13 16:00	38.014	20.393	34.459	36.087		29.471	36.794
1/28/13 0:00	38.225	38.118	33.321	10/1/13 17:00	38.002	20.376	34.534	36.070		29.522	36.852
1/28/13 0:20	38.225	38.118	33.318	10/1/13 18:00	37.997	20.374	34.566	36.063		29.560	36.890

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/28/13 0:40	38.225	38.118	33.318	10/1/13 19:00	38.004	20.379	34.550	36.063		29.597	36.918
1/28/13 1:00	38.223	38.116	33.316	10/1/13 20:00	38.016	20.390	34.310	36.066		29.508	36.782
1/28/13 1:20	38.223	38.118	33.316	10/1/13 21:00	38.032	20.411	34.238	36.075		29.447	36.693
1/28/13 1:40	38.220	38.114	33.316	10/1/13 22:00	38.030	20.423	34.203	36.089		29.424	36.649
1/28/13 2:00	38.216	38.109	33.311	10/1/13 23:00	38.037	20.423	34.175	36.087		29.403	36.623
1/28/13 2:20	38.216	38.107	33.306	10/2/13 0:00	38.042	20.430	34.159	36.094		29.394	36.607
1/28/13 2:40	38.206	38.102	33.302	10/2/13 1:00	38.039	20.446	34.147	36.096		29.384	36.595
1/28/13 3:00	38.202	38.095	33.292	10/2/13 2:00	38.035	20.435	34.133	36.094		29.375	36.583
1/28/13 3:20	38.197	38.093	33.290	10/2/13 3:00	38.032	20.432	34.121	36.089		29.363	36.574
1/28/13 3:40	38.192	38.086	33.285	10/2/13 4:00	38.021	20.437	34.133	36.087		29.368	36.581
1/28/13 4:00	38.192	38.086	33.281	10/2/13 5:00	38.018	20.425	34.110	36.077		29.349	36.567
1/28/13 4:20	38.185	38.078	33.276	10/2/13 6:00	38.018	20.430	34.098	36.075		29.337	36.558
1/28/13 4:40	38.181	38.074	33.271	10/2/13 7:00	38.018	20.437	34.091	36.075		29.335	36.553
1/28/13 5:00	38.178	38.071	33.269	10/2/13 8:00	38.018	20.449	34.091	36.075		29.330	36.555
1/28/13 5:20	38.176	38.069	33.267	10/2/13 9:00	38.021	20.453	34.091	36.073		29.328	36.555
1/28/13 5:40	38.181	38.074	33.264	10/2/13 10:00	38.021	20.458	34.093	36.077		29.330	36.562
1/28/13 6:00	38.181	38.074	33.260	10/2/13 11:00	38.021	20.456	34.091	36.077		29.328	36.565
1/28/13 6:20	38.176	38.069	33.257	10/2/13 12:00	37.997	20.451	34.128	36.077		29.330	36.583
1/28/13 6:40	38.176	38.069	33.255	10/2/13 13:00	37.976	20.430	34.112	36.066		29.330	36.604
1/28/13 7:00	38.174	38.067	33.252	10/2/13 14:00	37.962	20.418	34.117	36.056		29.323	36.625
1/28/13 7:20	38.171	38.062	33.250	10/2/13 15:00	37.937	20.400	34.114	36.045		29.321	36.637
1/28/13 7:40	38.176	38.069	33.250	10/2/13 16:00	37.921	20.383	34.091	36.021		29.300	36.614
1/28/13 8:00	38.178	38.071	33.255	10/2/13 17:00	37.911	20.367	34.068	36.005		29.281	36.588
1/28/13 8:20	38.176	38.074	33.260	10/2/13 18:00	37.909	20.360	34.073	35.996		29.265	36.565
1/28/13 8:40	38.185	38.081	33.356	10/2/13 19:00	37.918	20.365	34.063	36.000		29.267	36.574
1/28/13 9:00	38.188	38.078	33.285	10/2/13 20:00	37.937	20.379	34.045	36.003		29.258	36.551
1/28/13 9:20	38.183	38.069	33.267	10/2/13 21:00	37.946	20.383	34.026	36.012		29.256	36.520
1/28/13 9:40	38.176	38.067	33.262	10/2/13 22:00	37.955	20.395	34.070	36.019		29.291	36.551
1/28/13 10:00	38.172	38.064	33.257	10/2/13 23:00	37.951	20.388	34.047	36.028		29.267	36.532
1/28/13 10:20	38.171	38.064	33.255	10/3/13 0:00	37.941	20.381	34.026	36.024		29.253	36.516
1/28/13 10:40	38.172	38.064	33.250	10/3/13 1:00	37.927	20.374	34.012	36.014		29.239	36.509
1/28/13 11:00	38.169	38.064	33.250	10/3/13 2:00	37.925	20.353	33.993	36.003		29.223	36.490
1/28/13 11:20	38.165	38.064	33.250	10/3/13 3:00	37.937	20.360	33.989	36.000		29.211	36.483
1/28/13 11:40	38.169	38.062	33.243	10/3/13 4:00	37.914	20.362	33.972	36.007		29.209	36.459

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/28/13 12:00	38.167	38.062	33.246	10/3/13 5:00	37.909	20.346	33.947	35.984		29.181	36.434
1/28/13 12:20	38.160	38.055	33.239	10/3/13 6:00	37.923	20.353	33.951	35.982		29.164	36.420
1/28/13 12:40	38.157	38.050	33.231	10/3/13 7:00	37.967	20.376	33.954	35.993		29.176	36.434
1/28/13 13:00	38.146	38.041	33.222	10/3/13 8:00	37.974	20.402	33.968	36.028		29.200	36.438
1/28/13 13:20	38.141	38.034	33.213	10/3/13 9:00	37.986	20.395	34.000	36.045		29.207	36.473
1/28/13 13:40	38.134	38.027	33.201	10/3/13 10:00	37.988	20.414	34.042	36.063		29.232	36.544
1/28/13 14:00	38.139	38.029	33.421	10/3/13 11:00	37.969	20.409	34.068	36.070		29.256	36.593
1/28/13 14:20	38.122	38.020	33.217	10/3/13 12:00	37.934	20.383	34.063	36.059		29.258	36.611
1/28/13 14:40	38.104	37.999	33.177	10/3/13 13:00	37.911	20.362	34.077	36.028		29.239	36.607
1/28/13 15:00	38.087	37.983	33.154	10/3/13 14:00	37.886	20.344	34.028	36.000		29.232	36.576
1/28/13 15:20	38.265	38.240	33.295	10/3/13 15:00	37.865	20.318	34.000	35.982		29.197	36.544
1/28/13 15:40	38.367	38.382	33.163	10/3/13 16:00	37.860	20.302	33.982	35.963		29.174	36.523
1/28/13 16:00	38.519	38.632	33.149	10/3/13 17:00	37.858	20.302	33.968	35.958		29.160	36.502
1/28/13 16:20	38.626	38.742	33.149	10/3/13 18:00	37.865	20.297	33.944	35.954		29.143	36.473
1/28/13 16:40	38.635	38.773	33.161	10/3/13 19:00	37.881	20.299	34.080	35.956		29.134	36.464
1/28/13 17:00	38.668	38.681	33.274	10/3/13 20:00	37.907	20.323	34.289	35.968		29.270	36.614
1/28/13 17:20	38.566	38.527	33.372	10/3/13 21:00	37.927	20.339	34.303	35.991		29.373	36.710
1/28/13 17:40	38.398	38.310	33.248	10/3/13 22:00	37.939	20.353	34.105	36.007		29.302	36.597
1/28/13 18:00	38.332	38.231	33.224	10/3/13 23:00	37.948	20.353	34.063	36.019		29.256	36.544
1/28/13 18:20	38.307	38.209	33.285	10/4/13 0:00	37.944	20.360	34.091	36.028		29.244	36.539
1/28/13 18:40	38.251	38.151	33.227	10/4/13 1:00	37.937	20.346	34.054	36.031		29.242	36.551
1/28/13 19:00	38.206	38.104	33.196	10/4/13 2:00	37.937	20.346	34.066	36.033		29.237	36.579
1/28/13 19:20	38.174	38.069	33.201	10/4/13 3:00	37.939	20.346	34.066	36.038		29.242	36.590
1/28/13 19:40	38.162	38.060	33.215	10/4/13 4:00	37.925	20.341	34.047	36.035		29.237	36.569
1/28/13 20:00	38.190	38.083	33.661	10/4/13 5:00	37.930	20.334	34.033	36.026		29.221	36.546
1/28/13 20:20	38.281	38.186	34.017	10/4/13 6:00	37.934	20.348	34.052	36.031		29.235	36.567
1/28/13 20:40	38.262	38.172	33.571	10/4/13 7:00	37.944	20.348	34.038	36.033		29.225	36.546
1/28/13 21:00	38.302	38.205	34.146	10/4/13 8:00	37.958	20.362	34.038	36.045		29.225	36.548
1/28/13 21:20	38.281	38.184	33.933	10/4/13 9:00	37.967	20.374	34.028	36.052		29.228	36.532
1/28/13 21:40	38.279	38.186	33.691	10/4/13 10:00	37.979	20.376	34.024	36.054		29.225	36.516
1/28/13 22:00	38.255	38.156	33.804	10/4/13 11:00	37.979	20.386	34.061	36.068		29.249	36.551
1/28/13 22:20	38.265	38.172	33.654	10/4/13 12:00	37.986	20.393	34.077	36.077		29.253	36.590
1/28/13 22:40	38.260	38.158	33.834	10/4/13 13:00	38.002	20.388	34.091	36.084		29.267	36.614
1/28/13 23:00	38.260	38.160	33.839	10/4/13 14:00	38.046	20.430	34.140	36.106		29.295	36.661

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/28/13 23:20	38.253	38.158	33.637	10/4/13 15:00	38.058	20.458	34.168	36.150		29.342	36.689
1/28/13 23:40	38.265	38.172	33.651	10/4/13 16:00	38.093	20.477	34.182	36.155		29.351	36.691
1/29/13 0:00	38.246	38.153	33.541	10/4/13 17:00	38.118	20.505	34.224	36.194		29.389	36.721
1/29/13 0:20	38.230	38.109	33.384	10/4/13 18:00	38.132	20.546	34.278	36.222		29.429	36.777
1/29/13 0:40	38.232	38.135	33.445	10/4/13 19:00	38.167	20.565	34.312	36.241		29.466	36.822
1/29/13 1:00	38.232	38.135	33.428	10/4/13 20:00	38.237	20.614	34.361	36.278		29.513	36.869
1/29/13 1:20	38.237	38.139	33.489	10/4/13 21:00	38.263	20.672	34.403	36.337		29.576	36.890
1/29/13 1:40	38.246	38.139	33.670	10/4/13 22:00	38.275	20.705	34.415	36.351		29.616	36.892
1/29/13 2:00	38.239	38.139	33.417	10/4/13 23:00	38.281	20.724	34.420	36.362		29.634	36.890
1/29/13 2:20	38.253	38.151	33.555	10/5/13 0:00	38.277	20.747	34.443	36.372		29.646	36.904
1/29/13 2:40	38.244	38.139	33.518	10/5/13 1:00	38.242	20.752	34.459	36.365		29.667	36.925
1/29/13 3:00	38.237	38.137	33.410	10/5/13 2:00	38.226	20.749	34.510	36.332		29.669	36.932
1/29/13 3:20	38.227	38.125	33.367	10/5/13 3:00	38.198	20.752	34.445	36.313		29.674	36.913
1/29/13 3:40	38.223	38.118	33.344	10/5/13 4:00	38.186	20.733	34.408	36.281		29.648	36.862
1/29/13 4:00	38.234	38.132	33.393	10/5/13 5:00	38.172	20.745	34.399	36.269		29.639	36.841
1/29/13 4:20	38.213	38.109	33.342	10/5/13 6:00	38.160	20.761	34.385	36.250		29.625	36.810
1/29/13 4:40	38.192	38.088	33.306	10/5/13 7:00	38.139	20.754	34.373	36.239		29.618	36.789
1/29/13 5:00	38.204	38.102	33.314	10/5/13 8:00	38.137	20.756	34.403	36.234		29.618	36.838
1/29/13 5:20	38.206	38.100	33.311	10/5/13 9:00	38.114	20.754	34.431	36.236		29.639	36.890
1/29/13 5:40	38.197	38.088	33.299	10/5/13 10:00	38.102	20.754	34.438	36.222		29.646	36.911
1/29/13 6:00	38.181	38.076	33.288	10/5/13 11:00	38.109	20.756	34.476	36.220		29.658	36.953
1/29/13 6:20	38.192	38.086	33.292	10/5/13 12:00	38.095	20.770	34.552	36.232		29.718	37.032
1/29/13 6:40	38.213	38.102	33.351	10/5/13 13:00	38.051	20.749	34.571	36.218		29.711	37.039
1/29/13 7:00	38.199	38.095	33.323	10/5/13 14:00	38.039	20.731	34.531	36.187		29.700	37.042
1/29/13 7:20	38.204	38.102	33.314	10/5/13 15:00	37.997	20.721	34.527	36.178		29.704	37.037
1/29/13 7:40	38.202	38.093	33.299	10/5/13 16:00	37.983	20.693	34.494	36.148		29.672	37.009
1/29/13 8:00	38.192	38.086	33.288	10/5/13 17:00	37.986	20.686	34.485	36.138		29.655	36.990
1/29/13 8:20	38.185	38.078	33.281	10/5/13 18:00	37.995	20.696	34.482	36.143		29.651	36.983
1/29/13 8:40	38.178	38.074	33.274	10/5/13 19:00	38.009	20.710	34.487	36.150		29.655	36.974
1/29/13 9:00	38.181	38.074	33.271	10/5/13 20:00	38.011	20.712	34.478	36.164		29.662	36.969
1/29/13 9:20	38.188	38.083	33.356	10/5/13 21:00	38.018	20.710	34.485	36.155		29.658	36.944
1/29/13 9:40	38.176	38.071	33.288	10/5/13 22:00	38.039	20.728	34.420	36.147		29.646	36.878
1/29/13 10:00	38.183	38.074	33.496	10/5/13 23:00	38.028	20.738	34.387	36.159		29.632	36.813
1/29/13 10:20	38.197	38.095	33.384	10/6/13 0:00	38.028	20.733	34.352	36.140		29.602	36.775

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/29/13 10:40	38.197	38.090	33.314	10/6/13 1:00	38.016	20.728	34.336	36.136		29.585	36.747
1/29/13 11:00	38.197	38.095	33.368	10/6/13 2:00	38.023	20.714	34.361	36.143		29.581	36.789
1/29/13 11:20	38.202	38.097	33.320	10/6/13 3:00	38.016	20.728	34.366	36.143		29.592	36.815
1/29/13 11:40	38.190	38.083	33.297	10/6/13 4:00	38.009	20.721	34.340	36.133		29.578	36.785
1/29/13 12:00	38.190	38.083	33.285	10/6/13 5:00	38.011	20.712	34.308	36.122		29.560	36.740
1/29/13 12:20	38.185	38.078	33.276	10/6/13 6:00	38.030	20.726	34.303	36.122		29.548	36.726
1/29/13 12:40	38.176	38.074	33.271	10/6/13 7:00	38.035	20.740	34.298	36.134		29.546	36.703
1/29/13 13:00	38.174	38.067	33.262	10/6/13 8:00	38.030	20.735	34.301	36.138		29.548	36.714
1/29/13 13:20	38.171	38.064	33.257	10/6/13 9:00	38.058	20.749	34.329	36.140		29.546	36.752
1/29/13 13:40	38.165	38.057	33.246	10/6/13 10:00	38.070	20.763	34.375	36.176		29.581	36.813
1/29/13 14:00	38.174	38.067	33.304	10/6/13 11:00	38.077	20.775	34.410	36.194		29.609	36.869
1/29/13 14:20	38.202	38.100	33.503	10/6/13 12:00	38.067	20.784	34.604	36.206		29.648	36.937
1/29/13 14:40	38.213	38.109	33.510	10/6/13 13:00	38.063	20.766	34.599	36.204		29.782	37.079
1/29/13 15:00	38.197	38.095	33.342	10/6/13 14:00	38.032	20.768	34.538	36.201		29.721	37.035
1/29/13 15:20	38.216	38.114	33.485	10/6/13 15:00	38.002	20.733	34.494	36.173		29.688	36.986
1/29/13 15:40	38.216	38.114	33.633	10/6/13 16:00	38.000	20.721	34.469	36.150		29.651	36.948
1/29/13 16:00	38.225	38.123	33.433	10/6/13 17:00	38.004	20.728	34.669	36.150		29.716	37.044
1/29/13 16:20	38.218	38.118	33.450	10/6/13 18:00	38.016	20.726	34.524	36.152		29.711	37.002
1/29/13 16:40	38.188	38.090	33.344	10/6/13 19:00	38.028	20.747	34.476	36.157		29.681	36.939
1/29/13 17:00	38.160	38.057	33.285	10/6/13 20:00	38.051	20.763	34.436	36.155		29.669	36.864
1/29/13 17:20	38.172	38.067	33.332	10/6/13 21:00	38.067	20.777	34.406	36.164		29.648	36.801
1/29/13 17:40	38.204	38.090	33.625	10/6/13 22:00	38.093	20.796	34.401	36.173		29.648	36.787
1/29/13 18:00	38.230	38.118	33.834	10/6/13 23:00	38.102	20.812	34.389	36.194		29.646	36.773
1/29/13 18:20	38.237	38.139	33.515	10/7/13 0:00	38.104	20.828	34.385	36.197		29.639	36.768
1/29/13 18:40	38.239	38.139	33.543	10/7/13 1:00	38.095	20.826	34.375	36.197		29.639	36.763
1/29/13 19:00	38.209	38.109	33.386	10/7/13 2:00	38.104	20.819	34.368	36.187		29.630	36.759
1/29/13 19:20	38.218	38.116	33.473	10/7/13 3:00	38.107	20.833	34.366	36.194		29.634	36.756
1/29/13 19:40	38.195	38.090	33.344	10/7/13 4:00	38.098	20.842	34.361	36.194		29.632	36.752
1/29/13 20:00	38.185	38.083	33.314	10/7/13 5:00	38.104	20.842	34.357	36.187		29.627	36.745
1/29/13 20:20	38.185	38.078	33.304	10/7/13 6:00	38.104	20.854	34.357	36.187		29.623	36.740
1/29/13 20:40	38.160	38.069	33.283	10/7/13 7:00	38.102	20.854	34.352	36.185		29.620	36.738
1/29/13 21:00	38.167	38.060	33.274	10/7/13 8:00	38.114	20.861	34.347	36.183		29.616	36.733
1/29/13 21:20	38.174	38.064	33.276	10/7/13 9:00	38.118	20.875	34.359	36.194		29.627	36.740
1/29/13 21:40	38.160	38.062	33.269	10/7/13 10:00	38.116	20.882	34.387	36.194		29.630	36.761

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/29/13 22:00	38.167	38.060	33.267	10/7/13 11:00	38.098	20.875	34.422	36.192		29.641	36.763
1/29/13 22:20	38.176	38.064	33.274	10/7/13 12:00	38.084	20.868	34.373	36.176		29.639	36.775
1/29/13 22:40	38.183	38.071	33.283	10/7/13 13:00	38.044	20.852	34.357	36.164		29.627	36.773
1/29/13 23:00	38.185	38.078	33.283	10/7/13 14:00	38.009	20.826	34.333	36.131		29.602	36.756
1/29/13 23:20	38.188	38.078	33.285	10/7/13 15:00	37.981	20.798	34.298	36.098		29.567	36.726
1/29/13 23:40	38.190	38.081	33.288	10/7/13 16:00	37.960	20.784	34.275	36.075		29.538	36.703
1/30/13 0:00	38.188	38.081	33.288	10/7/13 17:00	37.944	20.765	34.250	36.054		29.513	36.679
1/30/13 0:20	38.195	38.086	33.288	10/7/13 18:00	37.939	20.754	34.229	36.040		29.489	36.656
1/30/13 0:40	38.199	38.090	33.292	10/7/13 19:00	37.941	20.754	34.268	36.033		29.478	36.654
1/30/13 1:00	38.206	38.095	33.450	10/7/13 20:00	37.953	20.756	34.326	36.038		29.576	36.735
1/30/13 1:20	38.220	38.111	33.346	10/7/13 21:00	37.974	20.766	34.264	36.047		29.513	36.679
1/30/13 1:40	38.220	38.114	33.328	10/7/13 22:00	37.990	20.777	34.252	36.063		29.501	36.658
1/30/13 2:00	38.220	38.111	33.318	10/7/13 23:00	37.993	20.779	34.240	36.077		29.501	36.656
1/30/13 2:20	38.218	38.111	33.318	10/8/13 0:00	37.986	20.770	34.231	36.077		29.492	36.651
1/30/13 2:40	38.220	38.111	33.318	10/8/13 1:00	37.981	20.761	34.236	36.077		29.485	36.661
1/30/13 3:00	38.225	38.116	33.320	10/8/13 2:00	37.981	20.754	34.229	36.070		29.478	36.665
1/30/13 3:20	38.227	38.121	33.325	10/8/13 3:00	37.981	20.749	34.219	36.070		29.473	36.651
1/30/13 3:40	38.232	38.123	33.328	10/8/13 4:00	37.974	20.749	34.205	36.068		29.464	36.635
1/30/13 4:00	38.232	38.125	33.332	10/8/13 5:00	37.979	20.737	34.196	36.059		29.450	36.621
1/30/13 4:20	38.234	38.125	33.332	10/8/13 6:00	37.965	20.730	34.182	36.063		29.443	36.607
1/30/13 4:40	38.239	38.130	33.337	10/8/13 7:00	37.962	20.721	34.175	36.052		29.426	36.593
1/30/13 5:00	38.246	38.132	33.339	10/8/13 8:00	37.969	20.721	34.196	36.061		29.429	36.632
1/30/13 5:20	38.246	38.137	33.349	10/8/13 9:00	37.981	20.719	34.226	36.073		29.440	36.677
1/30/13 5:40	38.251	38.142	33.353	10/8/13 10:00	37.979	20.721	34.257	36.089		29.475	36.714
1/30/13 6:00	38.260	38.151	33.360	10/8/13 11:00	37.979	20.717	34.275	36.091		29.475	36.740
1/30/13 6:20	38.267	38.156	33.372	10/8/13 12:00	37.965	20.712	34.287	36.094		29.487	36.773
1/30/13 6:40	38.272	38.160	33.377	10/8/13 13:00	37.951			36.094		29.506	36.815
1/30/13 7:00	38.276	38.167	33.384	10/8/13 14:00	37.930			36.084		29.499	36.822
1/30/13 7:20	38.286	38.174	33.396	10/8/13 15:00	37.911						36.820
1/30/13 7:40	38.302	38.188	33.405	10/8/13 16:00	37.909	20.595	34.264	36.063		29.464	36.803
1/30/13 8:00	38.309	38.200	33.414	10/8/13 17:00							36.799
1/30/13 8:20	38.323	38.212	33.421								
1/30/13 8:40	38.332	38.223	33.431	10/8/13 20:00	37.946	20.607	34.243	36.087		29.461	
1/30/13 9:00	38.344	38.233	33.440	10/9/13 0:00	37.995	20.628	34.231	36.122		29.466	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/30/13 9:20	38.356	38.242	33.452	10/9/13 4:00	38.000	20.621	34.175	36.112		29.433	
1/30/13 9:40	38.363	38.251	33.464	10/9/13 8:00	38.009	20.626	34.156	36.122		29.415	
1/30/13 10:00	38.363	38.251	33.471	10/9/13 12:00	38.030	20.635	34.196	36.136		29.450	
1/30/13 10:20	38.384	38.270	33.632	10/9/13 16:00	37.953	20.542	34.226	36.096		29.443	
1/30/13 10:40	38.379	38.270	33.515	10/9/13 20:00	38.009	20.560	34.271	36.131		29.492	
1/30/13 11:00	38.381	38.272	33.506	10/10/13 0:00	38.044	20.544	34.697	36.150		29.751	
1/30/13 11:20	38.384	38.275	33.503	10/10/13 4:00	38.023	20.490	34.806	36.131		29.849	
1/30/13 11:40	38.379	38.272	33.499	10/10/13 8:00	37.990	20.421	34.832	36.105		29.882	
1/30/13 12:00	38.384	38.275	33.501	10/10/13 12:00	37.986	20.374	34.923	36.117		29.957	
1/30/13 12:20	38.384	38.272	33.501	10/10/13 16:00	37.883	20.227	34.909	36.042		29.917	
1/30/13 12:40	38.405	38.294	33.665	10/10/13 20:00	37.876	20.150	34.655	36.045		29.803	
1/30/13 13:00	38.395	38.291	33.543	10/11/13 0:00	37.925	20.113	34.832	36.103		29.891	
1/30/13 13:20	38.409	38.305	33.635	10/11/13 4:00	37.883	20.015	34.720	36.045		29.817	
1/30/13 13:40	38.400	38.294	33.548	10/11/13 8:00	37.918	19.978	34.634	36.075		29.786	
1/30/13 14:00	38.393	38.286	33.525	10/11/13 12:00	38.000	19.987	34.399	36.138		29.653	
1/30/13 14:20	38.384	38.277	33.513	10/11/13 16:00	38.007	19.943	34.261	36.124		29.550	
1/30/13 14:40	38.379	38.270	33.501	10/11/13 20:00	38.128	20.020	34.611	36.234		29.761	
1/30/13 15:00	38.372	38.263	33.494	10/12/13 0:00	38.177	20.043	34.937	36.274		30.025	
1/30/13 15:20	38.388	38.282	33.625	10/12/13 4:00	38.186	20.043	35.074	36.281		30.149	
1/30/13 15:40	38.395	38.291	33.588	10/12/13 8:00	38.237	20.083	35.195	36.325		30.282	
1/30/13 16:00	38.465	38.357	34.141	10/12/13 12:00	38.235	20.078	35.333	36.337		30.410	
1/30/13 16:20	38.498	38.396	34.205	10/12/13 16:00	38.107	19.961	35.149	36.213		30.322	
1/30/13 16:40	38.493	38.389	34.062	10/12/13 20:00	38.109	19.945	34.750	36.208		30.064	
1/30/13 17:00	38.477	38.382	33.825	10/13/13 0:00	38.172	19.971	34.699	36.255		30.034	
1/30/13 17:20	38.447	38.343	33.672	10/13/13 4:00	38.135	19.917	34.657	36.220		29.985	
1/30/13 17:40	38.442	38.343	33.675	10/13/13 8:00	38.158	19.917	34.655	36.239		29.987	
1/30/13 18:00	38.491	38.392	33.982	10/13/13 12:00	38.132	19.868	34.706	36.241		29.999	
1/30/13 18:20	38.482	38.389	33.851	10/13/13 16:00	37.976	19.714	34.643	36.115		29.908	
1/30/13 18:40	38.493	38.394	33.949	10/13/13 20:00	37.997	19.684	34.615	36.126		29.889	
1/30/13 19:00	38.482	38.387	33.862	10/14/13 0:00	37.990	19.630	34.520	36.110		29.817	
1/30/13 19:20	38.475	38.378	33.787	10/14/13 4:00	37.923	19.514	34.396	36.038		29.700	
1/30/13 19:40	38.442	38.340	33.675	10/14/13 8:00	37.879	19.425	34.322	35.998		29.611	
1/30/13 20:00	38.421	38.319	33.623	10/14/13 12:00	37.827	19.328	34.301	35.975		29.555	
1/30/13 20:20	38.430	38.324	33.733	10/14/13 16:00	37.746	19.190	34.257	35.921		29.473	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/30/13 20:40	38.407	38.308	33.614	10/14/13 20:00	37.916	19.262	34.429	36.047		29.576	
1/30/13 21:00	38.395	38.289	33.581	10/15/13 0:00	38.081	19.349	34.865	36.194		29.931	
1/30/13 21:20	38.381	38.279	33.560	10/15/13 4:00	38.118	19.372	34.974	36.220		30.055	
1/30/13 21:40	38.370	38.270	33.543	10/15/13 8:00	38.149	19.386	35.072	36.241		30.156	
1/30/13 22:00	38.393	38.286	33.668	10/15/13 12:00	38.128	19.369	35.275	36.257		30.296	
1/30/13 22:20	38.379	38.272	33.567	10/15/13 16:00	38.058	19.300	35.002	36.218		30.179	
1/30/13 22:40	38.384	38.284	33.628	10/15/13 20:00	38.104	19.330	34.788	36.225		30.062	
1/30/13 23:00	38.370	38.268	33.560	10/16/13 0:00	38.118	19.323	34.643	36.218		29.962	
1/30/13 23:20	38.356	38.251	33.529	10/16/13 4:00	38.079	19.281	34.552	36.176		29.877	
1/30/13 23:40	38.351	38.244	33.515	10/16/13 8:00	38.060	19.241	34.508	36.152		29.831	
1/31/13 0:00	38.342	38.235	33.501	10/16/13 12:00	38.021	19.192	34.480	36.112		29.791	
1/31/13 0:20	38.335	38.230	33.494	10/16/13 16:00	37.925	19.092	34.387	36.024		29.683	
1/31/13 0:40	38.351	38.249	33.562	10/16/13 20:00	37.937	19.064	34.368	36.031		29.637	
1/31/13 1:00	38.342	38.237	33.515	10/17/13 0:00	37.962	19.052	34.315	36.054		29.620	
1/31/13 1:20	38.360	38.254	33.623	10/17/13 4:00	37.953	19.025	34.287	36.040		29.585	
1/31/13 1:40	38.346	38.244	33.529	10/17/13 8:00	37.972	19.034	34.254	36.054		29.560	
1/31/13 2:00	38.339	38.235	33.508	10/17/13 12:00	38.023	19.066	34.298	36.096		29.597	
1/31/13 2:20	38.335	38.230	33.496	10/17/13 16:00	37.993	19.029	34.264	36.054		29.557	
1/31/13 2:40	38.332	38.226	33.489	10/17/13 20:00	38.009	19.122	34.562	36.136		29.730	
1/31/13 3:00	38.332	38.230	33.489	10/18/13 0:00	38.060	19.183	34.548	36.166		29.805	
1/31/13 3:20	38.328	38.224	33.482	10/18/13 4:00	38.053	19.197	34.420	36.145		29.725	
1/31/13 3:40	38.325	38.223	33.480	10/18/13 8:00	38.058	19.232	34.408	36.143		29.716	
1/31/13 4:00	38.328	38.223	33.482	10/18/13 12:00	38.074	19.304	34.455	36.178		29.763	
1/31/13 4:20	38.328	38.226	33.485	10/18/13 16:00	38.051	19.265	34.392	36.096		29.740	
1/31/13 4:40	38.330	38.228	33.482	10/18/13 20:00	38.009	19.253	34.354	36.059		29.653	
1/31/13 5:00	38.330	38.223	33.482	10/19/13 0:00	38.004	19.274	34.347	36.059		29.646	
1/31/13 5:20	38.330	38.223	33.482	10/19/13 4:00	37.988	19.271	34.298	36.042		29.602	
1/31/13 5:40	38.351	38.240	33.623	10/19/13 8:00	37.979	19.281	34.298	36.031		29.588	
1/31/13 6:00	38.351	38.242	33.529	10/19/13 12:00	37.981	19.274	34.261	36.007		29.553	
1/31/13 6:20	38.346	38.237	33.511	10/19/13 16:00	37.927	19.234	34.168	35.951		29.459	
1/31/13 6:40	38.346	38.240	33.506	10/19/13 20:00	37.902	19.260	34.133	35.972		29.426	
1/31/13 7:00	38.351	38.242	33.508	10/20/13 0:00	37.932	19.278	34.133	35.989		29.424	
1/31/13 7:20	38.363	38.251	33.518	10/20/13 4:00	37.911	19.278	34.091	35.970		29.377	
1/31/13 7:40	38.374	38.263	33.525	10/20/13 8:00	37.925	19.290	34.070	35.982		29.361	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/31/13 8:00	38.381	38.275	33.536	10/20/13 12:00	37.962	19.362	34.138	36.038		29.417	
1/31/13 8:20	38.379	38.275	33.536	10/20/13 16:00	37.976	19.376	34.114	36.028		29.401	
1/31/13 8:40	38.386	38.279	33.546	10/20/13 20:00	38.011	19.491	34.271	36.115		29.534	
1/31/13 9:00	38.402	38.294	33.560	10/21/13 0:00	38.114	19.609	34.315	36.197		29.611	
1/31/13 9:20	38.409	38.298	33.569	10/21/13 4:00	38.123	19.665	34.373	36.197		29.667	
1/31/13 9:40	38.423	38.312	33.583	10/21/13 8:00	38.107	19.710	34.385	36.180		29.688	
1/31/13 10:00	38.435	38.322	33.597	10/21/13 12:00	38.086	19.724	34.452	36.133		29.733	
1/31/13 10:20	38.444	38.336	33.611	10/21/13 16:00	38.023	19.651	34.434	36.014		29.672	
1/31/13 10:40	38.461	38.354	33.630	10/21/13 20:00	37.983	19.670	34.315	36.014		29.599	
1/31/13 11:00	38.472	38.366	33.644	10/22/13 0:00	37.983	19.691	34.312	36.026		29.576	
1/31/13 11:20	38.500	38.394	33.724	10/22/13 4:00	37.979	19.684	34.257	36.007		29.548	
1/31/13 11:40	38.510	38.401	33.701	10/22/13 8:00	37.988	19.756	34.259	36.063		29.562	
1/31/13 12:00	38.544	38.434	33.895	10/22/13 12:00	38.014	19.798	34.315	36.087		29.606	
1/31/13 12:20	38.549	38.441	33.764	10/22/13 16:00	38.011	19.786	34.315	36.052		29.602	
1/31/13 12:40	38.554	38.445	33.750	10/22/13 20:00	38.014	19.833	34.371	36.082		29.653	
1/31/13 13:00	38.556	38.450	33.747	10/23/13 0:00	38.072	19.910	34.385	36.124		29.686	
1/31/13 13:20	38.563	38.455	33.747	10/23/13 4:00	38.056	19.943	34.385	36.108		29.686	
1/31/13 13:40	38.582	38.473	33.998	10/23/13 8:00	38.037	19.959	34.366	36.082		29.669	
1/31/13 14:00	38.601	38.499	33.886	10/23/13 12:00	38.014	19.919	34.324	36.019		29.620	
1/31/13 14:20	38.603	38.495	33.818	10/23/13 16:00	37.981	19.896	34.336	35.968		29.599	
1/31/13 14:40	38.596	38.487	33.797	10/23/13 20:00	37.995	19.994	34.485	36.075		29.718	
1/31/13 15:00	38.596	38.485	33.787	10/24/13 0:00	38.116	20.108	34.441	36.173		29.744	
1/31/13 15:20	38.612	38.506	33.886	10/24/13 4:00	38.142	20.166	34.489	36.190		29.798	
1/31/13 15:40	38.603	38.502	33.822	10/24/13 8:00	38.167	20.248	34.536	36.215		29.849	
1/31/13 16:00	38.601	38.495	33.801	10/24/13 12:00	38.184	20.304	34.641	36.213		29.915	
1/31/13 16:20	38.596	38.490	33.794	10/24/13 16:00	38.123	20.264	34.562	36.117		29.868	
1/31/13 16:40	38.591	38.485	33.787	10/24/13 20:00	38.074	20.297	34.687	36.119		29.964	
1/31/13 17:00	38.591	38.480	33.787	10/25/13 0:00	38.095	20.341	34.615	36.143		29.929	
1/31/13 17:20	38.619	38.506	34.027	10/25/13 4:00	38.072	20.339	34.583	36.105		29.896	
1/31/13 17:40	38.650	38.544	34.095	10/25/13 8:00	38.056	20.336	34.538	36.080		29.854	
1/31/13 18:00	38.745	38.630	34.702	10/25/13 12:00	38.046	20.332	34.522	36.047		29.828	
1/31/13 18:20	38.761	38.670	34.385	10/25/13 16:00	37.951	20.197	34.429	35.909		29.683	
1/31/13 18:40	38.747	38.644	34.345	10/25/13 20:00	37.941	20.201	34.319	35.928		29.616	
1/31/13 19:00	38.745	38.642	34.301	10/26/13 0:00	37.948	20.199	34.278	35.940		29.576	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/31/13 19:20	38.731	38.635	34.238	10/26/13 4:00	37.951	20.206	34.315	35.956		29.583	
1/31/13 19:40	38.706	38.604	34.022	10/26/13 8:00	38.000	20.283	34.303	36.061		29.609	
1/31/13 20:00	38.712	38.611	34.036	10/26/13 12:00	38.104	20.385	34.394	36.140		29.702	
1/31/13 20:20	38.715	38.602	33.975	10/26/13 16:00	38.067	20.346	34.715	36.075		29.861	
1/31/13 20:40	38.745	38.642	34.022	10/26/13 20:00	38.035	20.355	34.690	36.063		29.910	
1/31/13 21:00	38.731	38.628	33.966	10/27/13 0:00	38.016	20.357	34.452	36.045		29.751	
1/31/13 21:20	38.715	38.609	33.944	10/27/13 4:00	37.993	20.315	34.350	35.991		29.653	
1/31/13 21:40	38.699	38.593	33.928	10/27/13 8:00	37.965	20.278	34.271	35.954		29.574	
1/31/13 22:00	38.701	38.600	33.970	10/27/13 12:00	37.960	20.255	34.254	35.935		29.541	
1/31/13 22:20	38.689	38.588	33.935	10/27/13 16:00	37.920	20.185	34.175	35.872		29.450	
1/31/13 22:40	38.703	38.595	34.249	10/27/13 20:00	37.916	20.206	34.252	35.928		29.480	
1/31/13 23:00	38.692	38.588	33.973	10/28/13 0:00	37.937	20.252	34.187	35.986		29.466	
1/31/13 23:20	38.673	38.572	33.933	10/28/13 4:00	37.953	20.276	34.182	36.012		29.468	
1/31/13 23:40	38.689	38.583	34.043	10/28/13 8:00	38.025	20.353	34.250	36.073		29.517	
2/1/13 0:00	38.668	38.567	33.937	10/28/13 12:00	38.067	20.399	34.296	36.103		29.588	
2/1/13 0:20	38.647	38.546	33.902	10/28/13 16:00	38.021	20.341	34.226	36.010		29.517	
2/1/13 0:40	38.638	38.541	33.886	10/28/13 20:00	38.009	20.416	34.287	36.054		29.576	
2/1/13 1:00	38.631	38.527	33.874	10/29/13 0:00	38.016	20.392	34.303	36.024		29.581	
2/1/13 1:20	38.659	38.553	34.052	10/29/13 4:00	37.981	20.371	34.233	35.984		29.515	
2/1/13 1:40	38.642	38.541	33.914	10/29/13 8:00	37.974	20.399	34.215	36.007		29.508	
2/1/13 2:00	38.626	38.523	33.884	10/29/13 12:00	37.979	20.404	34.238	35.998		29.515	
2/1/13 2:20	38.647	38.548	34.048	10/29/13 16:00	37.960	20.367	34.161	35.958		29.450	
2/1/13 2:40	38.624	38.530	33.907	10/29/13 20:00	38.002	20.460	34.229	36.047		29.522	
2/1/13 3:00	38.617	38.513	33.874	10/30/13 0:00	38.044	20.490	34.264	36.070		29.567	
2/1/13 3:20	38.603	38.502	33.851	10/30/13 4:00	38.002	20.453	34.224	36.005		29.513	
2/1/13 3:40	38.612	38.504	34.059	10/30/13 8:00	37.974	20.430	34.180	35.970		29.468	
2/1/13 4:00	38.601	38.499	33.872	10/30/13 12:00	37.960	20.444	34.201	35.979		29.480	
2/1/13 4:20	38.587	38.485	33.841	10/30/13 16:00	37.939	20.395	34.154	35.933		29.431	
2/1/13 4:40	38.582	38.478	33.827	10/30/13 20:00	37.937	20.434	34.208	35.970		29.466	
2/1/13 5:00	38.570	38.466	33.811	10/31/13 0:00	37.937	20.404	34.128	35.958		29.415	
2/1/13 5:20	38.563	38.457	33.799	10/31/13 4:00	37.918	20.336	34.056	35.886		29.335	
2/1/13 5:40	38.551	38.452	33.792	10/31/13 8:00	37.916	20.383	34.096	35.930		29.351	
2/1/13 6:00	38.542	38.441	33.780	10/31/13 12:00	37.920	20.378	34.117	35.947		29.354	
2/1/13 6:20	38.535	38.436	33.773	10/31/13 16:00	37.916	20.364	34.073	35.926		29.309	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/1/13 6:40	38.531	38.427	33.762	10/31/13 20:00	37.920	20.395	34.086	35.970		29.354	
2/1/13 7:00	38.523	38.420	33.757	11/1/13 0:00	38.011	20.490	34.632	36.059		29.695	
2/1/13 7:20	38.521	38.415	33.750	11/1/13 4:00	38.028	20.520	34.809	36.073		29.868	
2/1/13 7:40	38.519	38.417	33.743	11/1/13 8:00	38.063	20.593	34.953	36.110		30.004	
2/1/13 8:00	38.517	38.413	33.738	11/1/13 12:00	38.121	20.674	34.932	36.166		30.104	
2/1/13 8:20	38.512	38.408	33.738	11/1/13 16:00	38.069	20.674	35.014	36.112		30.107	
2/1/13 8:40	38.503	38.399	33.729	11/1/13 20:00	38.118	20.753	34.757	36.164		30.036	
2/1/13 9:00	38.498	38.396	33.719	11/2/13 0:00	38.165	20.840	34.669	36.199		29.994	
2/1/13 9:20	38.496	38.392	33.719	11/2/13 4:00	38.149	20.879	34.632	36.182		29.969	
2/1/13 9:40	38.491	38.385	33.715	11/2/13 8:00	38.158	20.940	34.653	36.189		29.985	
2/1/13 10:00	38.486	38.382	33.712	11/2/13 12:00	38.144	20.961	34.820	36.161		30.062	
2/1/13 10:20	38.479	38.378	33.705	11/2/13 16:00	38.058	20.865	34.594	36.026		29.908	
2/1/13 10:40	38.475	38.371	33.696	11/2/13 20:00	38.004	20.854	34.496	35.996		29.819	
2/1/13 11:00	38.470	38.366	33.689	11/3/13 0:00	37.976	20.819	34.441	35.965		29.756	
2/1/13 11:20	38.470	38.366	33.686	11/3/13 4:00	37.937	20.760	34.373	35.933		29.672	
2/1/13 11:40	38.461	38.359	33.679	11/3/13 8:00	37.911	20.697	34.366	35.912		29.632	
2/1/13 12:00	38.468	38.366	33.724	11/3/13 12:00	37.902	20.665	34.387	35.928		29.625	
2/1/13 12:20	38.475	38.373	33.747	11/3/13 16:00	37.844	20.572	34.399	35.888		29.595	
2/1/13 12:40	38.465	38.361	33.703	11/3/13 20:00	37.858	20.583	34.389	35.944		29.592	
2/1/13 13:00	38.454	38.352	33.677	11/4/13 0:00	37.890	20.618	34.401	36.024		29.625	
2/1/13 13:20	38.444	38.340	33.661	11/4/13 4:00	37.902	20.618	34.382	36.035		29.609	
2/1/13 13:40	38.440	38.333	33.862	11/4/13 8:00	38.016	20.721	34.350	36.117		29.641	
2/1/13 14:00	38.447	38.345	33.787	11/4/13 12:00	38.188	20.886	34.646	36.297		29.870	
2/1/13 14:20	38.430	38.326	33.668	11/4/13 16:00	38.125	20.872	34.718	36.229		29.950	
2/1/13 14:40	38.437	38.333	33.729	11/4/13 20:00	38.142	20.944	34.615	36.227		29.927	
2/1/13 15:00	38.414	38.312	33.647	11/5/13 0:00	38.104	20.956	34.571	36.180		29.894	
2/1/13 15:20	38.398	38.296	33.614	11/5/13 4:00	38.049	20.912	34.499	36.096		29.814	
2/1/13 15:40	38.384	38.282	33.595	11/5/13 8:00	37.986	20.851	34.448	36.024		29.747	
2/1/13 16:00	38.377	38.272	33.581	11/5/13 12:00	37.960	20.805	34.336	35.977		29.653	
2/1/13 16:20	38.365	38.261	33.564	11/5/13 16:00	37.918	20.786	34.287	35.982		29.585	
2/1/13 16:40	38.353	38.251	33.553	11/5/13 20:00	38.074	20.949	34.559	36.196		29.826	
2/1/13 17:00	38.356	38.249	33.550	11/6/13 0:00	38.179	21.042	34.697	36.271		29.973	
2/1/13 17:20	38.379	38.277	33.663	11/6/13 4:00	38.144	21.068	34.704	36.241		29.997	
2/1/13 17:40	38.386	38.284	33.719	11/6/13 8:00	38.156	21.115	34.687	36.255		30.004	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/1/13 18:00	38.433	38.333	34.148	11/6/13 12:00	38.167	21.154	34.727	36.239		30.053	
2/1/13 18:20	38.463	38.366	33.984	11/6/13 16:00	38.100	21.091	34.690	36.136		29.999	
2/1/13 18:40	38.505	38.410	34.334	11/6/13 20:00	38.051	21.115	34.639	36.131		29.966	
2/1/13 19:00	38.526	38.427	34.256	11/7/13 0:00	38.097	21.164	35.063	36.175		30.221	
2/1/13 19:20	38.558	38.457	34.163	11/7/13 4:00	38.097	21.175	35.258	36.182		30.373	
2/1/13 19:40	38.586	38.487	33.916	11/7/13 8:00	38.125	21.219	35.344	36.208		30.478	
2/1/13 20:00	38.584	38.480	33.776	11/7/13 12:00	38.139	21.236	35.556	36.211		30.623	
2/1/13 20:20	38.591	38.487	33.949	11/7/13 16:00	38.074	21.164	35.212	36.105		30.450	
2/1/13 20:40	38.547	38.448	33.740	11/7/13 20:00	38.035	21.152	34.853	36.075		30.188	
2/1/13 21:00	38.530	38.434	33.797	11/8/13 0:00	37.995	21.087	34.708	36.031		30.034	
2/1/13 21:20	38.498	38.396	33.700	11/8/13 4:00	37.918	20.961	34.529	35.921		29.854	
2/1/13 21:40	38.472	38.373	33.670	11/8/13 8:00	37.837	20.868	34.371	35.858		29.697	
2/1/13 22:00	38.454	38.352	33.647	11/8/13 12:00	37.818	20.819	34.387	35.893		29.662	
2/1/13 22:20	38.461	38.359	33.740	11/8/13 16:00	37.781	20.716	34.438	35.881		29.653	
2/1/13 22:40	38.440	38.338	33.656	11/8/13 20:00	37.876	20.809	34.329	36.000		29.630	
2/1/13 23:00	38.426	38.324	33.630	11/9/13 0:00	37.990	20.854	34.331	36.087		29.655	
2/1/13 23:20	38.414	38.312	33.611	11/9/13 4:00	38.030	20.884	34.392	36.115		29.700	
2/1/13 23:40	38.402	38.301	33.600	11/9/13 8:00	38.111	20.970	34.424	36.187		29.758	
2/2/13 0:00	38.400	38.294	33.757	11/9/13 12:00	38.149	21.021	34.545	36.243		29.849	
2/2/13 0:20	38.402	38.301	33.625	11/9/13 16:00	38.093	20.993	34.618	36.166		29.901	
2/2/13 0:40	38.393	38.291	33.597	11/9/13 20:00	38.109	21.063	34.578	36.199		29.901	
2/2/13 1:00	38.386	38.284	33.586	11/10/13 0:00	38.144	21.121	34.608	36.222		29.945	
2/2/13 1:20	38.402	38.298	33.632	11/10/13 4:00	38.118	21.133	34.615	36.194		29.950	
2/2/13 1:40	38.398	38.291	33.604	11/10/13 8:00	38.111	21.159	34.627	36.189		29.964	
2/2/13 2:00	38.391	38.289	33.593	11/10/13 12:00	38.088	21.145	34.685	36.152		29.992	
2/2/13 2:20	38.386	38.282	33.586	11/10/13 16:00	38.016	21.042	34.611	36.033		29.882	
2/2/13 2:40	38.384	38.279	33.583	11/10/13 20:00	37.993	21.042	34.513	36.042		29.828	
2/2/13 3:00	38.381	38.279	33.576	11/11/13 0:00	37.988	21.038	34.487	36.042		29.803	
2/2/13 3:20	38.402	38.301	33.635	11/11/13 4:00	37.981	21.012	34.420	36.033		29.744	
2/2/13 3:40	38.398	38.296	33.609	11/11/13 8:00	37.974	21.007	34.396	36.042		29.721	
2/2/13 4:00	38.398	38.294	33.600	11/11/13 12:00	38.090	21.136	34.550	36.206		29.849	
2/2/13 4:20	38.400	38.296	33.600	11/11/13 16:00	38.158	21.210	34.785	36.285		30.043	
2/2/13 4:40	38.402	38.298	33.602	11/11/13 20:00	38.258	21.329	34.976	36.388		30.233	
2/2/13 5:00	38.405	38.298	33.597	11/12/13 0:00	38.274	21.443	35.044	36.446		30.343	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/2/13 5:20	38.402	38.298	33.597	11/12/13 4:00	38.295	21.487	35.063	36.407		30.378	
2/2/13 5:40	38.400	38.296	33.597	11/12/13 8:00	38.258	21.536	35.044	36.369		30.392	
2/2/13 6:00	38.402	38.298	33.593	11/12/13 12:00	38.237	21.541	35.097	36.302		30.415	
2/2/13 6:20	38.407	38.298	33.595	11/12/13 16:00	38.125	21.427	34.913	36.138		30.242	
2/2/13 6:40	38.405	38.301	33.595	11/12/13 20:00	38.060	21.357	34.774	36.061		30.107	
2/2/13 7:00	38.414	38.308	33.600	11/13/13 0:00	38.037	21.350	34.722	36.068		30.060	
2/2/13 7:20	38.419	38.312	33.604	11/13/13 4:00	38.016	21.287	34.601	36.019		29.943	
2/2/13 7:40	38.421	38.317	33.609	11/13/13 8:00	37.981	21.217	34.510	35.975		29.840	
2/2/13 8:00	38.428	38.322	33.611	11/13/13 12:00	37.934	21.147	34.503	35.968		29.796	
2/2/13 8:20	38.430	38.322	33.611	11/13/13 16:00	37.820	21.012	34.515	35.898		29.716	
2/2/13 8:40	38.428	38.324	33.611	11/13/13 20:00	37.851	20.991	34.424	35.937		29.672	
2/2/13 9:00	38.430	38.324	33.611	11/14/13 0:00	37.886	20.958	34.301	35.958		29.595	
2/2/13 9:20	38.435	38.329	33.614	11/14/13 4:00	37.895	20.895	34.189	35.935		29.492	
2/2/13 9:40	38.433	38.329	33.616	11/14/13 8:00	37.895	20.874	34.173	35.963		29.461	
2/2/13 10:00	38.435	38.329	33.618	11/14/13 12:00	37.930	20.898	34.215	36.021		29.485	
2/2/13 10:20	38.440	38.336	33.625	11/14/13 16:00	37.934	20.842	34.156	35.996		29.447	
2/2/13 10:40	38.451	38.345	33.630	11/14/13 20:00	37.939	20.851	34.149	36.021		29.447	
2/2/13 11:00	38.463	38.357	33.632	11/15/13 0:00	37.948	20.851	34.152	36.035		29.445	
2/2/13 11:20	38.468	38.359	33.635	11/15/13 4:00	37.948	20.816	34.110	36.017		29.415	
2/2/13 11:40	38.475	38.368	33.639	11/15/13 8:00	37.941	20.812	34.098	36.017		29.396	
2/2/13 12:00	38.486	38.378	33.642	11/15/13 12:00	37.941	20.774	34.082	35.991		29.375	
2/2/13 12:20	38.500	38.394	33.712	11/15/13 16:00	37.837	20.641	34.005	35.874		29.263	
2/2/13 12:40	38.493	38.385	33.675	11/15/13 20:00	37.846	20.646	34.250	35.912		29.368	
2/2/13 13:00	38.486	38.382	33.663	11/16/13 0:00	37.858	20.611	34.597	35.926		29.602	
2/2/13 13:20	38.482	38.375	33.654	11/16/13 4:00	37.825	20.548	34.664	35.909		29.648	
2/2/13 13:40	38.479	38.373	33.649	11/16/13 8:00	37.813	20.534	34.660	35.921		29.669	
2/2/13 14:00	38.470	38.364	33.644	11/16/13 12:00	37.860	20.597	34.264	35.998		29.499	
2/2/13 14:20	38.463	38.357	33.637	11/16/13 16:00	37.881	20.562	34.033	35.961		29.321	
2/2/13 14:40	38.456	38.350	33.628	11/16/13 20:00	37.881	20.572	34.047	35.972		29.279	
2/2/13 15:00	38.451	38.347	33.621	11/17/13 0:00	37.872	20.506	33.944	35.921		29.211	
2/2/13 15:20	38.451	38.345	33.614	11/17/13 4:00	37.879	20.574	33.947	36.003		29.223	
2/2/13 15:40	38.444	38.340	33.604	11/17/13 8:00	38.111	20.772	34.152	36.201		29.440	
2/2/13 16:00	38.463	38.357	33.726	11/17/13 12:00	38.223	20.898	34.366	36.318		29.632	
2/2/13 16:20	38.542	38.436	34.320	11/17/13 16:00	38.237	20.975	34.469	36.337		29.740	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/2/13 16:40	38.635	38.541	34.589	11/17/13 20:00	38.316	21.114	34.797	36.407		30.029	
2/2/13 17:00	38.650	38.560	34.207	11/18/13 0:00	38.284	21.159	34.683	36.360		30.004	
2/2/13 17:20	38.652	38.560	34.224	11/18/13 4:00	38.219	21.184	34.643	36.299		29.976	
2/2/13 17:40	38.626	38.534	34.031	11/18/13 8:00	38.202	21.226	34.657	36.281		29.999	
2/2/13 18:00	38.601	38.506	33.970	11/18/13 12:00	38.179	21.266	34.736	36.257		30.057	
2/2/13 18:20	38.577	38.483	33.926	11/18/13 16:00	38.028	21.168	34.627	36.131		29.948	
2/2/13 18:40	38.582	38.480	34.221	11/18/13 20:00	38.016	21.180	34.590	36.115		29.920	
2/2/13 19:00	38.582	38.490	33.961	11/19/13 0:00	38.014	21.189	34.592	36.112		29.917	
2/2/13 19:20	38.566	38.471	33.914	11/19/13 4:00	37.976	21.163	34.520	36.077		29.849	
2/2/13 19:40	38.559	38.462	33.905	11/19/13 8:00	37.916	21.100	34.427	36.021		29.756	
2/2/13 20:00	38.531	38.431	33.804	11/19/13 12:00	37.878	21.047	34.441	36.010		29.730	
2/2/13 20:20	38.514	38.413	33.762	11/19/13 16:00	37.767	20.928	34.445	35.940		29.679	
2/2/13 20:40	38.503	38.401	33.736	11/19/13 20:00	37.851	20.956	34.399	36.005		29.669	
2/2/13 21:00	38.491	38.387	33.719	11/20/13 0:00	37.876	20.944	34.308	36.010		29.606	
2/2/13 21:20	38.482	38.382	33.705	11/20/13 4:00	37.890	20.921	34.250	36.012		29.560	
2/2/13 21:40	38.472	38.371	33.694	11/20/13 8:00	37.904	20.907	34.203	36.017		29.520	
2/2/13 22:00	38.465	38.361	33.682	11/20/13 12:00	37.939	20.912	34.229	36.045		29.538	
2/2/13 22:20	38.461	38.357	33.675	11/20/13 16:00	37.888	20.863	34.198	36.000		29.501	
2/2/13 22:40	38.458	38.354	33.670	11/20/13 20:00	37.979	20.926	34.219	36.075		29.534	
2/2/13 23:00	38.456	38.354	33.668	11/21/13 0:00	38.046	20.977	34.706	36.136		29.826	
2/2/13 23:20	38.477	38.375	33.766	11/21/13 4:00	38.123	21.061	35.063	36.245		30.114	
2/2/13 23:40	38.468	38.364	33.700	11/21/13 8:00	38.216	21.163	35.372	36.351		30.399	
2/3/13 0:00	38.463	38.359	33.682	11/21/13 12:00	38.286	21.282	35.589	36.435		30.625	
2/3/13 0:20	38.461	38.357	33.672	11/21/13 16:00	38.228	21.294	35.668	36.386		30.714	
2/3/13 0:40	38.461	38.357	33.672	11/21/13 20:00	38.293	21.394	35.410	36.446		30.656	
2/3/13 1:00	38.458	38.352	33.668	11/22/13 0:00	38.314	21.469	35.356	36.470		30.639	
2/3/13 1:20	38.463	38.359	33.668	11/22/13 4:00	38.253	21.483	35.344	36.421		30.632	
2/3/13 1:40	38.465	38.361	33.672	11/22/13 8:00	38.230	21.518	35.256	36.362		30.555	
2/3/13 2:00	38.465	38.359	33.672	11/22/13 12:00	38.230	21.569	35.277	36.372		30.586	
2/3/13 2:20	38.472	38.364	33.768	11/22/13 16:00	38.090	21.473	35.111	36.229		30.455	
2/3/13 2:40	38.479	38.373	33.719	11/22/13 20:00	38.079	21.471	34.993	36.206		30.361	
2/3/13 3:00	38.472	38.368	33.691	11/23/13 0:00	38.076	21.471	34.939	36.196		30.308	
2/3/13 3:20	38.472	38.368	33.682	11/23/13 4:00	38.100	21.494	34.918	36.213		30.289	
2/3/13 3:40	38.472	38.366	33.677	11/23/13 8:00	38.172	21.543	35.072	36.311		30.396	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/3/13 4:00	38.470	38.364	33.672	11/23/13 12:00	38.223	21.590	35.265	36.355		30.506	
2/3/13 4:20	38.468	38.361	33.668	11/23/13 16:00	38.114	21.511	35.107	36.250		30.422	
2/3/13 4:40	38.461	38.357	33.661	11/23/13 20:00	38.095	21.490	34.979	36.215		30.338	
2/3/13 5:00	38.456	38.352	33.651	11/24/13 0:00	38.065	21.452	34.904	36.185		30.268	
2/3/13 5:20	38.456	38.350	33.649	11/24/13 4:00	38.049	21.424	34.846	36.164		30.212	
2/3/13 5:40	38.454	38.347	33.647	11/24/13 8:00	37.986	21.347	34.760	36.105		30.116	
2/3/13 6:00	38.451	38.345	33.644	11/24/13 12:00	37.941	21.282	34.718	36.063		30.057	
2/3/13 6:20	38.454	38.345	33.644	11/24/13 16:00	37.851	21.161	34.622	35.984		29.938	
2/3/13 6:40	38.449	38.345	33.644	11/24/13 20:00	37.827	21.098	34.499	35.963		29.828	
2/3/13 7:00	38.447	38.340	33.639	11/25/13 0:00	37.839	21.045	34.427	35.972		29.756	
2/3/13 7:20	38.444	38.340	33.635	11/25/13 4:00	37.869	21.012	34.401	35.998		29.721	
2/3/13 7:40	38.442	38.338	33.635	11/25/13 8:00	37.906	20.991	34.352	36.028		29.683	
2/3/13 8:00	38.440	38.333	33.630	11/25/13 12:00	38.004	21.028	34.438	36.110		29.763	
2/3/13 8:20	38.437	38.333	33.630	11/25/13 16:00	37.962	20.968	34.548	36.084		29.793	
2/3/13 8:40	38.435	38.329	33.625	11/25/13 20:00	38.004	20.993	34.452	36.112		29.770	
2/3/13 9:00	38.437	38.331	33.623	11/26/13 0:00	38.058	21.026	34.489	36.159		29.807	
2/3/13 9:20	38.440	38.333	33.621	11/26/13 4:00	38.058	21.019	34.520	36.164		29.833	
2/3/13 9:40	38.447	38.340	33.621	11/26/13 8:00	38.095	21.056	34.538	36.194		29.863	
2/3/13 10:00	38.458	38.357	33.691	11/26/13 12:00	38.144	21.105	34.741	36.283		30.008	
2/3/13 10:20	38.449	38.343	33.647	11/26/13 16:00	38.076	21.065	34.848	36.238		30.078	
2/3/13 10:40	38.440	38.333	33.630	11/26/13 20:00	38.109	21.103	34.734	36.236		30.050	
2/3/13 11:00	38.433	38.329	33.618	11/27/13 0:00	38.123	21.131	34.708	36.236		30.039	
2/3/13 11:20	38.423	38.317	33.607	11/27/13 4:00	38.083	21.110	34.660	36.194		29.999	
2/3/13 11:40	38.440	38.336	33.841	11/27/13 8:00	38.037	21.072	34.604	36.147		29.941	
2/3/13 12:00	38.456	38.347	33.966	11/27/13 12:00	37.972	21.014	34.636	36.089		29.936	
2/3/13 12:20	38.526	38.427	34.310	11/27/13 16:00	37.816	20.867	34.550	35.972		29.814	
2/3/13 12:40	38.582	38.487	34.482	11/27/13 20:00	37.848	20.865	34.415	35.986		29.725	
2/3/13 13:00	38.561	38.464	34.231	11/28/13 0:00	37.878	20.846	34.396	36.010		29.700	
2/3/13 13:20	38.579	38.490	34.139	11/28/13 4:00	37.979	20.907	34.387	36.091		29.711	
2/3/13 13:40	38.542	38.448	34.139	11/28/13 8:00	38.111	20.996	34.508	36.206		29.805	
2/3/13 14:00	38.519	38.427	33.907	11/28/13 12:00	38.186	21.063	34.699	36.292		29.959	
2/3/13 14:20	38.493	38.399	33.834	11/28/13 16:00	38.114	21.040	34.743	36.229		30.025	
2/3/13 14:40	38.461	38.359	34.003	11/28/13 20:00	38.130	21.079	34.778	36.234		30.074	
2/3/13 15:00	38.437	38.340	33.717	11/29/13 0:00	38.125	21.096	34.690	36.222		30.025	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/3/13 15:20	38.442	38.340	34.001	11/29/13 4:00	38.076	21.065	34.632	36.175		29.971	
2/3/13 15:40	38.442	38.345	33.958	11/29/13 8:00	38.011	21.021	34.571	36.115		29.903	
2/3/13 16:00	38.444	38.350	33.820	11/29/13 12:00	37.962	20.977	34.527	36.073		29.854	
2/3/13 16:20	38.440	38.345	33.829	11/29/13 16:00	37.830	20.851	34.844	35.984		29.945	
2/3/13 16:40	38.398	38.303	33.658	11/29/13 20:00	37.895	20.877	34.541	36.028		29.831	
2/3/13 17:00	38.363	38.263	33.590	11/30/13 0:00	37.927	20.874	34.482	36.049		29.751	
2/3/13 17:20	38.337	38.235	33.546	11/30/13 4:00	37.939	20.860	34.403	36.054		29.718	
2/3/13 17:40	38.323	38.219	33.724	11/30/13 8:00	37.995	20.895	34.392	36.098		29.721	
2/3/13 18:00	38.360	38.263	33.766	11/30/13 12:00	38.007	20.895	34.459	36.108		29.744	
2/3/13 18:20	38.365	38.268	33.829	11/30/13 16:00	37.946	20.832	34.389	36.054		29.693	
2/3/13 18:40	38.358	38.261	33.937	11/30/13 20:00	37.979	20.856	34.434	36.082		29.737	
2/3/13 19:00	38.335	38.235	33.872	12/1/13 0:00	38.016	20.881	34.431	36.112		29.749	
2/3/13 19:20	38.330	38.230	33.574	12/1/13 4:00	38.000	20.872	34.406	36.096		29.723	
2/3/13 19:40	38.328	38.228	33.675	12/1/13 8:00	38.002	20.872	34.378	36.096		29.702	
2/3/13 20:00	38.300	38.200	33.515	12/1/13 12:00	38.004	20.877	34.783	36.101		29.887	
2/3/13 20:20	38.281	38.179	33.489	12/1/13 16:00	37.878	20.772	34.396	35.993		29.686	
2/3/13 20:40	38.274	38.174	33.501	12/1/13 20:00	37.872	20.765	34.350	35.984		29.641	
2/3/13 21:00	38.248	38.146	33.445	12/2/13 0:00	37.844	20.718	34.277	35.956		29.560	
2/3/13 21:20	38.230	38.128	33.410	12/2/13 4:00	37.827	20.683	34.166	35.940		29.471	
2/3/13 21:40	38.213	38.111	33.386	12/2/13 8:00	37.830	20.648	34.105	35.940		29.412	
2/3/13 22:00	38.197	38.097	33.367	12/2/13 12:00	37.848	20.644	34.175	35.956		29.452	
2/3/13 22:20	38.185	38.086	33.353	12/2/13 16:00	37.771	20.560	34.021	35.888		29.312	
2/3/13 22:40	38.178	38.074	33.339	12/2/13 20:00	37.827	20.583	34.166	35.940		29.415	
2/3/13 23:00	38.169	38.064	33.325	12/3/13 0:00	37.860	20.585	34.068	35.965		29.351	
2/3/13 23:20	38.162	38.060	33.318	12/3/13 4:00	37.874	20.576	34.028	35.977		29.326	
2/3/13 23:40	38.155	38.050	33.309	12/3/13 8:00	37.876	20.571	34.003	35.977		29.300	
2/4/13 0:00	38.148	38.043	33.302	12/3/13 12:00	37.916	20.597	34.271	36.010		29.433	
2/4/13 0:20	38.143	38.041	33.297	12/3/13 16:00	37.878	20.569	34.790	36.014		29.732	
2/4/13 0:40	38.143	38.039	33.288	12/3/13 20:00	37.997	20.662	34.450	36.126		29.679	
2/4/13 1:00	38.136	38.034	33.283	12/4/13 0:00	38.039	20.714	34.422	36.168		29.676	
2/4/13 1:20	38.137	38.029	33.276	12/4/13 4:00	38.016	20.718	34.524	36.171		29.742	
2/4/13 1:40	38.134	38.027	33.274	12/4/13 8:00	38.081	20.790	34.538	36.229		29.789	
2/4/13 2:00	38.127	38.022	33.269	12/4/13 12:00	38.125	20.856	34.669	36.276		29.896	
2/4/13 2:20	38.130	38.022	33.264	12/4/13 16:00	38.079	20.856	34.699	36.241		29.934	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/4/13 2:40	38.130	38.022	33.262	12/4/13 20:00	38.167	20.963	35.018	36.311		30.142	
2/4/13 3:00	38.148	38.041	33.433	12/5/13 0:00	38.279	21.093	34.948	36.421		30.223	
2/4/13 3:20	38.144	38.039	33.304	12/5/13 4:00	38.265	21.147	34.976	36.404		30.265	
2/4/13 3:40	38.139	38.034	33.283	12/5/13 8:00	38.242	21.184	34.951	36.365		30.277	
2/4/13 4:00	38.141	38.034	33.281	12/5/13 12:00	38.230	21.219	34.997	36.358		30.322	
2/4/13 4:20	38.146	38.039	33.278	12/5/13 16:00	38.086	21.142	34.983	36.238		30.249	
2/4/13 4:40	38.148	38.041	33.278	12/5/13 20:00	38.088	21.156	35.107	36.217		30.345	
2/4/13 5:00	38.153	38.048	33.285	12/6/13 0:00	38.160	21.222	35.021	36.290		30.343	
2/4/13 5:20	38.158	38.053	33.290	12/6/13 4:00	38.153	21.217	35.016	36.287		30.343	
2/4/13 5:40	38.162	38.055	33.292	12/6/13 8:00	38.135	21.212	35.018	36.285		30.336	
2/4/13 6:00	38.167	38.060	33.295	12/6/13 12:00	38.193	21.252	35.347	36.334		30.546	
2/4/13 6:20	38.174	38.067	33.299	12/6/13 16:00	38.114	21.187	35.128	36.248		30.436	
2/4/13 6:40	38.183	38.074	33.306	12/6/13 20:00	38.167	21.231	35.111	36.283		30.455	
2/4/13 7:00	38.188	38.081	33.313	12/7/13 0:00	38.181	21.238	35.102	36.290		30.427	
2/4/13 7:20	38.197	38.088	33.323	12/7/13 4:00	38.160	21.219	35.023	36.264		30.389	
2/4/13 7:40	38.213	38.104	33.332	12/7/13 8:00	38.137	21.201	34.979	36.243		30.354	
2/4/13 8:00	38.223	38.114	33.344	12/7/13 12:00	38.090	21.154	34.953	36.196		30.317	
2/4/13 8:20	38.234	38.128	33.351	12/7/13 16:00	37.885	20.972	35.086	36.019		30.329	
2/4/13 8:40	38.239	38.132	33.360	12/7/13 20:00	37.878	20.935	34.827	36.007		30.146	
2/4/13 9:00	38.244	38.137	33.370	12/8/13 0:00	37.860	20.867	34.657	35.989		29.999	
2/4/13 9:20	38.251	38.139	33.374	12/8/13 4:00	37.774	20.741	34.492	35.909		29.831	
2/4/13 9:40	38.253	38.144	33.377	12/8/13 8:00	37.778	20.693	34.389	35.909		29.723	
2/4/13 10:00	38.286	38.177	33.501	12/8/13 12:00	37.827	20.665	34.406	35.951		29.714	
2/4/13 10:20	38.283	38.177	33.431	12/8/13 16:00	37.876	20.662	34.396	35.993		29.714	
2/4/13 10:40	38.286	38.177	33.417	12/8/13 20:00	38.041	20.760	34.608	36.138		29.905	
2/4/13 11:00	38.288	38.181	33.417	12/9/13 0:00	38.121	20.816	34.594	36.203		29.931	
2/4/13 11:20	38.293	38.184	33.414	12/9/13 4:00	38.132	20.837	34.615	36.213		29.957	
2/4/13 11:40	38.295	38.186	33.417	12/9/13 8:00	38.170	20.891	34.667	36.245		30.015	
2/4/13 12:00	38.295	38.188	33.419	12/9/13 12:00	38.165	20.907	34.748	36.241		30.062	
2/4/13 12:20	38.300	38.193	33.426	12/9/13 16:00	38.025	20.814	34.997	36.122		30.156	
2/4/13 12:40	38.300	38.193	33.426	12/9/13 20:00	38.025	20.830	34.767	36.124		30.074	
2/4/13 13:00	38.318	38.212	33.574	12/10/13 0:00	37.993	20.788	34.657	36.091		29.990	
2/4/13 13:20	38.314	38.207	33.461	12/10/13 4:00	37.986	20.774	34.587	36.082		29.931	
2/4/13 13:40	38.342	38.233	33.829	12/10/13 8:00	38.028	20.804	34.585	36.119		29.929	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/4/13 14:00	38.374	38.272	33.841	12/10/13 12:00	38.032	20.800	34.646	36.122		29.938	
2/4/13 14:20	38.423	38.324	34.001	12/10/13 16:00	37.888	20.688	34.597	35.996		29.887	
2/4/13 14:40	38.449	38.352	34.090	12/10/13 20:00	37.911	20.702	34.601	36.014		29.835	
2/4/13 15:00	38.416	38.315	33.759	12/11/13 0:00	38.030	20.783	34.629	36.119		29.943	
2/4/13 15:20	38.465	38.366	34.235	12/11/13 4:00	38.223	20.949	34.699	36.290		30.050	
2/4/13 15:40	38.482	38.385	34.160	12/11/13 8:00	38.300	21.037	34.820	36.353		30.177	
2/4/13 16:00	38.479	38.385	33.907	12/11/13 12:00	38.356	21.138	34.939	36.404		30.303	
2/4/13 16:20	38.451	38.359	33.771	12/11/13 16:00	38.165	21.042	35.018	36.238		30.279	
2/4/13 16:40	38.435	38.340	33.717	12/11/13 20:00	38.083	21.007	35.137	36.171		30.385	
2/4/13 17:00	38.405	38.305	33.623	12/12/13 0:00	38.044	20.986	34.862	36.133		30.202	
2/4/13 17:20	38.395	38.291	33.834	12/12/13 4:00	37.993	20.949	34.748	36.089		30.099	
2/4/13 17:40	38.400	38.301	33.679	12/12/13 8:00	37.953	20.914	34.667	36.049		30.015	
2/4/13 18:00	38.430	38.329	34.052	12/12/13 12:00	37.962	20.900	34.680	36.059		30.018	
2/4/13 18:20	38.442	38.345	34.005	12/12/13 16:00	37.841	20.788	34.566	35.949		29.887	
2/4/13 18:40	38.421	38.324	33.844	12/12/13 20:00	37.844	20.767	34.797	35.958		30.046	
2/4/13 19:00	38.419	38.324	33.780	12/13/13 0:00	37.825	20.718	34.513	35.940		29.831	
2/4/13 19:20	38.428	38.324	34.015	12/13/13 4:00	37.802	20.669	34.366	35.914		29.695	
2/4/13 19:40	38.433	38.336	33.766	12/13/13 8:00	37.788	20.627	34.271	35.900		29.595	
2/4/13 20:00	38.402	38.305	33.644	12/13/13 12:00	37.825	20.623	34.266	35.930		29.578	
2/4/13 20:20	38.384	38.284	33.595	12/13/13 16:00	37.806	20.583	34.366	35.916		29.616	
2/4/13 20:40	38.367	38.265	33.562	12/13/13 20:00	37.981	20.707	34.326	36.068		29.641	
2/4/13 21:00	38.351	38.249	33.536	12/14/13 0:00	38.107	20.816	34.697	36.175		29.866	
2/4/13 21:20	38.339	38.237	33.518	12/14/13 4:00	38.174	20.902	34.578	36.236		29.901	
2/4/13 21:40	38.332	38.228	33.499	12/14/13 8:00	38.200	20.963	34.611	36.255		29.945	
2/4/13 22:00	38.321	38.216	33.482	12/14/13 12:00	38.174	20.979	34.683	36.234		30.013	
2/4/13 22:20	38.311	38.207	33.471	12/14/13 16:00	38.058	20.930	34.725	36.133		29.987	
2/4/13 22:40	38.304	38.200	33.461	12/14/13 20:00	38.039	20.949	34.839	36.119		30.078	
2/4/13 23:00	38.297	38.193	33.452	12/15/13 0:00	38.011	20.937	34.727	36.096		30.018	
2/4/13 23:20	38.290	38.186	33.442	12/15/13 4:00	37.972	20.916	34.573	36.061		29.908	
2/4/13 23:40	38.286	38.179	33.433	12/15/13 8:00	37.946	20.891	34.513	36.035		29.847	
2/5/13 0:00	38.290	38.188	33.485	12/15/13 12:00	37.976	20.909	34.918	36.061		29.999	
2/5/13 0:20	38.279	38.174	33.445	12/15/13 16:00	37.888	20.844	34.627	35.989		29.912	
2/5/13 0:40	38.272	38.167	33.426	12/15/13 20:00	37.923	20.870	34.548	36.019		29.854	
2/5/13 1:00	38.265	38.160	33.417	12/16/13 0:00	37.965	20.893	34.510	36.052		29.835	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/5/13 1:20	38.258	38.153	33.407	12/16/13 4:00	37.974	20.898	34.480	36.059		29.810	
2/5/13 1:40	38.255	38.151	33.403	12/16/13 8:00	38.000	20.912	34.466	36.080		29.805	
2/5/13 2:00	38.267	38.163	33.459	12/16/13 12:00	38.044	20.972	34.531	36.117		29.859	
2/5/13 2:20	38.260	38.153	33.419	12/16/13 16:00	37.979	20.933	34.576	36.061		29.873	
2/5/13 2:40	38.255	38.149	33.405	12/16/13 20:00	38.037	20.991	34.606	36.112		29.882	
2/5/13 3:00	38.248	38.144	33.396	12/17/13 0:00	38.074	21.042	34.732	36.147		30.025	
2/5/13 3:20	38.248	38.142	33.391	12/17/13 4:00	38.118	21.096	34.690	36.185		30.022	
2/5/13 3:40	38.248	38.142	33.393	12/17/13 8:00	38.153	21.154	34.692	36.215		30.041	
2/5/13 4:00	38.251	38.144	33.393	12/17/13 12:00	38.181	21.219	34.860	36.241		30.172	
2/5/13 4:20	38.260	38.149	33.621	12/17/13 16:00	38.044	21.142	34.855	36.122		30.144	
2/5/13 4:40	38.253	38.151	33.429	12/17/13 20:00	37.993	21.124	34.736	36.080		30.060	
2/5/13 5:00	38.251	38.144	33.398	12/18/13 0:00	37.946	21.089	34.757	36.038		30.008	
2/5/13 5:20	38.246	38.142	33.391	12/18/13 4:00	37.853	21.009	34.653	35.956		29.950	
2/5/13 5:40	38.248	38.142	33.384	12/18/13 8:00	37.797	20.949	34.431	35.902		29.761	
2/5/13 6:00	38.248	38.142	33.384	12/18/13 12:00	37.804	20.926	34.406	35.907		29.721	
2/5/13 6:20	38.251	38.144	33.384	12/18/13 16:00	37.741	20.835	34.287	35.853		29.597	
2/5/13 6:40	38.248	38.139	33.384	12/18/13 20:00	37.802	20.856	34.354	35.909		29.630	
2/5/13 7:00	38.253	38.146	33.386	12/19/13 0:00	37.853	20.865	34.415	35.954		29.683	
2/5/13 7:20	38.260	38.153	33.393	12/19/13 4:00	37.862	20.849	34.289	35.961		29.595	
2/5/13 7:40	38.262	38.158	33.393	12/19/13 8:00	37.864	20.844	34.217	35.961		29.531	
2/5/13 8:00	38.267	38.160	33.396	12/19/13 12:00	37.944	20.891	34.380	36.031		29.637	
2/5/13 8:20	38.274	38.165	33.403	12/19/13 16:00	37.860	20.828	34.396	35.954		29.641	
2/5/13 8:40	38.279	38.172	33.407	12/19/13 20:00	37.995	20.944	34.473	36.075		29.742	
2/5/13 9:00	38.283	38.177	33.414	12/20/13 0:00	38.130	21.072	34.566	36.187		29.824	
2/5/13 9:20	38.288	38.184	33.424	12/20/13 4:00	38.153	21.126	34.543	36.208		29.873	
2/5/13 9:40	38.290	38.181	33.426	12/20/13 8:00	38.114	21.138	34.543	36.175		29.877	
2/5/13 10:00	38.300	38.193	33.433	12/20/13 12:00	38.093	21.152	34.629	36.159		29.945	
2/5/13 10:20	38.325	38.216	33.588	12/20/13 16:00	37.958	21.070	34.876	36.045		30.020	
2/5/13 10:40	38.330	38.223	33.489	12/20/13 20:00	37.944	21.075	34.641	36.033		29.931	
2/5/13 11:00	38.381	38.275	33.879	12/21/13 0:00	37.965	21.103	34.557	36.052		29.875	
2/5/13 11:20	38.456	38.361	33.970	12/21/13 4:00	37.857	21.019	34.434	35.954		29.751	
2/5/13 11:40	38.428	38.329	33.691	12/21/13 8:00	37.904	21.056	34.399	35.998		29.730	
2/5/13 12:00	38.451	38.352	33.827	12/21/13 12:00	37.927	21.058	34.382	36.017		29.716	
2/5/13 12:20	38.482	38.375	34.273	12/21/13 16:00	37.843	20.986	34.392	35.942		29.653	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/5/13 12:40	38.540	38.448	34.137	12/21/13 20:00	37.916	21.047	34.382	36.005		29.690	
2/5/13 13:00	38.547	38.450	34.170	12/22/13 0:00	38.034	21.135	34.615	36.110		29.891	
2/5/13 13:20	38.519	38.427	33.869	12/22/13 4:00	38.128	21.233	34.653	36.192		29.959	
2/5/13 13:40	38.523	38.431	33.928	12/22/13 8:00	38.193	21.329	34.660	36.248		30.001	
2/5/13 14:00	38.498	38.394	34.071	12/22/13 12:00	38.230	21.410	34.785	36.278		30.123	
2/5/13 14:20	38.489	38.385	34.019	12/22/13 16:00	38.135	21.387	34.832	36.199		30.149	
2/5/13 14:40	38.528	38.434	34.097	12/22/13 20:00	38.158	21.455	35.014	36.220		30.279	
2/5/13 15:00	38.514	38.422	33.905	12/23/13 0:00	38.174	21.508	34.923	36.236		30.265	
2/5/13 15:20	38.489	38.396	33.804	12/23/13 4:00	38.216	21.592	34.958	36.273		30.312	
2/5/13 15:40	38.458	38.359	33.705	12/23/13 8:00	38.256	21.671	35.000	36.308		30.371	
2/5/13 16:00	38.435	38.338	33.656	12/23/13 12:00	38.251	21.725	35.135	36.304		30.455	
2/5/13 16:20	38.435	38.336	33.682	12/23/13 16:00	38.109	21.662	34.993	36.182		30.352	
2/5/13 16:40	38.440	38.340	33.773	12/23/13 20:00	38.076	21.662	35.037	36.157		30.378	
2/5/13 17:00	38.437	38.338	33.724	12/24/13 0:00	38.032	21.648	35.184	36.122		30.434	
2/5/13 17:20	38.449	38.347	33.954	12/24/13 4:00	37.932	21.566	34.867	36.033		30.219	
2/5/13 17:40	38.444	38.347	33.806	12/24/13 8:00	37.871	21.501	34.729	35.977		30.081	
2/5/13 18:00	38.426	38.326	33.665	12/24/13 12:00	37.878	21.487	34.692	35.984		30.034	
2/5/13 18:20	38.430	38.324	33.954	12/24/13 16:00	37.788	21.392	34.620	35.905		29.938	
2/5/13 18:40	38.456	38.359	33.876	12/24/13 20:00	37.958	21.485	34.732	36.054		30.050	
2/5/13 19:00	38.484	38.385	34.109	12/25/13 0:00	38.067	21.545	34.746	36.145		30.085	
2/5/13 19:20	38.500	38.399	34.095	12/25/13 4:00	38.090	21.571	34.767	36.168		30.109	
2/5/13 19:40	38.521	38.415	34.043	12/25/13 8:00	38.090	21.590	34.748	36.166		30.102	
2/5/13 20:00	38.528	38.431	33.919	12/25/13 12:00	38.109	21.618	34.769	36.182		30.125	
2/5/13 20:20	38.500	38.401	33.738	12/25/13 16:00	38.034	21.583	34.757	36.122		30.099	
2/5/13 20:40	38.475	38.375	33.684	12/25/13 20:00	38.060	21.615	35.400	36.152		30.495	
2/5/13 21:00	38.461	38.359	33.656	12/26/13 0:00	38.027	21.590	35.449	36.126		30.555	
2/5/13 21:20	38.442	38.340	33.632	12/26/13 4:00	37.981	21.562	35.445	36.089		30.560	
2/5/13 21:40	38.430	38.329	33.616	12/26/13 8:00	37.911	21.501	35.407	36.031		30.513	
2/5/13 22:00	38.421	38.317	33.604	12/26/13 12:00	37.967	21.522	35.517	36.080		30.576	
2/5/13 22:20	38.414	38.308	33.595	12/26/13 16:00	37.941	21.487	35.733	36.066		30.707	
2/5/13 22:40	38.409	38.305	33.590	12/26/13 20:00	38.037	21.557	35.244	36.145		30.539	
2/5/13 23:00	38.405	38.303	33.583	12/27/13 0:00	38.067	21.590	35.000	36.166		30.368	
2/5/13 23:20	38.398	38.294	33.579	12/27/13 4:00	38.069	21.594	34.923	36.164		30.296	
2/5/13 23:40	38.409	38.308	33.658	12/27/13 8:00	38.055	21.597	34.865	36.150		30.235	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/6/13 0:00	38.402	38.298	33.600	12/27/13 12:00	38.048	21.601	34.848	36.140		30.216	
2/6/13 0:20	38.391	38.286	33.576	12/27/13 16:00	37.923	21.506	34.932	36.038		30.212	
2/6/13 0:40	38.381	38.277	33.562	12/27/13 20:00	37.955	21.520	34.832	36.066		30.165	
2/6/13 1:00	38.379	38.272	33.555	12/28/13 0:00	37.939	21.504	34.750	36.049		30.071	
2/6/13 1:20	38.388	38.284	33.607	12/28/13 4:00	37.899	21.450	34.608	36.010		29.966	
2/6/13 1:40	38.374	38.270	33.567	12/28/13 8:00	37.869	21.408	34.536	35.984		29.887	
2/6/13 2:00	38.365	38.261	33.546	12/28/13 12:00	37.843	21.352	34.890	35.963		30.043	
2/6/13 2:20	38.356	38.251	33.534	12/28/13 16:00	37.750	21.261	34.508	35.881		29.812	
2/6/13 2:40	38.367	38.263	33.663	12/28/13 20:00	37.899	21.350	34.487	36.010		29.819	
2/6/13 3:00	38.358	38.254	33.555	12/29/13 0:00	38.160	21.548	34.650	36.238		30.001	
2/6/13 3:20	38.351	38.247	33.534	12/29/13 4:00	38.253	21.639	34.755	36.315		30.116	
2/6/13 3:40	38.339	38.235	33.520	12/29/13 8:00	38.265	21.706	34.837	36.327		30.200	
2/6/13 4:00	38.335	38.228	33.508	12/29/13 12:00	38.253	21.751	34.937	36.315		30.291	
2/6/13 4:20	38.323	38.216	33.496	12/29/13 16:00	38.093	21.660	35.107	36.185		30.375	
2/6/13 4:40	38.316	38.212	33.485	12/29/13 20:00	38.030	21.641	34.930	36.131		30.261	
2/6/13 5:00	38.316	38.212	33.478	12/30/13 0:00	37.976	21.611	34.809	36.084		30.156	
2/6/13 5:20	38.309	38.205	33.473	12/30/13 4:00	37.946	21.578	34.708	36.049		30.067	
2/6/13 5:40	38.307	38.202	33.468	12/30/13 8:00	37.911	21.541	34.641	36.010		29.999	
2/6/13 6:00	38.304	38.200	33.468	12/30/13 12:00	37.979	21.590	34.671	36.077		30.020	
2/6/13 6:20	38.304	38.195	33.464	12/30/13 16:00	37.951	21.557	34.983	36.066		30.151	
2/6/13 6:40	38.304	38.200	33.464	12/30/13 20:00	38.039	21.618	34.813	36.140		30.142	
2/6/13 7:00	38.302	38.195	33.457	12/31/13 0:00	38.116	21.688	34.830	36.206		30.179	
2/6/13 7:20	38.302	38.195	33.454	12/31/13 4:00	38.048	21.643	34.764	36.145		30.118	
2/6/13 7:40	38.302	38.195	33.452	12/31/13 8:00	37.944	21.566	34.648	36.054		30.004	
2/6/13 8:00	38.321	38.216	33.595	12/31/13 12:00	37.909	21.527	34.604	36.026		29.952	
2/6/13 8:20	38.314	38.209	33.485	12/31/13 16:00	37.846	21.455	34.706	35.972		29.994	
2/6/13 8:40	38.304	38.200	33.466	12/31/13 20:00	37.923	21.490	34.622	36.040		29.948	
2/6/13 9:00	38.302	38.198	33.454	1/1/14 0:00	37.951	21.490	34.590	36.063		29.924	
2/6/13 9:20	38.300	38.193	33.450	1/1/14 4:00	37.951	21.485	34.538	36.059		29.880	
2/6/13 9:40	38.295	38.188	33.445	1/1/14 8:00	38.018	21.541	34.550	36.117		29.901	
2/6/13 10:00	38.311	38.207	33.543	1/1/14 12:00	38.107	21.622	34.678	36.194		30.018	
2/6/13 10:20	38.316	38.207	33.752	1/1/14 16:00	38.139	21.669	34.708	36.224		30.057	
2/6/13 10:40	38.318	38.214	33.511	1/1/14 20:00	38.235	21.788	34.993	36.308		30.296	
2/6/13 11:00	38.307	38.200	33.473	1/2/14 0:00	38.216	21.811	34.995	36.292		30.331	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/6/13 11:20	38.300	38.195	33.459	1/2/14 4:00	38.128	21.783	34.925	36.217		30.272	
2/6/13 11:40	38.293	38.186	33.447	1/2/14 8:00	38.074	21.769	34.848	36.171		30.207	
2/6/13 12:00	38.307	38.202	33.536	1/2/14 12:00	38.072	21.788	34.862	36.171		30.216	
2/6/13 12:20	38.307	38.198	33.715	1/2/14 16:00	38.006	21.741	34.993	36.117		30.296	
2/6/13 12:40	38.304	38.200	33.510	1/2/14 20:00	38.058	21.788	34.918	36.161		30.263	
2/6/13 13:00	38.302	38.198	33.506	1/3/14 0:00	38.016	21.753	34.851	36.124		30.198	
2/6/13 13:20	38.335	38.233	33.743	1/3/14 4:00	37.932	21.685	34.734	36.049		30.083	
2/6/13 13:40	38.321	38.221	33.569	1/3/14 8:00	37.802	21.571	34.552	35.935		29.898	
2/6/13 14:00	38.316	38.214	33.693	1/3/14 12:00	37.760	21.497	34.469	35.898		29.805	
2/6/13 14:20	38.286	38.186	33.487	1/3/14 16:00	37.643	21.357	34.604	35.800		29.803	
2/6/13 14:40	38.276	38.172	33.700	1/3/14 20:00	37.697	21.333	34.373	35.846		29.672	
2/6/13 15:00	38.274	38.170	33.700	1/4/14 0:00	37.753	21.326	34.247	35.891		29.571	
2/6/13 15:20	38.258	38.158	33.457	1/4/14 4:00	37.864	21.366	34.282	35.986		29.602	
2/6/13 15:40	38.239	38.137	33.405	1/4/14 8:00	38.016	21.455	34.347	36.117		29.686	
2/6/13 16:00	38.241	38.139	33.494	1/4/14 12:00	38.170	21.571	34.517	36.248		29.863	
2/6/13 16:20	38.223	38.123	33.393	1/4/14 16:00	38.123	21.573	34.806	36.213		30.060	
2/6/13 16:40	38.211	38.109	33.360	1/4/14 20:00	38.174	21.655	34.778	36.255		30.092	
2/6/13 17:00	38.199	38.095	33.339	1/5/14 0:00	38.172	21.699	34.790	36.255		30.114	
2/6/13 17:20	38.188	38.086	33.328	1/5/14 4:00	38.153	21.725	34.774	36.241		30.121	
2/6/13 17:40	38.202	38.097	33.452	1/5/14 8:00	38.200	21.797	34.820	36.280		30.179	
2/6/13 18:00	38.220	38.118	33.459	1/5/14 12:00	38.249	21.890	34.993	36.325		30.298	
2/6/13 18:20	38.260	38.156	33.862	1/5/14 16:00	38.188	21.893	34.993	36.276		30.329	
2/6/13 18:40	38.297	38.198	33.968	1/5/14 20:00	38.214	21.965	35.254	36.301		30.541	
2/6/13 19:00	38.360	38.265	34.167	1/6/14 0:00	38.237	22.030	35.132	36.320		30.492	
2/6/13 19:20	38.393	38.298	34.127	1/6/14 4:00	38.165	22.026	35.072	36.257		30.436	
2/6/13 19:40	38.388	38.298	33.867	1/6/14 8:00	38.116	22.012	35.009	36.213		30.387	
2/6/13 20:00	38.395	38.296	34.097	1/6/14 12:00	38.090	22.009	35.060	36.192		30.380	
2/6/13 20:20	38.372	38.275	33.804	1/6/14 16:00	37.962	21.921	35.181	36.084		30.368	
2/6/13 20:40	38.360	38.261	33.647	1/6/14 20:00	37.960	21.914	35.058	36.087		30.361	
2/6/13 21:00	38.367	38.272	33.754	1/7/14 0:00	37.906	21.842	34.809	36.033		30.165	
2/6/13 21:20	38.356	38.258	33.647	1/7/14 4:00	37.829	21.760	34.697	35.963		30.032	
2/6/13 21:40	38.346	38.244	33.780	1/7/14 8:00	37.806	21.697	34.557	35.942		29.905	
2/6/13 22:00	38.349	38.249	33.677	1/7/14 12:00	37.911	21.741	34.592	36.033		29.934	
2/6/13 22:20	38.356	38.254	33.879	1/7/14 16:00	37.878	21.678	34.762	36.012		30.015	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/6/13 22:40	38.339	38.242	33.604	1/7/14 20:00	37.962	21.718	34.755	36.080		30.020	
2/6/13 23:00	38.323	38.221	33.532	1/8/14 0:00	38.004	21.725	34.655	36.117		29.992	
2/6/13 23:20	38.309	38.209	33.499	1/8/14 4:00	38.020	21.734	34.627	36.129		29.973	
2/6/13 23:40	38.300	38.198	33.478	1/8/14 8:00	38.076	21.783	34.657	36.178		30.011	
2/7/13 0:00	38.311	38.212	33.553	1/8/14 12:00	38.156	21.860	34.776	36.248		30.121	
2/7/13 0:20	38.307	38.200	33.668	1/8/14 16:00	38.069	21.809	34.892	36.175		30.193	
2/7/13 0:40	38.332	38.233	33.637	1/8/14 20:00	38.109	21.870	34.904	36.213		30.219	
2/7/13 1:00	38.321	38.216	33.745	1/9/14 0:00	38.102	21.886	34.867	36.203		30.179	
2/7/13 1:20	38.330	38.228	33.759	1/9/14 4:00	38.023	21.823	34.764	36.138		30.114	
2/7/13 1:40	38.314	38.214	33.534	1/9/14 8:00	37.967	21.781	34.687	36.089		30.032	
2/7/13 2:00	38.316	38.219	33.579	1/9/14 12:00	37.965	21.776	34.732	36.087		30.018	
2/7/13 2:20	38.300	38.198	33.496	1/9/14 16:00	37.834	21.653	34.760	35.977		30.015	
2/7/13 2:40	38.286	38.184	33.464	1/9/14 20:00	37.869	21.653	34.618	36.007		29.934	
2/7/13 3:00	38.274	38.167	33.440	1/10/14 0:00	37.853	21.604	34.496	35.989		29.826	
2/7/13 3:20	38.283	38.186	33.499	1/10/14 4:00	37.776	21.508	34.359	35.921		29.690	
2/7/13 3:40	38.274	38.172	33.454	1/10/14 8:00	37.729	21.445	34.250	35.881		29.576	
2/7/13 4:00	38.269	38.165	33.438	1/10/14 12:00	37.802	21.457	34.257	35.942		29.578	
2/7/13 4:20	38.265	38.158	33.428	1/10/14 16:00	37.795	21.413	34.259	35.935		29.524	
2/7/13 4:40	38.262	38.158	33.424	1/10/14 20:00	37.934	21.478	34.380	36.056		29.574	
2/7/13 5:00	38.260	38.153	33.421	1/11/14 0:00	38.013	21.522	34.683	36.131		29.800	
2/7/13 5:20	38.265	38.158	33.419	1/11/14 4:00	38.062	21.562	34.515	36.166		29.835	
2/7/13 5:40	38.274	38.163	33.426	1/11/14 8:00	38.102	21.616	34.541	36.201		29.868	
2/7/13 6:00	38.279	38.170	33.436	1/11/14 12:00	38.160	21.685	34.680	36.255		29.978	
2/7/13 6:20	38.283	38.174	33.442	1/11/14 16:00	38.041	21.625	34.790	36.178		30.032	
2/7/13 6:40	38.293	38.184	33.450	1/11/14 20:00	37.990	21.599	34.790	36.117		30.001	
2/7/13 7:00	38.304	38.195	33.459	1/12/14 0:00	37.920	21.555	34.592	36.056		29.905	
2/7/13 7:20	38.309	38.200	33.461	1/12/14 4:00	37.792	21.443	34.422	35.947		29.737	
2/7/13 7:40	38.323	38.212	33.468	1/12/14 8:00	37.764	21.399	34.308	35.921		29.627	
2/7/13 8:00	38.337	38.226	33.480	1/12/14 12:00	37.827	21.415	34.298	35.972		29.616	
2/7/13 8:20	38.349	38.235	33.494	1/12/14 16:00	37.843	21.413	34.382	35.986		29.662	
2/7/13 8:40	38.358	38.249	33.506	1/12/14 20:00	38.023	21.532	34.734	36.150		29.915	
2/7/13 9:00	38.365	38.256	33.513	1/13/14 0:00	38.093	21.597	34.678	36.213		29.964	
2/7/13 9:20	38.372	38.261	33.520	1/13/14 4:00	38.139	21.669	34.671	36.259		29.987	
2/7/13 9:40	38.386	38.272	33.529	1/13/14 8:00	38.167	21.727	34.690	36.269		30.032	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/7/13 10:00	38.391	38.279	33.539	1/13/14 12:00	38.149	21.751	34.818	36.252		30.097	
2/7/13 10:20	38.393	38.286	33.543	1/13/14 16:00	37.967	21.634	34.769	36.108		30.001	
2/7/13 10:40	38.395	38.291	33.543	1/13/14 20:00	37.951	21.643	34.708	36.091		30.001	
2/7/13 11:00	38.405	38.296	33.550	1/14/14 0:00	37.972	21.655	34.753	36.110		30.055	
2/7/13 11:20	38.449	38.338	33.797	1/14/14 4:00	38.020	21.704	34.690	36.147		30.025	
2/7/13 11:40	38.498	38.399	33.905	1/14/14 8:00	38.183	21.860	34.876	36.315		30.191	
2/7/13 12:00	38.500	38.399	33.806	1/14/14 12:00	38.314	22.005	35.086	36.441		30.394	
2/7/13 12:20	38.505	38.403	33.806	1/14/14 16:00	38.207	21.967	35.160	36.369		30.436	
2/7/13 12:40	38.573	38.480	34.102	1/14/14 20:00	38.202	22.021	35.377	36.334		30.607	
2/7/13 13:00	38.596	38.502	34.139	1/15/14 0:00	38.179	22.044	35.179	36.306		30.513	
2/7/13 13:20	38.572	38.476	33.956	1/15/14 4:00	38.104	22.016	35.035	36.236		30.399	
2/7/13 13:40	38.554	38.457	33.869	1/15/14 8:00	38.044	21.993	34.934	36.180		30.303	
2/7/13 14:00	38.549	38.448	34.092	1/15/14 12:00	37.976	21.949	34.888	36.117		30.240	
2/7/13 14:20	38.549	38.452	33.883	1/15/14 16:00	37.774	21.776	34.725	35.944		30.050	
2/7/13 14:40	38.521	38.420	33.764	1/15/14 20:00	37.774	21.737	34.774	35.944		30.041	
2/7/13 15:00	38.530	38.431	33.916	1/16/14 0:00	37.876	21.786	34.760	36.033		30.043	
2/7/13 15:20	38.512	38.408	33.881	1/16/14 4:00	37.997	21.839	34.667	36.131		30.020	
2/7/13 15:40	38.510	38.406	33.956	1/16/14 8:00	38.055	21.886	34.690	36.175		30.043	
2/7/13 16:00	38.523	38.420	34.027	1/16/14 12:00	38.088	21.902	34.795	36.203		30.102	
2/7/13 16:20	38.524	38.422	34.003	1/16/14 16:00	38.006	21.846	34.711	36.138		30.039	
2/7/13 16:40	38.526	38.429	33.834	1/16/14 20:00	38.132	21.963	34.883	36.248		30.200	
2/7/13 17:00	38.517	38.413	34.022	1/17/14 0:00	38.190	22.030	35.242	36.297		30.452	
2/7/13 17:20	38.524	38.417	34.019	1/17/14 4:00	38.158	22.030	34.988	36.269		30.331	
2/7/13 17:40	38.524	38.424	33.874	1/17/14 8:00	38.123	22.035	34.918	36.238		30.279	
2/7/13 18:00	38.521	38.417	33.951	1/17/14 12:00	38.102	22.040	34.951	36.222		30.298	
2/7/13 18:20	38.526	38.424	33.933	1/17/14 16:00	37.948	21.921	34.860	36.091		30.174	
2/7/13 18:40	38.526	38.422	34.043	1/17/14 20:00	37.899	21.870	34.818	36.049		30.139	
2/7/13 19:00	38.542	38.443	33.890	1/18/14 0:00	37.871	21.818	35.030	36.028		30.179	
2/7/13 19:20	38.540	38.441	33.846	1/18/14 4:00	37.857	21.783	34.669	36.014		29.997	
2/7/13 19:40	38.549	38.450	33.869	1/18/14 8:00	37.923	21.809	34.587	36.066		29.938	
2/7/13 20:00	38.533	38.431	33.787	1/18/14 12:00	38.048	21.891	34.687	36.175		30.032	
2/7/13 20:20	38.523	38.420	33.754	1/18/14 16:00	38.095	21.921	34.734	36.213		30.078	
2/7/13 20:40	38.516	38.413	33.736	1/18/14 20:00	38.186	22.014	35.207	36.292		30.401	
2/7/13 21:00	38.514	38.410	33.729	1/19/14 0:00	38.109	21.965	34.946	36.229		30.277	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/7/13 21:20	38.533	38.429	33.820	1/19/14 4:00	38.039	21.930	34.839	36.171		30.186	
2/7/13 21:40	38.524	38.420	33.757	1/19/14 8:00	37.955	21.870	34.713	36.098		30.071	
2/7/13 22:00	38.524	38.420	33.740	1/19/14 12:00	37.916	21.821	34.734	36.066		30.029	
2/7/13 22:20	38.521	38.417	33.731	1/19/14 16:00	37.827	21.737	34.855	35.989		30.090	
2/7/13 22:40	38.521	38.413	33.726	1/19/14 20:00	37.925	21.788	34.909	36.075		30.114	
2/7/13 23:00	38.519	38.413	33.724	1/20/14 0:00	37.979	21.797	34.655	36.119		29.999	
2/7/13 23:20	38.516	38.413	33.724	1/20/14 4:00	37.979	21.793	34.625	36.117		29.969	
2/7/13 23:40	38.519	38.415	33.724	1/20/14 8:00	38.088	21.867	34.664	36.208		30.022	
2/8/13 0:00	38.517	38.413	33.724	1/20/14 12:00	38.225	22.002	35.067	36.325		30.340	
2/8/13 0:20	38.514	38.408	33.715	1/20/14 16:00	38.170	21.988	34.918	36.283		30.258	
2/8/13 0:40	38.514	38.406	33.712	1/20/14 20:00	38.258	22.103	35.074	36.360		30.413	
2/8/13 1:00	38.521	38.413	33.949	1/21/14 0:00	38.346	22.194	35.109	36.434		30.485	
2/8/13 1:20	38.526	38.422	33.761	1/21/14 4:00	38.295	22.201	35.188	36.390		30.520	
2/8/13 1:40	38.526	38.420	33.740	1/21/14 8:00	38.218	22.189	35.109	36.325		30.492	
2/8/13 2:00	38.521	38.417	33.733	1/21/14 12:00	38.076	22.126	35.037	36.203		30.406	
2/8/13 2:20	38.516	38.410	33.724	1/21/14 16:00	37.822	21.940	34.865	35.989		30.198	
2/8/13 2:40	38.512	38.406	33.722	1/21/14 20:00	37.820	21.928	35.160	35.989		30.315	
2/8/13 3:00	38.510	38.403	33.717	1/22/14 0:00	37.937	21.988	34.834	36.087		30.174	
2/8/13 3:20	38.507	38.401	33.715	1/22/14 4:00	38.009	22.003	34.806	36.145		30.160	
2/8/13 3:40	38.510	38.403	33.712	1/22/14 8:00	38.079	22.049	34.809	36.203		30.172	
2/8/13 4:00	38.507	38.401	33.712	1/22/14 12:00	38.128	22.079	34.916	36.245		30.247	
2/8/13 4:20	38.505	38.401	33.712	1/22/14 16:00	38.030	22.009	34.858	36.164		30.153	
2/8/13 4:40	38.503	38.396	33.710	1/22/14 20:00	38.193	22.173	35.170	36.311		30.457	
2/8/13 5:00	38.503	38.396	33.710	1/23/14 0:00	38.342	22.284	35.151	36.434		30.523	
2/8/13 5:20	38.500	38.394	33.708	1/23/14 4:00	38.370	22.354	35.214	36.456		30.595	
2/8/13 5:40	38.503	38.396	33.708	1/23/14 8:00	38.372	22.410	35.263	36.458		30.653	
2/8/13 6:00	38.500	38.392	33.703	1/23/14 12:00	38.363	22.469	35.344	36.449		30.731	
2/8/13 6:20	38.493	38.389	33.698	1/23/14 16:00	38.202	22.396	35.389	36.315		30.703	
2/8/13 6:40	38.496	38.387	33.696	1/23/14 20:00	38.111	22.371	35.417	36.243		30.742	
2/8/13 7:00	38.493	38.387	33.696	1/24/14 0:00	38.032	22.319	35.153	36.168		30.534	
2/8/13 7:20	38.498	38.392	33.698	1/24/14 4:00	37.911	22.208	34.979	36.040		30.359	
2/8/13 7:40	38.505	38.399	33.700	1/24/14 8:00	37.797	22.096	34.785	35.923		30.160	
2/8/13 8:00	38.510	38.401	33.705	1/24/14 12:00	37.757	22.033	34.655	35.888		30.020	
2/8/13 8:20	38.510	38.403	33.708	1/24/14 16:00	37.692	21.921	34.585	35.886		29.908	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/8/13 8:40	38.505	38.399	33.705	1/24/14 20:00	37.771	21.909	34.576	35.954		29.894	
2/8/13 9:00	38.521	38.417	33.799	1/25/14 0:00	37.836	21.895	34.620	36.007		29.926	
2/8/13 9:20	38.521	38.415	33.738	1/25/14 4:00	37.969	21.944	34.583	36.115		29.924	
2/8/13 9:40	38.521	38.415	33.726	1/25/14 8:00	38.027	21.949	34.583	36.164		29.934	
2/8/13 10:00	38.521	38.413	33.726	1/25/14 12:00	38.104	22.019	34.990	36.231		30.142	
2/8/13 10:20	38.516	38.410	33.722	1/25/14 16:00	37.983	21.900	34.715	36.129		30.008	
2/8/13 10:40	38.517	38.410	33.719	1/25/14 20:00	37.913	21.828	34.746	36.073		30.029	
2/8/13 11:00	38.519	38.413	33.722	1/26/14 0:00	37.832	21.737	34.506	36.003		29.833	
2/8/13 11:20	38.521	38.413	33.722	1/26/14 4:00	37.848	21.721	34.417	36.017		29.756	
2/8/13 11:40	38.526	38.417	33.724	1/26/14 8:00	37.913	21.739	34.413	36.070		29.751	
2/8/13 12:00	38.542	38.436	33.872	1/26/14 12:00	37.981	21.779	34.601	36.129		29.880	
2/8/13 12:20	38.530	38.424	33.759	1/26/14 16:00	37.876	21.674	34.503	36.040		29.800	
2/8/13 12:40	38.519	38.413	33.731	1/26/14 20:00	38.193	21.956	34.862	36.313		30.114	
2/8/13 13:00	38.521	38.415	33.724	1/27/14 0:00	38.416	22.152	34.934	36.495		30.294	
2/8/13 13:20	38.510	38.403	33.715	1/27/14 4:00	38.400	22.189	35.032	36.476		30.392	
2/8/13 13:40	38.498	38.392	33.700	1/27/14 8:00	38.321	22.191	35.035	36.411		30.406	
2/8/13 14:00	38.491	38.385	33.686	1/27/14 12:00	38.274	22.215	35.081	36.376		30.448	
2/8/13 14:20	38.491	38.385	33.841	1/27/14 16:00	38.137	22.159	35.407	36.266		30.541	
2/8/13 14:40	38.482	38.375	33.696	1/27/14 20:00	38.125	22.187	35.200	36.262		30.523	
2/8/13 15:00	38.505	38.403	33.860	1/28/14 0:00	38.128	22.210	35.095	36.262		30.455	
2/8/13 15:20	38.544	38.436	34.390	1/28/14 4:00	38.067	22.173	34.986	36.206		30.352	
2/8/13 15:40	38.610	38.513	34.421	1/28/14 8:00	38.058	22.170	34.927	36.199		30.301	
2/8/13 16:00	38.649	38.562	34.402	1/28/14 12:00	38.116	22.222	34.953	36.248		30.326	
2/8/13 16:20	38.614	38.527	34.156	1/28/14 16:00	37.995	22.117	34.953	36.145		30.268	
2/8/13 16:40	38.615	38.518	34.364	1/28/14 20:00	37.983	22.112	34.902	36.138		30.240	
2/8/13 17:00	38.589	38.497	34.001	1/29/14 0:00	37.995	22.107	35.021	36.150		30.319	
2/8/13 17:20	38.582	38.490	34.078	1/29/14 4:00	37.960	22.063	34.832	36.110		30.177	
2/8/13 17:40	38.589	38.490	34.331	1/29/14 8:00	37.930	22.021	34.699	36.075		30.057	
2/8/13 18:00	38.610	38.523	34.235	1/29/14 12:00	37.923	21.993	34.767	36.066		30.069	
2/8/13 18:20	38.565	38.469	34.202	1/29/14 16:00	37.799	21.860	34.606	35.982		29.912	
2/8/13 18:40	38.563	38.466	34.017	1/29/14 20:00	37.788	21.814	34.494	35.975		29.819	
2/8/13 19:00	38.538	38.443	33.893	1/30/14 0:00	37.748	21.730	34.531	35.942		29.821	
2/8/13 19:20	38.516	38.417	34.052	1/30/14 4:00	37.692	21.625	34.319	35.895		29.634	
2/8/13 19:40	38.496	38.396	33.794	1/30/14 8:00	37.822	21.683	34.268	35.993		29.602	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/8/13 20:00	38.470	38.371	33.733	1/30/14 12:00	38.037	21.821	34.476	36.175		29.786	
2/8/13 20:20	38.451	38.352	33.698	1/30/14 16:00	38.114	21.863	34.524	36.238		29.863	
2/8/13 20:40	38.435	38.331	33.665	1/30/14 20:00	38.188	21.942	34.671	36.299		30.004	
2/8/13 21:00	38.423	38.322	33.649	1/31/14 0:00	38.176	21.963	34.948	36.292		30.174	
2/8/13 21:20	38.419	38.315	33.639	1/31/14 4:00	38.104	21.933	34.750	36.236		30.083	
2/8/13 21:40	38.409	38.305	33.628	1/31/14 8:00	38.116	21.965	34.720	36.243		30.071	
2/8/13 22:00	38.405	38.301	33.618	1/31/14 12:00	38.139	22.019	34.792	36.266		30.132	
2/8/13 22:20	38.398	38.296	33.609	1/31/14 16:00	38.002	21.919	34.911	36.152		30.158	
2/8/13 22:40	38.391	38.286	33.600	1/31/14 20:00	37.990	21.914	34.860	36.145		30.153	
2/8/13 23:00	38.384	38.277	33.588	2/1/14 0:00	38.009	21.921	34.720	36.157		30.057	
2/8/13 23:20	38.384	38.279	33.583	2/1/14 4:00	37.999	21.902	34.678	36.150		30.020	
2/8/13 23:40	38.393	38.291	33.642	2/1/14 8:00	38.037	21.921	34.641	36.178		29.997	
2/9/13 0:00	38.379	38.275	33.597	2/1/14 12:00	38.146	22.028	34.790	36.269		30.130	
2/9/13 0:20	38.370	38.265	33.579	2/1/14 16:00	38.125	22.028	34.776	36.255		30.128	
2/9/13 0:40	38.358	38.256	33.562	2/1/14 20:00	38.237	22.149	34.885	36.346		30.247	
2/9/13 1:00	38.353	38.251	33.550	2/2/14 0:00	38.258	22.187	34.953	36.364		30.317	
2/9/13 1:20	38.351	38.247	33.541	2/2/14 4:00	38.228	22.201	34.976	36.341		30.340	
2/9/13 1:40	38.339	38.237	33.534	2/2/14 8:00	38.186	22.210	34.960	36.306		30.324	
2/9/13 2:00	38.335	38.230	33.522	2/2/14 12:00	38.188	22.243	35.519	36.313		30.602	
2/9/13 2:20	38.328	38.223	33.515	2/2/14 16:00	38.058	22.156	35.072	36.206		30.408	
2/9/13 2:40	38.325	38.221	33.510	2/2/14 20:00	38.051	22.163	35.130	36.199		30.431	
2/9/13 3:00	38.318	38.214	33.503	2/3/14 0:00	38.046	22.163	34.951	36.192		30.310	
2/9/13 3:20	38.311	38.205	33.496	2/3/14 4:00	38.037	22.159	34.918	36.185		30.270	
2/9/13 3:40	38.300	38.198	33.485	2/3/14 8:00	38.030	22.152	34.830	36.173		30.198	
2/9/13 4:00	38.295	38.191	33.473	2/3/14 12:00	38.058	22.168	34.990	36.199		30.240	
2/9/13 4:20	38.288	38.184	33.464	2/3/14 16:00	37.958	22.077	34.904	36.119		30.188	
2/9/13 4:40	38.281	38.174	33.454	2/3/14 20:00	37.974	22.080	34.958	36.133		30.223	
2/9/13 5:00	38.276	38.170	33.447	2/4/14 0:00	38.023	22.108	34.825	36.173		30.172	
2/9/13 5:20	38.269	38.165	33.445	2/4/14 4:00	38.041	22.103	34.795	36.189		30.151	
2/9/13 5:40	38.267	38.160	33.438	2/4/14 8:00	38.009	22.073	34.727	36.161		30.088	
2/9/13 6:00	38.265	38.160	33.436	2/4/14 12:00	38.027	22.084	34.706	36.178		30.069	
2/9/13 6:20	38.262	38.153	33.428	2/4/14 16:00	38.002	22.054	34.674	36.154		30.027	
2/9/13 6:40	38.258	38.153	33.424	2/4/14 20:00	38.160	22.189	34.844	36.290		30.188	
2/9/13 7:00	38.253	38.149	33.421	2/5/14 0:00	38.288	22.299	34.972	36.399		30.331	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/9/13 7:20	38.253	38.146	33.419	2/5/14 4:00	38.351	22.373	35.097	36.448		30.445	
2/9/13 7:40	38.255	38.149	33.417	2/5/14 8:00	38.346	22.420	35.135	36.448		30.516	
2/9/13 8:00	38.253	38.149	33.417	2/5/14 12:00	38.360	22.494	35.319	36.458		30.661	
2/9/13 8:20	38.251	38.146	33.414	2/5/14 16:00	38.225	22.443	35.240	36.346		30.595	
2/9/13 8:40	38.253	38.146	33.412	2/5/14 20:00	38.225	22.490	35.393	36.350		30.721	
2/9/13 9:00	38.255	38.149	33.410	2/6/14 0:00	38.172	22.480	35.251	36.304		30.588	
2/9/13 9:20	38.258	38.151	33.407	2/6/14 4:00	38.153	22.488	35.156	36.287		30.537	
2/9/13 9:40	38.258	38.151	33.407	2/6/14 8:00	38.139	22.487	35.121	36.276		30.504	
2/9/13 10:00	38.253	38.146	33.403	2/6/14 12:00	38.116	22.478	35.107	36.255		30.483	
2/9/13 10:20	38.253	38.146	33.400	2/6/14 16:00	38.006	22.383	35.130	36.166		30.445	
2/9/13 10:40	38.248	38.142	33.391	2/6/14 20:00	38.006	22.371	35.004	36.166		30.366	
2/9/13 11:00	38.244	38.139	33.386	2/7/14 0:00	37.997	22.334	34.981	36.157		30.331	
2/9/13 11:20	38.246	38.139	33.386	2/7/14 4:00	37.981	22.303	34.872	36.143		30.233	
2/9/13 11:40	38.258	38.153	33.431	2/7/14 8:00	37.974	22.264	34.797	36.133		30.163	
2/9/13 12:00	38.295	38.191	33.567	2/7/14 12:00	38.016	22.268	34.813	36.171		30.156	
2/9/13 12:20	38.360	38.254	33.914	2/7/14 16:00	37.920	22.159	34.813	36.089		30.092	
2/9/13 12:40	38.437	38.343	33.909	2/7/14 20:00	37.981	22.187	34.869	36.143		30.184	
2/9/13 13:00	38.419	38.324	33.858	2/8/14 0:00	37.974	22.147	34.718	36.133		30.067	
2/9/13 13:20	38.367	38.270	33.590	2/8/14 4:00	37.941	22.101	34.636	36.105		29.985	
2/9/13 13:40	38.379	38.282	33.736	2/8/14 8:00	37.939	22.075	34.597	36.103		29.943	
2/9/13 14:00	38.360	38.263	33.623	2/8/14 12:00	38.039	22.124	34.715	36.187		30.018	
2/9/13 14:20	38.342	38.240	33.562	2/8/14 16:00	37.965	22.040	34.795	36.126		30.053	
2/9/13 14:40	38.328	38.228	33.560	2/8/14 20:00	38.060	22.101	34.797	36.210		30.121	
2/9/13 15:00	38.346	38.244	33.790	2/9/14 0:00	38.132	22.140	34.767	36.269		30.123	
2/9/13 15:20	38.302	38.205	33.506	2/9/14 4:00	38.167	22.173	34.802	36.299		30.158	
2/9/13 15:40	38.267	38.170	33.435	2/9/14 8:00	38.156	22.189	34.816	36.290		30.172	
2/9/13 16:00	38.241	38.139	33.391	2/9/14 12:00	38.218	22.255	34.899	36.346		30.256	
2/9/13 16:20	38.239	38.137	33.642	2/9/14 16:00	38.137	22.206	34.878	36.273		30.233	
2/9/13 16:40	38.209	38.111	33.391	2/9/14 20:00	38.174	22.268	35.312	36.311		30.495	
2/9/13 17:00	38.188	38.086	33.344	2/10/14 0:00	38.209	22.317	35.088	36.341		30.422	
2/9/13 17:20	38.192	38.090	33.543	2/10/14 4:00	38.186	22.315	35.002	36.322		30.371	
2/9/13 17:40	38.181	38.081	33.365	2/10/14 8:00	38.146	22.303	34.965	36.290		30.340	
2/9/13 18:00	38.162	38.060	33.309	2/10/14 12:00	38.151	22.327	35.023	36.290		30.385	
2/9/13 18:20	38.151	38.046	33.288	2/10/14 16:00	38.072	22.275	35.018	36.227		30.350	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/9/13 18:40	38.148	38.050	33.384	2/10/14 20:00	38.132	22.345	35.235	36.278		30.455	
2/9/13 19:00	38.148	38.043	33.299	2/11/14 0:00	38.114	22.329	35.056	36.266		30.401	
2/9/13 19:20	38.169	38.071	33.410	2/11/14 4:00	38.118	22.334	34.997	36.266		30.364	
2/9/13 19:40	38.169	38.064	33.320	2/11/14 8:00	38.072	22.289	34.911	36.224		30.282	
2/9/13 20:00	38.153	38.050	33.285	2/11/14 12:00	38.074	22.294	34.955	36.229		30.305	
2/9/13 20:20	38.136	38.034	33.260	2/11/14 16:00	37.930	22.159	34.797	36.105		30.144	
2/9/13 20:40	38.134	38.032	33.245	2/11/14 20:00	37.932	22.152	34.767	36.110		30.106	
2/9/13 21:00	38.122	38.020	33.236	2/12/14 0:00	37.988	22.157	34.948	36.159		30.240	
2/9/13 21:20	38.115	38.011	33.222	2/12/14 4:00	37.946	22.101	34.734	36.119		30.078	
2/9/13 21:40	38.101	37.997	33.206	2/12/14 8:00	37.992	22.119	34.674	36.159		30.032	
2/9/13 22:00	38.106	38.001	33.255	2/12/14 12:00	38.081	22.164	34.888	36.264		30.181	
2/9/13 22:20	38.104	38.001	33.222	2/12/14 16:00	37.997	22.082	34.990	36.180		30.230	
2/9/13 22:40	38.097	37.992	33.210	2/12/14 20:00	37.990	22.063	34.816	36.168		30.132	
2/9/13 23:00	38.094	37.992	33.203	2/13/14 0:00	37.941	22.014	34.722	36.122		29.999	
2/9/13 23:20	38.090	37.983	33.192	2/13/14 4:00	37.888	21.952	34.597	36.075		29.887	
2/9/13 23:40	38.076	37.971	33.177	2/13/14 8:00	37.937	21.975	34.515	36.115		29.859	
2/10/13 0:00	38.067	37.962	33.163	2/13/14 12:00	38.027	22.014	34.629	36.192		29.959	
2/10/13 0:20	38.057	37.952	33.147	2/13/14 16:00	37.944	21.931	34.874	36.124		29.997	
2/10/13 0:40	38.046	37.941	33.131	2/13/14 20:00	37.955	21.933	34.687	36.133		29.987	
2/10/13 1:00	38.024	37.924	33.112	2/14/14 0:00	37.904	21.875	34.506	36.089		29.835	
2/10/13 1:20	38.013	37.906	33.091	2/14/14 4:00	37.962	21.898	34.471	36.129		29.812	
2/10/13 1:40	38.004	37.896	33.079	2/14/14 8:00	38.104	22.001	34.555	36.248		29.901	
2/10/13 2:00	37.989	37.887	33.062	2/14/14 12:00	38.223	22.105	35.056	36.353		30.209	
2/10/13 2:20	37.978	37.873	33.048	2/14/14 16:00	38.202	22.108	35.046	36.336		30.223	
2/10/13 2:40	37.971	37.863	33.037	2/14/14 20:00	38.207	22.133	35.060	36.343		30.322	
2/10/13 3:00	37.955	37.849	33.025	2/15/14 0:00	38.151	22.129	34.951	36.294		30.242	
2/10/13 3:20	37.959	37.854	33.177	2/15/14 4:00	38.025	22.040	34.783	36.185		30.128	
2/10/13 3:40	37.950	37.845	33.039	2/15/14 8:00	37.918	21.952	34.625	36.091		29.976	
2/10/13 4:00	37.934	37.828	33.006	2/15/14 12:00	37.990	22.019	34.699	36.157		30.032	
2/10/13 4:20	37.917	37.812	32.983	2/15/14 16:00	38.053	22.054	34.995	36.213		30.160	
2/10/13 4:40	37.910	37.803	32.971	2/15/14 20:00	38.158	22.143	34.939	36.306		30.258	
2/10/13 5:00	37.903	37.798	32.964	2/16/14 0:00	38.195	22.173	34.911	36.332		30.268	
2/10/13 5:20	37.899	37.789	32.959	2/16/14 4:00	38.172	22.178	34.878	36.313		30.244	
2/10/13 5:40	37.894	37.786	32.950	2/16/14 8:00	38.109	22.152	34.825	36.259		30.188	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/10/13 6:00	37.896	37.789	32.955	2/16/14 12:00	38.088	22.150	34.944	36.243		30.272	
2/10/13 6:20	37.896	37.791	32.955	2/16/14 16:00	37.925	22.022	35.060	36.105		30.265	
2/10/13 6:40	37.901	37.793	32.962	2/16/14 20:00	37.934	22.031	34.876	36.115		30.153	
2/10/13 7:00	37.908	37.798	32.964	2/17/14 0:00	37.876	21.947	34.627	36.059		29.964	
2/10/13 7:20	37.910	37.803	32.966	2/17/14 4:00	37.981	22.012	34.613	36.152		29.971	
2/10/13 7:40	37.920	37.812	32.973	2/17/14 8:00	38.232	22.203	34.774	36.362		30.146	
2/10/13 8:00	37.931	37.821	32.978	2/17/14 12:00	38.235	22.201	34.881	36.367		30.240	
2/10/13 8:20	37.934	37.826	32.983	2/17/14 16:00	38.121	22.152	34.855	36.266		30.200	
2/10/13 8:40	37.941	37.831	32.990	2/17/14 20:00	38.079	22.131	35.130	36.236		30.261	
2/10/13 9:00	37.945	37.835	32.990	2/18/14 0:00	38.023	22.096	34.916	36.189		30.233	
2/10/13 9:20	37.957	37.845	32.999	2/18/14 4:00	37.927	22.015	34.718	36.105		30.060	
2/10/13 9:40	37.964	37.854	33.006	2/18/14 8:00	37.916	21.996	34.597	36.094		29.950	
2/10/13 10:00	37.971	37.866	33.018	2/18/14 12:00	37.958	21.998	34.620	36.131		29.966	
2/10/13 10:20	37.980	37.868	33.023	2/18/14 16:00	38.002	22.017	34.660	36.168		29.994	
2/10/13 10:40	37.992	37.882	33.034	2/18/14 20:00	38.165	22.145	35.177	36.315		30.399	
2/10/13 11:00	38.004	37.896	33.041	2/19/14 0:00	38.223	22.196	34.969	36.362		30.272	
2/10/13 11:20	38.015	37.906	33.053	2/19/14 4:00	38.139	22.154	34.874	36.287		30.223	
2/10/13 11:40	38.062	37.945	33.513	2/19/14 8:00	38.086	22.136	34.804	36.241		30.165	
2/10/13 12:00	38.137	38.032	33.475	2/19/14 12:00	38.030	22.103	34.853	36.192		30.144	
2/10/13 12:20	38.218	38.116	33.806	2/19/14 16:00	37.848	21.935	34.641	36.035		29.976	
2/10/13 12:40	38.302	38.202	34.179	2/19/14 20:00	37.832	21.919	34.592	36.026		29.912	
2/10/13 13:00	38.295	38.198	33.895	2/20/14 0:00	37.806	21.854	34.653	36.007		29.931	
2/10/13 13:20	38.262	38.165	33.506	2/20/14 4:00	37.808	21.821	34.466	36.010		29.779	
2/10/13 13:40	38.269	38.172	33.543	2/20/14 8:00	37.999	21.933	34.471	36.173		29.819	
2/10/13 14:00	38.267	38.167	33.513	2/20/14 12:00	38.172	22.050	34.653	36.304		29.999	
2/10/13 14:20	38.272	38.172	33.496	2/20/14 16:00	38.195	22.070	34.734	36.322		30.078	
2/10/13 14:40	38.309	38.202	33.989	2/20/14 20:00	38.239	22.143	34.895	36.367		30.181	
2/10/13 15:00	38.344	38.240	33.909	2/21/14 0:00	38.202	22.133	35.070	36.339		30.354	
2/10/13 15:20	38.344	38.244	33.644	2/21/14 4:00	38.149	22.124	34.888	36.292		30.242	
2/10/13 15:40	38.356	38.256	33.745	2/21/14 8:00	38.095	22.119	34.825	36.248		30.184	
2/10/13 16:00	38.328	38.228	33.527	2/21/14 12:00	38.065	22.112	34.867	36.222		30.193	
2/10/13 16:20	38.325	38.228	33.541	2/21/14 16:00	38.037	22.099	34.767	36.199		30.125	
2/10/13 16:40	38.342	38.237	33.532	2/21/14 20:00	38.083	22.143	35.163	36.238		30.291	
2/10/13 17:00	38.330	38.228	33.473	2/22/14 0:00	38.114	22.178	34.932	36.266		30.272	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/10/13 17:20	38.323	38.216	33.450	2/22/14 4:00	38.072	22.147	34.827	36.227		30.186	
2/10/13 17:40	38.321	38.214	33.440	2/22/14 8:00	38.100	22.180	34.804	36.252		30.172	
2/10/13 18:00	38.323	38.216	33.438	2/22/14 12:00	38.130	22.213	34.927	36.278		30.233	
2/10/13 18:20	38.752	38.892	33.506	2/22/14 16:00	38.074	22.178	34.932	36.229		30.191	
2/10/13 18:40	38.433	38.331	33.724	2/22/14 20:00	38.118	22.231	35.328	36.273		30.462	
2/10/13 19:00	38.416	38.312	33.794	2/23/14 0:00	38.204	22.311	35.035	36.348		30.389	
2/10/13 19:20	38.402	38.298	33.555	2/23/14 4:00	38.277	22.390	35.051	36.406		30.434	
2/10/13 19:40	38.398	38.291	33.529	2/23/14 8:00	38.270	22.422	35.060	36.399		30.441	
2/10/13 20:00	38.393	38.286	33.522	2/23/14 12:00	38.314	22.488	35.179	36.439		30.558	
2/10/13 20:20	38.395	38.289	33.518	2/23/14 16:00	38.216	22.457	35.132	36.353		30.511	
2/10/13 20:40	38.412	38.305	33.654	2/23/14 20:00	38.193	22.492	35.549	36.336		30.672	
2/10/13 21:00	38.409	38.305	33.557	2/24/14 0:00	38.193	22.511	35.295	36.336		30.602	
2/10/13 21:20	38.412	38.308	33.550	2/24/14 4:00	38.135	22.478	35.109	36.283		30.495	
2/10/13 21:40	38.421	38.312	33.555	2/24/14 8:00	38.116	22.495	35.051	36.271		30.434	
2/10/13 22:00	38.428	38.322	33.560	2/24/14 12:00	38.088	22.462	35.053	36.243		30.424	
2/10/13 22:20	38.430	38.324	33.567	2/24/14 16:00	37.951	22.348	34.937	36.124		30.261	
2/10/13 22:40	38.435	38.326	33.569	2/24/14 20:00	38.048	22.425	35.188	36.217		30.478	
2/10/13 23:00	38.444	38.338	33.576	2/25/14 0:00	38.221	22.530	35.111	36.362		30.480	
2/10/13 23:20	38.451	38.343	33.583	2/25/14 4:00	38.263	22.565	35.107	36.395		30.495	
2/10/13 23:40	38.456	38.350	33.590	2/25/14 8:00	38.193	22.534	35.067	36.336		30.452	
2/11/13 0:00	38.463	38.354	33.597	2/25/14 12:00	38.246	22.607	35.156	36.383		30.530	
2/11/13 0:20	38.470	38.361	33.604	2/25/14 16:00	38.144	22.544	35.221	36.297		30.525	
2/11/13 0:40	38.470	38.364	33.604	2/25/14 20:00	38.228	22.632	35.284	36.369		30.600	
2/11/13 1:00	38.472	38.364	33.607	2/26/14 0:00	38.284	22.681	35.309	36.413		30.637	
2/11/13 1:20	38.472	38.364	33.609	2/26/14 4:00	38.174	22.618	35.156	36.320		30.541	
2/11/13 1:40	38.477	38.368	33.614	2/26/14 8:00	38.086	22.567	35.049	36.243		30.431	
2/11/13 2:00	38.484	38.375	33.621	2/26/14 12:00	38.051	22.525	35.088	36.213		30.413	
2/11/13 2:20	38.489	38.380	33.630	2/26/14 16:00	37.878	22.360	34.974	36.063		30.305	
2/11/13 2:40	38.486	38.378	33.632	2/26/14 20:00	37.892	22.320	34.934	36.077		30.256	
2/11/13 3:00	38.489	38.382	33.635	2/27/14 0:00	37.995	22.350	34.811	36.164		30.181	
2/11/13 3:20	38.491	38.382	33.635	2/27/14 4:00	38.025	22.332	34.764	36.189		30.137	
2/11/13 3:40	38.493	38.382	33.639	2/27/14 8:00	38.081	22.355	34.783	36.236		30.153	
2/11/13 4:00	38.493	38.387	33.647	2/27/14 12:00	38.074	22.318	35.025	36.236		30.329	
2/11/13 4:20	38.498	38.389	33.651	2/27/14 16:00	37.916	22.176	34.771	36.098		30.104	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/11/13 4:40	38.500	38.394	33.656	2/27/14 20:00	37.906	22.141	34.778	36.091		30.085	
2/11/13 5:00	38.496	38.387	33.654	2/28/14 0:00	37.911	22.106	34.601	36.089		29.950	
2/11/13 5:20	38.493	38.385	33.649	2/28/14 4:00	37.895	22.047	34.503	36.073		29.861	
2/11/13 5:40	38.491	38.382	33.649	2/28/14 8:00	37.962	22.094	34.489	36.133		29.845	
2/11/13 6:00	38.489	38.380	33.649	2/28/14 12:00	38.051	22.124	34.823	36.210		29.999	
2/11/13 6:20	38.493	38.385	33.651	2/28/14 16:00	38.076	22.129	34.860	36.236		30.111	
2/11/13 6:40	38.493	38.387	33.654	2/28/14 20:00	38.211	22.250	34.907	36.355		30.223	
2/11/13 7:00	38.496	38.387	33.658	3/1/14 0:00	38.319	22.350	34.948	36.446		30.303	
2/11/13 7:20	38.500	38.392	33.661	3/1/14 4:00	38.302	22.367	34.969	36.430		30.338	
2/11/13 7:40	38.510	38.399	33.663	3/1/14 8:00	38.265	22.378	34.972	36.402		30.343	
2/11/13 8:00	38.512	38.406	33.670	3/1/14 12:00	38.293	22.430	35.119	36.425		30.471	
2/11/13 8:20	38.516	38.410	33.675	3/1/14 16:00	38.209	22.404	35.107	36.357		30.462	
2/11/13 8:40	38.517	38.410	33.682	3/1/14 20:00	38.258	22.497	35.160	36.399		30.525	
2/11/13 9:00	38.519	38.413	33.689	3/2/14 0:00	38.288	22.532	35.214	36.423		30.567	
2/11/13 9:20	38.523	38.415	33.691	3/2/14 4:00	38.263	22.553	35.153	36.399		30.541	
2/11/13 9:40	38.530	38.422	33.698	3/2/14 8:00	38.295	22.625	35.179	36.427		30.569	
2/11/13 10:00	38.558	38.452	33.790	3/2/14 12:00	38.260	22.637	35.209	36.397		30.590	
2/11/13 10:20	38.568	38.459	33.968	3/2/14 16:00	38.165	22.586	35.468	36.318		30.752	
2/11/13 10:40	38.566	38.462	33.780	3/2/14 20:00	38.200	22.653	35.251	36.353		30.623	
2/11/13 11:00	38.563	38.457	33.754	3/3/14 0:00	38.232	22.677	35.209	36.376		30.600	
2/11/13 11:20	38.561	38.457	33.743	3/3/14 4:00	38.160	22.625	35.142	36.313		30.532	
2/11/13 11:40	38.563	38.457	33.743	3/3/14 8:00	38.142	22.639	35.086	36.294		30.476	
2/11/13 12:00	38.563	38.457	33.745	3/3/14 12:00	38.139	22.635	35.151	36.294		30.483	
2/11/13 12:20	38.579	38.473	33.935	3/3/14 16:00	37.983	22.493	35.284	36.159		30.569	
2/11/13 12:40	38.650	38.546	34.266	3/3/14 20:00	37.965	22.467	34.997	36.147		30.347	
2/11/13 13:00	38.712	38.611	34.538	3/4/14 0:00	37.990	22.425	34.885	36.164		30.254	
2/11/13 13:20	38.717	38.621	34.362	3/4/14 4:00	37.965	22.364	34.774	36.138		30.144	
2/11/13 13:40	38.726	38.628	34.371	3/4/14 8:00	37.972	22.336	34.753	36.145		30.074	
2/11/13 14:00	38.757	38.663	34.512	3/4/14 12:00	37.995	22.315	34.790	36.166		30.095	
2/11/13 14:20	38.778	38.688	34.559	3/4/14 16:00	37.951	22.229	34.727	36.129		30.060	
2/11/13 14:40	38.768	38.677	34.399	3/4/14 20:00	38.004	22.243	34.741	36.178		30.076	
2/11/13 15:00	38.785	38.693	34.503	3/5/14 0:00	38.100	22.292	34.939	36.264		30.202	
2/11/13 15:20	38.773	38.681	34.432	3/5/14 4:00	38.158	22.311	34.872	36.311		30.191	
2/11/13 15:40	38.738	38.646	34.191	3/5/14 8:00	38.237	22.385	34.874	36.381		30.237	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/11/13 16:00	38.715	38.621	34.090	3/5/14 12:00	38.300	22.455	34.965	36.434		30.338	
2/11/13 16:20	38.701	38.600	34.216	3/5/14 16:00	38.216	22.406	34.997	36.362		30.345	
2/11/13 16:40	38.689	38.590	34.273	3/5/14 20:00	38.193	22.423	35.007	36.343		30.347	
2/11/13 17:00	38.684	38.588	34.080	3/6/14 0:00	38.200	22.446	35.330	36.353		30.546	
2/11/13 17:20	38.666	38.567	34.059	3/6/14 4:00	38.130	22.399	34.995	36.292		30.359	
2/11/13 17:40	38.650	38.553	33.961	3/6/14 8:00	38.083	22.369	34.890	36.250		30.261	
2/11/13 18:00	38.638	38.541	33.951	3/6/14 12:00	38.041	22.327	34.844	36.210		30.207	
2/11/13 18:20	38.626	38.527	33.928	3/6/14 16:00	37.941	22.215	34.874	36.124		30.135	
2/11/13 18:40	38.642	38.541	34.184	3/6/14 20:00	37.925	22.185	35.116	36.115		30.265	
2/11/13 19:00	38.605	38.509	33.905	3/7/14 0:00	37.941	22.159	34.757	36.126		30.076	
2/11/13 19:20	38.603	38.504	33.897	3/7/14 4:00	37.953	22.134	34.625	36.136		29.973	
2/11/13 19:40	38.587	38.485	33.832	3/7/14 8:00	38.002	22.150	34.590	36.175		29.943	
2/11/13 20:00	38.589	38.490	33.912	3/7/14 12:00	38.060	22.169	34.753	36.227		30.034	
2/11/13 20:20	38.568	38.466	33.827	3/7/14 16:00	38.125	22.206	34.715	36.285		30.067	
2/11/13 20:40	38.549	38.450	33.794	3/7/14 20:00	38.258	22.330	34.874	36.402		30.186	
2/11/13 21:00	38.538	38.436	33.776	3/8/14 0:00	38.316	22.383	35.083	36.453		30.410	
2/11/13 21:20	38.530	38.427	33.761	3/8/14 4:00	38.291	22.392	35.016	36.432		30.382	
2/11/13 21:40	38.523	38.422	33.754	3/8/14 8:00	38.323	22.474	35.049	36.460		30.424	
2/11/13 22:00	38.524	38.417	33.750	3/8/14 12:00	38.319	22.511	35.207	36.455		30.541	
2/11/13 22:20	38.524	38.420	33.750	3/8/14 16:00	38.204	22.462	35.160	36.360		30.488	
2/11/13 22:40	38.514	38.410	33.740	3/8/14 20:00	38.190	22.488	35.223	36.350		30.516	
2/11/13 23:00	38.512	38.406	33.736	3/9/14 0:00	38.193	22.495	35.193	36.350		30.471	
2/11/13 23:20	38.512	38.406	33.731	3/9/14 4:00	38.135	22.472	35.086	36.299		30.448	
2/11/13 23:40	38.507	38.401	33.726	3/9/14 8:00	38.093	22.441	34.979	36.262		30.347	
2/12/13 0:00	38.507	38.403	33.729	3/9/14 12:00	38.055	22.395	35.158	36.227		30.413	
2/12/13 0:20	38.505	38.401	33.726	3/9/14 16:00	37.937	22.274	34.888	36.126		30.202	
2/12/13 0:40	38.503	38.401	33.724	3/9/14 20:00	37.951	22.260	35.212	36.143		30.331	
2/12/13 1:00	38.500	38.394	33.715	3/10/14 0:00	38.004	22.267	34.851	36.187		30.193	
2/12/13 1:20	38.493	38.387	33.705	3/10/14 4:00	37.983	22.211	34.727	36.166		30.083	
2/12/13 1:40	38.486	38.380	33.696	3/10/14 8:00	38.032	22.227	34.697	36.208		30.057	
2/12/13 2:00	38.482	38.378	33.691	3/10/14 12:00	38.037	22.197	34.723	36.210		30.074	
2/12/13 2:20	38.493	38.389	33.787	3/10/14 16:00	37.939	22.106	34.650	36.129		29.985	
2/12/13 2:40	38.484	38.380	33.712	3/10/14 20:00	37.934	22.090	34.583	36.124		29.922	
2/12/13 3:00	38.470	38.368	33.686	3/11/14 0:00	37.934	22.052	34.720	36.129		30.015	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/12/13 3:20	38.463	38.357	33.670	3/11/14 4:00	37.857	21.964	34.471	36.059		29.805	
2/12/13 3:40	38.456	38.352	33.665	3/11/14 8:00	37.862	21.936	34.368	36.061		29.711	
2/12/13 4:00	38.447	38.343	33.654	3/11/14 12:00	38.032	22.045	34.455	36.208		29.798	
2/12/13 4:20	38.444	38.340	33.649	3/11/14 16:00	38.209	22.162	34.893	36.357		30.076	
2/12/13 4:40	38.442	38.338	33.649	3/11/14 20:00	38.451	22.360	34.960	36.563		30.312	
2/12/13 5:00	38.437	38.331	33.644	3/12/14 0:00	38.472	22.407	35.093	36.586		30.450	
2/12/13 5:20	38.435	38.329	33.642	3/12/14 4:00	38.388	22.409	35.079	36.514		30.452	
2/12/13 5:40	38.433	38.326	33.637	3/12/14 8:00	38.344	22.446	35.090	36.476		30.469	
2/12/13 6:00	38.428	38.324	33.632	3/12/14 12:00	38.284	22.453	35.130	36.425		30.499	
2/12/13 6:20	38.423	38.317	33.623	3/12/14 16:00	38.151	22.392	35.053	36.311		30.413	
2/12/13 6:40	38.416	38.310	33.618	3/12/14 20:00	38.123	22.402	34.995	36.290		30.359	
2/12/13 7:00	38.412	38.305	33.614	3/13/14 0:00	38.128	22.423	35.179	36.297		30.450	
2/12/13 7:20	38.414	38.308	33.611	3/13/14 4:00	38.111	22.413	34.969	36.280		30.340	
2/12/13 7:40	38.414	38.308	33.604	3/13/14 8:00	38.114	22.423	34.921	36.283		30.296	
2/12/13 8:00	38.405	38.301	33.597	3/13/14 12:00	38.076	22.374	34.888	36.250		30.256	
2/12/13 8:20	38.405	38.301	33.595	3/13/14 16:00	37.923	22.232	34.762	36.117		30.111	
2/12/13 8:40	38.423	38.315	33.869	3/13/14 20:00	37.888	22.183	34.972	36.091		30.174	
2/12/13 9:00	38.440	38.338	33.804	3/14/14 0:00	37.930	22.183	34.720	36.126		30.048	
2/12/13 9:20	38.428	38.322	33.658	3/14/14 4:00	38.037	22.234	34.674	36.215		30.027	
2/12/13 9:40	38.416	38.312	33.630	3/14/14 8:00	38.211	22.351	34.776	36.360		30.144	
2/12/13 10:00	38.414	38.308	33.614	3/14/14 12:00	38.263	22.386	34.886	36.406		30.249	
2/12/13 10:20	38.414	38.308	33.607	3/14/14 16:00	38.176	22.334	34.979	36.336		30.310	
2/12/13 10:40	38.421	38.312	33.611	3/14/14 20:00	38.144	22.337	35.053	36.311		30.361	
2/12/13 11:00	38.435	38.329	33.710	3/15/14 0:00	38.135	22.327	34.941	36.301		30.261	
2/12/13 11:20	38.463	38.361	33.808	3/15/14 4:00	38.055	22.260	34.804	36.229		30.165	
2/12/13 11:40	38.475	38.375	33.768	3/15/14 8:00	38.055	22.260	34.746	36.231		30.109	
2/12/13 12:00	38.503	38.396	34.113	3/15/14 12:00	38.055	22.243	34.736	36.229		30.102	
2/12/13 12:20	38.537	38.438	34.207	3/15/14 16:00	37.983	22.164	34.795	36.168		30.064	
2/12/13 12:40	38.572	38.473	34.355	3/15/14 20:00	38.176	22.325	35.167	36.339		30.343	
2/12/13 13:00	38.610	38.518	34.385	3/16/14 0:00	38.381	22.486	35.074	36.514		30.436	
2/12/13 13:20	38.573	38.480	33.991	3/16/14 4:00	38.370	22.507	35.084	36.500		30.464	
2/12/13 13:40	38.545	38.450	33.919	3/16/14 8:00	38.351	22.551	35.144	36.486		30.509	
2/12/13 14:00	38.523	38.429	33.862	3/16/14 12:00	38.323	22.570	35.172	36.460		30.548	
2/12/13 14:20	38.542	38.445	34.109	3/16/14 16:00	38.149	22.474	35.049	36.308		30.420	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/12/13 14:40	38.526	38.434	33.954	3/16/14 20:00	38.090	22.453	35.226	36.264		30.497	
2/12/13 15:00	38.484	38.387	33.778	3/17/14 0:00	38.062	22.421	34.979	36.241		30.345	
2/12/13 15:20	38.451	38.354	33.708	3/17/14 4:00	37.974	22.337	34.827	36.159		30.198	
2/12/13 15:40	38.433	38.331	33.665	3/17/14 8:00	37.906	22.255	34.701	36.098		30.062	
2/12/13 16:00	38.437	38.338	33.790	3/17/14 12:00	37.841	22.155	34.569	36.040		29.922	
2/12/13 16:20	38.412	38.312	33.658	3/17/14 16:00	37.771	22.052	34.536	36.000		29.821	
2/12/13 16:40	38.433	38.336	33.893	3/17/14 20:00	37.804	22.034	34.585	36.045		29.812	
2/12/13 17:00	38.421	38.322	33.867	3/18/14 0:00	37.841	21.996	34.683	36.068		29.922	
2/12/13 17:20	38.421	38.319	33.963	3/18/14 4:00	37.895	21.955	34.501	36.101		29.782	
2/12/13 17:40	38.419	38.322	33.778	3/18/14 8:00	37.955	21.959	34.380	36.147		29.721	
2/12/13 18:00	38.407	38.310	33.715	3/18/14 12:00	38.076	22.022	34.455	36.248		29.791	
2/12/13 18:20	38.421	38.324	33.907	3/18/14 16:00	38.170	22.083	34.664	36.329		29.980	
2/12/13 18:40	38.412	38.312	33.862	3/18/14 20:00	38.333	22.218	34.804	36.467		30.146	
2/12/13 19:00	38.416	38.319	33.771	3/19/14 0:00	38.426	22.323	34.993	36.549		30.310	
2/12/13 19:20	38.402	38.301	33.651	3/19/14 4:00	38.423	22.372	35.044	36.549		30.410	
2/12/13 19:40	38.386	38.284	33.609	3/19/14 8:00	38.405	22.439	35.105	36.535		30.450	
2/12/13 20:00	38.372	38.270	33.586	3/19/14 12:00	38.379	22.470	35.139	36.512		30.516	
2/12/13 20:20	38.363	38.261	33.571	3/19/14 16:00	38.216	22.407	35.389	36.374		30.576	
2/12/13 20:40	38.367	38.261	33.557	3/19/14 20:00	38.170	22.421	35.237	36.339		30.565	
2/12/13 21:00	38.360	38.258	33.550	3/20/14 0:00	38.176	22.449	35.070	36.341		30.445	
2/12/13 21:20	38.356	38.249	33.543	3/20/14 4:00	38.114	22.416	34.979	36.287		30.354	
2/12/13 21:40	38.346	38.242	33.534	3/20/14 8:00	38.083	22.395	34.944	36.259		30.275	
2/12/13 22:00	38.342	38.235	33.532	3/20/14 12:00	38.067	22.372	34.878	36.243		30.228	
2/12/13 22:20	38.339	38.233	33.527	3/20/14 16:00	38.004	22.311	35.044	36.196		30.340	
2/12/13 22:40	38.339	38.235	33.525	3/20/14 20:00	38.044	22.332	34.962	36.231		30.289	
2/12/13 23:00	38.337	38.233	33.522	3/21/14 0:00	38.041	22.295	34.790	36.224		30.151	
2/12/13 23:20	38.337	38.230	33.520	3/21/14 4:00	37.983	22.230	34.722	36.171		30.074	
2/12/13 23:40	38.337	38.233	33.520	3/21/14 8:00	38.128	22.344	34.743	36.297		30.109	
2/13/13 0:00	38.337	38.230	33.515	3/21/14 12:00	38.263	22.442	34.862	36.413		30.237	
2/13/13 0:20	38.335	38.230	33.515	3/21/14 16:00	38.244	22.439	34.967	36.397		30.303	
2/13/13 0:40	38.335	38.228	33.513	3/21/14 20:00	38.302	22.514	35.042	36.448		30.399	
2/13/13 1:00	38.335	38.228	33.510	3/22/14 0:00	38.388	22.607	35.377	36.526		30.639	
2/13/13 1:20	38.337	38.230	33.508	3/22/14 4:00	38.344	22.602	35.275	36.486		30.632	
2/13/13 1:40	38.339	38.233	33.510	3/22/14 8:00	38.347	22.665	35.214	36.484		30.604	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/13/13 2:00	38.335	38.228	33.506	3/22/14 12:00	38.307	22.682	35.340	36.449		30.663	
2/13/13 2:20	38.332	38.223	33.503	3/22/14 16:00	38.209	22.651	35.230	36.369		30.588	
2/13/13 2:40	38.330	38.223	33.496	3/22/14 20:00	38.316	22.770	35.456	36.465		30.719	
2/13/13 3:00	38.330	38.223	33.494	3/23/14 0:00	38.367	22.815	35.456	36.502		30.810	
2/13/13 3:20	38.332	38.223	33.492	3/23/14 4:00	38.312	22.826	35.358	36.453		30.749	
2/13/13 3:40	38.328	38.221	33.492	3/23/14 8:00	38.284	22.849	35.310	36.430		30.707	
2/13/13 4:00	38.325	38.219	33.487	3/23/14 12:00	38.225	22.826	35.496	36.378		30.787	
2/13/13 4:20	38.323	38.216	33.487	3/23/14 16:00	38.051	22.698	35.142	36.231		30.520	
2/13/13 4:40	38.318	38.212	33.485	3/23/14 20:00	37.990	22.647	35.680	36.187		30.747	
2/13/13 5:00	38.318	38.212	33.482	3/24/14 0:00	38.058	22.661	35.114	36.243		30.483	
2/13/13 5:20	38.314	38.205	33.473	3/24/14 4:00	38.062	22.640	35.009	36.243		30.387	
2/13/13 5:40	38.307	38.200	33.468	3/24/14 8:00	38.111	22.658	34.976	36.283		30.357	
2/13/13 6:00	38.304	38.195	33.464	3/24/14 12:00	38.204	22.693	35.032	36.364		30.417	
2/13/13 6:20	38.300	38.191	33.459	3/24/14 16:00	38.163	22.654	35.004	36.329		30.378	
2/13/13 6:40	38.297	38.191	33.454	3/24/14 20:00	38.186	22.675	35.282	36.350		30.483	
2/13/13 7:00	38.293	38.186	33.450	3/25/14 0:00	38.216	22.696	35.121	36.374		30.485	
2/13/13 7:20	38.293	38.186	33.447	3/25/14 4:00	38.284	22.761	35.146	36.437		30.520	
2/13/13 7:40	38.295	38.188	33.442	3/25/14 8:00	38.307	22.789	35.181	36.456		30.558	
2/13/13 8:00	38.297	38.191	33.442	3/25/14 12:00	38.274	22.777	35.181	36.427		30.567	
2/13/13 8:20	38.300	38.193	33.445	3/25/14 16:00	38.093	22.649	35.170	36.271		30.506	
2/13/13 8:40	38.295	38.188	33.442	3/25/14 20:00	38.011	22.577	35.156	36.203		30.410	
2/13/13 9:00	38.302	38.193	33.447	3/26/14 0:00	38.018	22.549	34.939	36.208		30.286	
2/13/13 9:20	38.302	38.193	33.447	3/26/14 4:00	37.967	22.467	34.818	36.159		30.146	
2/13/13 9:40	38.302	38.193	33.450	3/26/14 8:00	37.944	22.404	34.681	36.138		30.043	
2/13/13 10:00	38.304	38.198	33.450	3/26/14 12:00	37.913	22.314	34.587	36.110		29.952	
2/13/13 10:20	38.323	38.214	33.513	3/26/14 16:00	37.890	22.230	34.576	36.091		29.919	
2/13/13 10:40	38.316	38.209	33.478	3/26/14 20:00	37.906	22.195	34.543	36.108		29.877	
2/13/13 11:00	38.316	38.209	33.466	3/27/14 0:00	37.885	22.125	34.555	36.089		29.901	
2/13/13 11:20	38.316	38.205	33.459	3/27/14 4:00	37.804	22.006	34.324	36.017		29.669	
2/13/13 11:40	38.309	38.200	33.452	3/27/14 8:00	37.876	22.032	34.345	36.077		29.599	
2/13/13 12:00	38.304	38.198	33.450	3/27/14 12:00	38.076	22.127	34.408	36.250		29.707	
2/13/13 12:20	38.307	38.198	33.445	3/27/14 16:00	38.218	22.197	34.664	36.369		29.936	
2/13/13 12:40	38.302	38.195	33.445	3/27/14 20:00	38.342	22.295	34.834	36.477		30.132	
2/13/13 13:00	38.300	38.191	33.438	3/28/14 0:00	38.368	22.337	34.962	36.498		30.249	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/13/13 13:20	38.314	38.207	33.508	3/28/14 4:00	38.321	22.358	34.907	36.460		30.265	
2/13/13 13:40	38.302	38.195	33.454	3/28/14 8:00	38.295	22.381	34.974	36.439		30.315	
2/13/13 14:00	38.311	38.207	33.518	3/28/14 12:00	38.328	22.449	35.070	36.470		30.417	
2/13/13 14:20	38.311	38.202	33.715	3/28/14 16:00	38.209	22.409	34.990	36.367		30.385	
2/13/13 14:40	38.300	38.195	33.480	3/28/14 20:00	38.197	22.439	35.058	36.364		30.392	
2/13/13 15:00	38.304	38.200	33.494	3/29/14 0:00	38.305	22.542	35.081	36.453		30.445	
2/13/13 15:20	38.288	38.181	33.445	3/29/14 4:00	38.337	22.603	35.114	36.481		30.490	
2/13/13 15:40	38.274	38.167	33.424	3/29/14 8:00	38.342	22.640	35.191	36.486		30.502	
2/13/13 16:00	38.281	38.177	33.473	3/29/14 12:00	38.274	22.621	35.237	36.427		30.602	
2/13/13 16:20	38.269	38.163	33.424	3/29/14 16:00	38.102	22.514	35.158	36.283		30.466	
2/13/13 16:40	38.258	38.151	33.405	3/29/14 20:00	38.051	22.488	35.079	36.238		30.354	
2/13/13 17:00	38.248	38.142	33.393	3/30/14 0:00	38.074	22.491	34.937	36.257		30.289	
2/13/13 17:20	38.244	38.137	33.384	3/30/14 4:00	38.039	22.437	34.830	36.227		30.202	
2/13/13 17:40	38.237	38.132	33.377	3/30/14 8:00	38.016	22.393	34.746	36.203		30.123	
2/13/13 18:00	38.234	38.125	33.370	3/30/14 12:00	37.993	22.342	34.750	36.182		30.099	
2/13/13 18:20	38.230	38.123	33.367	3/30/14 16:00	37.946	22.269	34.785	36.145		30.064	
2/13/13 18:40	38.225	38.116	33.363	3/30/14 20:00	37.927	22.220	34.788	36.131		30.043	
2/13/13 19:00	38.227	38.118	33.358	3/31/14 0:00	37.946	22.181	34.676	36.147		30.008	
2/13/13 19:20	38.279	38.167	33.731	3/31/14 4:00	37.911	22.111	34.504	36.110		29.866	
2/13/13 19:40	38.337	38.233	33.930	3/31/14 8:00	38.025	22.181	34.541	36.210		29.859	
2/13/13 20:00	38.395	38.296	34.212	3/31/14 12:00	38.181	22.274	34.697	36.341		30.022	
2/13/13 20:20	38.472	38.378	34.402	3/31/14 16:00	38.258	22.335	34.785	36.409		30.135	
2/13/13 20:40	38.468	38.380	34.005	3/31/14 20:00	38.370	22.456	35.093	36.507		30.296	
2/13/13 21:00	38.449	38.354	33.914	4/1/14 0:00	38.386	22.507	35.130	36.523		30.436	
2/13/13 21:20	38.421	38.324	33.757	4/1/14 4:00	38.321	22.500	35.107	36.470		30.420	
2/13/13 21:40	38.400	38.303	33.693	4/1/14 8:00	38.284	22.521	35.095	36.437		30.408	
2/13/13 22:00	38.405	38.303	33.947	4/1/14 12:00	38.228	22.509	35.032	36.390		30.413	
2/13/13 22:20	38.386	38.286	33.649	4/1/14 16:00	38.083	22.405	35.044	36.269		30.380	
2/13/13 22:40	38.398	38.291	33.897	4/1/14 20:00	38.088	22.430	34.969	36.273		30.298	
2/13/13 23:00	38.407	38.310	33.757	4/2/14 0:00	38.111	22.416	34.883	36.292		30.233	
2/13/13 23:20	38.395	38.296	33.822	4/2/14 4:00	38.060	22.367	34.825	36.248		30.195	
2/13/13 23:40	38.395	38.291	33.841	4/2/14 8:00	38.076	22.381	34.783	36.262		30.156	
2/14/13 0:00	38.388	38.282	33.806	4/2/14 12:00	38.086	22.370	34.781	36.266		30.146	
2/14/13 0:20	38.386	38.284	33.639	4/2/14 16:00	38.034	22.309	34.818	36.222		30.128	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/14/13 0:40	38.367	38.263	33.581	4/2/14 20:00	38.023	22.274	34.764	36.210		30.099	
2/14/13 1:00	38.358	38.254	33.553	4/3/14 0:00	38.027	22.244	34.676	36.220		30.060	
2/14/13 1:20	38.356	38.249	33.539	4/3/14 4:00	38.055	22.251	34.660	36.238		30.025	
2/14/13 1:40	38.367	38.258	33.738	4/3/14 8:00	38.107	22.297	34.685	36.285		30.029	
2/14/13 2:00	38.360	38.256	33.567	4/3/14 12:00	38.132	22.283	34.711	36.304		30.062	
2/14/13 2:20	38.356	38.249	33.541	4/3/14 16:00	38.165	22.307	34.764	36.334		30.104	
2/14/13 2:40	38.356	38.249	33.534	4/3/14 20:00	38.307	22.442	34.897	36.460		30.247	
2/14/13 3:00	38.349	38.242	33.525	4/4/14 0:00	38.328	22.482	35.051	36.479		30.378	
2/14/13 3:20	38.365	38.254	33.752	4/4/14 4:00	38.316	22.516	35.056	36.470		30.413	
2/14/13 3:40	38.363	38.258	33.562	4/4/14 8:00	38.326	22.563	35.097	36.474		30.422	
2/14/13 4:00	38.363	38.258	33.543	4/4/14 12:00	38.342	22.607	35.151	36.491		30.527	
2/14/13 4:20	38.365	38.256	33.536	4/4/14 16:00	38.221	22.554	35.186	36.388		30.523	
2/14/13 4:40	38.363	38.256	33.534	4/4/14 20:00	38.193	22.563	35.153	36.364		30.466	
2/14/13 5:00	38.360	38.254	33.529	4/5/14 0:00	38.200	22.589	35.056	36.371		30.424	
2/14/13 5:20	38.358	38.251	33.527	4/5/14 4:00	38.191	22.591	35.032	36.360		30.392	
2/14/13 5:40	38.360	38.251	33.525	4/5/14 8:00	38.177	22.575	34.997	36.348		30.368	
2/14/13 6:00	38.363	38.256	33.527	4/5/14 12:00	38.146	22.554	35.000	36.320		30.352	
2/14/13 6:20	38.363	38.256	33.529	4/5/14 16:00	38.060	22.472	35.135	36.283		30.361	
2/14/13 6:40	38.360	38.251	33.527	4/5/14 20:00	38.086	22.484	35.195	36.290		30.448	
2/14/13 7:00	38.363	38.254	33.527	4/6/14 0:00	38.165	22.533	35.002	36.350		30.336	
2/14/13 7:20	38.374	38.263	33.534	4/6/14 4:00	38.146	22.502	34.969	36.329		30.324	
2/14/13 7:40	38.379	38.270	33.536	4/6/14 8:00	38.153	22.503	34.921	36.334		30.289	
2/14/13 8:00	38.381	38.272	33.536	4/6/14 12:00	38.111	22.454	34.853	36.292		30.235	
2/14/13 8:20	38.386	38.275	33.541	4/6/14 16:00	38.046	22.400	34.839	36.238		30.198	
2/14/13 8:40	38.386	38.277	33.546	4/6/14 20:00	38.081	22.412	35.046	36.273		30.296	
2/14/13 9:00	38.393	38.284	33.553	4/7/14 0:00	38.132	22.426	34.865	36.313		30.223	
2/14/13 9:20	38.395	38.286	33.555	4/7/14 4:00	38.116	22.400	34.816	36.297		30.167	
2/14/13 9:40	38.402	38.291	33.562	4/7/14 8:00	38.188	22.461	34.860	36.360		30.214	
2/14/13 10:00	38.409	38.298	33.571	4/7/14 12:00	38.239	22.482	34.995	36.418		30.298	
2/14/13 10:20	38.419	38.308	33.583	4/7/14 16:00	38.177	22.444	35.016	36.362		30.303	
2/14/13 10:40	38.426	38.315	33.586	4/7/14 20:00	38.232	22.507	35.060	36.406		30.385	
2/14/13 11:00	38.430	38.322	33.595	4/8/14 0:00	38.288	22.563	35.084	36.451		30.427	
2/14/13 11:20	38.435	38.324	33.597	4/8/14 4:00	38.263	22.565	35.037	36.428		30.406	
2/14/13 11:40	38.437	38.331	33.604	4/8/14 8:00	38.291	22.614	35.100	36.451		30.438	

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)		
Date and Time	MW07D	MW07M	MW12
2/14/13 12:00	38.444	38.336	33.609
2/14/13 12:20	38.449	38.340	33.611
2/14/13 12:40	38.496	38.387	33.900
2/14/13 13:00	38.545	38.441	34.017
2/14/13 13:20	38.572	38.471	34.027
2/14/13 13:40	38.591	38.485	34.212
2/14/13 14:00	38.638	38.546	34.219
2/14/13 14:20	38.638	38.537	34.355
2/14/13 14:40	38.605	38.509	33.942
2/14/13 15:00	38.628	38.527	34.320
2/14/13 15:20	38.596	38.497	33.905
2/14/13 15:40	38.612	38.511	34.179
2/14/13 16:00	38.591	38.487	34.024
2/14/13 16:20	38.608	38.509	34.083
2/14/13 16:40	38.617	38.520	34.076
2/14/13 17:00	38.631	38.534	34.165
2/14/13 17:20	38.610	38.516	33.982
2/14/13 17:40	38.610	38.511	34.017
2/14/13 18:00	38.596	38.495	33.912
2/14/13 18:20	38.589	38.487	34.038
2/14/13 18:40	38.610	38.506	34.275
2/14/13 19:00	38.596	38.497	33.926
2/14/13 19:20	38.580	38.476	33.851
2/14/13 19:40	38.593	38.492	33.895
2/14/13 20:00	38.600	38.495	34.102
2/14/13 20:20	38.596	38.492	33.872
2/14/13 20:40	38.586	38.480	33.832
2/14/13 21:00	38.589	38.483	33.822
2/14/13 21:20	38.587	38.483	33.818
2/14/13 21:40	38.607	38.504	33.933
2/14/13 22:00	38.598	38.495	33.851
2/14/13 22:20	38.596	38.487	33.834
2/14/13 22:40	38.600	38.492	33.834
2/14/13 23:00	38.593	38.490	33.829

	Water Level (ft BGL)					
Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/8/14 12:00	38.281	22.628	35.135	36.442		30.466	
4/8/14 16:00	38.207	22.589	35.170	36.397		30.497	
4/8/14 20:00	38.211	22.603	35.356	36.390		30.583	
4/9/14 0:00	38.211	22.614	35.139	36.388		30.480	
4/9/14 4:00	38.172	22.579	35.056	36.350		30.424	
4/9/14 8:00	38.130	22.542	35.009	36.313		30.347	
4/9/14 12:00	38.060	22.470	34.976	36.250		30.315	
4/9/14 16:00	37.951	22.358	34.818	36.154		30.167	
4/9/14 20:00	37.979	22.349	34.879	36.180		30.160	
4/10/14 0:00	38.034	22.337	34.734	36.227		30.090	
4/10/14 4:00	38.032	22.304	34.674	36.222		30.032	
4/10/14 8:00	38.253	22.470	34.820	36.414		30.184	
4/10/14 12:00	38.335	22.538	34.944	36.481			

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/14/13 23:20	38.612	38.506	33.888								
2/14/13 23:40	38.610	38.502	33.855								
2/15/13 0:00	38.608	38.502	33.844								
2/15/13 0:20	38.605	38.499	33.839								
2/15/13 0:40	38.608	38.499	33.837								
2/15/13 1:00	38.610	38.502	33.837								
2/15/13 1:20	38.612	38.504	33.839								
2/15/13 1:40	38.612	38.504	33.841								
2/15/13 2:00	38.633	38.527	33.923								
2/15/13 2:20	38.631	38.523	33.876								
2/15/13 2:40	38.629	38.523	33.867								
2/15/13 3:00	38.626	38.520	33.860								
2/15/13 3:20	38.624	38.516	33.858								
2/15/13 3:40	38.626	38.516	33.858								
2/15/13 4:00	38.624	38.513	33.855								
2/15/13 4:20	38.619	38.511	33.851								
2/15/13 4:40	38.617	38.509	33.846								
2/15/13 5:00	38.612	38.506	33.844								
2/15/13 5:20	38.612	38.504	33.841								
2/15/13 5:40	38.614	38.506	33.844								
2/15/13 6:00	38.612	38.506	33.846								
2/15/13 6:20	38.612	38.504	33.846								
2/15/13 6:40	38.610	38.502	33.844								
2/15/13 7:00	38.610	38.504	33.844								
2/15/13 7:20	38.612	38.504	33.841								
2/15/13 7:40	38.617	38.511	33.844								
2/15/13 8:00	38.617	38.511	33.846								
2/15/13 8:20	38.614	38.506	33.846								
2/15/13 8:40	38.636	38.530	33.991								
2/15/13 9:00	38.631	38.520	33.886								
2/15/13 9:20	38.624	38.513	33.869								
2/15/13 9:40	38.624	38.516	33.874								
2/15/13 10:00	38.635	38.530	33.916								
2/15/13 10:20	38.626	38.520	33.881								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/15/13 10:40	38.631	38.523	33.869								
2/15/13 11:00	38.633	38.525	33.858								
2/15/13 11:20	38.626	38.518	33.851								
2/15/13 11:40	38.617	38.511	33.841								
2/15/13 12:00	38.626	38.520	33.916								
2/15/13 12:20	38.636	38.530	33.919								
2/15/13 12:40	38.624	38.516	33.874								
2/15/13 13:00	38.621	38.518	33.907								
2/15/13 13:20	38.605	38.502	33.860								
2/15/13 13:40	38.621	38.516	33.940								
2/15/13 14:00	38.603	38.497	33.862								
2/15/13 14:20	38.615	38.504	33.837								
2/15/13 14:40	38.633	38.525	33.818								
2/15/13 15:00	38.635	38.532	33.890								
2/15/13 15:20	38.610	38.504	33.822								
2/15/13 15:40	38.589	38.483	33.799								
2/15/13 16:00	38.572	38.466	33.785								
2/15/13 16:20	38.556	38.452	33.768								
2/15/13 16:40	38.545	38.438	33.759								
2/15/13 17:00	38.535	38.429	33.752								
2/15/13 17:20	38.521	38.415	33.743								
2/15/13 17:40	38.514	38.408	33.733								
2/15/13 18:00	38.526	38.415	34.027								
2/15/13 18:20	38.572	38.469	34.266								
2/15/13 18:40	38.612	38.509	34.385								
2/15/13 19:00	38.645	38.546	34.399								
2/15/13 19:20	38.706	38.614	34.625								
2/15/13 19:40	38.685	38.586	34.179								
2/15/13 20:00	38.661	38.562	34.052								
2/15/13 20:20	38.654	38.555	34.080								
2/15/13 20:40	38.659	38.560	34.090								
2/15/13 21:00	38.647	38.546	34.163								
2/15/13 21:20	38.650	38.548	34.087								
2/15/13 21:40	38.661	38.562	34.167								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/15/13 22:00	38.638	38.537	33.973								
2/15/13 22:20	38.622	38.518	33.921								
2/15/13 22:40	38.626	38.525	33.998								
2/15/13 23:00	38.607	38.504	33.905								
2/15/13 23:20	38.605	38.499	33.902								
2/15/13 23:40	38.622	38.518	34.179								
2/16/13 0:00	38.628	38.523	34.200								
2/16/13 0:20	38.614	38.511	33.933								
2/16/13 0:40	38.601	38.497	33.888								
2/16/13 1:00	38.591	38.485	33.865								
2/16/13 1:20	38.582	38.476	33.848								
2/16/13 1:40	38.577	38.471	33.837								
2/16/13 2:00	38.568	38.459	33.827								
2/16/13 2:20	38.565	38.459	33.818								
2/16/13 2:40	38.558	38.452	33.808								
2/16/13 3:00	38.554	38.448	33.804								
2/16/13 3:20	38.570	38.469	33.937								
2/16/13 3:40	38.556	38.452	33.834								
2/16/13 4:00	38.554	38.448	33.811								
2/16/13 4:20	38.547	38.441	33.797								
2/16/13 4:40	38.533	38.427	33.780								
2/16/13 5:00	38.526	38.422	33.771								
2/16/13 5:20	38.521	38.415	33.761								
2/16/13 5:40	38.514	38.408	33.750								
2/16/13 6:00	38.505	38.401	33.743								
2/16/13 6:20	38.503	38.396	33.738								
2/16/13 6:40	38.496	38.387	33.731								
2/16/13 7:00	38.484	38.375	33.717								
2/16/13 7:20	38.475	38.368	33.705								
2/16/13 7:40	38.468	38.359	33.691								
2/16/13 8:00	38.456	38.350	33.679								
2/16/13 8:20	38.449	38.343	33.672								
2/16/13 8:40	38.444	38.336	33.665								
2/16/13 9:00	38.440	38.331	33.656								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/16/13 9:20	38.430	38.324	33.649								
2/16/13 9:40	38.426	38.317	33.639								
2/16/13 10:00	38.423	38.315	33.632								
2/16/13 10:20	38.412	38.305	33.621								
2/16/13 10:40	38.405	38.298	33.611								
2/16/13 11:00	38.391	38.284	33.593								
2/16/13 11:20	38.379	38.272	33.579								
2/16/13 11:40	38.367	38.261	33.569								
2/16/13 12:00	38.358	38.251	33.555								
2/16/13 12:20	38.372	38.261	33.754								
2/16/13 12:40	38.363	38.256	33.583								
2/16/13 13:00	38.440	38.340	34.010								
2/16/13 13:20	38.500	38.406	34.406								
2/16/13 13:40	38.484	38.389	33.963								
2/16/13 14:00	38.505	38.408	34.156								
2/16/13 14:20	38.482	38.389	33.984								
2/16/13 14:40	38.472	38.382	33.956								
2/16/13 15:00	38.468	38.378	33.933								
2/16/13 15:20	38.635	38.679	33.916								
2/16/13 15:40	38.612	38.703	33.893								
2/16/13 16:00	38.710	38.735	33.853								
2/16/13 16:20	38.510	38.382	33.712								
2/16/13 16:40	38.465	38.389	33.815								
2/16/13 17:00	38.514	38.539	33.876								
2/16/13 17:20	38.468	38.375	33.865								
2/16/13 17:40	38.475	38.378	34.045								
2/16/13 18:00	38.430	38.336	33.717								
2/16/13 18:20	38.414	38.315	33.731								
2/16/13 18:40	38.421	38.317	33.869								
2/16/13 19:00	38.444	38.340	33.919								
2/16/13 19:20	38.423	38.322	33.663								
2/16/13 19:40	38.400	38.296	33.703								
2/16/13 20:00	38.391	38.291	33.639								
2/16/13 20:20	38.367	38.265	33.588								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/16/13 20:40	38.353	38.249	33.560								
2/16/13 21:00	38.337	38.233	33.543								
2/16/13 21:20	38.323	38.219	33.525								
2/16/13 21:40	38.316	38.209	33.513								
2/16/13 22:00	38.307	38.200	33.501								
2/16/13 22:20	38.300	38.195	33.489								
2/16/13 22:40	38.300	38.191	33.520								
2/16/13 23:00	38.307	38.202	33.529								
2/16/13 23:20	38.300	38.193	33.501								
2/16/13 23:40	38.293	38.186	33.487								
2/17/13 0:00	38.288	38.181	33.478								
2/17/13 0:20	38.286	38.179	33.468								
2/17/13 0:40	38.295	38.191	33.532								
2/17/13 1:00	38.283	38.177	33.482								
2/17/13 1:20	38.283	38.177	33.466								
2/17/13 1:40	38.283	38.172	33.536								
2/17/13 2:00	38.288	38.184	33.510								
2/17/13 2:20	38.279	38.174	33.473								
2/17/13 2:40	38.274	38.167	33.454								
2/17/13 3:00	38.272	38.165	33.442								
2/17/13 3:20	38.262	38.153	33.433								
2/17/13 3:40	38.260	38.153	33.431								
2/17/13 4:00	38.255	38.146	33.421								
2/17/13 4:20	38.255	38.149	33.419								
2/17/13 4:40	38.251	38.142	33.414								
2/17/13 5:00	38.248	38.139	33.410								
2/17/13 5:20	38.244	38.135	33.403								
2/17/13 5:40	38.239	38.132	33.398								
2/17/13 6:00	38.241	38.135	33.393								
2/17/13 6:20	38.239	38.128	33.391								
2/17/13 6:40	38.234	38.128	33.389								
2/17/13 7:00	38.230	38.121	33.381								
2/17/13 7:20	38.230	38.118	33.377								
2/17/13 7:40	38.227	38.118	33.374								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/17/13 8:00	38.223	38.114	33.370								
2/17/13 8:20	38.218	38.111	33.365								
2/17/13 8:40	38.234	38.128	33.525								
2/17/13 9:00	38.230	38.121	33.393								
2/17/13 9:20	38.223	38.114	33.372								
2/17/13 9:40	38.223	38.114	33.365								
2/17/13 10:00	38.218	38.111	33.358								
2/17/13 10:20	38.211	38.102	33.353								
2/17/13 10:40	38.216	38.104	33.349								
2/17/13 11:00	38.211	38.102	33.339								
2/17/13 11:20	38.206	38.100	33.335								
2/17/13 11:40	38.209	38.100	33.330								
2/17/13 12:00	38.209	38.100	33.323								
2/17/13 12:20	38.213	38.100	33.489								
2/17/13 12:40	38.262	38.153	33.647								
2/17/13 13:00	38.356	38.249	34.165								
2/17/13 13:20	38.416	38.350	33.933								
2/17/13 13:40	38.493	38.357	34.209								
2/17/13 14:00	38.573	38.506	34.165								
2/17/13 14:20	38.530	38.492	33.947								
2/17/13 14:40	38.661	38.649	33.942								
2/17/13 15:00	38.624	38.497	33.665								
2/17/13 15:20	38.398	38.310	33.604								
2/17/13 15:40	38.346	38.254	33.579								
2/17/13 16:00	38.309	38.214	33.527								
2/17/13 16:20	38.281	38.179	33.647								
2/17/13 16:40	38.269	38.172	33.630								
2/17/13 17:00	38.244	38.139	33.672								
2/17/13 17:20	38.244	38.144	33.508								
2/17/13 17:40	38.232	38.132	33.454								
2/17/13 18:00	38.241	38.142	33.588								
2/17/13 18:20	38.276	38.177	33.726								
2/17/13 18:40	38.232	38.132	33.440								
2/17/13 19:00	38.209	38.109	33.405								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/17/13 19:20	38.204	38.102	33.431								
2/17/13 19:40	38.174	38.071	33.332								
2/17/13 20:00	38.153	38.048	33.292								
2/17/13 20:20	38.134	38.032	33.267								
2/17/13 20:40	38.118	38.013	33.245								
2/17/13 21:00	38.120	38.015	33.419								
2/17/13 21:20	38.106	38.004	33.250								
2/17/13 21:40	38.092	37.985	33.220								
2/17/13 22:00	38.085	37.976	33.203								
2/17/13 22:20	38.076	37.971	33.189								
2/17/13 22:40	38.067	37.959	33.177								
2/17/13 23:00	38.059	37.952	33.170								
2/17/13 23:20	38.053	37.945	33.159								
2/17/13 23:40	38.041	37.934	33.140								
2/18/13 0:00	38.031	37.924	33.131								
2/18/13 0:20	38.022	37.915	33.116								
2/18/13 0:40	38.017	37.910	33.107								
2/18/13 1:00	38.008	37.901	33.098								
2/18/13 1:20	37.999	37.892	33.086								
2/18/13 1:40	37.992	37.882	33.074								
2/18/13 2:00	37.985	37.875	33.062								
2/18/13 2:20	37.976	37.868	33.051								
2/18/13 2:40	37.966	37.861	33.041								
2/18/13 3:00	37.964	37.856	33.037								
2/18/13 3:20	37.971	37.863	33.041								
2/18/13 3:40	37.978	37.868	33.048								
2/18/13 4:00	37.978	37.873	33.053								
2/18/13 4:20	37.982	37.863	33.041								
2/18/13 4:40	37.982	37.863	33.039								
2/18/13 5:00	37.978	37.868	33.046								
2/18/13 5:20	37.994	37.887	33.062								
2/18/13 5:40	38.006	37.894	33.070								
2/18/13 6:00	38.025	37.910	33.093								
2/18/13 6:20	38.046	37.936	33.109								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/18/13 6:40	38.060	37.950	33.123								
2/18/13 7:00	38.069	37.955	33.131								
2/18/13 7:20	38.088	37.973	33.149								
2/18/13 7:40	38.097	37.985	33.163								
2/18/13 8:00	38.118	38.004	33.180								
2/18/13 8:20	38.134	38.022	33.201								
2/18/13 8:40	38.150	38.039	33.227								
2/18/13 9:00	38.162	38.050	33.241								
2/18/13 9:20	38.178	38.064	33.255								
2/18/13 9:40	38.195	38.083	33.271								
2/18/13 10:00	38.211	38.097	33.288								
2/18/13 10:20	38.225	38.109	33.302								
2/18/13 10:40	38.262	38.151	33.431								
2/18/13 11:00	38.267	38.156	33.372								
2/18/13 11:20	38.274	38.165	33.370								
2/18/13 11:40	38.279	38.170	33.374								
2/18/13 12:00	38.295	38.181	33.381								
2/18/13 12:20	38.297	38.188	33.389								
2/18/13 12:40	38.302	38.193	33.396								
2/18/13 13:00	38.314	38.200	33.403								
2/18/13 13:20	38.316	38.207	33.410								
2/18/13 13:40	38.325	38.212	33.414								
2/18/13 14:00	38.325	38.214	33.419								
2/18/13 14:20	38.330	38.216	33.424								
2/18/13 14:40	38.335	38.223	33.426								
2/18/13 15:00	38.365	38.249	33.684								
2/18/13 15:20	38.358	38.247	33.489								
2/18/13 15:40	38.356	38.244	33.468								
2/18/13 16:00	38.372	38.263	33.518								
2/18/13 16:20	38.379	38.263	33.588								
2/18/13 16:40	38.386	38.279	33.536								
2/18/13 17:00	38.381	38.272	33.515								
2/18/13 17:20	38.388	38.277	33.510								
2/18/13 17:40	38.393	38.282	33.510								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/18/13 18:00	38.400	38.286	33.515								
2/18/13 18:20	38.414	38.303	33.520								
2/18/13 18:40	38.421	38.308	33.525								
2/18/13 19:00	38.428	38.315	33.548								
2/18/13 19:20	38.489	38.380	33.914								
2/18/13 19:40	38.573	38.464	34.439								
2/18/13 20:00	38.661	38.565	34.512								
2/18/13 20:20	38.692	38.593	34.512								
2/18/13 20:40	38.643	38.544	33.991								
2/18/13 21:00	38.659	38.558	34.310								
2/18/13 21:20	38.715	38.614	34.686								
2/18/13 21:40	38.696	38.602	34.116								
2/18/13 22:00	38.682	38.581	34.277								
2/18/13 22:20	38.670	38.569	34.127								
2/18/13 22:40	38.687	38.590	34.249								
2/18/13 23:00	38.677	38.576	34.052								
2/18/13 23:20	38.659	38.558	33.977								
2/18/13 23:40	38.642	38.541	33.935								
2/19/13 0:00	38.640	38.539	33.942								
2/19/13 0:20	38.636	38.534	33.947								
2/19/13 0:40	38.617	38.516	33.865								
2/19/13 1:00	38.619	38.518	33.982								
2/19/13 1:20	38.615	38.516	33.930								
2/19/13 1:40	38.598	38.495	33.848								
2/19/13 2:00	38.605	38.502	33.879								
2/19/13 2:20	38.594	38.487	33.829								
2/19/13 2:40	38.582	38.476	33.808								
2/19/13 3:00	38.575	38.469	33.797								
2/19/13 3:20	38.570	38.464	33.787								
2/19/13 3:40	38.589	38.480	33.851								
2/19/13 4:00	38.582	38.473	33.813								
2/19/13 4:20	38.575	38.466	33.799								
2/19/13 4:40	38.570	38.462	33.790								
2/19/13 5:00	38.568	38.459	33.785								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/19/13 5:20	38.568	38.462	33.780								
2/19/13 5:40	38.570	38.462	33.780								
2/19/13 6:00	38.570	38.462	33.785								
2/19/13 6:20	38.570	38.462	33.787								
2/19/13 6:40	38.573	38.464	33.787								
2/19/13 7:00	38.575	38.466	33.787								
2/19/13 7:20	38.582	38.471	33.790								
2/19/13 7:40	38.586	38.478	33.792								
2/19/13 8:00	38.587	38.480	33.794								
2/19/13 8:20	38.586	38.478	33.797								
2/19/13 8:40	38.589	38.478	33.799								
2/19/13 9:00	38.591	38.480	33.801								
2/19/13 9:20	38.594	38.483	33.804								
2/19/13 9:40	38.600	38.492	33.813								
2/19/13 10:00	38.598	38.490	33.813								
2/19/13 10:20	38.603	38.495	33.813								
2/19/13 10:40	38.629	38.520	33.926								
2/19/13 11:00	38.621	38.513	33.858								
2/19/13 11:20	38.617	38.511	33.844								
2/19/13 11:40	38.631	38.525	33.900								
2/19/13 12:00	38.624	38.516	33.860								
2/19/13 12:20	38.661	38.558	34.052								
2/19/13 12:40	38.701	38.600	34.148								
2/19/13 13:00	38.785	38.681	34.808								
2/19/13 13:20	38.831	38.738	34.770								
2/19/13 13:40	38.803	38.710	34.369								
2/19/13 14:00	38.801	38.710	34.336								
2/19/13 14:20	38.766	38.672	34.228								
2/19/13 14:40	38.754	38.658	34.195								
2/19/13 15:00	38.733	38.637	34.179								
2/19/13 15:20	38.708	38.609	34.080								
2/19/13 15:40	38.719	38.618	34.374								
2/19/13 16:00	38.699	38.604	34.116								
2/19/13 16:20	38.673	38.569	34.212								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/19/13 16:40	38.675	38.576	34.137								
2/19/13 17:00	38.649	38.548	34.193								
2/19/13 17:20	38.645	38.546	34.059								
2/19/13 17:40	38.638	38.534	34.156								
2/19/13 18:00	38.652	38.555	34.116								
2/19/13 18:20	38.640	38.541	34.106								
2/19/13 18:40	38.643	38.544	34.057								
2/19/13 19:00	38.675	38.572	34.151								
2/19/13 19:20	38.668	38.567	34.001								
2/19/13 19:40	38.657	38.555	34.017								
2/19/13 20:00	38.631	38.530	33.926								
2/19/13 20:20	38.607	38.506	33.888								
2/19/13 20:40	38.598	38.492	33.862								
2/19/13 21:00	38.579	38.476	33.844								
2/19/13 21:20	38.570	38.464	33.829								
2/19/13 21:40	38.556	38.450	33.813								
2/19/13 22:00	38.579	38.476	33.893								
2/19/13 22:20	38.566	38.464	33.841								
2/19/13 22:40	38.558	38.452	33.825								
2/19/13 23:00	38.551	38.445	33.806								
2/19/13 23:20	38.549	38.443	33.799								
2/19/13 23:40	38.540	38.434	33.790								
2/20/13 0:00	38.533	38.424	33.780								
2/20/13 0:20	38.547	38.438	33.942								
2/20/13 0:40	38.538	38.431	33.808								
2/20/13 1:00	38.530	38.427	33.785								
2/20/13 1:20	38.521	38.413	33.766								
2/20/13 1:40	38.512	38.408	33.757								
2/20/13 2:00	38.505	38.399	33.747								
2/20/13 2:20	38.498	38.392	33.738								
2/20/13 2:40	38.493	38.385	33.729								
2/20/13 3:00	38.486	38.382	33.722								
2/20/13 3:20	38.479	38.373	33.715								
2/20/13 3:40	38.472	38.366	33.708								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/20/13 4:00	38.468	38.364	33.700								
2/20/13 4:20	38.468	38.359	33.696								
2/20/13 4:40	38.465	38.357	33.693								
2/20/13 5:00	38.458	38.350	33.684								
2/20/13 5:20	38.451	38.345	33.679								
2/20/13 5:40	38.447	38.340	33.670								
2/20/13 6:00	38.449	38.338	33.668								
2/20/13 6:20	38.442	38.336	33.663								
2/20/13 6:40	38.444	38.338	33.663								
2/20/13 7:00	38.433	38.326	33.658								
2/20/13 7:20	38.440	38.333	33.661								
2/20/13 7:40	38.458	38.352	33.677								
2/20/13 8:00	38.456	38.350	33.672								
2/20/13 8:20	38.456	38.347	33.668								
2/20/13 8:40	38.456	38.350	33.668								
2/20/13 9:00	38.449	38.340	33.663								
2/20/13 9:20	38.449	38.336	33.656								
2/20/13 9:40	38.451	38.340	33.656								
2/20/13 10:00	38.458	38.350	33.665								
2/20/13 10:20	38.456	38.345	33.663								
2/20/13 10:40	38.456	38.347	33.665								
2/20/13 11:00	38.449	38.343	33.661								
2/20/13 11:20	38.451	38.343	33.665								
2/20/13 11:40	38.458	38.352	33.698								
2/20/13 12:00	38.468	38.361	33.886								
2/20/13 12:20	38.470	38.361	33.947								
2/20/13 12:40	38.475	38.371	33.846								
2/20/13 13:00	38.470	38.361	33.973								
2/20/13 13:20	38.484	38.380	33.890								
2/20/13 13:40	38.491	38.382	33.977								
2/20/13 14:00	38.472	38.371	33.757								
2/20/13 14:20	38.451	38.347	33.693								
2/20/13 14:40	38.430	38.326	33.658								
2/20/13 15:00	38.412	38.305	33.628								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/20/13 15:20	38.398	38.291	33.607								
2/20/13 15:40	38.402	38.301	33.675								
2/20/13 16:00	38.388	38.282	33.609								
2/20/13 16:20	38.398	38.296	33.693								
2/20/13 16:40	38.381	38.275	33.607								
2/20/13 17:00	38.367	38.263	33.581								
2/20/13 17:20	38.356	38.251	33.557								
2/20/13 17:40	38.346	38.242	33.543								
2/20/13 18:00	38.344	38.235	33.534								
2/20/13 18:20	38.337	38.230	33.527								
2/20/13 18:40	38.416	38.312	34.017								
2/20/13 19:00	38.414	38.315	33.752								
2/20/13 19:20	38.409	38.312	33.715								
2/20/13 19:40	38.395	38.289	33.635								
2/20/13 20:00	38.402	38.301	33.710								
2/20/13 20:20	38.391	38.284	33.625								
2/20/13 20:40	38.384	38.279	33.604								
2/20/13 21:00	38.374	38.270	33.583								
2/20/13 21:20	38.370	38.261	33.571								
2/20/13 21:40	38.367	38.261	33.564								
2/20/13 22:00	38.360	38.256	33.555								
2/20/13 22:20	38.360	38.251	33.550								
2/20/13 22:40	38.356	38.247	33.543								
2/20/13 23:00	38.351	38.242	33.541								
2/20/13 23:20	38.346	38.237	33.534								
2/20/13 23:40	38.349	38.242	33.532								
2/21/13 0:00	38.349	38.237	33.529								
2/21/13 0:20	38.330	38.226	33.513								
2/21/13 0:40	38.332	38.216	33.508								
2/21/13 1:00	38.328	38.223	33.510								
2/21/13 1:20	38.323	38.212	33.499								
2/21/13 1:40	38.328	38.216	33.501								
2/21/13 2:00	38.311	38.207	33.489								
2/21/13 2:20	38.307	38.200	33.478								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/21/13 2:40	38.300	38.191	33.468								
2/21/13 3:00	38.290	38.186	33.459								
2/21/13 3:20	38.281	38.177	33.447								
2/21/13 3:40	38.274	38.167	33.435								
2/21/13 4:00	38.265	38.163	33.428								
2/21/13 4:20	38.244	38.146	33.410								
2/21/13 4:40	38.248	38.135	33.398								
2/21/13 5:00	38.237	38.132	33.389								
2/21/13 5:20	38.239	38.130	33.391								
2/21/13 5:40	38.232	38.128	33.389								
2/21/13 6:00	38.223	38.118	33.379								
2/21/13 6:20	38.227	38.118	33.379								
2/21/13 6:40	38.220	38.111	33.367								
2/21/13 7:00	38.218	38.111	33.370								
2/21/13 7:20	38.218	38.104	33.363								
2/21/13 7:40	38.218	38.109	33.363								
2/21/13 8:00	38.218	38.109	33.360								
2/21/13 8:20	38.213	38.104	33.353								
2/21/13 8:40	38.213	38.102	33.351								
2/21/13 9:00	38.218	38.109	33.356								
2/21/13 9:20	38.223	38.114	33.356								
2/21/13 9:40	38.223	38.116	33.356								
2/21/13 10:00	38.218	38.116	33.353								
2/21/13 10:20	38.216	38.107	33.344								
2/21/13 10:40	38.218	38.104	33.344								
2/21/13 11:00	38.213	38.104	33.339								
2/21/13 11:20	38.211	38.102	33.337								
2/21/13 11:40	38.204	38.095	33.328								
2/21/13 12:00	38.202	38.093	33.325								
2/21/13 12:20	38.199	38.090	33.318								
2/21/13 12:40	38.190	38.083	33.311								
2/21/13 13:00	38.181	38.076	33.304								
2/21/13 13:20	38.176	38.064	33.292								
2/21/13 13:40	38.171	38.062	33.285								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/21/13 14:00	38.183	38.069	33.295								
2/21/13 14:20	38.178	38.067	33.295								
2/21/13 14:40	38.174	38.069	33.292								
2/21/13 15:00	38.169	38.060	33.283								
2/21/13 15:20	38.169	38.060	33.278								
2/21/13 15:40	38.162	38.055	33.271								
2/21/13 16:00	38.162	38.053	33.269								
2/21/13 16:20	38.174	38.062	33.269								
2/21/13 16:40	38.178	38.069	33.269								
2/21/13 17:00	38.178	38.069	33.267								
2/21/13 17:20	38.176	38.064	33.269								
2/21/13 17:40	38.178	38.067	33.274								
2/21/13 18:00	38.227	38.111	33.790								
2/21/13 18:20	38.332	38.221	34.205								
2/21/13 18:40	38.428	38.326	34.228								
2/21/13 19:00	38.428	38.336	33.928								
2/21/13 19:20	38.440	38.338	34.200								
2/21/13 19:40	38.458	38.354	34.301								
2/21/13 20:00	38.456	38.364	34.019								
2/21/13 20:20	38.435	38.336	33.933								
2/21/13 20:40	38.419	38.322	33.745								
2/21/13 21:00	38.400	38.303	33.679								
2/21/13 21:20	38.412	38.310	33.855								
2/21/13 21:40	38.402	38.303	33.710								
2/21/13 22:00	38.391	38.291	33.661								
2/21/13 22:20	38.367	38.265	33.576								
2/21/13 22:40	38.377	38.275	33.647								
2/21/13 23:00	38.358	38.254	33.560								
2/21/13 23:20	38.363	38.261	33.625								
2/21/13 23:40	38.349	38.244	33.546								
2/22/13 0:00	38.339	38.230	33.515								
2/22/13 0:20	38.353	38.244	33.651								
2/22/13 0:40	38.349	38.244	33.541								
2/22/13 1:00	38.337	38.230	33.515								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/22/13 1:20	38.335	38.226	33.501								
2/22/13 1:40	38.330	38.223	33.496								
2/22/13 2:00	38.328	38.219	33.487								
2/22/13 2:20	38.330	38.221	33.485								
2/22/13 2:40	38.328	38.216	33.482								
2/22/13 3:00	38.325	38.216	33.480								
2/22/13 3:20	38.323	38.212	33.475								
2/22/13 3:40	38.321	38.212	33.471								
2/22/13 4:00	38.321	38.209	33.468								
2/22/13 4:20	38.321	38.209	33.468								
2/22/13 4:40	38.342	38.233	33.543								
2/22/13 5:00	38.339	38.228	33.508								
2/22/13 5:20	38.339	38.235	33.501								
2/22/13 5:40	38.339	38.228	33.494								
2/22/13 6:00	38.337	38.228	33.492								
2/22/13 6:20	38.342	38.228	33.492								
2/22/13 6:40	38.346	38.233	33.496								
2/22/13 7:00	38.351	38.240	33.501								
2/22/13 7:20	38.353	38.242	33.503								
2/22/13 7:40	38.351	38.242	33.503								
2/22/13 8:00	38.363	38.249	33.506								
2/22/13 8:20	38.367	38.254	33.515								
2/22/13 8:40	38.370	38.258	33.518								
2/22/13 9:00	38.393	38.286	33.593								
2/22/13 9:20	38.393	38.282	33.557								
2/22/13 9:40	38.398	38.284	33.555								
2/22/13 10:00	38.405	38.294	33.560								
2/22/13 10:20	38.435	38.329	33.647								
2/22/13 10:40	38.430	38.322	33.604								
2/22/13 11:00	38.454	38.345	33.665								
2/22/13 11:20	38.442	38.336	33.616								
2/22/13 11:40	38.479	38.371	33.844								
2/22/13 12:00	38.514	38.408	33.919								
2/22/13 12:20	38.519	38.410	33.933								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/22/13 12:40	38.507	38.403	33.757								
2/22/13 13:00	38.538	38.434	33.923								
2/22/13 13:20	38.549	38.441	34.076								
2/22/13 13:40	38.558	38.448	34.170								
2/22/13 14:00	38.559	38.457	33.947								
2/22/13 14:20	38.559	38.457	33.883								
2/22/13 14:40	38.528	38.427	33.757								
2/22/13 15:00	38.510	38.403	33.712								
2/22/13 15:20	38.510	38.406	33.759								
2/22/13 15:40	38.486	38.385	33.691								
2/22/13 16:00	38.472	38.366	33.663								
2/22/13 16:20	38.491	38.378	33.644								
2/22/13 16:40	38.479	38.375	33.635								
2/22/13 17:00	38.486	38.380	33.747								
2/22/13 17:20	38.491	38.387	33.752								
2/22/13 17:40	38.470	38.366	33.668								
2/22/13 18:00	38.526	38.420	34.106								
2/22/13 18:20	38.561	38.457	34.144								
2/22/13 18:40	38.556	38.459	33.942								
2/22/13 19:00	38.566	38.469	33.996								
2/22/13 19:20	38.551	38.452	33.897								
2/22/13 19:40	38.549	38.452	33.886								
2/22/13 20:00	38.526	38.422	33.776								
2/22/13 20:20	38.510	38.403	33.731								
2/22/13 20:40	38.496	38.392	33.703								
2/22/13 21:00	38.486	38.380	33.684								
2/22/13 21:20	38.496	38.392	33.754								
2/22/13 21:40	38.479	38.378	33.696								
2/22/13 22:00	38.475	38.368	33.675								
2/22/13 22:20	38.465	38.359	33.658								
2/22/13 22:40	38.461	38.352	33.651								
2/22/13 23:00	38.454	38.345	33.639								
2/22/13 23:20	38.444	38.338	33.630								
2/22/13 23:40	38.440	38.331	33.623								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/23/13 0:00	38.437	38.326	33.618								
2/23/13 0:20	38.430	38.326	33.614								
2/23/13 0:40	38.423	38.317	33.604								
2/23/13 1:00	38.416	38.310	33.597								
2/23/13 1:20	38.423	38.317	33.637								
2/23/13 1:40	38.412	38.305	33.604								
2/23/13 2:00	38.405	38.298	33.590								
2/23/13 2:20	38.398	38.291	33.579								
2/23/13 2:40	38.388	38.284	33.567								
2/23/13 3:00	38.384	38.277	33.562								
2/23/13 3:20	38.372	38.265	33.550								
2/23/13 3:40	38.370	38.261	33.543								
2/23/13 4:00	38.363	38.256	33.536								
2/23/13 4:20	38.353	38.247	33.527								
2/23/13 4:40	38.346	38.242	33.518								
2/23/13 5:00	38.337	38.230	33.508								
2/23/13 5:20	38.332	38.226	33.499								
2/23/13 5:40	38.330	38.221	33.494								
2/23/13 6:00	38.325	38.216	33.489								
2/23/13 6:20	38.318	38.212	33.485								
2/23/13 6:40	38.314	38.207	33.475								
2/23/13 7:00	38.311	38.202	33.471								
2/23/13 7:20	38.307	38.198	33.466								
2/23/13 7:40	38.311	38.200	33.464								
2/23/13 8:00	38.316	38.205	33.464								
2/23/13 8:20	38.316	38.205	33.464								
2/23/13 8:40	38.314	38.202	33.466								
2/23/13 9:00	38.311	38.202	33.464								
2/23/13 9:20	38.311	38.202	33.464								
2/23/13 9:40	38.314	38.202	33.461								
2/23/13 10:00	38.314	38.205	33.464								
2/23/13 10:20	38.311	38.202	33.461								
2/23/13 10:40	38.307	38.200	33.457								
2/23/13 11:00	38.309	38.200	33.457								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/23/13 11:20	38.307	38.200	33.457								
2/23/13 11:40	38.328	38.219	33.564								
2/23/13 12:00	38.325	38.216	33.492								
2/23/13 12:20	38.325	38.216	33.475								
2/23/13 12:40	38.323	38.214	33.466								
2/23/13 13:00	38.314	38.209	33.459								
2/23/13 13:20	38.314	38.205	33.492								
2/23/13 13:40	38.325	38.219	33.499								
2/23/13 14:00	38.337	38.230	33.553								
2/23/13 14:20	38.321	38.214	33.489								
2/23/13 14:40	38.309	38.205	33.464								
2/23/13 15:00	38.302	38.195	33.482								
2/23/13 15:20	38.300	38.198	33.478								
2/23/13 15:40	38.290	38.184	33.442								
2/23/13 16:00	38.276	38.170	33.424								
2/23/13 16:20	38.267	38.158	33.410								
2/23/13 16:40	38.260	38.151	33.396								
2/23/13 17:00	38.255	38.146	33.389								
2/23/13 17:20	38.248	38.139	33.381								
2/23/13 17:40	38.248	38.139	33.379								
2/23/13 18:00	38.248	38.139	33.381								
2/23/13 18:20	38.244	38.135	33.374								
2/23/13 18:40	38.244	38.132	33.367								
2/23/13 19:00	38.244	38.132	33.363								
2/23/13 19:20	38.239	38.132	33.358								
2/23/13 19:40	38.244	38.135	33.365								
2/23/13 20:00	38.246	38.135	33.363								
2/23/13 20:20	38.302	38.198	33.564								
2/23/13 20:40	38.314	38.209	33.569								
2/23/13 21:00	38.300	38.195	33.471								
2/23/13 21:20	38.297	38.188	33.445								
2/23/13 21:40	38.330	38.212	33.876								
2/23/13 22:00	38.405	38.296	34.087								
2/23/13 22:20	38.461	38.354	34.240								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/23/13 22:40	38.447	38.350	33.876								
2/23/13 23:00	38.456	38.359	33.869								
2/23/13 23:20	38.447	38.343	33.912								
2/23/13 23:40	38.435	38.329	33.987								
2/24/13 0:00	38.449	38.343	34.048								
2/24/13 0:20	38.421	38.324	33.691								
2/24/13 0:40	38.407	38.305	33.731								
2/24/13 1:00	38.400	38.301	33.675								
2/24/13 1:20	38.379	38.272	33.583								
2/24/13 1:40	38.379	38.277	33.616								
2/24/13 2:00	38.358	38.258	33.553								
2/24/13 2:20	38.344	38.240	33.522								
2/24/13 2:40	38.351	38.242	33.736								
2/24/13 3:00	38.342	38.235	33.534								
2/24/13 3:20	38.330	38.226	33.503								
2/24/13 3:40	38.321	38.214	33.487								
2/24/13 4:00	38.330	38.223	33.576								
2/24/13 4:20	38.316	38.214	33.494								
2/24/13 4:40	38.309	38.202	33.473								
2/24/13 5:00	38.302	38.195	33.459								
2/24/13 5:20	38.297	38.191	33.452								
2/24/13 5:40	38.293	38.186	33.442								
2/24/13 6:00	38.290	38.184	33.440								
2/24/13 6:20	38.290	38.181	33.435								
2/24/13 6:40	38.288	38.179	33.431								
2/24/13 7:00	38.288	38.177	33.428								
2/24/13 7:20	38.290	38.177	33.428								
2/24/13 7:40	38.288	38.177	33.426								
2/24/13 8:00	38.290	38.179	33.424								
2/24/13 8:20	38.302	38.184	33.593								
2/24/13 8:40	38.339	38.228	33.604								
2/24/13 9:00	38.332	38.226	33.494								
2/24/13 9:20	38.332	38.221	33.473								
2/24/13 9:40	38.330	38.219	33.468								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/24/13 10:00	38.330	38.221	33.468								
2/24/13 10:20	38.344	38.235	33.588								
2/24/13 10:40	38.337	38.226	33.492								
2/24/13 11:00	38.342	38.230	33.478								
2/24/13 11:20	38.351	38.240	33.473								
2/24/13 11:40	38.363	38.251	33.471								
2/24/13 12:00	38.358	38.249	33.466								
2/24/13 12:20	38.412	38.294	34.141								
2/24/13 12:40	38.456	38.350	33.731								
2/24/13 13:00	38.521	38.406	33.686								
2/24/13 13:20	38.608	38.492	33.858								
2/24/13 13:40	38.668	38.551	33.761								
2/24/13 14:00	38.729	38.609	33.818								
2/24/13 14:20	38.766	38.649	33.984								
2/24/13 14:40	38.789	38.679	33.811								
2/24/13 15:00	38.808	38.707	33.778								
2/24/13 15:20	38.794	38.696	33.689								
2/24/13 15:40	38.813	38.703	33.768								
2/24/13 16:00	38.827	38.712	33.768								
2/24/13 16:20	38.815	38.705	33.693								
2/24/13 16:40	38.780	38.674	33.820								
2/24/13 17:00	38.701	38.602	33.689								
2/24/13 17:20	38.631	38.537	33.649								
2/24/13 17:40	38.607	38.518	33.719								
2/24/13 18:00	38.577	38.473	33.855								
2/24/13 18:20	38.577	38.476	33.827								
2/24/13 18:40	38.579	38.471	34.148								
2/24/13 19:00	38.551	38.452	33.754								
2/24/13 19:20	38.535	38.434	33.778								
2/24/13 19:40	38.556	38.450	34.045								
2/24/13 20:00	38.570	38.462	34.019								
2/24/13 20:20	38.558	38.450	34.022								
2/24/13 20:40	38.535	38.436	33.752								
2/24/13 21:00	38.514	38.410	33.700								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/24/13 21:20	38.505	38.399	33.682								
2/24/13 21:40	38.530	38.464	33.724								
2/24/13 22:00	38.614	38.523	33.686								
2/24/13 22:20	38.708	38.698	33.668								
2/24/13 22:40	38.612	38.546	33.661								
2/24/13 23:00	38.738	38.728	33.654								
2/24/13 23:20	38.733	38.810	33.839								
2/24/13 23:40	38.792	38.843	33.698								
2/25/13 0:00	38.836	38.770	33.686								
2/25/13 0:20	38.750	38.791	33.679								
2/25/13 0:40	38.780	38.742	33.677								
2/25/13 1:00	38.745	38.742	33.677								
2/25/13 1:20	38.820	38.861	33.670								
2/25/13 1:40	38.892	38.964	33.663								
2/25/13 2:00	38.969	39.102	33.663								
2/25/13 2:20	39.025	39.142	33.663								
2/25/13 2:40	39.090	39.231	33.677								
2/25/13 3:00	39.125	39.296	33.689								
2/25/13 3:20	39.104	39.296	33.696								
2/25/13 3:40	39.170	39.348	33.759								
2/25/13 4:00	39.218	39.387	33.729								
2/25/13 4:20	39.181	39.334	33.729								
2/25/13 4:40	39.111	39.205	33.736								
2/25/13 5:00	39.109	39.247	33.731								
2/25/13 5:20	39.151	39.228	33.726								
2/25/13 5:40	39.123	39.189	33.722								
2/25/13 6:00	39.085	39.214	33.722								
2/25/13 6:20	39.146	39.275	33.717								
2/25/13 6:40	39.176	39.338	33.717								
2/25/13 7:00	39.200	39.385	33.722								
2/25/13 7:20	39.191	39.350	33.731								
2/25/13 7:40	39.195	39.317	33.736								
2/25/13 8:00	39.212	39.371	33.738								
2/25/13 8:20	39.216	39.341	33.745								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/25/13 8:40	39.146	39.291	33.747								
2/25/13 9:00	39.191	39.352	33.754								
2/25/13 9:20	39.186	39.287	33.757								
2/25/13 9:40	39.134	39.256	33.764								
2/25/13 10:00	39.230	39.341	33.771								
2/25/13 10:20	38.747	38.667	33.768								
2/25/13 10:40	38.663	38.574	33.747								
2/25/13 11:00	38.612	38.518	33.726								
2/25/13 11:20	38.570	38.476	33.703								
2/25/13 11:40	38.556	38.452	33.900								
2/25/13 12:00	38.528	38.431	33.703								
2/25/13 12:20	38.505	38.406	33.665								
2/25/13 12:40	38.486	38.385	33.642								
2/25/13 13:00	38.475	38.371	33.630								
2/25/13 13:20	38.461	38.359	33.621								
2/25/13 13:40	38.447	38.338	33.607								
2/25/13 14:00	38.454	38.352	33.715								
2/25/13 14:20	38.442	38.338	33.632								
2/25/13 14:40	38.447	38.345	33.844								
2/25/13 15:00	38.426	38.324	33.637								
2/25/13 15:20	38.421	38.322	33.649								
2/25/13 15:40	38.402	38.301	33.595								
2/25/13 16:00	38.386	38.284	33.571								
2/25/13 16:20	38.377	38.272	33.555								
2/25/13 16:40	38.367	38.261	33.541								
2/25/13 17:00	38.358	38.251	33.532								
2/25/13 17:20	38.351	38.244	33.525								
2/25/13 17:40	38.365	38.256	33.708								
2/25/13 18:00	38.386	38.282	33.722								
2/25/13 18:20	38.409	38.315	33.754								
2/25/13 18:40	38.407	38.308	33.712								
2/25/13 19:00	38.395	38.296	33.670								
2/25/13 19:20	38.456	38.347	34.322								
2/25/13 19:40	38.493	38.403	34.062								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/25/13 20:00	38.479	38.378	34.184								
2/25/13 20:20	38.468	38.375	33.841								
2/25/13 20:40	38.454	38.364	33.886								
2/25/13 21:00	38.442	38.345	33.799								
2/25/13 21:20	38.414	38.317	33.672								
2/25/13 21:40	38.398	38.294	33.625								
2/25/13 22:00	38.386	38.279	33.600								
2/25/13 22:20	38.405	38.296	33.916								
2/25/13 22:40	38.398	38.296	33.647								
2/25/13 23:00	38.395	38.284	33.752								
2/25/13 23:20	38.426	38.322	33.900								
2/25/13 23:40	38.416	38.319	33.708								
2/26/13 0:00	38.400	38.296	33.637								
2/26/13 0:20	38.395	38.291	33.717								
2/26/13 0:40	38.398	38.301	33.644								
2/26/13 1:00	38.381	38.282	33.595								
2/26/13 1:20	38.370	38.265	33.567								
2/26/13 1:40	38.353	38.254	33.548								
2/26/13 2:00	38.363	38.256	33.689								
2/26/13 2:20	38.351	38.249	33.555								
2/26/13 2:40	38.360	38.258	33.621								
2/26/13 3:00	38.346	38.237	33.550								
2/26/13 3:20	38.337	38.230	33.529								
2/26/13 3:40	38.325	38.223	33.513								
2/26/13 4:00	38.311	38.212	33.494								
2/26/13 4:20	38.302	38.198	33.475								
2/26/13 4:40	38.314	38.205	33.576								
2/26/13 5:00	38.302	38.198	33.494								
2/26/13 5:20	38.293	38.186	33.475								
2/26/13 5:40	38.283	38.179	33.459								
2/26/13 6:00	38.276	38.170	33.445								
2/26/13 6:20	38.269	38.163	33.438								
2/26/13 6:40	38.267	38.158	33.433								
2/26/13 7:00	38.265	38.156	33.424								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/26/13 7:20	38.267	38.158	33.424								
2/26/13 7:40	38.272	38.163	33.426								
2/26/13 8:00	38.269	38.163	33.424								
2/26/13 8:20	38.272	38.165	33.426								
2/26/13 8:40	38.288	38.172	33.675								
2/26/13 9:00	38.290	38.181	33.473								
2/26/13 9:20	38.307	38.198	33.543								
2/26/13 9:40	38.307	38.198	33.485								
2/26/13 10:00	38.304	38.198	33.473								
2/26/13 10:20	38.302	38.193	33.466								
2/26/13 10:40	38.314	38.212	33.550								
2/26/13 11:00	38.302	38.198	33.480								
2/26/13 11:20	38.325	38.214	33.541								
2/26/13 11:40	38.346	38.240	33.583								
2/26/13 12:00	38.337	38.226	33.525								
2/26/13 12:20	38.349	38.235	33.684								
2/26/13 12:40	38.337	38.235	33.532								
2/26/13 13:00	38.335	38.226	33.501								
2/26/13 13:20	38.330	38.219	33.489								
2/26/13 13:40	38.363	38.256	33.712								
2/26/13 14:00	38.379	38.272	33.841								
2/26/13 14:20	38.395	38.286	33.832								
2/26/13 14:40	38.402	38.301	33.799								
2/26/13 15:00	38.395	38.296	33.700								
2/26/13 15:20	38.398	38.298	33.768								
2/26/13 15:40	38.398	38.294	33.787								
2/26/13 16:00	38.395	38.294	33.766								
2/26/13 16:20	38.386	38.286	33.672								
2/26/13 16:40	38.386	38.284	33.668								
2/26/13 17:00	38.381	38.275	33.844								
2/26/13 17:20	38.395	38.296	33.712								
2/26/13 17:40	38.428	38.326	33.855								
2/26/13 18:00	38.440	38.340	33.930								
2/26/13 18:20	38.409	38.310	33.684								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/26/13 18:40	38.428	38.315	33.879								
2/26/13 19:00	38.486	38.380	34.073								
2/26/13 19:20	38.479	38.380	33.832								
2/26/13 19:40	38.470	38.371	33.787								
2/26/13 20:00	38.449	38.345	33.689								
2/26/13 20:20	38.454	38.352	33.738								
2/26/13 20:40	38.433	38.331	33.658								
2/26/13 21:00	38.428	38.319	33.632								
2/26/13 21:20	38.423	38.315	33.621								
2/26/13 21:40	38.416	38.310	33.609								
2/26/13 22:00	38.412	38.305	33.602								
2/26/13 22:20	38.414	38.303	33.597								
2/26/13 22:40	38.414	38.308	33.597								
2/26/13 23:00	38.412	38.305	33.593								
2/26/13 23:20	38.428	38.324	33.670								
2/26/13 23:40	38.423	38.315	33.621								
2/27/13 0:00	38.419	38.312	33.607								
2/27/13 0:20	38.419	38.308	33.595								
2/27/13 0:40	38.414	38.308	33.593								
2/27/13 1:00	38.409	38.301	33.588								
2/27/13 1:20	38.421	38.308	33.813								
2/27/13 1:40	38.421	38.312	33.623								
2/27/13 2:00	38.414	38.308	33.597								
2/27/13 2:20	38.405	38.301	33.588								
2/27/13 2:40	38.400	38.291	33.579								
2/27/13 3:00	38.402	38.294	33.579								
2/27/13 3:20	38.400	38.289	33.576								
2/27/13 3:40	38.405	38.294	33.579								
2/27/13 4:00	38.398	38.289	33.574								
2/27/13 4:20	38.412	38.303	33.628								
2/27/13 4:40	38.405	38.298	33.597								
2/27/13 5:00	38.402	38.296	33.588								
2/27/13 5:20	38.400	38.291	33.579								
2/27/13 5:40	38.395	38.286	33.576								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/27/13 6:00	38.395	38.289	33.576								
2/27/13 6:20	38.398	38.286	33.576								
2/27/13 6:40	38.400	38.289	33.576								
2/27/13 7:00	38.402	38.291	33.579								
2/27/13 7:20	38.407	38.294	33.579								
2/27/13 7:40	38.414	38.301	33.583								
2/27/13 8:00	38.414	38.305	33.583								
2/27/13 8:20	38.419	38.305	33.586								
2/27/13 8:40	38.421	38.308	33.593								
2/27/13 9:00	38.426	38.312	33.600								
2/27/13 9:20	38.435	38.322	33.609								
2/27/13 9:40	38.442	38.331	33.616								
2/27/13 10:00	38.442	38.333	33.621								
2/27/13 10:20	38.451	38.338	33.628								
2/27/13 10:40	38.456	38.345	33.635								
2/27/13 11:00	38.463	38.352	33.642								
2/27/13 11:20	38.470	38.357	33.644								
2/27/13 11:40	38.496	38.385	33.745								
2/27/13 12:00	38.521	38.406	34.024								
2/27/13 12:20	38.521	38.410	33.764								
2/27/13 12:40	38.530	38.415	33.994								
2/27/13 13:00	38.533	38.424	33.797								
2/27/13 13:20	38.537	38.431	33.783								
2/27/13 13:40	38.538	38.427	33.977								
2/27/13 14:00	38.537	38.429	33.771								
2/27/13 14:20	38.530	38.420	33.740								
2/27/13 14:40	38.524	38.415	33.724								
2/27/13 15:00	38.519	38.410	33.715								
2/27/13 15:20	38.530	38.422	33.764								
2/27/13 15:40	38.523	38.415	33.729								
2/27/13 16:00	38.519	38.408	33.717								
2/27/13 16:20	38.519	38.408	33.708								
2/27/13 16:40	38.526	38.410	33.947								
2/27/13 17:00	38.526	38.420	33.757								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/27/13 17:20	38.517	38.410	33.726								
2/27/13 17:40	38.524	38.408	33.991								
2/27/13 18:00	38.528	38.420	33.761								
2/27/13 18:20	38.516	38.410	33.733								
2/27/13 18:40	38.512	38.403	33.719								
2/27/13 19:00	38.512	38.401	33.715								
2/27/13 19:20	38.514	38.401	33.733								
2/27/13 19:40	38.521	38.415	33.757								
2/27/13 20:00	38.519	38.410	33.733								
2/27/13 20:20	38.517	38.406	33.724								
2/27/13 20:40	38.516	38.408	33.717								
2/27/13 21:00	38.514	38.406	33.712								
2/27/13 21:20	38.545	38.431	34.034								
2/27/13 21:40	38.561	38.455	33.890								
2/27/13 22:00	38.577	38.471	34.027								
2/27/13 22:20	38.624	38.509	34.470								
2/27/13 22:40	38.636	38.537	34.120								
2/27/13 23:00	38.652	38.548	34.320								
2/27/13 23:20	38.624	38.520	33.949								
2/27/13 23:40	38.652	38.553	34.156								
2/28/13 0:00	38.643	38.541	34.038								
2/28/13 0:20	38.612	38.509	33.907								
2/28/13 0:40	38.612	38.509	33.914								
2/28/13 1:00	38.612	38.506	34.027								
2/28/13 1:20	38.591	38.490	33.867								
2/28/13 1:40	38.575	38.471	33.827								
2/28/13 2:00	38.565	38.459	33.808								
2/28/13 2:20	38.577	38.469	34.041								
2/28/13 2:40	38.568	38.464	33.829								
2/28/13 3:00	38.565	38.452	33.980								
2/28/13 3:20	38.563	38.459	33.832								
2/28/13 3:40	38.552	38.448	33.797								
2/28/13 4:00	38.547	38.441	33.783								
2/28/13 4:20	38.558	38.457	33.848								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/28/13 4:40	38.542	38.438	33.794								
2/28/13 5:00	38.535	38.427	33.773								
2/28/13 5:20	38.528	38.422	33.761								
2/28/13 5:40	38.526	38.420	33.754								
2/28/13 6:00	38.524	38.413	33.750								
2/28/13 6:20	38.519	38.410	33.745								
2/28/13 6:40	38.514	38.408	33.743								
2/28/13 7:00	38.516	38.408	33.738								
2/28/13 7:20	38.516	38.408	33.738								
2/28/13 7:40	38.521	38.413	33.738								
2/28/13 8:00	38.521	38.410	33.738								
2/28/13 8:20	38.516	38.408	33.736								
2/28/13 8:40	38.521	38.410	33.736								
2/28/13 9:00	38.521	38.410	33.736								
2/28/13 9:20	38.545	38.438	33.853								
2/28/13 9:40	38.535	38.429	33.780								
2/28/13 10:00	38.554	38.448	33.851								
2/28/13 10:20	38.549	38.441	33.792								
2/28/13 10:40	38.545	38.438	33.778								
2/28/13 11:00	38.561	38.457	33.846								
2/28/13 11:20	38.554	38.445	33.799								
2/28/13 11:40	38.577	38.466	33.886								
2/28/13 12:00	38.566	38.459	33.815								
2/28/13 12:20	38.579	38.476	33.860								
2/28/13 12:40	38.568	38.464	33.815								
2/28/13 13:00	38.568	38.462	33.799								
2/28/13 13:20	38.561	38.457	33.790								
2/28/13 13:40	38.575	38.469	33.928								
2/28/13 14:00	38.565	38.464	33.808								
2/28/13 14:20	38.593	38.480	34.144								
2/28/13 14:40	38.573	38.471	33.848								
2/28/13 15:00	38.642	38.534	34.378								
2/28/13 15:20	38.694	38.593	34.585								
2/28/13 15:40	38.668	38.574	34.202								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/28/13 16:00	38.654	38.560	34.062								
2/28/13 16:20	38.649	38.548	34.029								
2/28/13 16:40	38.677	38.576	34.378								
2/28/13 17:00	38.682	38.593	34.163								
2/28/13 17:20	38.659	38.565	34.113								
2/28/13 17:40	38.656	38.560	34.111								
2/28/13 18:00	38.657	38.553	34.221								
2/28/13 18:20	38.642	38.544	34.034								
2/28/13 18:40	38.666	38.565	34.141								
2/28/13 19:00	38.684	38.586	34.355								
2/28/13 19:20	38.652	38.555	34.043								
2/28/13 19:40	38.652	38.551	34.134								
2/28/13 20:00	38.640	38.544	34.029								
2/28/13 20:20	38.614	38.511	33.935								
2/28/13 20:40	38.600	38.497	33.895								
2/28/13 21:00	38.600	38.499	33.935								
2/28/13 21:20	38.584	38.480	33.876								
2/28/13 21:40	38.570	38.466	33.846								
2/28/13 22:00	38.563	38.457	33.827								
2/28/13 22:20	38.556	38.450	33.818								
2/28/13 22:40	38.549	38.443	33.808								
2/28/13 23:00	38.547	38.438	33.801								
2/28/13 23:20	38.561	38.455	33.951								
2/28/13 23:40	38.551	38.445	33.822								
3/1/13 0:00	38.540	38.436	33.797								
3/1/13 0:20	38.552	38.445	33.947								
3/1/13 0:40	38.547	38.438	33.815								
3/1/13 1:00	38.558	38.452	33.944								
3/1/13 1:20	38.556	38.445	34.017								
3/1/13 1:40	38.556	38.452	33.851								
3/1/13 2:00	38.545	38.438	33.813								
3/1/13 2:20	38.542	38.436	33.794								
3/1/13 2:40	38.537	38.429	33.785								
3/1/13 3:00	38.531	38.424	33.778								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/1/13 3:20	38.526	38.420	33.771								
3/1/13 3:40	38.523	38.417	33.764								
3/1/13 4:00	38.521	38.415	33.759								
3/1/13 4:20	38.533	38.427	33.829								
3/1/13 4:40	38.521	38.417	33.778								
3/1/13 5:00	38.514	38.408	33.759								
3/1/13 5:20	38.512	38.406	33.750								
3/1/13 5:40	38.510	38.401	33.745								
3/1/13 6:00	38.505	38.399	33.740								
3/1/13 6:20	38.503	38.396	33.736								
3/1/13 6:40	38.500	38.392	33.733								
3/1/13 7:00	38.505	38.396	33.731								
3/1/13 7:20	38.503	38.394	33.733								
3/1/13 7:40	38.505	38.394	33.733								
3/1/13 8:00	38.505	38.396	33.733								
3/1/13 8:20	38.507	38.399	33.736								
3/1/13 8:40	38.510	38.401	33.738								
3/1/13 9:00	38.516	38.406	33.740								
3/1/13 9:20	38.517	38.408	33.745								
3/1/13 9:40	38.524	38.413	33.747								
3/1/13 10:00	38.528	38.420	33.750								
3/1/13 10:20	38.540	38.429	33.752								
3/1/13 10:40	38.540	38.429	33.754								
3/1/13 11:00	38.540	38.431	33.757								
3/1/13 11:20	38.542	38.434	33.759								
3/1/13 11:40	38.542	38.434	33.759								
3/1/13 12:00	38.542	38.431	33.761								
3/1/13 12:20	38.544	38.436	33.761								
3/1/13 12:40	38.544	38.436	33.759								
3/1/13 13:00	38.551	38.441	33.764								
3/1/13 13:20	38.552	38.443	33.764								
3/1/13 13:40	38.556	38.448	33.761								
3/1/13 14:00	38.575	38.466	33.895								
3/1/13 14:20	38.566	38.459	33.790								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/1/13 14:40	38.563	38.457	33.773								
3/1/13 15:00	38.556	38.448	33.761								
3/1/13 15:20	38.549	38.443	33.754								
3/1/13 15:40	38.542	38.436	33.750								
3/1/13 16:00	38.540	38.431	33.745								
3/1/13 16:20	38.538	38.429	33.745								
3/1/13 16:40	38.558	38.450	33.923								
3/1/13 17:00	38.582	38.473	34.116								
3/1/13 17:20	38.645	38.537	34.463								
3/1/13 17:40	38.675	38.569	34.367								
3/1/13 18:00	38.731	38.630	34.704								
3/1/13 18:20	38.764	38.670	34.730								
3/1/13 18:40	38.750	38.653	34.491								
3/1/13 19:00	38.705	38.609	34.102								
3/1/13 19:20	38.733	38.637	34.392								
3/1/13 19:40	38.729	38.630	34.385								
3/1/13 20:00	38.724	38.628	34.320								
3/1/13 20:20	38.696	38.595	34.193								
3/1/13 20:40	38.680	38.579	34.043								
3/1/13 21:00	38.656	38.553	33.973								
3/1/13 21:20	38.640	38.537	33.933								
3/1/13 21:40	38.645	38.544	33.966								
3/1/13 22:00	38.654	38.551	33.991								
3/1/13 22:20	38.640	38.534	33.930								
3/1/13 22:40	38.645	38.544	34.001								
3/1/13 23:00	38.649	38.546	34.017								
3/1/13 23:20	38.631	38.527	33.930								
3/1/13 23:40	38.619	38.516	33.897								
3/2/13 0:00	38.629	38.523	33.977								
3/2/13 0:20	38.612	38.506	33.897								
3/2/13 0:40	38.607	38.499	33.874								
3/2/13 1:00	38.605	38.497	33.867								
3/2/13 1:20	38.619	38.516	33.970								
3/2/13 1:40	38.603	38.499	33.888								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/2/13 2:00	38.600	38.492	33.865								
3/2/13 2:20	38.593	38.487	33.855								
3/2/13 2:40	38.603	38.499	33.912								
3/2/13 3:00	38.593	38.487	33.867								
3/2/13 3:20	38.591	38.485	33.851								
3/2/13 3:40	38.598	38.487	34.043								
3/2/13 4:00	38.589	38.483	33.869								
3/2/13 4:20	38.580	38.473	33.841								
3/2/13 4:40	38.573	38.466	33.829								
3/2/13 5:00	38.563	38.459	33.815								
3/2/13 5:20	38.563	38.455	33.811								
3/2/13 5:40	38.556	38.452	33.806								
3/2/13 6:00	38.554	38.448	33.801								
3/2/13 6:20	38.549	38.443	33.794								
3/2/13 6:40	38.547	38.436	33.787								
3/2/13 7:00	38.540	38.431	33.785								
3/2/13 7:20	38.533	38.424	33.776								
3/2/13 7:40	38.528	38.422	33.766								
3/2/13 8:00	38.530	38.424	33.766								
3/2/13 8:20	38.526	38.417	33.761								
3/2/13 8:40	38.523	38.415	33.759								
3/2/13 9:00	38.516	38.408	33.750								
3/2/13 9:20	38.514	38.408	33.750								
3/2/13 9:40	38.517	38.406	33.745								
3/2/13 10:00	38.512	38.403	33.740								
3/2/13 10:20	38.507	38.399	33.738								
3/2/13 10:40	38.521	38.410	33.733								
3/2/13 11:00	38.530	38.422	33.733								
3/2/13 11:20	38.523	38.415	33.736								
3/2/13 11:40	38.521	38.413	33.736								
3/2/13 12:00	38.514	38.406	33.729								
3/2/13 12:20	38.545	38.434	34.052								
3/2/13 12:40	38.575	38.464	34.184								
3/2/13 13:00	38.612	38.509	34.367								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/2/13 13:20	38.668	38.569	34.540								
3/2/13 13:40	38.675	38.581	34.357								
3/2/13 14:00	38.668	38.572	34.270								
3/2/13 14:20	38.654	38.560	34.137								
3/2/13 14:40	38.610	38.511	33.949								
3/2/13 15:00	38.610	38.511	34.085								
3/2/13 15:20	38.572	38.473	33.886								
3/2/13 15:40	38.542	38.441	33.820								
3/2/13 16:00	38.523	38.420	33.783								
3/2/13 16:20	38.503	38.399	33.750								
3/2/13 16:40	38.486	38.382	33.729								
3/2/13 17:00	38.470	38.366	33.710								
3/2/13 17:20	38.458	38.352	33.691								
3/2/13 17:40	38.447	38.343	33.677								
3/2/13 18:00	38.435	38.329	33.665								
3/2/13 18:20	38.482	38.371	34.273								
3/2/13 18:40	38.512	38.408	34.141								
3/2/13 19:00	38.530	38.429	34.212								
3/2/13 19:20	38.542	38.438	34.263								
3/2/13 19:40	38.533	38.434	34.019								
3/2/13 20:00	38.524	38.424	33.935								
3/2/13 20:20	38.510	38.410	33.923								
3/2/13 20:40	38.498	38.399	33.839								
3/2/13 21:00	38.472	38.371	33.757								
3/2/13 21:20	38.447	38.345	33.710								
3/2/13 21:40	38.430	38.326	33.679								
3/2/13 22:00	38.419	38.312	33.656								
3/2/13 22:20	38.405	38.301	33.635								
3/2/13 22:40	38.398	38.291	33.623								
3/2/13 23:00	38.388	38.284	33.611								
3/2/13 23:20	38.381	38.275	33.602								
3/2/13 23:40	38.374	38.268	33.593								
3/3/13 0:00	38.372	38.263	33.586								
3/3/13 0:20	38.363	38.254	33.571								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/3/13 0:40	38.353	38.247	33.564								
3/3/13 1:00	38.384	38.277	33.820								
3/3/13 1:20	38.374	38.268	33.635								
3/3/13 1:40	38.377	38.272	33.642								
3/3/13 2:00	38.360	38.256	33.590								
3/3/13 2:20	38.349	38.242	33.564								
3/3/13 2:40	38.342	38.235	33.548								
3/3/13 3:00	38.335	38.228	33.536								
3/3/13 3:20	38.323	38.216	33.520								
3/3/13 3:40	38.311	38.205	33.506								
3/3/13 4:00	38.302	38.195	33.492								
3/3/13 4:20	38.290	38.184	33.473								
3/3/13 4:40	38.281	38.172	33.459								
3/3/13 5:00	38.269	38.160	33.447								
3/3/13 5:20	38.262	38.153	33.435								
3/3/13 5:40	38.258	38.151	33.428								
3/3/13 6:00	38.248	38.139	33.419								
3/3/13 6:20	38.239	38.130	33.407								
3/3/13 6:40	38.232	38.123	33.398								
3/3/13 7:00	38.230	38.123	33.396								
3/3/13 7:20	38.223	38.114	33.386								
3/3/13 7:40	38.218	38.109	33.379								
3/3/13 8:00	38.216	38.107	33.372								
3/3/13 8:20	38.213	38.104	33.370								
3/3/13 8:40	38.211	38.100	33.367								
3/3/13 9:00	38.209	38.097	33.363								
3/3/13 9:20	38.211	38.100	33.360								
3/3/13 9:40	38.211	38.102	33.356								
3/3/13 10:00	38.232	38.125	33.438								
3/3/13 10:20	38.223	38.116	33.384								
3/3/13 10:40	38.213	38.107	33.363								
3/3/13 11:00	38.211	38.102	33.351								
3/3/13 11:20	38.206	38.097	33.342								
3/3/13 11:40	38.202	38.095	33.337								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/3/13 12:00	38.197	38.088	33.328								
3/3/13 12:20	38.190	38.083	33.323								
3/3/13 12:40	38.185	38.078	33.318								
3/3/13 13:00	38.199	38.090	33.370								
3/3/13 13:20	38.188	38.078	33.330								
3/3/13 13:40	38.197	38.086	33.560								
3/3/13 14:00	38.190	38.083	33.344								
3/3/13 14:20	38.176	38.069	33.309								
3/3/13 14:40	38.183	38.076	33.450								
3/3/13 15:00	38.167	38.060	33.306								
3/3/13 15:20	38.153	38.043	33.276								
3/3/13 15:40	38.167	38.060	33.384								
3/3/13 16:00	38.150	38.043	33.285								
3/3/13 16:20	38.141	38.032	33.260								
3/3/13 16:40	38.136	38.027	33.262								
3/3/13 17:00	38.206	38.107	33.649								
3/3/13 17:20	38.176	38.071	33.372								
3/3/13 17:40	38.164	38.055	33.311								
3/3/13 18:00	38.160	38.050	33.278								
3/3/13 18:20	38.146	38.039	33.262								
3/3/13 18:40	38.190	38.083	33.478								
3/3/13 19:00	38.244	38.139	33.696								
3/3/13 19:20	38.262	38.163	33.719								
3/3/13 19:40	38.304	38.207	34.043								
3/3/13 20:00	38.290	38.188	33.855								
3/3/13 20:20	38.283	38.184	33.590								
3/3/13 20:40	38.269	38.165	33.686								
3/3/13 21:00	38.237	38.135	33.435								
3/3/13 21:20	38.239	38.139	33.492								
3/3/13 21:40	38.248	38.149	33.604								
3/3/13 22:00	38.213	38.109	33.410								
3/3/13 22:20	38.204	38.100	33.567								
3/3/13 22:40	38.185	38.081	33.356								
3/3/13 23:00	38.185	38.081	33.381								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/3/13 23:20	38.183	38.083	33.403								
3/3/13 23:40	38.188	38.081	33.464								
3/4/13 0:00	38.167	38.064	33.337								
3/4/13 0:20	38.153	38.046	33.297								
3/4/13 0:40	38.141	38.034	33.274								
3/4/13 1:00	38.132	38.025	33.257								
3/4/13 1:20	38.122	38.018	33.243								
3/4/13 1:40	38.111	38.004	33.229								
3/4/13 2:00	38.111	38.004	33.222								
3/4/13 2:20	38.127	38.022	33.285								
3/4/13 2:40	38.123	38.013	33.245								
3/4/13 3:00	38.113	38.006	33.229								
3/4/13 3:20	38.113	38.004	33.222								
3/4/13 3:40	38.111	38.001	33.220								
3/4/13 4:00	38.111	38.001	33.217								
3/4/13 4:20	38.109	37.999	33.210								
3/4/13 4:40	38.104	37.994	33.203								
3/4/13 5:00	38.104	37.992	33.203								
3/4/13 5:20	38.104	37.994	33.201								
3/4/13 5:40	38.102	37.990	33.196								
3/4/13 6:00	38.108	37.997	33.199								
3/4/13 6:20	38.111	37.999	33.201								
3/4/13 6:40	38.108	38.001	33.203								
3/4/13 7:00	38.113	38.001	33.203								
3/4/13 7:20	38.113	38.001	33.203								
3/4/13 7:40	38.118	38.008	33.203								
3/4/13 8:00	38.125	38.013	33.208								
3/4/13 8:20	38.130	38.018	33.215								
3/4/13 8:40	38.134	38.022	33.222								
3/4/13 9:00	38.146	38.034	33.231								
3/4/13 9:20	38.174	38.062	33.325								
3/4/13 9:40	38.176	38.067	33.288								
3/4/13 10:00	38.183	38.074	33.288								
3/4/13 10:20	38.188	38.078	33.288								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/4/13 10:40	38.195	38.083	33.292								
3/4/13 11:00	38.202	38.090	33.299								
3/4/13 11:20	38.206	38.095	33.302								
3/4/13 11:40	38.234	38.125	33.417								
3/4/13 12:00	38.234	38.123	33.353								
3/4/13 12:20	38.234	38.125	33.339								
3/4/13 12:40	38.239	38.128	33.337								
3/4/13 13:00	38.241	38.130	33.337								
3/4/13 13:20	38.260	38.149	33.438								
3/4/13 13:40	38.258	38.146	33.407								
3/4/13 14:00	38.267	38.158	33.412								
3/4/13 14:20	38.521	38.504	33.600								
3/4/13 14:40	38.575	38.597	33.414								
3/4/13 15:00	38.673	38.693	33.616								
3/4/13 15:20	38.715	38.728	33.440								
3/4/13 15:40	38.754	38.850	33.489								
3/4/13 16:00	38.745	38.845	33.457								
3/4/13 16:20	38.696	38.742	33.459								
3/4/13 16:40	38.754	38.829	33.471								
3/4/13 17:00	38.787	38.817	33.489								
3/4/13 17:20	38.801	38.929	33.501								
3/4/13 17:40	38.673	38.759	33.513								
3/4/13 18:00	38.584	38.530	33.623								
3/4/13 18:20	38.589	38.527	33.733								
3/4/13 18:40	38.523	38.427	33.623								
3/4/13 19:00	38.570	38.469	34.048								
3/4/13 19:20	39.002	39.076	34.470								
3/4/13 19:40	39.158	39.291	34.198								
3/4/13 20:00	39.170	39.296	34.080								
3/4/13 20:20	39.104	39.154	33.909								
3/4/13 20:40	38.925	38.943	33.912								
3/4/13 21:00	38.915	38.995	34.073								
3/4/13 21:20	38.782	38.695	34.240								
3/4/13 21:40	38.764	38.686	34.048								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/4/13 22:00	38.701	38.604	33.937								
3/4/13 22:20	38.682	38.581	33.919								
3/4/13 22:40	38.666	38.567	33.907								
3/4/13 23:00	38.633	38.532	33.844								
3/4/13 23:20	38.621	38.513	33.804								
3/4/13 23:40	38.920	38.978	33.783								
3/5/13 0:00	39.053	39.100	33.853								
3/5/13 0:20	39.151	39.273	33.827								
3/5/13 0:40	39.207	39.390	33.829								
3/5/13 1:00	39.239	39.378	33.839								
3/5/13 1:20	39.239	39.359	33.853								
3/5/13 1:40	39.134	39.214	33.855								
3/5/13 2:00	39.167	39.249	33.872								
3/5/13 2:20	39.200	39.289	33.879								
3/5/13 2:40	38.985	38.999	33.883								
3/5/13 3:00	39.125	39.249	33.886								
3/5/13 3:20	39.132	39.207	33.888								
3/5/13 3:40	39.132	39.193	33.888								
3/5/13 4:00	39.230	39.345	33.895								
3/5/13 4:20	39.221	39.303	33.902								
3/5/13 4:40	39.134	39.210	33.905								
3/5/13 5:00	38.925	38.889	33.902								
3/5/13 5:20	38.782	38.681	33.895								
3/5/13 5:40	38.740	38.639	33.886								
3/5/13 6:00	38.708	38.607	33.872								
3/5/13 6:20	38.691	38.586	33.862								
3/5/13 6:40	38.675	38.572	33.855								
3/5/13 7:00	38.664	38.558	33.851								
3/5/13 7:20	38.656	38.551	33.851								
3/5/13 7:40	38.652	38.546	33.851								
3/5/13 8:00	38.706	38.688	33.846								
3/5/13 8:20	38.778	38.819	33.846								
3/5/13 8:40	39.020	39.025	33.853								
3/5/13 9:00	39.193	39.336	33.867								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/5/13 9:20	39.226	39.352	33.890								
3/5/13 9:40	38.806	38.714	33.902								
3/5/13 10:00	38.754	38.653	33.905								
3/5/13 10:20	38.731	38.625	33.905								
3/5/13 10:40	38.710	38.609	33.897								
3/5/13 11:00	38.696	38.593	33.893								
3/5/13 11:20	38.684	38.579	33.883								
3/5/13 11:40	38.673	38.569	33.879								
3/5/13 12:00	38.666	38.565	33.872								
3/5/13 12:20	38.677	38.572	34.045								
3/5/13 12:40	38.673	38.569	33.909								
3/5/13 13:00	38.696	38.588	34.057								
3/5/13 13:20	38.747	38.646	34.184								
3/5/13 13:40	38.773	38.672	34.528								
3/5/13 14:00	38.782	38.686	34.491								
3/5/13 14:20	38.780	38.677	34.263								
3/5/13 14:40	38.754	38.653	34.120								
3/5/13 15:00	38.743	38.642	34.090								
3/5/13 15:20	38.712	38.611	34.008								
3/5/13 15:40	38.701	38.590	34.008								
3/5/13 16:00	38.696	38.595	34.005								
3/5/13 16:20	38.682	38.579	33.956								
3/5/13 16:40	38.694	38.593	34.019								
3/5/13 17:00	38.726	38.623	34.247								
3/5/13 17:20	38.738	38.637	34.216								
3/5/13 17:40	38.738	38.642	34.181								
3/5/13 18:00	38.750	38.646	34.357								
3/5/13 18:20	38.745	38.644	34.113								
3/5/13 18:40	38.768	38.667	34.313								
3/5/13 19:00	38.780	38.679	34.259								
3/5/13 19:20	38.768	38.670	34.165								
3/5/13 19:40	38.757	38.656	34.219								
3/5/13 20:00	38.745	38.646	34.184								
3/5/13 20:20	38.731	38.628	34.036								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/5/13 20:40	38.715	38.614	33.991								
3/5/13 21:00	38.708	38.602	33.970								
3/5/13 21:20	38.701	38.595	33.954								
3/5/13 21:40	38.691	38.586	33.942								
3/5/13 22:00	38.682	38.576	33.935								
3/5/13 22:20	38.671	38.565	33.926								
3/5/13 22:40	38.666	38.558	33.958								
3/5/13 23:00	38.670	38.565	33.968								
3/5/13 23:20	38.661	38.555	33.933								
3/5/13 23:40	38.654	38.551	33.919								
3/6/13 0:00	38.647	38.541	33.909								
3/6/13 0:20	38.638	38.532	33.900								
3/6/13 0:40	38.635	38.530	33.897								
3/6/13 1:00	38.633	38.525	33.893								
3/6/13 1:20	38.633	38.525	33.893								
3/6/13 1:40	38.628	38.523	33.888								
3/6/13 2:00	38.621	38.513	33.881								
3/6/13 2:20	38.621	38.516	33.879								
3/6/13 2:40	38.624	38.513	33.879								
3/6/13 3:00	38.624	38.518	33.881								
3/6/13 3:20	38.619	38.513	33.876								
3/6/13 3:40	38.615	38.504	33.869								
3/6/13 4:00	38.610	38.502	33.865								
3/6/13 4:20	38.598	38.492	33.855								
3/6/13 4:40	38.598	38.490	33.848								
3/6/13 5:00	38.600	38.492	33.848								
3/6/13 5:20	38.596	38.487	33.844								
3/6/13 5:40	38.591	38.483	33.839								
3/6/13 6:00	38.589	38.483	33.839								
3/6/13 6:20	38.586	38.478	33.834								
3/6/13 6:40	38.584	38.476	33.829								
3/6/13 7:00	38.584	38.473	33.825								
3/6/13 7:20	38.582	38.473	33.825								
3/6/13 7:40	38.579	38.473	33.825								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/6/13 8:00	38.575	38.471	33.822								
3/6/13 8:20	38.580	38.471	33.820								
3/6/13 8:40	38.579	38.471	33.820								
3/6/13 9:00	38.582	38.471	33.822								
3/6/13 9:20	38.582	38.473	33.822								
3/6/13 9:40	38.584	38.476	33.827								
3/6/13 10:00	38.598	38.492	33.909								
3/6/13 10:20	38.594	38.487	33.855								
3/6/13 10:40	38.589	38.483	33.839								
3/6/13 11:00	38.586	38.478	33.827								
3/6/13 11:20	38.582	38.473	33.820								
3/6/13 11:40	38.582	38.473	33.815								
3/6/13 12:00	38.575	38.469	33.808								
3/6/13 12:20	38.568	38.462	33.799								
3/6/13 12:40	38.573	38.462	34.005								
3/6/13 13:00	38.570	38.466	33.839								
3/6/13 13:20	38.554	38.450	33.799								
3/6/13 13:40	38.544	38.436	33.778								
3/6/13 14:00	38.531	38.424	33.759								
3/6/13 14:20	38.514	38.406	33.738								
3/6/13 14:40	38.503	38.394	33.722								
3/6/13 15:00	38.491	38.382	33.708								
3/6/13 15:20	38.477	38.373	33.691								
3/6/13 15:40	38.470	38.361	33.677								
3/6/13 16:00	38.477	38.373	33.743								
3/6/13 16:20	38.463	38.357	33.693								
3/6/13 16:40	38.451	38.347	33.672								
3/6/13 17:00	38.444	38.338	33.656								
3/6/13 17:20	38.437	38.326	33.639								
3/6/13 17:40	38.461	38.352	33.801								
3/6/13 18:00	38.489	38.387	33.994								
3/6/13 18:20	38.468	38.364	33.740								
3/6/13 18:40	38.514	38.413	33.998								
3/6/13 19:00	38.540	38.443	34.015								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/6/13 19:20	38.575	38.476	34.280								
3/6/13 19:40	38.601	38.502	34.397								
3/6/13 20:00	38.586	38.492	34.073								
3/6/13 20:20	38.612	38.516	34.442								
3/6/13 20:40	38.598	38.499	34.238								
3/6/13 21:00	38.584	38.490	34.097								
3/6/13 21:20	38.563	38.469	33.966								
3/6/13 21:40	38.549	38.450	34.073								
3/6/13 22:00	38.535	38.438	33.928								
3/6/13 22:20	38.505	38.406	33.806								
3/6/13 22:40	38.486	38.385	33.759								
3/6/13 23:00	38.489	38.389	33.818								
3/6/13 23:20	38.491	38.387	33.987								
3/6/13 23:40	38.472	38.371	33.757								
3/7/13 0:00	38.449	38.347	33.712								
3/7/13 0:20	38.440	38.333	33.686								
3/7/13 0:40	38.426	38.322	33.665								
3/7/13 1:00	38.416	38.310	33.651								
3/7/13 1:20	38.407	38.303	33.637								
3/7/13 1:40	38.393	38.286	33.618								
3/7/13 2:00	38.381	38.277	33.607								
3/7/13 2:20	38.379	38.272	33.600								
3/7/13 2:40	38.374	38.270	33.593								
3/7/13 3:00	38.367	38.261	33.583								
3/7/13 3:20	38.360	38.254	33.571								
3/7/13 3:40	38.353	38.249	33.564								
3/7/13 4:00	38.349	38.242	33.555								
3/7/13 4:20	38.344	38.235	33.546								
3/7/13 4:40	38.339	38.233	33.539								
3/7/13 5:00	38.335	38.226	33.532								
3/7/13 5:20	38.328	38.221	33.525								
3/7/13 5:40	38.323	38.216	33.520								
3/7/13 6:00	38.323	38.214	33.513								
3/7/13 6:20	38.323	38.214	33.510								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/7/13 6:40	38.321	38.212	33.510								
3/7/13 7:00	38.316	38.209	33.503								
3/7/13 7:20	38.314	38.205	33.501								
3/7/13 7:40	38.316	38.205	33.496								
3/7/13 8:00	38.318	38.209	33.496								
3/7/13 8:20	38.323	38.212	33.496								
3/7/13 8:40	38.325	38.216	33.501								
3/7/13 9:00	38.330	38.221	33.508								
3/7/13 9:20	38.332	38.223	33.510								
3/7/13 9:40	38.337	38.226	33.515								
3/7/13 10:00	38.339	38.230	33.515								
3/7/13 10:20	38.360	38.251	33.712								
3/7/13 10:40	38.356	38.249	33.555								
3/7/13 11:00	38.353	38.247	33.536								
3/7/13 11:20	38.346	38.240	33.525								
3/7/13 11:40	38.346	38.237	33.518								
3/7/13 12:00	38.342	38.233	33.508								
3/7/13 12:20	38.337	38.228	33.503								
3/7/13 12:40	38.337	38.228	33.513								
3/7/13 13:00	38.349	38.242	33.543								
3/7/13 13:20	38.344	38.237	33.513								
3/7/13 13:40	38.337	38.230	33.501								
3/7/13 14:00	38.330	38.223	33.489								
3/7/13 14:20	38.356	38.247	33.757								
3/7/13 14:40	38.407	38.308	33.858								
3/7/13 15:00	38.470	38.373	34.235								
3/7/13 15:20	38.517	38.424	34.306								
3/7/13 15:40	38.516	38.420	34.287								
3/7/13 16:00	38.500	38.406	33.984								
3/7/13 16:20	38.526	38.429	34.385								
3/7/13 16:40	38.531	38.438	34.207								
3/7/13 17:00	38.505	38.413	33.944								
3/7/13 17:20	38.479	38.380	33.930								
3/7/13 17:40	38.461	38.359	33.820								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/7/13 18:00	38.493	38.389	34.336								
3/7/13 18:20	38.512	38.415	34.087								
3/7/13 18:40	38.514	38.415	34.059								
3/7/13 19:00	38.496	38.399	33.862								
3/7/13 19:20	38.482	38.385	33.825								
3/7/13 19:40	38.451	38.352	33.719								
3/7/13 20:00	38.451	38.350	33.780								
3/7/13 20:20	38.449	38.345	33.879								
3/7/13 20:40	38.440	38.333	33.785								
3/7/13 21:00	38.435	38.333	33.708								
3/7/13 21:20	38.419	38.315	33.654								
3/7/13 21:40	38.405	38.301	33.628								
3/7/13 22:00	38.400	38.296	33.614								
3/7/13 22:20	38.395	38.289	33.600								
3/7/13 22:40	38.398	38.294	33.588								
3/7/13 23:00	38.395	38.289	33.583								
3/7/13 23:20	38.391	38.282	33.579								
3/7/13 23:40	38.386	38.279	33.571								
3/8/13 0:00	38.381	38.275	33.564								
3/8/13 0:20	38.377	38.268	33.557								
3/8/13 0:40	38.370	38.263	33.553								
3/8/13 1:00	38.365	38.256	33.546								
3/8/13 1:20	38.360	38.251	33.539								
3/8/13 1:40	38.356	38.249	33.534								
3/8/13 2:00	38.351	38.240	33.527								
3/8/13 2:20	38.349	38.242	33.527								
3/8/13 2:40	38.349	38.242	33.527								
3/8/13 3:00	38.349	38.242	33.527								
3/8/13 3:20	38.344	38.235	33.520								
3/8/13 3:40	38.337	38.230	33.515								
3/8/13 4:00	38.330	38.221	33.503								
3/8/13 4:20	38.328	38.219	33.499								
3/8/13 4:40	38.323	38.216	33.492								
3/8/13 5:00	38.321	38.212	33.487								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/8/13 5:20	38.321	38.212	33.485								
3/8/13 5:40	38.318	38.209	33.482								
3/8/13 6:00	38.316	38.207	33.480								
3/8/13 6:20	38.318	38.209	33.480								
3/8/13 6:40	38.316	38.207	33.480								
3/8/13 7:00	38.314	38.205	33.475								
3/8/13 7:20	38.314	38.205	33.473								
3/8/13 7:40	38.316	38.205	33.473								
3/8/13 8:00	38.321	38.209	33.471								
3/8/13 8:20	38.330	38.219	33.471								
3/8/13 8:40	38.332	38.221	33.473								
3/8/13 9:00	38.330	38.221	33.478								
3/8/13 9:20	38.328	38.219	33.473								
3/8/13 9:40	38.332	38.223	33.480								
3/8/13 10:00	38.335	38.223	33.482								
3/8/13 10:20	38.353	38.247	33.536								
3/8/13 10:40	38.351	38.242	33.508								
3/8/13 11:00	38.356	38.244	33.501								
3/8/13 11:20	38.358	38.249	33.496								
3/8/13 11:40	38.356	38.247	33.494								
3/8/13 12:00	38.346	38.235	33.482								
3/8/13 12:20	38.339	38.230	33.475								
3/8/13 12:40	38.332	38.223	33.471								
3/8/13 13:00	38.328	38.219	33.464								
3/8/13 13:20	38.321	38.212	33.459								
3/8/13 13:40	38.318	38.209	33.450								
3/8/13 14:00	38.346	38.240	33.663								
3/8/13 14:20	38.330	38.221	33.506								
3/8/13 14:40	38.330	38.223	33.546								
3/8/13 15:00	38.309	38.202	33.470								
3/8/13 15:20	38.288	38.181	33.435								
3/8/13 15:40	38.279	38.172	33.417								
3/8/13 16:00	38.272	38.163	33.400								
3/8/13 16:20	38.297	38.181	33.391								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/8/13 16:40	38.325	38.216	33.393								
3/8/13 17:00	38.316	38.205	33.386								
3/8/13 17:20	38.297	38.188	33.381								
3/8/13 17:40	38.283	38.174	33.379								
3/8/13 18:00	38.272	38.165	33.374								
3/8/13 18:20	38.269	38.160	33.377								
3/8/13 18:40	38.267	38.158	33.372								
3/8/13 19:00	38.316	38.205	33.708								
3/8/13 19:20	38.356	38.249	33.886								
3/8/13 19:40	38.395	38.289	34.031								
3/8/13 20:00	38.423	38.326	34.001								
3/8/13 20:20	38.395	38.298	33.712								
3/8/13 20:40	38.444	38.345	34.132								
3/8/13 21:00	38.461	38.361	34.146								
3/8/13 21:20	38.416	38.317	33.759								
3/8/13 21:40	38.407	38.303	33.743								
3/8/13 22:00	38.388	38.289	33.639								
3/8/13 22:20	38.360	38.258	33.567								
3/8/13 22:40	38.356	38.256	33.614								
3/8/13 23:00	38.335	38.230	33.529								
3/8/13 23:20	38.356	38.254	33.665								
3/8/13 23:40	38.351	38.249	33.616								
3/9/13 0:00	38.321	38.219	33.525								
3/9/13 0:20	38.307	38.200	33.482								
3/9/13 0:40	38.297	38.191	33.464								
3/9/13 1:00	38.283	38.179	33.450								
3/9/13 1:20	38.262	38.158	33.424								
3/9/13 1:40	38.246	38.141	33.398								
3/9/13 2:00	38.234	38.128	33.379								
3/9/13 2:20	38.225	38.121	33.365								
3/9/13 2:40	38.227	38.121	33.400								
3/9/13 3:00	38.204	38.100	33.356								
3/9/13 3:20	38.197	38.090	33.335								
3/9/13 3:40	38.188	38.078	33.320								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/9/13 4:00	38.171	38.064	33.299								
3/9/13 4:20	38.162	38.053	33.288								
3/9/13 4:40	38.155	38.046	33.281								
3/9/13 5:00	38.146	38.039	33.271								
3/9/13 5:20	38.143	38.032	33.260								
3/9/13 5:40	38.127	38.020	33.248								
3/9/13 6:00	38.122	38.015	33.238								
3/9/13 6:20	38.104	38.001	33.224								
3/9/13 6:40	38.097	37.983	33.199								
3/9/13 7:00	38.095	37.983	33.191								
3/9/13 7:20	38.087	37.980	33.189								
3/9/13 7:40	38.090	37.973	33.182								
3/9/13 8:00	38.087	37.978	33.187								
3/9/13 8:20	38.090	37.983	33.189								
3/9/13 8:40	38.087	37.978	33.184								
3/9/13 9:00	38.088	37.980	33.180								
3/9/13 9:20	38.090	37.980	33.182								
3/9/13 9:40	38.090	37.980	33.180								
3/9/13 10:00	38.097	37.987	33.187								
3/9/13 10:20	38.099	37.990	33.189								
3/9/13 10:40	38.102	37.994	33.191								
3/9/13 11:00	38.101	37.990	33.191								
3/9/13 11:20	38.104	37.994	33.189								
3/9/13 11:40	38.097	37.990	33.182								
3/9/13 12:00	38.094	37.983	33.170								
3/9/13 12:20	38.092	37.976	33.161								
3/9/13 12:40	38.083	37.971	33.152								
3/9/13 13:00	38.106	37.990	33.499								
3/9/13 13:20	38.120	38.011	33.407								
3/9/13 13:40	38.181	38.081	33.586								
3/9/13 14:00	38.172	38.074	33.471								
3/9/13 14:20	38.155	38.050	33.492								
3/9/13 14:40	38.167	38.060	33.625								
3/9/13 15:00	38.188	38.088	33.621								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/9/13 15:20	38.197	38.100	33.527								
3/9/13 15:40	38.209	38.109	33.569								
3/9/13 16:00	38.251	38.151	34.038								
3/9/13 16:20	38.232	38.137	33.560								
3/9/13 16:40	38.213	38.109	33.632								
3/9/13 17:00	38.218	38.116	33.602								
3/9/13 17:20	38.402	38.342	33.421								
3/9/13 17:40	38.421	38.429	33.503								
3/9/13 18:00	38.442	38.567	33.520								
3/9/13 18:20	38.605	38.653	33.489								
3/9/13 18:40	38.449	38.389	33.433								
3/9/13 19:00	38.489	38.359	33.485								
3/9/13 19:20	38.391	38.378	33.349								
3/9/13 19:40	38.486	38.436	33.487								
3/9/13 20:00	38.712	38.808	33.370								
3/9/13 20:20	38.565	38.791	33.365								
3/9/13 20:40	38.346	38.249	33.365								
3/9/13 21:00	38.297	38.195	33.360								
3/9/13 21:20	38.272	38.167	33.351								
3/9/13 21:40	38.253	38.151	33.344								
3/9/13 22:00	38.253	38.146	33.342								
3/9/13 22:20	38.253	38.144	33.346								
3/9/13 22:40	38.253	38.141	33.346								
3/9/13 23:00	38.246	38.137	33.346								
3/9/13 23:20	38.248	38.139	33.346								
3/9/13 23:40	38.244	38.135	33.339								
3/10/13 0:00	38.244	38.135	33.339								
3/10/13 0:20	38.239	38.130	33.335								
3/10/13 0:40	38.244	38.135	33.339								
3/10/13 1:00	38.246	38.137	33.344								
3/10/13 1:20	38.248	38.139	33.344								
3/10/13 1:40	38.248	38.137	33.344								
3/10/13 2:00	38.248	38.135	33.349								
3/10/13 2:20	38.255	38.137	33.356								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/10/13 2:40	38.262	38.151	33.365								
3/10/13 3:00	38.262	38.146	33.365								
3/10/13 3:20	38.267	38.156	33.374								
3/10/13 3:40	38.265	38.148	33.370								
3/10/13 4:00	38.269	38.149	33.370								
3/10/13 4:20	38.274	38.160	33.377								
3/10/13 4:40	38.274	38.160	33.381								
3/10/13 5:00	38.272	38.158	33.381								
3/10/13 5:20	38.279	38.165	33.384								
3/10/13 5:40	38.288	38.172	33.393								
3/10/13 6:00	38.290	38.174	33.400								
3/10/13 6:20	38.295	38.184	33.407								
3/10/13 6:40	38.304	38.191	33.417								
3/10/13 7:00	38.311	38.193	33.421								
3/10/13 7:20	38.316	38.205	33.428								
3/10/13 7:40	38.325	38.207	33.435								
3/10/13 8:00	38.332	38.219	33.445								
3/10/13 8:20	38.337	38.226	33.452								
3/10/13 8:40	38.349	38.230	33.459								
3/10/13 9:00	38.356	38.237	33.471								
3/10/13 9:20	38.358	38.244	33.478								
3/10/13 9:40	38.367	38.251	33.485								
3/10/13 10:00	38.379	38.261	33.489								
3/10/13 10:20	38.386	38.272	33.496								
3/10/13 10:40	38.388	38.272	33.503								
3/10/13 11:00	38.388	38.279	33.506								
3/10/13 11:20	38.391	38.277	33.508								
3/10/13 11:40	38.407	38.289	33.520								
3/10/13 12:00	38.423	38.305	33.525								
3/10/13 12:20	38.423	38.308	33.536								
3/10/13 12:40	38.442	38.322	33.541								
3/10/13 13:00	38.442	38.326	33.546								
3/10/13 13:20	38.442	38.331	33.548								
3/10/13 13:40	38.435	38.326	33.548								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/10/13 14:00	38.433	38.322	33.550								
3/10/13 14:20	38.428	38.317	33.548								
3/10/13 14:40	38.426	38.315	33.543								
3/10/13 15:00	38.421	38.310	33.541								
3/10/13 15:20	38.414	38.303	33.536								
3/10/13 15:40	38.414	38.301	33.534								
3/10/13 16:00	38.412	38.300	33.536								
3/10/13 16:20	38.412	38.301	33.541								
3/10/13 16:40	38.412	38.303	33.539								
3/10/13 17:00	38.414	38.298	33.541								
3/10/13 17:20	38.414	38.298	33.543								
3/10/13 17:40	38.430	38.312	33.761								
3/10/13 18:00	38.451	38.345	33.736								
3/10/13 18:20	38.465	38.354	33.773								
3/10/13 18:40	38.507	38.394	33.930								
3/10/13 19:00	38.544	38.429	34.170								
3/10/13 19:20	38.584	38.476	34.268								
3/10/13 19:40	38.577	38.478	33.940								
3/10/13 20:00	38.565	38.462	33.848								
3/10/13 20:20	38.542	38.438	33.764								
3/10/13 20:40	38.526	38.420	33.722								
3/10/13 21:00	38.533	38.422	33.848								
3/10/13 21:20	38.530	38.417	33.902								
3/10/13 21:40	38.523	38.415	33.740								
3/10/13 22:00	38.514	38.406	33.703								
3/10/13 22:20	38.510	38.399	33.689								
3/10/13 22:40	38.503	38.394	33.679								
3/10/13 23:00	38.496	38.385	33.668								
3/10/13 23:20	38.491	38.380	33.656								
3/10/13 23:40	38.486	38.375	33.651								
3/11/13 0:00	38.482	38.371	33.644								
3/11/13 0:20	38.491	38.382	33.703								
3/11/13 0:40	38.477	38.371	33.658								
3/11/13 1:00	38.470	38.361	33.642								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/11/13 1:20	38.465	38.354	33.630								
3/11/13 1:40	38.454	38.345	33.618								
3/11/13 2:00	38.444	38.336	33.609								
3/11/13 2:20	38.437	38.331	33.602								
3/11/13 2:40	38.437	38.324	33.600								
3/11/13 3:00	38.435	38.321	33.597								
3/11/13 3:20	38.428	38.322	33.593								
3/11/13 3:40	38.421	38.310	33.586								
3/11/13 4:00	38.430	38.319	33.635								
3/11/13 4:20	38.419	38.307	33.597								
3/11/13 4:40	38.412	38.303	33.581								
3/11/13 5:00	38.405	38.298	33.574								
3/11/13 5:20	38.398	38.289	33.564								
3/11/13 5:40	38.393	38.284	33.560								
3/11/13 6:00	38.391	38.282	33.555								
3/11/13 6:20	38.386	38.272	33.548								
3/11/13 6:40	38.384	38.275	33.546								
3/11/13 7:00	38.386	38.279	33.548								
3/11/13 7:20	38.391	38.282	33.550								
3/11/13 7:40	38.391	38.284	33.555								
3/11/13 8:00	38.388	38.282	33.553								
3/11/13 8:20	38.388	38.282	33.550								
3/11/13 8:40	38.393	38.282	33.553								
3/11/13 9:00	38.400	38.286	33.555								
3/11/13 9:20	38.402	38.296	33.560								
3/11/13 9:40	38.402	38.293	33.560								
3/11/13 10:00	38.402	38.296	33.562								
3/11/13 10:20	38.407	38.298	33.562								
3/11/13 10:40	38.428	38.312	33.804								
3/11/13 11:00	38.423	38.315	33.609								
3/11/13 11:20	38.433	38.324	33.750								
3/11/13 11:40	38.430	38.324	33.616								
3/11/13 12:00	38.421	38.317	33.595								
3/11/13 12:20	38.414	38.305	33.579								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/11/13 12:40	38.414	38.303	33.567								
3/11/13 13:00	38.412	38.303	33.569								
3/11/13 13:20	38.416	38.310	33.611								
3/11/13 13:40	38.405	38.296	33.576								
3/11/13 14:00	38.435	38.331	33.764								
3/11/13 14:20	38.437	38.333	33.778								
3/11/13 14:40	38.451	38.347	33.930								
3/11/13 15:00	38.447	38.342	33.888								
3/11/13 15:20	38.440	38.338	33.785								
3/11/13 15:40	38.414	38.310	33.630								
3/11/13 16:00	38.407	38.296	33.588								
3/11/13 16:20	38.426	38.314	33.560								
3/11/13 16:40	38.433	38.322	33.543								
3/11/13 17:00	38.419	38.312	33.534								
3/11/13 17:20	38.419	38.315	33.637								
3/11/13 17:40	38.423	38.319	33.670								
3/11/13 18:00	38.437	38.333	33.865								
3/11/13 18:20	38.461	38.352	34.146								
3/11/13 18:40	38.507	38.401	34.303								
3/11/13 19:00	38.547	38.452	34.355								
3/11/13 19:20	38.568	38.466	34.378								
3/11/13 19:40	38.598	38.502	34.575								
3/11/13 20:00	38.594	38.499	34.343								
3/11/13 20:20	38.544	38.445	33.897								
3/11/13 20:40	38.526	38.429	33.858								
3/11/13 21:00	38.491	38.389	33.757								
3/11/13 21:20	38.496	38.394	33.867								
3/11/13 21:40	38.482	38.378	33.729								
3/11/13 22:00	38.491	38.387	33.872								
3/11/13 22:20	38.475	38.371	33.724								
3/11/13 22:40	38.479	38.373	33.933								
3/11/13 23:00	38.477	38.371	33.715								
3/11/13 23:20	38.505	38.399	34.008								
3/11/13 23:40	38.491	38.387	33.757								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/12/13 0:00	38.475	38.368	33.703								
3/12/13 0:20	38.477	38.371	33.689								
3/12/13 0:40	38.491	38.382	33.890								
3/12/13 1:00	38.477	38.371	33.708								
3/12/13 1:20	38.477	38.371	33.689								
3/12/13 1:40	38.475	38.366	33.679								
3/12/13 2:00	38.496	38.389	33.757								
3/12/13 2:20	38.489	38.382	33.708								
3/12/13 2:40	38.484	38.378	33.693								
3/12/13 3:00	38.484	38.375	33.689								
3/12/13 3:20	38.482	38.373	33.686								
3/12/13 3:40	38.484	38.378	33.684								
3/12/13 4:00	38.489	38.380	33.686								
3/12/13 4:20	38.482	38.373	33.682								
3/12/13 4:40	38.482	38.373	33.679								
3/12/13 5:00	38.477	38.368	33.675								
3/12/13 5:20	38.489	38.378	33.677								
3/12/13 5:40	38.491	38.382	33.682								
3/12/13 6:00	38.491	38.380	33.682								
3/12/13 6:20	38.493	38.382	33.686								
3/12/13 6:40	38.498	38.387	33.691								
3/12/13 7:00	38.505	38.394	33.698								
3/12/13 7:20	38.510	38.399	33.703								
3/12/13 7:40	38.514	38.406	33.708								
3/12/13 8:00	38.516	38.408	33.710								
3/12/13 8:20	38.547	38.438	33.872								
3/12/13 8:40	38.552	38.443	33.768								
3/12/13 9:00	38.551	38.441	33.754								
3/12/13 9:20	38.572	38.464	33.827								
3/12/13 9:40	38.577	38.469	33.792								
3/12/13 10:00	38.586	38.473	33.787								
3/12/13 10:20	38.591	38.483	33.792								
3/12/13 10:40	38.598	38.487	33.794								
3/12/13 11:00	38.612	38.506	33.855								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/12/13 11:20	38.614	38.506	33.829								
3/12/13 11:40	38.619	38.508	33.827								
3/12/13 12:00	38.619	38.513	33.825								
3/12/13 12:20	38.638	38.534	33.921								
3/12/13 12:40	38.640	38.527	34.029								
3/12/13 13:00	38.675	38.567	34.031								
3/12/13 13:20	38.705	38.602	34.132								
3/12/13 13:40	38.710	38.604	34.083								
3/12/13 14:00	38.738	38.632	34.139								
3/12/13 14:20	38.747	38.646	34.118								
3/12/13 14:40	38.750	38.649	34.132								
3/12/13 15:00	38.733	38.630	34.076								
3/12/13 15:20	38.722	38.623	34.038								
3/12/13 15:40	38.729	38.628	34.050								
3/12/13 16:00	38.712	38.609	34.005								
3/12/13 16:20	38.680	38.576	33.928								
3/12/13 16:40	38.677	38.576	33.968								
3/12/13 17:00	38.673	38.569	34.109								
3/12/13 17:20	38.666	38.567	34.027								
3/12/13 17:40	38.663	38.562	33.989								
3/12/13 18:00	38.673	38.572	34.177								
3/12/13 18:20	38.673	38.574	34.048								
3/12/13 18:40	38.645	38.543	33.940								
3/12/13 19:00	38.626	38.523	33.895								
3/12/13 19:20	38.612	38.509	33.867								
3/12/13 19:40	38.633	38.523	34.080								
3/12/13 20:00	38.633	38.530	33.942								
3/12/13 20:20	38.640	38.537	34.010								
3/12/13 20:40	38.629	38.523	33.905								
3/12/13 21:00	38.619	38.513	33.879								
3/12/13 21:20	38.631	38.527	33.921								
3/12/13 21:40	38.624	38.518	33.883								
3/12/13 22:00	38.619	38.513	33.869								
3/12/13 22:20	38.619	38.513	33.865								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/12/13 22:40	38.621	38.516	33.862								
3/12/13 23:00	38.622	38.513	33.865								
3/12/13 23:20	38.621	38.516	33.860								
3/12/13 23:40	38.624	38.516	33.858								
3/13/13 0:00	38.621	38.513	33.858								
3/13/13 0:20	38.619	38.511	33.855								
3/13/13 0:40	38.621	38.511	33.853								
3/13/13 1:00	38.619	38.511	33.853								
3/13/13 1:20	38.617	38.508	33.848								
3/13/13 1:40	38.619	38.506	33.890								
3/13/13 2:00	38.626	38.520	33.888								
3/13/13 2:20	38.624	38.515	33.867								
3/13/13 2:40	38.617	38.511	33.858								
3/13/13 3:00	38.614	38.506	33.853								
3/13/13 3:20	38.608	38.502	33.846								
3/13/13 3:40	38.601	38.494	33.839								
3/13/13 4:00	38.600	38.492	33.832								
3/13/13 4:20	38.596	38.487	33.827								
3/13/13 4:40	38.591	38.485	33.825								
3/13/13 5:00	38.589	38.478	33.822								
3/13/13 5:20	38.591	38.483	33.820								
3/13/13 5:40	38.589	38.478	33.818								
3/13/13 6:00	38.584	38.478	33.820								
3/13/13 6:20	38.584	38.473	33.815								
3/13/13 6:40	38.579	38.471	33.815								
3/13/13 7:00	38.582	38.476	33.815								
3/13/13 7:20	38.582	38.473	33.813								
3/13/13 7:40	38.582	38.471	33.813								
3/13/13 8:00	38.586	38.478	33.815								
3/13/13 8:20	38.586	38.478	33.818								
3/13/13 8:40	38.591	38.480	33.820								
3/13/13 9:00	38.589	38.478	33.815								
3/13/13 9:20	38.610	38.504	33.893								
3/13/13 9:40	38.607	38.499	33.855								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/13/13 10:00	38.626	38.520	33.982								
3/13/13 10:20	38.645	38.539	34.015								
3/13/13 10:40	38.631	38.525	33.897								
3/13/13 11:00	38.663	38.558	34.245								
3/13/13 11:20	38.696	38.593	34.252								
3/13/13 11:40	38.680	38.579	34.024								
3/13/13 12:00	38.664	38.555	34.076								
3/13/13 12:20	38.656	38.553	33.944								
3/13/13 12:40	38.663	38.562	34.038								
3/13/13 13:00	38.659	38.555	34.048								
3/13/13 13:20	38.654	38.551	34.080								
3/13/13 13:40	38.647	38.546	33.980								
3/13/13 14:00	38.645	38.544	34.005								
3/13/13 14:20	38.640	38.539	33.984								
3/13/13 14:40	38.608	38.504	33.888								
3/13/13 15:00	38.617	38.511	33.942								
3/13/13 15:20	38.598	38.499	33.912								
3/13/13 15:40	38.605	38.502	34.167								
3/13/13 16:00	38.577	38.476	33.881								
3/13/13 16:20	38.589	38.487	33.973								
3/13/13 16:40	38.561	38.457	33.848								
3/13/13 17:00	38.570	38.471	34.038								
3/13/13 17:20	38.538	38.436	33.832								
3/13/13 17:40	38.514	38.410	33.780								
3/13/13 18:00	38.498	38.394	33.747								
3/13/13 18:20	38.482	38.378	33.724								
3/13/13 18:40	38.514	38.408	34.095								
3/13/13 19:00	38.519	38.415	33.944								
3/13/13 19:20	38.493	38.389	33.778								
3/13/13 19:40	38.493	38.387	33.940								
3/13/13 20:00	38.482	38.378	33.754								
3/13/13 20:20	38.468	38.364	33.715								
3/13/13 20:40	38.461	38.354	33.698								
3/13/13 21:00	38.454	38.347	33.686								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/13/13 21:20	38.449	38.343	33.677								
3/13/13 21:40	38.444	38.338	33.668								
3/13/13 22:00	38.437	38.331	33.661								
3/13/13 22:20	38.433	38.326	33.654								
3/13/13 22:40	38.433	38.324	33.649								
3/13/13 23:00	38.433	38.321	33.642								
3/13/13 23:20	38.440	38.326	33.855								
3/13/13 23:40	38.437	38.331	33.677								
3/14/13 0:00	38.430	38.324	33.651								
3/14/13 0:20	38.428	38.319	33.637								
3/14/13 0:40	38.426	38.317	33.632								
3/14/13 1:00	38.416	38.308	33.621								
3/14/13 1:20	38.412	38.305	33.614								
3/14/13 1:40	38.409	38.301	33.609								
3/14/13 2:00	38.409	38.301	33.607								
3/14/13 2:20	38.405	38.296	33.600								
3/14/13 2:40	38.398	38.289	33.595								
3/14/13 3:00	38.395	38.289	33.593								
3/14/13 3:20	38.391	38.282	33.586								
3/14/13 3:40	38.391	38.282	33.581								
3/14/13 4:00	38.386	38.277	33.574								
3/14/13 4:20	38.379	38.272	33.569								
3/14/13 4:40	38.374	38.265	33.562								
3/14/13 5:00	38.370	38.258	33.555								
3/14/13 5:20	38.365	38.258	33.550								
3/14/13 5:40	38.363	38.254	33.546								
3/14/13 6:00	38.358	38.249	33.539								
3/14/13 6:20	38.353	38.244	33.536								
3/14/13 6:40	38.351	38.244	33.534								
3/14/13 7:00	38.353	38.244	33.532								
3/14/13 7:20	38.356	38.244	33.534								
3/14/13 7:40	38.351	38.242	33.532								
3/14/13 8:00	38.358	38.249	33.529								
3/14/13 8:20	38.358	38.249	33.532								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/14/13 8:40	38.363	38.251	33.532								
3/14/13 9:00	38.370	38.258	33.534								
3/14/13 9:20	38.377	38.268	33.539								
3/14/13 9:40	38.374	38.265	33.541								
3/14/13 10:00	38.384	38.275	33.546								
3/14/13 10:20	38.386	38.277	33.550								
3/14/13 10:40	38.416	38.307	33.656								
3/14/13 11:00	38.430	38.322	33.703								
3/14/13 11:20	38.444	38.331	33.963								
3/14/13 11:40	38.507	38.401	34.184								
3/14/13 12:00	38.514	38.408	34.024								
3/14/13 12:20	38.503	38.399	33.879								
3/14/13 12:40	38.516	38.415	33.846								
3/14/13 13:00	38.507	38.406	33.886								
3/14/13 13:20	38.538	38.434	34.031								
3/14/13 13:40	38.519	38.413	33.966								
3/14/13 14:00	38.519	38.410	34.003								
3/14/13 14:20	38.503	38.401	33.780								
3/14/13 14:40	38.505	38.401	33.883								
3/14/13 15:00	38.479	38.373	33.717								
3/14/13 15:20	38.482	38.380	33.738								
3/14/13 15:40	38.463	38.357	33.677								
3/14/13 16:00	38.465	38.359	33.825								
3/14/13 16:20	38.463	38.359	33.745								
3/14/13 16:40	38.470	38.371	33.757								
3/14/13 17:00	38.482	38.382	33.837								
3/14/13 17:20	38.477	38.373	33.926								
3/14/13 17:40	38.461	38.357	33.703								
3/14/13 18:00	38.479	38.373	33.808								
3/14/13 18:20	38.500	38.399	33.900								
3/14/13 18:40	38.498	38.394	33.787								
3/14/13 19:00	38.510	38.408	33.799								
3/14/13 19:20	38.507	38.406	33.766								
3/14/13 19:40	38.493	38.389	33.693								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/14/13 20:00	38.472	38.366	33.663								
3/14/13 20:20	38.456	38.347	33.639								
3/14/13 20:40	38.447	38.340	33.625								
3/14/13 21:00	38.433	38.328	33.614								
3/14/13 21:20	38.426	38.317	33.602								
3/14/13 21:40	38.416	38.310	33.593								
3/14/13 22:00	38.407	38.301	33.583								
3/14/13 22:20	38.435	38.326	33.897								
3/14/13 22:40	38.454	38.347	34.001								
3/14/13 23:00	38.456	38.352	33.905								
3/14/13 23:20	38.435	38.331	33.679								
3/14/13 23:40	38.419	38.312	33.628								
3/15/13 0:00	38.402	38.298	33.600								
3/15/13 0:20	38.393	38.284	33.581								
3/15/13 0:40	38.384	38.277	33.564								
3/15/13 1:00	38.400	38.296	33.644								
3/15/13 1:20	38.405	38.301	33.670								
3/15/13 1:40	38.386	38.279	33.593								
3/15/13 2:00	38.395	38.294	33.661								
3/15/13 2:20	38.381	38.275	33.586								
3/15/13 2:40	38.365	38.258	33.553								
3/15/13 3:00	38.356	38.249	33.534								
3/15/13 3:20	38.344	38.235	33.518								
3/15/13 3:40	38.330	38.223	33.501								
3/15/13 4:00	38.321	38.216	33.487								
3/15/13 4:20	38.311	38.205	33.473								
3/15/13 4:40	38.302	38.193	33.461								
3/15/13 5:00	38.290	38.184	33.447								
3/15/13 5:20	38.283	38.177	33.435								
3/15/13 5:40	38.276	38.167	33.426								
3/15/13 6:00	38.269	38.160	33.419								
3/15/13 6:20	38.262	38.153	33.412								
3/15/13 6:40	38.253	38.146	33.403								
3/15/13 7:00	38.251	38.141	33.398								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/15/13 7:20	38.244	38.139	33.391								
3/15/13 7:40	38.239	38.130	33.381								
3/15/13 8:00	38.255	38.151	33.445								
3/15/13 8:20	38.267	38.163	33.489								
3/15/13 8:40	38.253	38.146	33.424								
3/15/13 9:00	38.265	38.160	33.513								
3/15/13 9:20	38.253	38.149	33.421								
3/15/13 9:40	38.248	38.141	33.400								
3/15/13 10:00	38.239	38.132	33.386								
3/15/13 10:20	38.255	38.146	33.597								
3/15/13 10:40	38.248	38.142	33.414								
3/15/13 11:00	38.246	38.135	33.424								
3/15/13 11:20	38.253	38.144	33.424								
3/15/13 11:40	38.241	38.134	33.389								
3/15/13 12:00	38.255	38.151	33.534								
3/15/13 12:20	38.239	38.130	33.398								
3/15/13 12:40	38.230	38.121	33.365								
3/15/13 13:00	38.260	38.153	33.672								
3/15/13 13:20	38.269	38.165	33.747								
3/15/13 13:40	38.260	38.158	33.506								
3/15/13 14:00	38.311	38.212	33.935								
3/15/13 14:20	38.367	38.263	34.254								
3/15/13 14:40	38.435	38.336	33.921								
3/15/13 15:00	38.458	38.357	34.118								
3/15/13 15:20	38.423	38.329	33.940								
3/15/13 15:40	38.449	38.347	33.963								
3/15/13 16:00	38.435	38.333	33.597								
3/15/13 16:20	38.430	38.329	33.579								
3/15/13 16:40	38.381	38.279	33.482								
3/15/13 17:00	38.337	38.233	33.435								
3/15/13 17:20	38.330	38.228	33.510								
3/15/13 17:40	38.302	38.198	33.417								
3/15/13 18:00	38.281	38.177	33.377								
3/15/13 18:20	38.290	38.186	33.433								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/15/13 18:40	38.316	38.212	33.738								
3/15/13 19:00	38.307	38.205	33.539								
3/15/13 19:20	38.300	38.198	33.555								
3/15/13 19:40	38.297	38.200	33.567								
3/15/13 20:00	38.286	38.186	33.522								
3/15/13 20:20	38.258	38.156	33.428								
3/15/13 20:40	38.260	38.158	33.525								
3/15/13 21:00	38.244	38.139	33.400								
3/15/13 21:20	38.230	38.123	33.367								
3/15/13 21:40	38.218	38.114	33.346								
3/15/13 22:00	38.213	38.107	33.337								
3/15/13 22:20	38.206	38.099	33.328								
3/15/13 22:40	38.204	38.097	33.323								
3/15/13 23:00	38.197	38.090	33.313								
3/15/13 23:20	38.211	38.100	33.316								
3/15/13 23:40	38.216	38.107	33.323								
3/16/13 0:00	38.223	38.111	33.332								
3/16/13 0:20	38.234	38.125	33.349								
3/16/13 0:40	38.239	38.130	33.358								
3/16/13 1:00	38.239	38.130	33.360								
3/16/13 1:20	38.253	38.142	33.367								
3/16/13 1:40	38.251	38.142	33.372								
3/16/13 2:00	38.260	38.149	33.372								
3/16/13 2:20	38.265	38.156	33.377								
3/16/13 2:40	38.274	38.160	33.384								
3/16/13 3:00	38.274	38.163	33.381								
3/16/13 3:20	38.272	38.163	33.384								
3/16/13 3:40	38.286	38.172	33.588								
3/16/13 4:00	38.300	38.188	33.431								
3/16/13 4:20	38.290	38.181	33.412								
3/16/13 4:40	38.300	38.188	33.410								
3/16/13 5:00	38.297	38.193	33.417								
3/16/13 5:20	38.314	38.202	33.426								
3/16/13 5:40	38.314	38.202	33.431								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/16/13 6:00	38.314	38.202	33.428								
3/16/13 6:20	38.337	38.226	33.447								
3/16/13 6:40	38.344	38.233	33.466								
3/16/13 7:00	38.358	38.247	33.482								
3/16/13 7:20	38.365	38.254	33.489								
3/16/13 7:40	38.379	38.265	33.501								
3/16/13 8:00	38.384	38.272	33.503								
3/16/13 8:20	38.400	38.286	33.518								
3/16/13 8:40	38.405	38.296	33.520								
3/16/13 9:00	38.412	38.303	33.525								
3/16/13 9:20	38.414	38.300	33.529								
3/16/13 9:40	38.419	38.307	33.536								
3/16/13 10:00	38.442	38.333	33.740								
3/16/13 10:20	38.437	38.329	33.590								
3/16/13 10:40	38.440	38.326	33.574								
3/16/13 11:00	38.435	38.326	33.571								
3/16/13 11:20	38.440	38.328	33.569								
3/16/13 11:40	38.440	38.326	33.564								
3/16/13 12:00	38.440	38.328	33.567								
3/16/13 12:20	38.463	38.352	33.642								
3/16/13 12:40	38.475	38.368	33.717								
3/16/13 13:00	38.470	38.361	33.639								
3/16/13 13:20	38.458	38.352	33.616								
3/16/13 13:40	38.493	38.387	33.813								
3/16/13 14:00	38.472	38.366	33.654								
3/16/13 14:20	38.465	38.354	33.618								
3/16/13 14:40	38.477	38.368	33.710								
3/16/13 15:00	38.458	38.350	33.635								
3/16/13 15:20	38.461	38.354	33.649								
3/16/13 15:40	38.449	38.340	33.607								
3/16/13 16:00	38.437	38.328	33.586								
3/16/13 16:20	38.444	38.336	33.630								
3/16/13 16:40	38.428	38.322	33.590								
3/16/13 17:00	38.435	38.331	33.647								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/16/13 17:20	38.447	38.342	33.677								
3/16/13 17:40	38.437	38.331	33.616								
3/16/13 18:00	38.433	38.319	33.736								
3/16/13 18:20	38.433	38.326	33.623								
3/16/13 18:40	38.465	38.354	34.064								
3/16/13 19:00	38.542	38.443	34.254								
3/16/13 19:20	38.533	38.429	34.041								
3/16/13 19:40	38.544	38.441	34.064								
3/16/13 20:00	38.556	38.450	34.174								
3/16/13 20:20	38.589	38.492	34.214								
3/16/13 20:40	38.554	38.455	33.867								
3/16/13 21:00	38.545	38.443	33.874								
3/16/13 21:20	38.519	38.415	33.764								
3/16/13 21:40	38.498	38.394	33.717								
3/16/13 22:00	38.484	38.378	33.689								
3/16/13 22:20	38.472	38.366	33.670								
3/16/13 22:40	38.482	38.378	33.778								
3/16/13 23:00	38.468	38.361	33.675								
3/16/13 23:20	38.456	38.350	33.647								
3/16/13 23:40	38.444	38.338	33.625								
3/17/13 0:00	38.435	38.326	33.616								
3/17/13 0:20	38.426	38.322	33.602								
3/17/13 0:40	38.426	38.315	33.595								
3/17/13 1:00	38.442	38.335	33.656								
3/17/13 1:20	38.430	38.324	33.616								
3/17/13 1:40	38.421	38.314	33.600								
3/17/13 2:00	38.409	38.303	33.583								
3/17/13 2:20	38.405	38.298	33.574								
3/17/13 2:40	38.419	38.308	33.792								
3/17/13 3:00	38.412	38.303	33.600								
3/17/13 3:20	38.400	38.291	33.574								
3/17/13 3:40	38.388	38.279	33.555								
3/17/13 4:00	38.381	38.275	33.543								
3/17/13 4:20	38.372	38.263	33.531								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/17/13 4:40	38.370	38.261	33.527								
3/17/13 5:00	38.365	38.256	33.520								
3/17/13 5:20	38.360	38.251	33.515								
3/17/13 5:40	38.360	38.251	33.515								
3/17/13 6:00	38.353	38.247	33.513								
3/17/13 6:20	38.353	38.244	33.513								
3/17/13 6:40	38.353	38.244	33.508								
3/17/13 7:00	38.351	38.242	33.503								
3/17/13 7:20	38.349	38.242	33.503								
3/17/13 7:40	38.342	38.233	33.494								
3/17/13 8:00	38.360	38.251	33.583								
3/17/13 8:20	38.358	38.247	33.527								
3/17/13 8:40	38.351	38.242	33.508								
3/17/13 9:00	38.353	38.244	33.506								
3/17/13 9:20	38.349	38.240	33.501								
3/17/13 9:40	38.344	38.237	33.496								
3/17/13 10:00	38.344	38.233	33.492								
3/17/13 10:20	38.353	38.247	33.546								
3/17/13 10:40	38.346	38.240	33.508								
3/17/13 11:00	38.339	38.230	33.489								
3/17/13 11:20	38.330	38.221	33.475								
3/17/13 11:40	38.346	38.240	33.553								
3/17/13 12:00	38.379	38.268	33.825								
3/17/13 12:20	38.367	38.261	33.595								
3/17/13 12:40	38.367	38.263	33.609								
3/17/13 13:00	38.339	38.235	33.522								
3/17/13 13:20	38.365	38.258	33.869								
3/17/13 13:40	38.344	38.240	33.557								
3/17/13 14:00	38.321	38.214	33.494								
3/17/13 14:20	38.318	38.216	33.513								
3/17/13 14:40	38.297	38.193	33.459								
3/17/13 15:00	38.295	38.191	33.496								
3/17/13 15:20	38.276	38.170	33.433								
3/17/13 15:40	38.260	38.153	33.405								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/17/13 16:00	38.253	38.148	33.445								
3/17/13 16:20	38.237	38.128	33.381								
3/17/13 16:40	38.220	38.113	33.353								
3/17/13 17:00	38.211	38.097	33.389								
3/17/13 17:20	38.262	38.153	33.921								
3/17/13 17:40	38.276	38.179	33.700								
3/17/13 18:00	38.302	38.209	33.815								
3/17/13 18:20	38.346	38.244	34.169								
3/17/13 18:40	38.414	38.322	34.364								
3/17/13 19:00	38.423	38.331	34.235								
3/17/13 19:20	38.395	38.303	33.872								
3/17/13 19:40	38.388	38.286	33.860								
3/17/13 20:00	38.405	38.312	33.951								
3/17/13 20:20	38.407	38.310	34.034								
3/17/13 20:40	38.386	38.289	33.787								
3/17/13 21:00	38.344	38.249	33.604								
3/17/13 21:20	38.330	38.228	33.731								
3/17/13 21:40	38.307	38.205	33.527								
3/17/13 22:00	38.300	38.198	33.529								
3/17/13 22:20	38.293	38.188	33.485								
3/17/13 22:40	38.297	38.200	33.546								
3/17/13 23:00	38.274	38.167	33.468								
3/17/13 23:20	38.276	38.170	33.447								
3/17/13 23:40	38.265	38.163	33.433								
3/18/13 0:00	38.262	38.156	33.424								
3/18/13 0:20	38.267	38.160	33.424								
3/18/13 0:40	38.255	38.148	33.410								
3/18/13 1:00	38.246	38.139	33.398								
3/18/13 1:20	38.272	38.165	33.473								
3/18/13 1:40	38.255	38.149	33.414								
3/18/13 2:00	38.251	38.144	33.398								
3/18/13 2:20	38.255	38.148	33.398								
3/18/13 2:40	38.276	38.170	33.539								
3/18/13 3:00	38.274	38.167	33.438								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/18/13 3:20	38.274	38.165	33.421								
3/18/13 3:40	38.274	38.163	33.414								
3/18/13 4:00	38.272	38.165	33.412								
3/18/13 4:20	38.269	38.163	33.407								
3/18/13 4:40	38.274	38.167	33.410								
3/18/13 5:00	38.276	38.167	33.410								
3/18/13 5:20	38.281	38.172	33.412								
3/18/13 5:40	38.288	38.179	33.414								
3/18/13 6:00	38.290	38.181	33.421								
3/18/13 6:20	38.297	38.186	33.428								
3/18/13 6:40	38.304	38.195	33.433								
3/18/13 7:00	38.304	38.193	33.435								
3/18/13 7:20	38.314	38.205	33.445								
3/18/13 7:40	38.323	38.209	33.450								
3/18/13 8:00	38.330	38.219	33.457								
3/18/13 8:20	38.335	38.223	33.464								
3/18/13 8:40	38.339	38.228	33.466								
3/18/13 9:00	38.342	38.230	33.468								
3/18/13 9:20	38.344	38.233	33.471								
3/18/13 9:40	38.360	38.249	33.478								
3/18/13 10:00	38.365	38.254	33.482								
3/18/13 10:20	38.367	38.256	33.492								
3/18/13 10:40	38.379	38.270	33.539								
3/18/13 11:00	38.377	38.268	33.515								
3/18/13 11:20	38.379	38.270	33.508								
3/18/13 11:40	38.379	38.268	33.506								
3/18/13 12:00	38.379	38.268	33.506								
3/18/13 12:20	38.377	38.265	33.503								
3/18/13 12:40	38.400	38.286	33.752								
3/18/13 13:00	38.451	38.345	33.949								
3/18/13 13:20	38.491	38.387	34.137								
3/18/13 13:40	38.530	38.427	34.167								
3/18/13 14:00	38.601	38.502	34.383								
3/18/13 14:20	38.593	38.494	34.247								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/18/13 14:40	38.580	38.487	34.043								
3/18/13 15:00	38.565	38.466	33.919								
3/18/13 15:20	38.547	38.443	33.888								
3/18/13 15:40	38.556	38.455	34.148								
3/18/13 16:00	38.535	38.438	33.846								
3/18/13 16:20	38.519	38.413	34.043								
3/18/13 16:40	38.528	38.424	33.923								
3/18/13 17:00	38.523	38.420	33.729								
3/18/13 17:20	38.523	38.422	33.778								
3/18/13 17:40	38.516	38.415	33.827								
3/18/13 18:00	38.514	38.413	33.867								
3/18/13 18:20	38.535	38.434	33.940								
3/18/13 18:40	38.549	38.448	34.158								
3/18/13 19:00	38.540	38.441	33.904								
3/18/13 19:20	38.528	38.427	33.841								
3/18/13 19:40	38.519	38.415	33.902								
3/18/13 20:00	38.514	38.410	33.895								
3/18/13 20:20	38.491	38.387	33.726								
3/18/13 20:40	38.475	38.371	33.686								
3/18/13 21:00	38.461	38.354	33.661								
3/18/13 21:20	38.458	38.352	33.649								
3/18/13 21:40	38.456	38.347	33.644								
3/18/13 22:00	38.447	38.338	33.635								
3/18/13 22:20	38.444	38.338	33.630								
3/18/13 22:40	38.442	38.336	33.625								
3/18/13 23:00	38.442	38.333	33.621								
3/18/13 23:20	38.444	38.333	33.618								
3/18/13 23:40	38.451	38.342	33.628								
3/19/13 0:00	38.449	38.342	33.630								
3/19/13 0:20	38.447	38.338	33.625								
3/19/13 0:40	38.454	38.340	33.698								
3/19/13 1:00	38.465	38.354	33.670								
3/19/13 1:20	38.461	38.352	33.647								
3/19/13 1:40	38.465	38.357	33.644								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/19/13 2:00	38.465	38.354	33.642								
3/19/13 2:20	38.463	38.354	33.642								
3/19/13 2:40	38.461	38.352	33.637								
3/19/13 3:00	38.463	38.357	33.637								
3/19/13 3:20	38.463	38.352	33.635								
3/19/13 3:40	38.465	38.357	33.639								
3/19/13 4:00	38.470	38.361	33.644								
3/19/13 4:20	38.463	38.354	33.637								
3/19/13 4:40	38.461	38.352	33.630								
3/19/13 5:00	38.463	38.352	33.628								
3/19/13 5:20	38.470	38.361	33.637								
3/19/13 5:40	38.458	38.347	33.628								
3/19/13 6:00	38.463	38.354	33.632								
3/19/13 6:20	38.468	38.359	33.637								
3/19/13 6:40	38.468	38.359	33.635								
3/19/13 7:00	38.470	38.359	33.635								
3/19/13 7:20	38.482	38.371	33.637								
3/19/13 7:40	38.484	38.373	33.637								
3/19/13 8:00	38.482	38.371	33.637								
3/19/13 8:20	38.482	38.373	33.639								
3/19/13 8:40	38.496	38.387	33.785								
3/19/13 9:00	38.491	38.382	33.675								
3/19/13 9:20	38.496	38.387	33.663								
3/19/13 9:40	38.503	38.392	33.658								
3/19/13 10:00	38.500	38.389	33.663								
3/19/13 10:20	38.512	38.399	33.675								
3/19/13 10:40	38.498	38.389	33.672								
3/19/13 11:00	38.547	38.438	33.792								
3/19/13 11:20	38.558	38.450	33.923								
3/19/13 11:40	38.551	38.441	33.759								
3/19/13 12:00	38.568	38.457	33.797								
3/19/13 12:20	38.612	38.506	34.038								
3/19/13 12:40	38.663	38.560	34.395								
3/19/13 13:00	38.710	38.609	34.582								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/19/13 13:20	38.722	38.623	34.496								
3/19/13 13:40	38.726	38.632	34.294								
3/19/13 14:00	38.726	38.630	34.303								
3/19/13 14:20	38.708	38.611	34.130								
3/19/13 14:40	38.694	38.600	34.090								
3/19/13 15:00	38.661	38.558	33.954								
3/19/13 15:20	38.631	38.527	33.888								
3/19/13 15:40	38.640	38.541	34.031								
3/19/13 16:00	38.638	38.534	34.113								
3/19/13 16:20	38.629	38.527	33.940								
3/19/13 16:40	38.626	38.522	33.968								
3/19/13 17:00	38.624	38.520	34.134								
3/19/13 17:20	38.628	38.527	34.052								
3/19/13 17:40	38.624	38.525	34.003								
3/19/13 18:00	38.614	38.515	33.963								
3/19/13 18:20	38.610	38.509	33.966								
3/19/13 18:40	38.607	38.506	33.921								
3/19/13 19:00	38.607	38.501	34.059								
3/19/13 19:20	38.617	38.508	34.095								
3/19/13 19:40	38.605	38.504	33.916								
3/19/13 20:00	38.608	38.504	33.949								
3/19/13 20:20	38.612	38.511	33.977								
3/19/13 20:40	38.591	38.485	33.860								
3/19/13 21:00	38.600	38.494	33.911								
3/19/13 21:20	38.593	38.487	33.848								
3/19/13 21:40	38.589	38.483	33.829								
3/19/13 22:00	38.586	38.478	33.820								
3/19/13 22:20	38.582	38.473	33.813								
3/19/13 22:40	38.579	38.471	33.811								
3/19/13 23:00	38.580	38.471	33.806								
3/19/13 23:20	38.575	38.466	33.801								
3/19/13 23:40	38.572	38.466	33.799								
3/20/13 0:00	38.575	38.464	33.794								
3/20/13 0:20	38.586	38.473	33.994								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/20/13 0:40	38.594	38.485	33.853								
3/20/13 1:00	38.586	38.480	33.827								
3/20/13 1:20	38.584	38.478	33.818								
3/20/13 1:40	38.593	38.483	33.818								
3/20/13 2:00	38.591	38.483	33.818								
3/20/13 2:20	38.593	38.485	33.820								
3/20/13 2:40	38.617	38.509	33.912								
3/20/13 3:00	38.610	38.504	33.858								
3/20/13 3:20	38.610	38.501	33.841								
3/20/13 3:40	38.617	38.508	33.841								
3/20/13 4:00	38.617	38.506	33.844								
3/20/13 4:20	38.619	38.509	33.844								
3/20/13 4:40	38.619	38.511	33.846								
3/20/13 5:00	38.621	38.513	33.848								
3/20/13 5:20	38.621	38.513	33.848								
3/20/13 5:40	38.626	38.518	33.851								
3/20/13 6:00	38.624	38.513	33.848								
3/20/13 6:20	38.626	38.518	33.848								
3/20/13 6:40	38.626	38.515	33.851								
3/20/13 7:00	38.628	38.516	33.848								
3/20/13 7:20	38.628	38.520	33.853								
3/20/13 7:40	38.628	38.520	33.848								
3/20/13 8:00	38.626	38.518	33.848								
3/20/13 8:20	38.633	38.523	33.853								
3/20/13 8:40	38.633	38.520	33.853								
3/20/13 9:00	38.631	38.525	33.853								
3/20/13 9:20	38.631	38.520	33.850								
3/20/13 9:40	38.628	38.520	33.851								
3/20/13 10:00	38.624	38.515	33.846								
3/20/13 10:20	38.647	38.539	34.017								
3/20/13 10:40	38.643	38.536	33.890								
3/20/13 11:00	38.638	38.529	33.865								
3/20/13 11:20	38.649	38.543	33.933								
3/20/13 11:40	38.659	38.553	33.973								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/20/13 12:00	38.642	38.539	33.895								
3/20/13 12:20	38.656	38.546	34.146								
3/20/13 12:40	38.668	38.565	34.080								
3/20/13 13:00	38.673	38.569	34.080								
3/20/13 13:20	38.705	38.607	34.310								
3/20/13 13:40	38.754	38.660	34.524								
3/20/13 14:00	38.801	38.712	34.636								
3/20/13 14:20	38.815	38.728	34.618								
3/20/13 14:40	38.785	38.691	34.636								
3/20/13 15:00	38.752	38.660	34.285								
3/20/13 15:20	38.703	38.609	34.120								
3/20/13 15:40	38.673	38.579	34.073								
3/20/13 16:00	38.654	38.553	34.059								
3/20/13 16:20	38.675	38.576	34.085								
3/20/13 16:40	38.689	38.586	34.144								
3/20/13 17:00	38.694	38.583	34.080								
3/20/13 17:20	38.726	38.621	34.071								
3/20/13 17:40	38.722	38.621	34.214								
3/20/13 18:00	38.694	38.597	34.031								
3/20/13 18:20	38.647	38.550	33.933								
3/20/13 18:40	38.619	38.522	33.966								
3/20/13 19:00	38.598	38.499	33.912								
3/20/13 19:20	38.591	38.492	34.116								
3/20/13 19:40	38.572	38.473	33.987								
3/20/13 20:00	38.533	38.431	33.813								
3/20/13 20:20	38.498	38.396	33.750								
3/20/13 20:40	38.470	38.368	33.710								
3/20/13 21:00	38.449	38.347	33.677								
3/20/13 21:20	38.444	38.335	33.912								
3/20/13 21:40	38.426	38.322	33.679								
3/20/13 22:00	38.426	38.324	33.757								
3/20/13 22:20	38.402	38.301	33.649								
3/20/13 22:40	38.391	38.286	33.616								
3/20/13 23:00	38.381	38.272	33.639								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/20/13 23:20	38.379	38.275	33.632								
3/20/13 23:40	38.358	38.256	33.590								
3/21/13 0:00	38.344	38.242	33.562								
3/21/13 0:20	38.353	38.244	33.768								
3/21/13 0:40	38.339	38.235	33.571								
3/21/13 1:00	38.328	38.223	33.541								
3/21/13 1:20	38.314	38.209	33.520								
3/21/13 1:40	38.318	38.207	33.778								
3/21/13 2:00	38.311	38.207	33.541								
3/21/13 2:20	38.300	38.195	33.506								
3/21/13 2:40	38.288	38.184	33.485								
3/21/13 3:00	38.279	38.172	33.468								
3/21/13 3:20	38.286	38.184	33.515								
3/21/13 3:40	38.274	38.170	33.473								
3/21/13 4:00	38.265	38.158	33.452								
3/21/13 4:20	38.258	38.153	33.438								
3/21/13 4:40	38.251	38.144	33.426								
3/21/13 5:00	38.241	38.134	33.412								
3/21/13 5:20	38.230	38.123	33.398								
3/21/13 5:40	38.225	38.118	33.391								
3/21/13 6:00	38.220	38.114	33.384								
3/21/13 6:20	38.220	38.111	33.372								
3/21/13 6:40	38.216	38.106	33.372								
3/21/13 7:00	38.213	38.106	33.370								
3/21/13 7:20	38.209	38.099	33.363								
3/21/13 7:40	38.209	38.099	33.356								
3/21/13 8:00	38.209	38.102	33.356								
3/21/13 8:20	38.225	38.118	33.410								
3/21/13 8:40	38.220	38.113	33.379								
3/21/13 9:00	38.218	38.111	33.367								
3/21/13 9:20	38.213	38.104	33.360								
3/21/13 9:40	38.211	38.102	33.351								
3/21/13 10:00	38.209	38.102	33.346								
3/21/13 10:20	38.202	38.095	33.339								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/21/13 10:40	38.204	38.097	33.335								
3/21/13 11:00	38.218	38.111	33.391								
3/21/13 11:20	38.234	38.116	33.656								
3/21/13 11:40	38.260	38.151	33.761								
3/21/13 12:00	38.290	38.184	33.902								
3/21/13 12:20	38.288	38.184	33.581								
3/21/13 12:40	38.300	38.200	33.675								
3/21/13 13:00	38.328	38.223	34.003								
3/21/13 13:20	38.314	38.219	33.649								
3/21/13 13:40	38.307	38.207	33.623								
3/21/13 14:00	38.311	38.209	33.834								
3/21/13 14:20	38.325	38.226	33.801								
3/21/13 14:40	38.295	38.195	33.567								
3/21/13 15:00	38.307	38.209	33.752								
3/21/13 15:20	38.293	38.193	33.583								
3/21/13 15:40	38.302	38.200	33.893								
3/21/13 16:00	38.297	38.198	33.719								
3/21/13 16:20	38.293	38.195	33.557								
3/21/13 16:40	38.290	38.193	33.541								
3/21/13 17:00	38.262	38.160	33.452								
3/21/13 17:20	38.248	38.144	33.410								
3/21/13 17:40	38.258	38.153	33.590								
3/21/13 18:00	38.244	38.139	33.424								
3/21/13 18:20	38.265	38.158	33.724								
3/21/13 18:40	38.276	38.174	33.546								
3/21/13 19:00	38.279	38.177	33.517								
3/21/13 19:20	38.276	38.167	33.579								
3/21/13 19:40	38.281	38.179	33.478								
3/21/13 20:00	38.288	38.186	33.494								
3/21/13 20:20	38.302	38.195	33.639								
3/21/13 20:40	38.288	38.181	33.475								
3/21/13 21:00	38.300	38.195	33.571								
3/21/13 21:20	38.295	38.188	33.471								
3/21/13 21:40	38.293	38.186	33.454								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/21/13 22:00	38.293	38.186	33.447								
3/21/13 22:20	38.283	38.179	33.438								
3/21/13 22:40	38.293	38.186	33.435								
3/21/13 23:00	38.295	38.186	33.433								
3/21/13 23:20	38.311	38.205	33.518								
3/21/13 23:40	38.304	38.195	33.461								
3/22/13 0:00	38.316	38.207	33.464								
3/22/13 0:20	38.328	38.216	33.471								
3/22/13 0:40	38.328	38.223	33.478								
3/22/13 1:00	38.351	38.240	33.642								
3/22/13 1:20	38.349	38.240	33.518								
3/22/13 1:40	38.358	38.244	33.757								
3/22/13 2:00	38.360	38.251	33.541								
3/22/13 2:20	38.372	38.263	33.567								
3/22/13 2:40	38.360	38.251	33.527								
3/22/13 3:00	38.353	38.247	33.506								
3/22/13 3:20	38.349	38.240	33.494								
3/22/13 3:40	38.344	38.233	33.489								
3/22/13 4:00	38.351	38.244	33.529								
3/22/13 4:20	38.351	38.244	33.501								
3/22/13 4:40	38.337	38.228	33.480								
3/22/13 5:00	38.330	38.221	33.468								
3/22/13 5:20	38.330	38.221	33.464								
3/22/13 5:40	38.328	38.221	33.461								
3/22/13 6:00	38.325	38.216	33.457								
3/22/13 6:20	38.328	38.216	33.457								
3/22/13 6:40	38.328	38.219	33.459								
3/22/13 7:00	38.328	38.219	33.461								
3/22/13 7:20	38.330	38.221	33.464								
3/22/13 7:40	38.332	38.226	33.461								
3/22/13 8:00	38.342	38.233	33.466								
3/22/13 8:20	38.365	38.256	33.567								
3/22/13 8:40	38.363	38.254	33.510								
3/22/13 9:00	38.360	38.249	33.494								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/22/13 9:20	38.372	38.265	33.593								
3/22/13 9:40	38.372	38.263	33.525								
3/22/13 10:00	38.370	38.261	33.513								
3/22/13 10:20	38.365	38.256	33.506								
3/22/13 10:40	38.363	38.254	33.501								
3/22/13 11:00	38.363	38.254	33.496								
3/22/13 11:20	38.384	38.277	33.583								
3/22/13 11:40	38.402	38.296	33.665								
3/22/13 12:00	38.414	38.305	33.675								
3/22/13 12:20	38.477	38.371	34.226								
3/22/13 12:40	38.486	38.380	34.066								
3/22/13 13:00	38.482	38.385	33.883								
3/22/13 13:20	38.470	38.366	33.935								
3/22/13 13:40	38.456	38.359	33.797								
3/22/13 14:00	38.472	38.371	33.996								
3/22/13 14:20	38.433	38.331	33.677								
3/22/13 14:40	38.421	38.319	33.675								
3/22/13 15:00	38.419	38.317	33.679								
3/22/13 15:20	38.407	38.300	33.855								
3/22/13 15:40	38.391	38.289	33.602								
3/22/13 16:00	38.402	38.298	33.719								
3/22/13 16:20	38.405	38.303	33.654								
3/22/13 16:40	38.393	38.282	33.780								
3/22/13 17:00	38.386	38.282	33.593								
3/22/13 17:20	38.388	38.284	33.623								
3/22/13 17:40	38.370	38.263	33.550								
3/22/13 18:00	38.400	38.298	33.874								
3/22/13 18:20	38.440	38.333	33.693								
3/22/13 18:40	38.465	38.361	33.658								
3/22/13 19:00	38.523	38.333	33.588								
3/22/13 19:20	38.451	38.349	33.639								
3/22/13 19:40	38.423	38.319	33.576								
3/22/13 20:00	38.423	38.317	33.632								
3/22/13 20:20	38.456	38.368	33.569								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/22/13 20:40	38.419	38.319	33.550								
3/22/13 21:00	38.584	38.574	33.543								
3/22/13 21:20	38.484	38.410	33.543								
3/22/13 21:40	38.458	38.364	33.546								
3/22/13 22:00	38.482	38.326	33.546								
3/22/13 22:20	38.416	38.312	33.543								
3/22/13 22:40	38.405	38.298	33.539								
3/22/13 23:00	38.416	38.312	33.642								
3/22/13 23:20	38.405	38.298	33.564								
3/22/13 23:40	38.395	38.289	33.548								
3/23/13 0:00	38.391	38.282	33.536								
3/23/13 0:20	38.402	38.289	33.656								
3/23/13 0:40	38.407	38.303	33.595								
3/23/13 1:00	38.398	38.291	33.564								
3/23/13 1:20	38.391	38.282	33.548								
3/23/13 1:40	38.477	38.436	33.534								
3/23/13 2:00	38.507	38.462	33.532								
3/23/13 2:20	38.503	38.438	33.684								
3/23/13 2:40	38.631	38.574	33.567								
3/23/13 3:00	38.468	38.396	33.555								
3/23/13 3:20	38.433	38.326	33.553								
3/23/13 3:40	38.407	38.300	33.543								
3/23/13 4:00	38.554	38.469	33.532								
3/23/13 4:20	38.440	38.352	33.529								
3/23/13 4:40	38.444	38.322	33.527								
3/23/13 5:00	38.391	38.286	33.522								
3/23/13 5:20	38.659	38.698	33.508								
3/23/13 5:40	38.696	38.728	33.515								
3/23/13 6:00	38.729	38.726	33.522								
3/23/13 6:20	38.640	38.609	33.529								
3/23/13 6:40	38.537	38.462	33.553								
3/23/13 7:00	38.477	38.389	33.553								
3/23/13 7:20	38.754	38.782	33.543								
3/23/13 7:40	38.820	38.880	33.550								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/23/13 8:00	38.547	38.448	33.586								
3/23/13 8:20	38.731	38.728	33.574								
3/23/13 8:40	38.577	38.485	33.583								
3/23/13 9:00	38.631	38.674	33.588								
3/23/13 9:20	38.561	38.492	33.595								
3/23/13 9:40	38.689	38.698	33.588								
3/23/13 10:00	38.789	38.850	33.583								
3/23/13 10:20	38.745	38.791	33.588								
3/23/13 10:40	38.845	38.894	33.590								
3/23/13 11:00	38.831	38.901	33.595								
3/23/13 11:20	38.815	38.871	33.602								
3/23/13 11:40	38.698	38.667	33.607								
3/23/13 12:00	38.605	38.515	33.832								
3/23/13 12:20	38.612	38.653	33.639								
3/23/13 12:40	38.563	38.511	33.609								
3/23/13 13:00	38.607	38.532	33.595								
3/23/13 13:20	38.780	38.784	33.670								
3/23/13 13:40	38.817	38.850	33.614								
3/23/13 14:00	38.577	38.518	33.600								
3/23/13 14:20	38.500	38.406	33.585								
3/23/13 14:40	38.468	38.364	33.569								
3/23/13 15:00	38.442	38.340	33.555								
3/23/13 15:20	38.430	38.326	33.543								
3/23/13 15:40	38.470	38.357	33.918								
3/23/13 16:00	38.510	38.410	33.900								
3/23/13 16:20	38.489	38.389	33.759								
3/23/13 16:40	38.496	38.396	33.860								
3/23/13 17:00	38.547	38.448	34.151								
3/23/13 17:20	38.547	38.450	33.897								
3/23/13 17:40	38.533	38.431	33.813								
3/23/13 18:00	38.519	38.417	33.785								
3/23/13 18:20	38.545	38.436	34.106								
3/23/13 18:40	38.519	38.417	33.768								
3/23/13 19:00	38.549	38.445	34.034								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/23/13 19:20	38.549	38.452	33.883								
3/23/13 19:40	38.568	38.469	34.019								
3/23/13 20:00	38.549	38.448	33.984								
3/23/13 20:20	38.514	38.417	33.764								
3/23/13 20:40	38.484	38.382	33.698								
3/23/13 21:00	38.470	38.361	33.656								
3/23/13 21:20	38.477	38.357	33.656								
3/23/13 21:40	38.475	38.368	33.665								
3/23/13 22:00	38.463	38.361	33.651								
3/23/13 22:20	38.449	38.347	33.635								
3/23/13 22:40	38.456	38.345	33.628								
3/23/13 23:00	38.458	38.345	33.630								
3/23/13 23:20	38.484	38.375	33.797								
3/23/13 23:40	38.472	38.364	33.684								
3/24/13 0:00	38.470	38.364	33.661								
3/24/13 0:20	38.472	38.364	33.848								
3/24/13 0:40	38.475	38.368	33.686								
3/24/13 1:00	38.465	38.359	33.661								
3/24/13 1:20	38.463	38.354	33.647								
3/24/13 1:40	38.461	38.352	33.639								
3/24/13 2:00	38.458	38.349	33.637								
3/24/13 2:20	38.454	38.347	33.635								
3/24/13 2:40	38.454	38.345	33.630								
3/24/13 3:00	38.451	38.345	33.628								
3/24/13 3:20	38.449	38.340	33.625								
3/24/13 3:40	38.447	38.338	33.621								
3/24/13 4:00	38.444	38.335	33.616								
3/24/13 4:20	38.447	38.335	33.614								
3/24/13 4:40	38.442	38.333	33.611								
3/24/13 5:00	38.442	38.329	33.611								
3/24/13 5:20	38.440	38.326	33.609								
3/24/13 5:40	38.442	38.331	33.607								
3/24/13 6:00	38.442	38.329	33.607								
3/24/13 6:20	38.442	38.331	33.607								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/24/13 6:40	38.444	38.336	33.611								
3/24/13 7:00	38.451	38.338	33.616								
3/24/13 7:20	38.454	38.340	33.618								
3/24/13 7:40	38.454	38.342	33.623								
3/24/13 8:00	38.456	38.345	33.625								
3/24/13 8:20	38.461	38.349	33.628								
3/24/13 8:40	38.465	38.354	33.630								
3/24/13 9:00	38.472	38.359	33.639								
3/24/13 9:20	38.479	38.366	33.644								
3/24/13 9:40	38.486	38.375	33.651								
3/24/13 10:00	38.507	38.396	33.717								
3/24/13 10:20	38.512	38.399	33.689								
3/24/13 10:40	38.526	38.413	33.682								
3/24/13 11:00	38.533	38.420	33.679								
3/24/13 11:20	38.565	38.452	33.790								
3/24/13 11:40	38.587	38.473	33.846								
3/24/13 12:00	38.582	38.473	33.743								
3/24/13 12:20	38.624	38.515	33.954								
3/24/13 12:40	38.628	38.527	33.874								
3/24/13 13:00	38.614	38.506	33.787								
3/24/13 13:20	38.619	38.515	33.822								
3/24/13 13:40	38.638	38.534	33.972								
3/24/13 14:00	38.617	38.515	33.801								
3/24/13 14:20	38.607	38.501	33.759								
3/24/13 14:40	38.684	38.583	34.263								
3/24/13 15:00	38.684	38.581	34.275								
3/24/13 15:20	38.677	38.583	33.994								
3/24/13 15:40	38.689	38.576	34.268								
3/24/13 16:00	38.696	38.600	34.038								
3/24/13 16:20	38.689	38.576	34.256								
3/24/13 16:40	38.705	38.607	34.113								
3/24/13 17:00	38.691	38.590	33.984								
3/24/13 17:20	38.694	38.581	34.247								
3/24/13 17:40	38.701	38.602	34.027								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/24/13 18:00	38.701	38.600	34.184								
3/24/13 18:20	38.701	38.602	34.167								
3/24/13 18:40	38.694	38.593	34.245								
3/24/13 19:00	38.687	38.588	34.019								
3/24/13 19:20	38.670	38.569	33.966								
3/24/13 19:40	38.673	38.565	34.123								
3/24/13 20:00	38.673	38.574	34.017								
3/24/13 20:20	38.645	38.543	33.890								
3/24/13 20:40	38.633	38.527	33.951								
3/24/13 21:00	38.624	38.522	33.860								
3/24/13 21:20	38.607	38.504	33.815								
3/24/13 21:40	38.598	38.492	33.794								
3/24/13 22:00	38.591	38.485	33.780								
3/24/13 22:20	38.586	38.483	33.778								
3/24/13 22:40	38.586	38.478	33.771								
3/24/13 23:00	38.582	38.478	33.771								
3/24/13 23:20	38.579	38.471	33.766								
3/24/13 23:40	38.579	38.471	33.764								
3/25/13 0:00	38.577	38.469	33.761								
3/25/13 0:20	38.577	38.471	33.759								
3/25/13 0:40	38.575	38.469	33.759								
3/25/13 1:00	38.575	38.464	33.754								
3/25/13 1:20	38.570	38.462	33.752								
3/25/13 1:40	38.572	38.462	33.750								
3/25/13 2:00	38.570	38.459	33.750								
3/25/13 2:20	38.568	38.462	33.750								
3/25/13 2:40	38.568	38.459	33.747								
3/25/13 3:00	38.565	38.457	33.747								
3/25/13 3:20	38.565	38.455	33.745								
3/25/13 3:40	38.561	38.455	33.740								
3/25/13 4:00	38.558	38.452	33.736								
3/25/13 4:20	38.556	38.448	33.733								
3/25/13 4:40	38.556	38.450	33.733								
3/25/13 5:00	38.558	38.448	33.733								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/25/13 5:20	38.561	38.450	33.736								
3/25/13 5:40	38.561	38.452	33.738								
3/25/13 6:00	38.563	38.452	33.738								
3/25/13 6:20	38.565	38.457	33.743								
3/25/13 6:40	38.570	38.457	33.745								
3/25/13 7:00	38.572	38.462	33.747								
3/25/13 7:20	38.577	38.469	33.752								
3/25/13 7:40	38.584	38.476	33.759								
3/25/13 8:00	38.593	38.480	33.923								
3/25/13 8:20	38.600	38.492	33.815								
3/25/13 8:40	38.598	38.492	33.799								
3/25/13 9:00	38.596	38.490	33.794								
3/25/13 9:20	38.598	38.492	33.797								
3/25/13 9:40	38.626	38.518	33.905								
3/25/13 10:00	38.619	38.513	33.832								
3/25/13 10:20	38.631	38.527	33.883								
3/25/13 10:40	38.649	38.546	33.958								
3/25/13 11:00	38.640	38.534	33.872								
3/25/13 11:20	38.652	38.546	34.069								
3/25/13 11:40	38.647	38.536	33.883								
3/25/13 12:00	38.652	38.546	33.914								
3/25/13 12:20	38.680	38.579	34.080								
3/25/13 12:40	38.682	38.581	34.003								
3/25/13 13:00	38.668	38.560	33.916								
3/25/13 13:20	38.670	38.567	34.029								
3/25/13 13:40	38.701	38.600	34.162								
3/25/13 14:00	38.715	38.609	34.331								
3/25/13 14:20	38.729	38.630	34.200								
3/25/13 14:40	38.738	38.639	34.216								
3/25/13 15:00	38.738	38.639	34.202								
3/25/13 15:20	38.715	38.611	34.015								
3/25/13 15:40	38.726	38.621	33.951								
3/25/13 16:00	38.712	38.609	33.919								
3/25/13 16:20	38.715	38.609	34.003								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/25/13 16:40	38.715	38.609	34.111								
3/25/13 17:00	38.696	38.595	33.972								
3/25/13 17:20	38.694	38.593	34.083								
3/25/13 17:40	38.689	38.583	34.176								
3/25/13 18:00	38.708	38.609	34.167								
3/25/13 18:20	38.701	38.600	34.052								
3/25/13 18:40	38.698	38.597	34.080								
3/25/13 19:00	38.701	38.593	34.247								
3/25/13 19:20	38.684	38.581	33.989								
3/25/13 19:40	38.678	38.576	33.973								
3/25/13 20:00	38.682	38.581	34.012								
3/25/13 20:20	38.666	38.562	33.935								
3/25/13 20:40	38.673	38.569	34.071								
3/25/13 21:00	38.656	38.551	33.930								
3/25/13 21:20	38.645	38.539	33.897								
3/25/13 21:40	38.640	38.534	33.883								
3/25/13 22:00	38.636	38.529	33.874								
3/25/13 22:20	38.631	38.525	33.867								
3/25/13 22:40	38.624	38.518	33.860								
3/25/13 23:00	38.621	38.515	33.855								
3/25/13 23:20	38.622	38.515	33.853								
3/25/13 23:40	38.624	38.518	33.853								
3/26/13 0:00	38.619	38.513	33.851								
3/26/13 0:20	38.615	38.509	33.846								
3/26/13 0:40	38.612	38.504	33.841								
3/26/13 1:00	38.626	38.518	33.893								
3/26/13 1:20	38.619	38.513	33.860								
3/26/13 1:40	38.614	38.504	33.848								
3/26/13 2:00	38.607	38.502	33.839								
3/26/13 2:20	38.603	38.492	33.829								
3/26/13 2:40	38.596	38.490	33.825								
3/26/13 3:00	38.612	38.504	33.982								
3/26/13 3:20	38.603	38.497	33.855								
3/26/13 3:40	38.591	38.487	33.832								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/26/13 4:00	38.584	38.478	33.815								
3/26/13 4:20	38.577	38.471	33.808								
3/26/13 4:40	38.572	38.464	33.799								
3/26/13 5:00	38.572	38.464	33.794								
3/26/13 5:20	38.565	38.459	33.790								
3/26/13 5:40	38.563	38.455	33.785								
3/26/13 6:00	38.561	38.450	33.783								
3/26/13 6:20	38.561	38.452	33.780								
3/26/13 6:40	38.561	38.450	33.778								
3/26/13 7:00	38.558	38.452	33.778								
3/26/13 7:20	38.563	38.452	33.780								
3/26/13 7:40	38.568	38.459	33.785								
3/26/13 8:00	38.565	38.455	33.782								
3/26/13 8:20	38.568	38.457	33.782								
3/26/13 8:40	38.568	38.459	33.785								
3/26/13 9:00	38.568	38.459	33.783								
3/26/13 9:20	38.570	38.462	33.783								
3/26/13 9:40	38.586	38.480	33.853								
3/26/13 10:00	38.579	38.473	33.811								
3/26/13 10:20	38.598	38.494	33.916								
3/26/13 10:40	38.589	38.480	33.829								
3/26/13 11:00	38.586	38.478	33.808								
3/26/13 11:20	38.579	38.471	33.797								
3/26/13 11:40	38.575	38.464	33.787								
3/26/13 12:00	38.582	38.476	33.829								
3/26/13 12:20	38.575	38.466	33.794								
3/26/13 12:40	38.584	38.478	33.855								
3/26/13 13:00	38.591	38.487	33.937								
3/26/13 13:20	38.589	38.483	34.024								
3/26/13 13:40	38.577	38.471	34.071								
3/26/13 14:00	38.561	38.459	33.825								
3/26/13 14:20	38.540	38.434	33.771								
3/26/13 14:40	38.526	38.420	33.743								
3/26/13 15:00	38.561	38.452	34.015								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/26/13 15:20	38.598	38.499	34.273								
3/26/13 15:40	38.649	38.548	34.582								
3/26/13 16:00	38.654	38.558	34.355								
3/26/13 16:20	38.652	38.562	34.360								
3/26/13 16:40	38.668	38.574	34.301								
3/26/13 17:00	38.649	38.553	34.036								
3/26/13 17:20	38.624	38.527	34.057								
3/26/13 17:40	38.582	38.480	33.867								
3/26/13 18:00	38.591	38.490	34.045								
3/26/13 18:20	38.556	38.457	33.837								
3/26/13 18:40	38.544	38.445	33.853								
3/26/13 19:00	38.540	38.438	33.876								
3/26/13 19:20	38.535	38.436	33.895								
3/26/13 19:40	38.526	38.427	33.853								
3/26/13 20:00	38.500	38.399	33.757								
3/26/13 20:20	38.503	38.401	33.808								
3/26/13 20:40	38.482	38.378	33.726								
3/26/13 21:00	38.470	38.366	33.693								
3/26/13 21:20	38.463	38.357	33.675								
3/26/13 21:40	38.451	38.345	33.658								
3/26/13 22:00	38.444	38.338	33.651								
3/26/13 22:20	38.440	38.333	33.644								
3/26/13 22:40	38.440	38.331	33.639								
3/26/13 23:00	38.435	38.328	33.635								
3/26/13 23:20	38.451	38.342	33.811								
3/26/13 23:40	38.444	38.338	33.665								
3/27/13 0:00	38.437	38.331	33.644								
3/27/13 0:20	38.430	38.324	33.628								
3/27/13 0:40	38.428	38.321	33.623								
3/27/13 1:00	38.421	38.314	33.616								
3/27/13 1:20	38.423	38.314	33.611								
3/27/13 1:40	38.419	38.312	33.609								
3/27/13 2:00	38.412	38.310	33.600								
3/27/13 2:20	38.412	38.303	33.595								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/27/13 2:40	38.405	38.298	33.593								
3/27/13 3:00	38.400	38.296	33.588								
3/27/13 3:20	38.393	38.286	33.576								
3/27/13 3:40	38.388	38.282	33.567								
3/27/13 4:00	38.381	38.272	33.560								
3/27/13 4:20	38.391	38.284	33.609								
3/27/13 4:40	38.384	38.275	33.571								
3/27/13 5:00	38.374	38.265	33.555								
3/27/13 5:20	38.367	38.258	33.543								
3/27/13 5:40	38.363	38.254	33.536								
3/27/13 6:00	38.360	38.254	33.534								
3/27/13 6:20	38.360	38.251	33.529								
3/27/13 6:40	38.358	38.249	33.527								
3/27/13 7:00	38.358	38.249	33.527								
3/27/13 7:20	38.360	38.251	33.527								
3/27/13 7:40	38.363	38.254	33.527								
3/27/13 8:00	38.367	38.258	33.525								
3/27/13 8:20	38.372	38.263	33.529								
3/27/13 8:40	38.374	38.263	33.532								
3/27/13 9:00	38.381	38.270	33.532								
3/27/13 9:20	38.384	38.275	33.532								
3/27/13 9:40	38.384	38.275	33.534								
3/27/13 10:00	38.381	38.272	33.531								
3/27/13 10:20	38.381	38.270	33.529								
3/27/13 10:40	38.384	38.272	33.532								
3/27/13 11:00	38.381	38.272	33.529								
3/27/13 11:20	38.384	38.272	33.527								
3/27/13 11:40	38.386	38.275	33.527								
3/27/13 12:00	38.407	38.298	33.602								
3/27/13 12:20	38.400	38.291	33.553								
3/27/13 12:40	38.414	38.307	33.618								
3/27/13 13:00	38.421	38.312	33.752								
3/27/13 13:20	38.433	38.324	33.785								
3/27/13 13:40	38.435	38.331	33.764								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/27/13 14:00	38.419	38.312	33.616								
3/27/13 14:20	38.407	38.300	33.581								
3/27/13 14:40	38.395	38.289	33.557								
3/27/13 15:00	38.388	38.282	33.543								
3/27/13 15:20	38.381	38.272	33.532								
3/27/13 15:40	38.381	38.270	33.522								
3/27/13 16:00	38.388	38.279	33.518								
3/27/13 16:20	38.381	38.272	33.513								
3/27/13 16:40	38.393	38.286	33.583								
3/27/13 17:00	38.381	38.275	33.539								
3/27/13 17:20	38.398	38.291	33.625								
3/27/13 17:40	38.414	38.307	33.623								
3/27/13 18:00	38.407	38.298	33.569								
3/27/13 18:20	38.409	38.305	33.607								
3/27/13 18:40	38.407	38.298	33.567								
3/27/13 19:00	38.412	38.303	33.555								
3/27/13 19:20	38.444	38.338	33.665								
3/27/13 19:40	38.514	38.410	34.055								
3/27/13 20:00	38.551	38.448	34.064								
3/27/13 20:20	38.565	38.459	34.261								
3/27/13 20:40	38.558	38.459	33.919								
3/27/13 21:00	38.544	38.443	33.851								
3/27/13 21:20	38.521	38.420	33.750								
3/27/13 21:40	38.507	38.401	33.708								
3/27/13 22:00	38.493	38.387	33.684								
3/27/13 22:20	38.496	38.385	33.722								
3/27/13 22:40	38.523	38.417	33.904								
3/27/13 23:00	38.505	38.399	33.726								
3/27/13 23:20	38.510	38.403	33.740								
3/27/13 23:40	38.496	38.389	33.696								
3/28/13 0:00	38.491	38.382	33.675								
3/28/13 0:20	38.498	38.394	33.712								
3/28/13 0:40	38.512	38.406	33.797								
3/28/13 1:00	38.496	38.392	33.705								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/28/13 1:20	38.493	38.385	33.677								
3/28/13 1:40	38.486	38.380	33.663								
3/28/13 2:00	38.479	38.371	33.654								
3/28/13 2:20	38.472	38.366	33.644								
3/28/13 2:40	38.468	38.359	33.639								
3/28/13 3:00	38.465	38.357	33.632								
3/28/13 3:20	38.465	38.357	33.632								
3/28/13 3:40	38.458	38.349	33.625								
3/28/13 4:00	38.449	38.340	33.618								
3/28/13 4:20	38.449	38.340	33.614								
3/28/13 4:40	38.442	38.333	33.607								
3/28/13 5:00	38.437	38.328	33.597								
3/28/13 5:20	38.435	38.324	33.593								
3/28/13 5:40	38.428	38.319	33.590								
3/28/13 6:00	38.428	38.317	33.588								
3/28/13 6:20	38.426	38.319	33.588								
3/28/13 6:40	38.423	38.314	33.583								
3/28/13 7:00	38.421	38.312	33.583								
3/28/13 7:20	38.423	38.312	33.581								
3/28/13 7:40	38.433	38.321	33.583								
3/28/13 8:00	38.447	38.335	33.586								
3/28/13 8:20	38.444	38.335	33.588								
3/28/13 8:40	38.442	38.333	33.588								
3/28/13 9:00	38.442	38.331	33.590								
3/28/13 9:20	38.440	38.331	33.590								
3/28/13 9:40	38.458	38.352	33.670								
3/28/13 10:00	38.456	38.347	33.623								
3/28/13 10:20	38.458	38.349	33.614								
3/28/13 10:40	38.454	38.345	33.611								
3/28/13 11:00	38.454	38.342	33.607								
3/28/13 11:20	38.482	38.375	33.724								
3/28/13 11:40	38.491	38.385	33.721								
3/28/13 12:00	38.512	38.406	33.973								
3/28/13 12:20	38.498	38.392	33.715								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/28/13 12:40	38.507	38.403	33.752								
3/28/13 13:00	38.507	38.403	33.806								
3/28/13 13:20	38.491	38.385	33.684								
3/28/13 13:40	38.475	38.368	33.649								
3/28/13 14:00	38.465	38.359	33.628								
3/28/13 14:20	38.475	38.368	33.696								
3/28/13 14:40	38.477	38.373	33.705								
3/28/13 15:00	38.458	38.352	33.637								
3/28/13 15:20	38.442	38.336	33.607								
3/28/13 15:40	38.428	38.321	33.585								
3/28/13 16:00	38.416	38.307	33.567								
3/28/13 16:20	38.433	38.324	33.710								
3/28/13 16:40	38.419	38.310	33.579								
3/28/13 17:00	38.402	38.296	33.553								
3/28/13 17:20	38.409	38.300	33.595								
3/28/13 17:40	38.419	38.314	33.639								
3/28/13 18:00	38.398	38.293	33.578								
3/28/13 18:20	38.416	38.312	33.738								
3/28/13 18:40	38.409	38.298	33.684								
3/28/13 19:00	38.407	38.300	33.614								
3/28/13 19:20	38.393	38.286	33.574								
3/28/13 19:40	38.428	38.324	33.778								
3/28/13 20:00	38.454	38.345	33.886								
3/28/13 20:20	38.498	38.396	34.045								
3/28/13 20:40	38.484	38.387	33.834								
3/28/13 21:00	38.526	38.417	34.298								
3/28/13 21:20	38.503	38.401	33.808								
3/28/13 21:40	38.479	38.375	33.717								
3/28/13 22:00	38.484	38.380	33.757								
3/28/13 22:20	38.470	38.364	33.684								
3/28/13 22:40	38.461	38.352	33.656								
3/28/13 23:00	38.454	38.347	33.639								
3/28/13 23:20	38.468	38.361	33.715								
3/28/13 23:40	38.456	38.349	33.651								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/29/13 0:00	38.451	38.342	33.632								
3/29/13 0:20	38.444	38.338	33.618								
3/29/13 0:40	38.442	38.335	33.614								
3/29/13 1:00	38.442	38.333	33.607								
3/29/13 1:20	38.440	38.331	33.604								
3/29/13 1:40	38.437	38.328	33.600								
3/29/13 2:00	38.433	38.324	33.595								
3/29/13 2:20	38.430	38.321	33.590								
3/29/13 2:40	38.430	38.319	33.588								
3/29/13 3:00	38.426	38.317	33.583								
3/29/13 3:20	38.423	38.314	33.579								
3/29/13 3:40	38.419	38.310	33.574								
3/29/13 4:00	38.412	38.303	33.564								
3/29/13 4:20	38.407	38.298	33.560								
3/29/13 4:40	38.407	38.296	33.555								
3/29/13 5:00	38.400	38.291	33.550								
3/29/13 5:20	38.395	38.286	33.546								
3/29/13 5:40	38.393	38.284	33.539								
3/29/13 6:00	38.391	38.282	33.539								
3/29/13 6:20	38.391	38.279	33.536								
3/29/13 6:40	38.393	38.284	33.543								
3/29/13 7:00	38.400	38.289	33.546								
3/29/13 7:20	38.398	38.286	33.548								
3/29/13 7:40	38.400	38.289	33.550								
3/29/13 8:00	38.400	38.291	33.550								
3/29/13 8:20	38.409	38.298	33.557								
3/29/13 8:40	38.412	38.303	33.560								
3/29/13 9:00	38.412	38.300	33.562								
3/29/13 9:20	38.414	38.303	33.562								
3/29/13 9:40	38.416	38.307	33.562								
3/29/13 10:00	38.419	38.307	33.564								
3/29/13 10:20	38.419	38.307	33.560								
3/29/13 10:40	38.419	38.310	33.560								
3/29/13 11:00	38.461	38.354	33.787								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/29/13 11:20	38.449	38.343	33.635								
3/29/13 11:40	38.442	38.333	33.602								
3/29/13 12:00	38.472	38.364	33.881								
3/29/13 12:20	38.528	38.424	34.092								
3/29/13 12:40	38.496	38.394	33.747								
3/29/13 13:00	38.493	38.389	33.860								
3/29/13 13:20	38.475	38.366	33.675								
3/29/13 13:40	38.472	38.366	33.693								
3/29/13 14:00	38.449	38.345	33.632								
3/29/13 14:20	38.456	38.349	33.672								
3/29/13 14:40	38.437	38.333	33.604								
3/29/13 15:00	38.435	38.322	33.731								
3/29/13 15:20	38.426	38.319	33.607								
3/29/13 15:40	38.409	38.303	33.569								
3/29/13 16:00	38.409	38.298	33.548								
3/29/13 16:20	38.426	38.314	33.531								
3/29/13 16:40	38.440	38.328	33.522								
3/29/13 17:00	38.447	38.335	33.517								
3/29/13 17:20	38.430	38.321	33.510								
3/29/13 17:40	38.416	38.307	33.506								
3/29/13 18:00	38.402	38.296	33.499								
3/29/13 18:20	38.423	38.364	33.489								
3/29/13 18:40	38.398	38.345	33.482								
3/29/13 19:00	38.395	38.286	33.747								
3/29/13 19:20	38.461	38.361	34.024								
3/29/13 19:40	38.523	38.427	34.282								
3/29/13 20:00	38.596	38.497	34.732								
3/29/13 20:20	38.582	38.492	34.177								
3/29/13 20:40	38.570	38.476	34.111								
3/29/13 21:00	38.570	38.480	34.092								
3/29/13 21:20	38.542	38.445	33.907								
3/29/13 21:40	38.500	38.401	33.759								
3/29/13 22:00	38.472	38.371	33.684								
3/29/13 22:20	38.498	38.401	33.768								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/29/13 22:40	38.482	38.387	33.754								
3/29/13 23:00	38.468	38.364	33.860								
3/29/13 23:20	38.512	38.506	33.656								
3/29/13 23:40	38.503	38.410	33.618								
3/30/13 0:00	38.454	38.347	33.874								
3/30/13 0:20	38.442	38.338	33.642								
3/30/13 0:40	38.437	38.331	33.780								
3/30/13 1:00	38.416	38.312	33.611								
3/30/13 1:20	38.402	38.296	33.574								
3/30/13 1:40	38.407	38.312	33.560								
3/30/13 2:00	38.419	38.364	33.513								
3/30/13 2:20	38.430	38.408	33.499								
3/30/13 2:40	38.363	38.263	33.487								
3/30/13 3:00	38.342	38.235	33.473								
3/30/13 3:20	38.323	38.221	33.461								
3/30/13 3:40	38.309	38.202	33.445								
3/30/13 4:00	38.300	38.193	33.433								
3/30/13 4:20	38.293	38.184	33.424								
3/30/13 4:40	38.290	38.179	33.421								
3/30/13 5:00	38.288	38.174	33.419								
3/30/13 5:20	38.286	38.177	33.421								
3/30/13 5:40	38.283	38.174	33.417								
3/30/13 6:00	38.281	38.170	33.412								
3/30/13 6:20	38.276	38.167	33.405								
3/30/13 6:40	38.274	38.163	33.402								
3/30/13 7:00	38.274	38.163	33.400								
3/30/13 7:20	38.274	38.165	33.398								
3/30/13 7:40	38.274	38.165	33.398								
3/30/13 8:00	38.274	38.165	33.398								
3/30/13 8:20	38.276	38.165	33.393								
3/30/13 8:40	38.281	38.172	33.391								
3/30/13 9:00	38.283	38.174	33.391								
3/30/13 9:20	38.281	38.177	33.388								
3/30/13 9:40	38.288	38.179	33.389								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/30/13 10:00	38.290	38.184	33.393								
3/30/13 10:20	38.295	38.188	33.400								
3/30/13 10:40	38.428	38.279	33.403								
3/30/13 11:00	38.423	38.254	33.675								
3/30/13 11:20	38.372	38.272	33.607								
3/30/13 11:40	38.416	38.354	33.546								
3/30/13 12:00	38.435	38.335	33.968								
3/30/13 12:20	38.440	38.352	33.731								
3/30/13 12:40	38.409	38.312	33.600								
3/30/13 13:00	38.395	38.291	33.546								
3/30/13 13:20	38.493	38.553	33.518								
3/30/13 13:40	38.470	38.504	33.501								
3/30/13 14:00	38.400	38.310	33.492								
3/30/13 14:20	38.582	38.485	33.801								
3/30/13 14:40	38.423	38.317	33.696								
3/30/13 15:00	38.426	38.324	33.764								
3/30/13 15:20	38.393	38.291	33.571								
3/30/13 15:40	38.426	38.317	33.921								
3/30/13 16:00	38.479	38.375	34.132								
3/30/13 16:20	38.468	38.371	33.797								
3/30/13 16:40	38.477	38.378	33.942								
3/30/13 17:00	38.503	38.408	33.977								
3/30/13 17:20	38.477	38.375	33.987								
3/30/13 17:40	38.442	38.342	33.672								
3/30/13 18:00	38.426	38.328	33.597								
3/30/13 18:20	38.395	38.291	33.555								
3/30/13 18:40	38.405	38.296	33.813								
3/30/13 19:00	38.428	38.326	33.766								
3/30/13 19:20	38.449	38.345	34.064								
3/30/13 19:40	38.458	38.361	33.797								
3/30/13 20:00	38.489	38.387	34.092								
3/30/13 20:20	38.456	38.352	33.834								
3/30/13 20:40	38.430	38.331	33.682								
3/30/13 21:00	38.416	38.312	33.609								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/30/13 21:20	38.419	38.310	33.581								
3/30/13 21:40	38.407	38.300	33.564								
3/30/13 22:00	38.400	38.296	33.555								
3/30/13 22:20	38.398	38.293	33.550								
3/30/13 22:40	38.405	38.296	33.553								
3/30/13 23:00	38.766	38.822	33.569								
3/30/13 23:20	38.743	38.744	33.590								
3/30/13 23:40	38.719	38.787	33.611								
3/31/13 0:00	38.547	38.473	33.611								
3/31/13 0:20	38.521	38.431	33.616								
3/31/13 0:40	38.498	38.387	33.611								
3/31/13 1:00	38.484	38.375	33.609								
3/31/13 1:20	38.470	38.361	33.600								
3/31/13 1:40	38.454	38.347	33.588								
3/31/13 2:00	38.451	38.338	33.583								
3/31/13 2:20	38.442	38.331	33.579								
3/31/13 2:40	38.440	38.326	33.574								
3/31/13 3:00	38.437	38.324	33.571								
3/31/13 3:20	38.430	38.319	33.567								
3/31/13 3:40	38.426	38.317	33.560								
3/31/13 4:00	38.419	38.307	33.553								
3/31/13 4:20	38.414	38.303	33.548								
3/31/13 4:40	38.412	38.300	33.546								
3/31/13 5:00	38.409	38.298	33.541								
3/31/13 5:20	38.405	38.293	33.539								
3/31/13 5:40	38.402	38.291	33.536								
3/31/13 6:00	38.400	38.286	33.534								
3/31/13 6:20	38.398	38.284	33.534								
3/31/13 6:40	38.395	38.284	33.529								
3/31/13 7:00	38.395	38.284	33.527								
3/31/13 7:20	38.393	38.279	33.527								
3/31/13 7:40	38.393	38.282	33.527								
3/31/13 8:00	38.393	38.282	33.527								
3/31/13 8:20	38.395	38.284	33.527								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/31/13 8:40	38.393	38.286	33.527								
3/31/13 9:00	38.400	38.293	33.532								
3/31/13 9:20	38.412	38.319	33.529								
3/31/13 9:40	38.510	38.499	33.529								
3/31/13 10:00	38.486	38.434	33.536								
3/31/13 10:20	38.440	38.335	33.539								
3/31/13 10:40	38.430	38.324	33.541								
3/31/13 11:00	38.426	38.317	33.539								
3/31/13 11:20	38.426	38.312	33.539								
3/31/13 11:40	38.423	38.312	33.539								
3/31/13 12:00	38.419	38.310	33.536								
3/31/13 12:20	38.435	38.324	33.637								
3/31/13 12:40	38.428	38.319	33.569								
3/31/13 13:00	38.421	38.312	33.553								
3/31/13 13:20	38.416	38.305	33.543								
3/31/13 13:40	38.412	38.303	33.534								
3/31/13 14:00	38.409	38.298	33.527								
3/31/13 14:20	38.407	38.296	33.518								
3/31/13 14:40	38.398	38.286	33.513								
3/31/13 15:00	38.391	38.279	33.503								
3/31/13 15:20	38.381	38.272	33.494								
3/31/13 15:40	38.374	38.263	33.485								
3/31/13 16:00	38.405	38.293	33.536								
3/31/13 16:20	38.400	38.291	33.496								
3/31/13 16:40	38.386	38.277	33.482								
3/31/13 17:00	38.370	38.261	33.470								
3/31/13 17:20	38.358	38.249	33.459								
3/31/13 17:40	38.349	38.240	33.452								
3/31/13 18:00	38.384	38.277	33.625								
3/31/13 18:20	38.393	38.284	33.862								
3/31/13 18:40	38.430	38.326	33.975								
3/31/13 19:00	38.456	38.349	33.937								
3/31/13 19:20	38.454	38.349	33.700								
3/31/13 19:40	38.440	38.335	33.646								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/31/13 20:00	38.409	38.305	33.571								
3/31/13 20:20	38.400	38.296	33.595								
3/31/13 20:40	38.374	38.270	33.529								
3/31/13 21:00	38.360	38.251	33.496								
3/31/13 21:20	38.344	38.237	33.478								
3/31/13 21:40	38.356	38.249	33.574								
3/31/13 22:00	38.372	38.261	33.865								
3/31/13 22:20	38.391	38.284	33.752								
3/31/13 22:40	38.409	38.307	33.808								
3/31/13 23:00	38.402	38.296	33.869								
3/31/13 23:20	38.402	38.301	33.726								
3/31/13 23:40	38.377	38.272	33.576								
4/1/13 0:00	38.386	38.282	33.668								
4/1/13 0:20	38.414	38.305	33.768								
4/1/13 0:40	38.402	38.298	33.597								
4/1/13 1:00	38.400	38.291	33.574								
4/1/13 1:20	38.423	38.314	33.665								
4/1/13 1:40	38.442	38.333	33.693								
4/1/13 2:00	38.437	38.328	33.621								
4/1/13 2:20	38.442	38.333	33.609								
4/1/13 2:40	38.447	38.338	33.607								
4/1/13 3:00	38.449	38.338	33.607								
4/1/13 3:20	38.461	38.352	33.614								
4/1/13 3:40	38.468	38.357	33.618								
4/1/13 4:00	38.475	38.364	33.625								
4/1/13 4:20	38.479	38.371	33.630								
4/1/13 4:40	38.507	38.399	33.801								
4/1/13 5:00	38.510	38.401	33.686								
4/1/13 5:20	38.512	38.403	33.675								
4/1/13 5:40	38.519	38.406	33.677								
4/1/13 6:00	38.519	38.408	33.675								
4/1/13 6:20	38.521	38.413	33.679								
4/1/13 6:40	38.533	38.420	33.684								
4/1/13 7:00	38.540	38.429	33.693								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/1/13 7:20	38.542	38.431	33.698								
4/1/13 7:40	38.547	38.434	33.700								
4/1/13 8:00	38.554	38.443	33.705								
4/1/13 8:20	38.561	38.448	33.733								
4/1/13 8:40	38.579	38.469	33.773								
4/1/13 9:00	38.579	38.471	33.750								
4/1/13 9:20	38.584	38.471	33.750								
4/1/13 9:40	38.598	38.490	33.794								
4/1/13 10:00	38.605	38.494	33.768								
4/1/13 10:20	38.607	38.497	33.761								
4/1/13 10:40	38.607	38.494	33.754								
4/1/13 11:00	38.603	38.490	33.752								
4/1/13 11:20	38.600	38.490	33.752								
4/1/13 11:40	38.598	38.487	33.750								
4/1/13 12:00	38.598	38.487	33.750								
4/1/13 12:20	38.621	38.511	33.827								
4/1/13 12:40	38.614	38.504	33.787								
4/1/13 13:00	38.607	38.497	33.771								
4/1/13 13:20	38.603	38.490	33.759								
4/1/13 13:40	38.614	38.508	33.862								
4/1/13 14:00	38.603	38.494	33.780								
4/1/13 14:20	38.589	38.480	33.757								
4/1/13 14:40	38.582	38.471	33.738								
4/1/13 15:00	38.575	38.466	33.724								
4/1/13 15:20	38.568	38.459	33.714								
4/1/13 15:40	38.556	38.448	33.705								
4/1/13 16:00	38.549	38.438	33.696								
4/1/13 16:20	38.556	38.445	33.867								
4/1/13 16:40	38.547	38.436	33.721								
4/1/13 17:00	38.535	38.424	33.693								
4/1/13 17:20	38.547	38.438	33.775								
4/1/13 17:40	38.530	38.422	33.708								
4/1/13 18:00	38.521	38.413	33.686								
4/1/13 18:20	38.535	38.429	33.815								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/1/13 18:40	38.521	38.415	33.708								
4/1/13 19:00	38.512	38.403	33.682								
4/1/13 19:20	38.528	38.422	33.799								
4/1/13 19:40	38.533	38.427	33.825								
4/1/13 20:00	38.610	38.504	34.216								
4/1/13 20:20	38.631	38.532	34.139								
4/1/13 20:40	38.631	38.532	34.087								
4/1/13 21:00	38.600	38.497	33.883								
4/1/13 21:20	38.600	38.499	33.905								
4/1/13 21:40	38.586	38.480	33.820								
4/1/13 22:00	38.572	38.469	33.794								
4/1/13 22:20	38.561	38.452	33.768								
4/1/13 22:40	38.551	38.445	33.752								
4/1/13 23:00	38.568	38.459	33.883								
4/1/13 23:20	38.551	38.445	33.768								
4/1/13 23:40	38.542	38.434	33.743								
4/2/13 0:00	38.530	38.424	33.721								
4/2/13 0:20	38.526	38.417	33.710								
4/2/13 0:40	38.530	38.417	33.883								
4/2/13 1:00	38.537	38.431	33.754								
4/2/13 1:20	38.530	38.422	33.726								
4/2/13 1:40	38.526	38.417	33.715								
4/2/13 2:00	38.542	38.436	33.841								
4/2/13 2:20	38.528	38.420	33.740								
4/2/13 2:40	38.526	38.415	33.715								
4/2/13 3:00	38.549	38.441	33.775								
4/2/13 3:20	38.540	38.431	33.743								
4/2/13 3:40	38.533	38.422	33.724								
4/2/13 4:00	38.523	38.415	33.712								
4/2/13 4:20	38.516	38.410	33.703								
4/2/13 4:40	38.514	38.406	33.691								
4/2/13 5:00	38.514	38.406	33.689								
4/2/13 5:20	38.503	38.394	33.677								
4/2/13 5:40	38.503	38.394	33.675								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/2/13 6:00	38.498	38.389	33.670								
4/2/13 6:20	38.498	38.392	33.670								
4/2/13 6:40	38.498	38.392	33.670								
4/2/13 7:00	38.500	38.389	33.668								
4/2/13 7:20	38.498	38.389	33.668								
4/2/13 7:40	38.498	38.387	33.665								
4/2/13 8:00	38.507	38.396	33.675								
4/2/13 8:20	38.528	38.422	33.745								
4/2/13 8:40	38.521	38.413	33.712								
4/2/13 9:00	38.516	38.408	33.700								
4/2/13 9:20	38.516	38.408	33.693								
4/2/13 9:40	38.516	38.408	33.689								
4/2/13 10:00	38.516	38.406	33.686								
4/2/13 10:20	38.514	38.403	33.684								
4/2/13 10:40	38.530	38.420	33.815								
4/2/13 11:00	38.528	38.422	33.719								
4/2/13 11:20	38.528	38.420	33.700								
4/2/13 11:40	38.526	38.417	33.693								
4/2/13 12:00	38.570	38.464	33.984								
4/2/13 12:20	38.579	38.476	33.928								
4/2/13 12:40	38.565	38.457	33.787								
4/2/13 13:00	38.584	38.480	33.994								
4/2/13 13:20	38.568	38.462	33.792								
4/2/13 13:40	38.558	38.452	33.750								
4/2/13 14:00	38.551	38.443	33.724								
4/2/13 14:20	38.540	38.431	33.710								
4/2/13 14:40	38.528	38.417	33.693								
4/2/13 15:00	38.519	38.410	33.682								
4/2/13 15:20	38.510	38.401	33.670								
4/2/13 15:40	38.503	38.394	33.660								
4/2/13 16:00	38.496	38.385	33.651								
4/2/13 16:20	38.505	38.399	33.729								
4/2/13 16:40	38.505	38.389	33.818								
4/2/13 17:00	38.530	38.420	33.703								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/2/13 17:20	38.528	38.420	33.668								
4/2/13 17:40	38.549	38.438	33.865								
4/2/13 18:00	38.540	38.434	33.757								
4/2/13 18:20	38.516	38.408	33.696								
4/2/13 18:40	38.523	38.415	33.790								
4/2/13 19:00	38.507	38.401	33.693								
4/2/13 19:20	38.493	38.387	33.668								
4/2/13 19:40	38.482	38.373	33.651								
4/2/13 20:00	38.512	38.399	34.043								
4/2/13 20:20	38.544	38.438	34.029								
4/2/13 20:40	38.565	38.464	33.944								
4/2/13 21:00	38.549	38.448	33.844								
4/2/13 21:20	38.544	38.443	33.843								
4/2/13 21:40	38.544	38.441	33.886								
4/2/13 22:00	38.526	38.420	33.754								
4/2/13 22:20	38.533	38.422	34.015								
4/2/13 22:40	38.526	38.417	33.757								
4/2/13 23:00	38.526	38.422	33.768								
4/2/13 23:20	38.514	38.410	33.724								
4/2/13 23:40	38.526	38.420	33.811								
4/3/13 0:00	38.514	38.406	33.726								
4/3/13 0:20	38.526	38.422	33.806								
4/3/13 0:40	38.516	38.410	33.731								
4/3/13 1:00	38.510	38.399	33.705								
4/3/13 1:20	38.505	38.396	33.691								
4/3/13 1:40	38.500	38.392	33.682								
4/3/13 2:00	38.514	38.408	33.743								
4/3/13 2:20	38.505	38.399	33.703								
4/3/13 2:40	38.500	38.392	33.686								
4/3/13 3:00	38.496	38.387	33.677								
4/3/13 3:20	38.491	38.382	33.668								
4/3/13 3:40	38.486	38.378	33.658								
4/3/13 4:00	38.479	38.371	33.651								
4/3/13 4:20	38.477	38.371	33.646								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/3/13 4:40	38.479	38.368	33.644								
4/3/13 5:00	38.482	38.371	33.646								
4/3/13 5:20	38.482	38.373	33.649								
4/3/13 5:40	38.482	38.371	33.649								
4/3/13 6:00	38.479	38.371	33.644								
4/3/13 6:20	38.479	38.368	33.644								
4/3/13 6:40	38.484	38.373	33.646								
4/3/13 7:00	38.489	38.380	33.649								
4/3/13 7:20	38.489	38.378	33.649								
4/3/13 7:40	38.498	38.385	33.656								
4/3/13 8:00	38.498	38.389	33.658								
4/3/13 8:20	38.503	38.392	33.660								
4/3/13 8:40	38.507	38.396	33.665								
4/3/13 9:00	38.516	38.403	33.668								
4/3/13 9:20	38.521	38.410	33.672								
4/3/13 9:40	38.521	38.410	33.675								
4/3/13 10:00	38.523	38.415	33.679								
4/3/13 10:20	38.526	38.413	33.679								
4/3/13 10:40	38.526	38.415	33.682								
4/3/13 11:00	38.526	38.415	33.682								
4/3/13 11:20	38.526	38.415	33.684								
4/3/13 11:40	38.526	38.415	33.679								
4/3/13 12:00	38.521	38.410	33.679								
4/3/13 12:20	38.521	38.410	33.677								
4/3/13 12:40	38.521	38.410	33.675								
4/3/13 13:00	38.533	38.417	33.921								
4/3/13 13:20	38.530	38.422	33.719								
4/3/13 13:40	38.540	38.434	33.750								
4/3/13 14:00	38.530	38.420	33.705								
4/3/13 14:20	38.521	38.413	33.686								
4/3/13 14:40	38.516	38.406	33.672								
4/3/13 15:00	38.514	38.403	33.665								
4/3/13 15:20	38.510	38.396	33.660								
4/3/13 15:40	38.521	38.413	33.729								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/3/13 16:00	38.510	38.401	33.677								
4/3/13 16:20	38.516	38.406	33.876								
4/3/13 16:40	38.551	38.434	33.947								
4/3/13 17:00	38.565	38.457	33.721								
4/3/13 17:20	38.568	38.462	33.768								
4/3/13 17:40	38.565	38.459	33.790								
4/3/13 18:00	38.542	38.436	33.710								
4/3/13 18:20	38.549	38.441	33.918								
4/3/13 18:40	38.533	38.427	33.717								
4/3/13 19:00	38.544	38.441	33.789								
4/3/13 19:20	38.572	38.464	34.080								
4/3/13 19:40	38.565	38.462	33.853								
4/3/13 20:00	38.561	38.457	33.865								
4/3/13 20:20	38.537	38.431	33.750								
4/3/13 20:40	38.558	38.448	34.050								
4/3/13 21:00	38.584	38.476	34.167								
4/3/13 21:20	38.561	38.457	33.822								
4/3/13 21:40	38.544	38.436	33.759								
4/3/13 22:00	38.530	38.424	33.731								
4/3/13 22:20	38.521	38.415	33.710								
4/3/13 22:40	38.512	38.406	33.693								
4/3/13 23:00	38.505	38.396	33.679								
4/3/13 23:20	38.516	38.410	33.820								
4/3/13 23:40	38.505	38.399	33.703								
4/4/13 0:00	38.498	38.387	33.679								
4/4/13 0:20	38.486	38.378	33.660								
4/4/13 0:40	38.477	38.368	33.646								
4/4/13 1:00	38.489	38.380	33.813								
4/4/13 1:20	38.477	38.368	33.668								
4/4/13 1:40	38.463	38.354	33.639								
4/4/13 2:00	38.458	38.349	33.623								
4/4/13 2:20	38.454	38.345	33.616								
4/4/13 2:40	38.449	38.340	33.609								
4/4/13 3:00	38.461	38.357	33.679								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/4/13 3:20	38.451	38.342	33.630								
4/4/13 3:40	38.456	38.349	33.663								
4/4/13 4:00	38.451	38.342	33.625								
4/4/13 4:20	38.442	38.333	33.607								
4/4/13 4:40	38.435	38.326	33.597								
4/4/13 5:00	38.430	38.321	33.590								
4/4/13 5:20	38.426	38.317	33.583								
4/4/13 5:40	38.426	38.314	33.579								
4/4/13 6:00	38.426	38.314	33.576								
4/4/13 6:20	38.423	38.314	33.574								
4/4/13 6:40	38.423	38.314	33.574								
4/4/13 7:00	38.421	38.310	33.571								
4/4/13 7:20	38.423	38.312	33.569								
4/4/13 7:40	38.437	38.326	33.822								
4/4/13 8:00	38.440	38.331	33.614								
4/4/13 8:20	38.437	38.326	33.593								
4/4/13 8:40	38.433	38.326	33.585								
4/4/13 9:00	38.428	38.319	33.579								
4/4/13 9:20	38.426	38.314	33.567								
4/4/13 9:40	38.426	38.317	33.564								
4/4/13 10:00	38.430	38.319	33.560								
4/4/13 10:20	38.428	38.319	33.557								
4/4/13 10:40	38.428	38.319	33.557								
4/4/13 11:00	38.463	38.347	33.918								
4/4/13 11:20	38.470	38.366	33.717								
4/4/13 11:40	38.482	38.378	33.771								
4/4/13 12:00	38.528	38.420	34.174								
4/4/13 12:20	38.523	38.415	34.120								
4/4/13 12:40	38.519	38.420	33.829								
4/4/13 13:00	38.489	38.385	33.705								
4/4/13 13:20	38.468	38.364	33.651								
4/4/13 13:40	38.475	38.373	33.743								
4/4/13 14:00	38.456	38.349	33.637								
4/4/13 14:20	38.458	38.349	33.778								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/4/13 14:40	38.440	38.333	33.616								
4/4/13 15:00	38.423	38.314	33.581								
4/4/13 15:20	38.451	38.347	33.787								
4/4/13 15:40	38.465	38.364	33.862								
4/4/13 16:00	38.465	38.366	33.764								
4/4/13 16:20	38.470	38.368	33.937								
4/4/13 16:40	38.447	38.342	33.670								
4/4/13 17:00	38.447	38.342	33.670								
4/4/13 17:20	38.449	38.345	33.677								
4/4/13 17:40	38.456	38.352	33.747								
4/4/13 18:00	38.454	38.349	33.750								
4/4/13 18:20	38.470	38.364	34.001								
4/4/13 18:40	38.484	38.385	33.865								
4/4/13 19:00	38.482	38.378	33.766								
4/4/13 19:20	38.475	38.373	33.719								
4/4/13 19:40	38.472	38.368	33.721								
4/4/13 20:00	38.477	38.373	33.813								
4/4/13 20:20	38.451	38.347	33.654								
4/4/13 20:40	38.458	38.352	33.759								
4/4/13 21:00	38.440	38.333	33.632								
4/4/13 21:20	38.447	38.340	33.668								
4/4/13 21:40	38.435	38.328	33.614								
4/4/13 22:00	38.423	38.317	33.592								
4/4/13 22:20	38.416	38.307	33.576								
4/4/13 22:40	38.409	38.303	33.567								
4/4/13 23:00	38.405	38.296	33.557								
4/4/13 23:20	38.402	38.293	33.550								
4/4/13 23:40	38.395	38.289	33.546								
4/5/13 0:00	38.395	38.284	33.539								
4/5/13 0:20	38.393	38.284	33.536								
4/5/13 0:40	38.393	38.284	33.534								
4/5/13 1:00	38.388	38.279	33.529								
4/5/13 1:20	38.386	38.275	33.524								
4/5/13 1:40	38.381	38.270	33.520								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/5/13 2:00	38.374	38.265	33.513								
4/5/13 2:20	38.377	38.265	33.508								
4/5/13 2:40	38.372	38.261	33.503								
4/5/13 3:00	38.363	38.254	33.496								
4/5/13 3:20	38.363	38.251	33.494								
4/5/13 3:40	38.365	38.254	33.494								
4/5/13 4:00	38.365	38.256	33.494								
4/5/13 4:20	38.367	38.254	33.492								
4/5/13 4:40	38.365	38.254	33.494								
4/5/13 5:00	38.365	38.256	33.494								
4/5/13 5:20	38.379	38.265	33.700								
4/5/13 5:40	38.379	38.268	33.529								
4/5/13 6:00	38.374	38.263	33.508								
4/5/13 6:20	38.374	38.263	33.501								
4/5/13 6:40	38.370	38.261	33.496								
4/5/13 7:00	38.367	38.258	33.492								
4/5/13 7:20	38.367	38.256	33.487								
4/5/13 7:40	38.367	38.256	33.487								
4/5/13 8:00	38.372	38.263	33.492								
4/5/13 8:20	38.372	38.261	33.489								
4/5/13 8:40	38.365	38.256	33.482								
4/5/13 9:00	38.365	38.254	33.478								
4/5/13 9:20	38.367	38.254	33.470								
4/5/13 9:40	38.367	38.256	33.473								
4/5/13 10:00	38.365	38.256	33.470								
4/5/13 10:20	38.360	38.249	33.463								
4/5/13 10:40	38.372	38.263	33.520								
4/5/13 11:00	38.365	38.256	33.482								
4/5/13 11:20	38.421	38.387	33.463								
4/5/13 11:40	38.482	38.443	33.454								
4/5/13 12:00	38.628	38.663	33.447								
4/5/13 12:20	38.496	38.462	33.628								
4/5/13 12:40	38.647	38.628	33.487								
4/5/13 13:00	38.643	38.672	33.464								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/5/13 13:20	38.444	38.352	33.447								
4/5/13 13:40	38.379	38.275	33.435								
4/5/13 14:00	38.342	38.237	33.407								
4/5/13 14:20	38.316	38.209	33.388								
4/5/13 14:40	38.293	38.184	33.367								
4/5/13 15:00	38.272	38.163	33.346								
4/5/13 15:20	38.251	38.144	33.328								
4/5/13 15:40	38.237	38.127	33.311								
4/5/13 16:00	38.223	38.116	33.297								
4/5/13 16:20	38.227	38.123	33.367								
4/5/13 16:40	38.216	38.104	33.306								
4/5/13 17:00	38.204	38.095	33.285								
4/5/13 17:20	38.192	38.081	33.269								
4/5/13 17:40	38.183	38.071	33.255								
4/5/13 18:00	38.176	38.067	33.248								
4/5/13 18:20	38.185	38.076	33.417								
4/5/13 18:40	38.181	38.069	33.269								
4/5/13 19:00	38.174	38.062	33.245								
4/5/13 19:20	38.162	38.050	33.229								
4/5/13 19:40	38.178	38.071	33.400								
4/5/13 20:00	38.185	38.076	33.360								
4/5/13 20:20	38.239	38.134	33.773								
4/5/13 20:40	38.260	38.158	33.590								
4/5/13 21:00	38.248	38.146	33.461								
4/5/13 21:20	38.237	38.137	33.414								
4/5/13 21:40	38.251	38.148	33.539								
4/5/13 22:00	38.276	38.179	33.578								
4/5/13 22:20	38.286	38.179	33.844								
4/5/13 22:40	38.325	38.226	33.949								
4/5/13 23:00	38.321	38.221	33.740								
4/5/13 23:20	38.318	38.219	33.747								
4/5/13 23:40	38.288	38.188	33.522								
4/6/13 0:00	38.267	38.163	33.583								
4/6/13 0:20	38.258	38.158	33.485								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/6/13 0:40	38.248	38.148	33.454								
4/6/13 1:00	38.223	38.118	33.358								
4/6/13 1:20	38.220	38.118	33.454								
4/6/13 1:40	38.209	38.099	33.332								
4/6/13 2:00	38.181	38.076	33.288								
4/6/13 2:20	38.195	38.088	33.433								
4/6/13 2:40	38.197	38.097	33.440								
4/6/13 3:00	38.178	38.067	33.295								
4/6/13 3:20	38.174	38.069	33.417								
4/6/13 3:40	38.162	38.053	33.269								
4/6/13 4:00	38.157	38.050	33.245								
4/6/13 4:20	38.157	38.046	33.278								
4/6/13 4:40	38.157	38.050	33.285								
4/6/13 5:00	38.146	38.039	33.234								
4/6/13 5:20	38.136	38.027	33.212								
4/6/13 5:40	38.129	38.020	33.196								
4/6/13 6:00	38.122	38.013	33.184								
4/6/13 6:20	38.125	38.015	33.182								
4/6/13 6:40	38.129	38.018	33.184								
4/6/13 7:00	38.134	38.020	33.187								
4/6/13 7:20	38.139	38.027	33.189								
4/6/13 7:40	38.143	38.032	33.196								
4/6/13 8:00	38.155	38.043	33.206								
4/6/13 8:20	38.164	38.055	33.215								
4/6/13 8:40	38.171	38.060	33.222								
4/6/13 9:00	38.181	38.067	33.231								
4/6/13 9:20	38.192	38.081	33.241								
4/6/13 9:40	38.206	38.095	33.248								
4/6/13 10:00	38.213	38.104	33.255								
4/6/13 10:20	38.220	38.106	33.259								
4/6/13 10:40	38.230	38.116	33.267								
4/6/13 11:00	38.234	38.125	33.271								
4/6/13 11:20	38.279	38.170	33.492								
4/6/13 11:40	38.330	38.221	33.506								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/6/13 12:00	38.311	38.202	33.395								
4/6/13 12:20	38.302	38.191	33.356								
4/6/13 12:40	38.295	38.184	33.339								
4/6/13 13:00	38.290	38.177	33.410								
4/6/13 13:20	38.339	38.223	33.839								
4/6/13 13:40	38.360	38.256	33.752								
4/6/13 14:00	38.342	38.233	33.703								
4/6/13 14:20	38.346	38.240	33.611								
4/6/13 14:40	38.367	38.261	33.768								
4/6/13 15:00	38.384	38.277	33.768								
4/6/13 15:20	38.374	38.268	33.576								
4/6/13 15:40	38.356	38.256	33.541								
4/6/13 16:00	38.332	38.228	33.461								
4/6/13 16:20	38.342	38.235	33.562								
4/6/13 16:40	38.344	38.240	33.522								
4/6/13 17:00	38.402	38.289	33.921								
4/6/13 17:20	38.433	38.331	33.768								
4/6/13 17:40	38.437	38.331	33.834								
4/6/13 18:00	38.405	38.298	33.555								
4/6/13 18:20	38.384	38.275	33.494								
4/6/13 18:40	38.386	38.279	33.555								
4/6/13 19:00	38.367	38.261	33.480								
4/6/13 19:20	38.353	38.244	33.449								
4/6/13 19:40	38.346	38.233	33.428								
4/6/13 20:00	38.351	38.244	33.468								
4/6/13 20:20	38.356	38.251	33.541								
4/6/13 20:40	38.342	38.233	33.449								
4/6/13 21:00	38.337	38.226	33.426								
4/6/13 21:20	38.342	38.226	33.616								
4/6/13 21:40	38.351	38.242	33.456								
4/6/13 22:00	38.346	38.237	33.433								
4/6/13 22:20	38.358	38.244	33.672								
4/6/13 22:40	38.356	38.247	33.463								
4/6/13 23:00	38.344	38.237	33.435								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/6/13 23:20	38.337	38.228	33.424								
4/6/13 23:40	38.330	38.219	33.414								
4/7/13 0:00	38.325	38.214	33.407								
4/7/13 0:20	38.321	38.209	33.402								
4/7/13 0:40	38.321	38.209	33.400								
4/7/13 1:00	38.316	38.205	33.395								
4/7/13 1:20	38.309	38.200	33.391								
4/7/13 1:40	38.325	38.212	33.668								
4/7/13 2:00	38.321	38.212	33.438								
4/7/13 2:20	38.337	38.226	33.487								
4/7/13 2:40	38.325	38.214	33.435								
4/7/13 3:00	38.311	38.202	33.410								
4/7/13 3:20	38.328	38.221	33.536								
4/7/13 3:40	38.314	38.205	33.428								
4/7/13 4:00	38.304	38.193	33.403								
4/7/13 4:20	38.295	38.186	33.386								
4/7/13 4:40	38.290	38.179	33.372								
4/7/13 5:00	38.297	38.188	33.419								
4/7/13 5:20	38.288	38.179	33.386								
4/7/13 5:40	38.281	38.170	33.370								
4/7/13 6:00	38.274	38.165	33.360								
4/7/13 6:20	38.276	38.163	33.353								
4/7/13 6:40	38.274	38.163	33.353								
4/7/13 7:00	38.286	38.170	33.569								
4/7/13 7:20	38.290	38.184	33.407								
4/7/13 7:40	38.290	38.181	33.384								
4/7/13 8:00	38.288	38.179	33.374								
4/7/13 8:20	38.314	38.207	33.499								
4/7/13 8:40	38.307	38.198	33.417								
4/7/13 9:00	38.295	38.186	33.391								
4/7/13 9:20	38.288	38.177	33.372								
4/7/13 9:40	38.283	38.172	33.363								
4/7/13 10:00	38.300	38.191	33.466								
4/7/13 10:20	38.290	38.181	33.384								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/7/13 10:40	38.323	38.209	33.574								
4/7/13 11:00	38.318	38.207	33.402								
4/7/13 11:20	38.323	38.214	33.445								
4/7/13 11:40	38.377	38.268	33.597								
4/7/13 12:00	38.416	38.312	33.663								
4/7/13 12:20	38.388	38.282	33.499								
4/7/13 12:40	38.356	38.249	33.440								
4/7/13 13:00	38.330	38.221	33.402								
4/7/13 13:20	38.330	38.223	33.468								
4/7/13 13:40	38.318	38.207	33.679								
4/7/13 14:00	38.318	38.209	33.712								
4/7/13 14:20	38.339	38.237	33.710								
4/7/13 14:40	38.307	38.198	33.478								
4/7/13 15:00	38.353	38.251	33.808								
4/7/13 15:20	38.309	38.207	33.487								
4/7/13 15:40	38.274	38.172	33.403								
4/7/13 16:00	38.248	38.141	33.356								
4/7/13 16:20	38.227	38.120	33.318								
4/7/13 16:40	38.230	38.123	33.372								
4/7/13 17:00	38.206	38.099	33.304								
4/7/13 17:20	38.234	38.130	33.510								
4/7/13 17:40	38.232	38.127	33.421								
4/7/13 18:00	38.213	38.106	33.325								
4/7/13 18:20	38.209	38.099	33.283								
4/7/13 18:40	38.213	38.102	33.264								
4/7/13 19:00	38.262	38.156	33.736								
4/7/13 19:20	38.335	38.233	33.970								
4/7/13 19:40	38.314	38.219	33.571								
4/7/13 20:00	38.349	38.230	33.799								
4/7/13 20:20	38.316	38.216	33.560								
4/7/13 20:40	38.321	38.219	33.562								
4/7/13 21:00	38.323	38.219	33.592								
4/7/13 21:20	38.295	38.186	33.445								
4/7/13 21:40	38.274	38.167	33.398								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/7/13 22:00	38.265	38.151	33.370								
4/7/13 22:20	38.255	38.144	33.353								
4/7/13 22:40	38.244	38.134	33.337								
4/7/13 23:00	38.258	38.151	33.395								
4/7/13 23:20	38.248	38.137	33.349								
4/7/13 23:40	38.241	38.130	33.334								
4/8/13 0:00	38.234	38.127	33.323								
4/8/13 0:20	38.230	38.120	33.313								
4/8/13 0:40	38.227	38.120	33.306								
4/8/13 1:00	38.223	38.113	33.299								
4/8/13 1:20	38.218	38.109	33.295								
4/8/13 1:40	38.213	38.104	33.288								
4/8/13 2:00	38.234	38.125	33.410								
4/8/13 2:20	38.239	38.125	33.534								
4/8/13 2:40	38.225	38.118	33.337								
4/8/13 3:00	38.216	38.106	33.304								
4/8/13 3:20	38.211	38.102	33.288								
4/8/13 3:40	38.204	38.092	33.276								
4/8/13 4:00	38.202	38.090	33.271								
4/8/13 4:20	38.204	38.090	33.449								
4/8/13 4:40	38.209	38.095	33.306								
4/8/13 5:00	38.206	38.095	33.283								
4/8/13 5:20	38.192	38.083	33.264								
4/8/13 5:40	38.190	38.076	33.257								
4/8/13 6:00	38.181	38.071	33.248								
4/8/13 6:20	38.190	38.076	33.250								
4/8/13 6:40	38.176	38.071	33.241								
4/8/13 7:00	38.183	38.069	33.238								
4/8/13 7:20	38.213	38.099	33.391								
4/8/13 7:40	38.204	38.095	33.290								
4/8/13 8:00	38.206	38.092	33.273								
4/8/13 8:20	38.227	38.111	33.330								
4/8/13 8:40	38.225	38.113	33.304								
4/8/13 9:00	38.234	38.120	33.524								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/8/13 9:20	38.239	38.130	33.332								
4/8/13 9:40	38.237	38.127	33.302								
4/8/13 10:00	38.234	38.123	33.290								
4/8/13 10:20	38.232	38.118	33.283								
4/8/13 10:40	38.251	38.139	33.344								
4/8/13 11:00	38.262	38.153	33.440								
4/8/13 11:20	38.251	38.141	33.337								
4/8/13 11:40	38.253	38.139	33.539								
4/8/13 12:00	38.281	38.174	33.492								
4/8/13 12:20	38.281	38.174	33.454								
4/8/13 12:40	38.281	38.174	33.435								
4/8/13 13:00	38.260	38.153	33.356								
4/8/13 13:20	38.267	38.148	33.665								
4/8/13 13:40	38.293	38.188	33.543								
4/8/13 14:00	38.269	38.158	33.386								
4/8/13 14:20	38.276	38.170	33.433								
4/8/13 14:40	38.269	38.163	33.417								
4/8/13 15:00	38.262	38.156	33.405								
4/8/13 15:20	38.244	38.134	33.335								
4/8/13 15:40	38.248	38.137	33.656								
4/8/13 16:00	38.230	38.120	33.346								
4/8/13 16:20	38.211	38.102	33.295								
4/8/13 16:40	38.195	38.085	33.269								
4/8/13 17:00	38.183	38.071	33.245								
4/8/13 17:20	38.171	38.062	33.231								
4/8/13 17:40	38.162	38.055	33.222								
4/8/13 18:00	38.178	38.069	33.309								
4/8/13 18:20	38.190	38.083	33.327								
4/8/13 18:40	38.213	38.104	33.583								
4/8/13 19:00	38.216	38.109	33.456								
4/8/13 19:20	38.239	38.137	33.506								
4/8/13 19:40	38.244	38.137	33.440								
4/8/13 20:00	38.239	38.134	33.412								
4/8/13 20:20	38.239	38.134	33.426								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/8/13 20:40	38.248	38.141	33.426								
4/8/13 21:00	38.230	38.123	33.341								
4/8/13 21:20	38.220	38.111	33.311								
4/8/13 21:40	38.241	38.132	33.464								
4/8/13 22:00	38.230	38.120	33.335								
4/8/13 22:20	38.216	38.109	33.302								
4/8/13 22:40	38.206	38.097	33.285								
4/8/13 23:00	38.199	38.090	33.269								
4/8/13 23:20	38.190	38.083	33.252								
4/8/13 23:40	38.185	38.076	33.245								
4/9/13 0:00	38.178	38.064	33.231								
4/9/13 0:20	38.174	38.062	33.222								
4/9/13 0:40	38.164	38.055	33.212								
4/9/13 1:00	38.155	38.043	33.203								
4/9/13 1:20	38.160	38.053	33.341								
4/9/13 1:40	38.148	38.039	33.215								
4/9/13 2:00	38.139	38.029	33.189								
4/9/13 2:20	38.132	38.020	33.175								
4/9/13 2:40	38.120	38.011	33.166								
4/9/13 3:00	38.113	38.004	33.154								
4/9/13 3:20	38.108	37.999	33.147								
4/9/13 3:40	38.106	37.994	33.142								
4/9/13 4:00	38.101	37.992	33.142								
4/9/13 4:20	38.099	37.990	33.137								
4/9/13 4:40	38.101	37.990	33.137								
4/9/13 5:00	38.101	37.992	33.140								
4/9/13 5:20	38.111	37.997	33.149								
4/9/13 5:40	38.116	38.004	33.156								
4/9/13 6:00	38.132	38.015	33.163								
4/9/13 6:20	38.141	38.027	33.184								
4/9/13 6:40	38.153	38.039	33.201								
4/9/13 7:00	38.164	38.050	33.212								
4/9/13 7:20	38.171	38.053	33.220								
4/9/13 7:40	38.183	38.062	33.227								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/9/13 8:00	38.190	38.074	33.238								
4/9/13 8:20	38.202	38.085	33.250								
4/9/13 8:40	38.211	38.092	33.252								
4/9/13 9:00	38.218	38.099	33.259								
4/9/13 9:20	38.230	38.116	33.276								
4/9/13 9:40	38.246	38.132	33.290								
4/9/13 10:00	38.279	38.156	33.668								
4/9/13 10:20	38.300	38.181	33.388								
4/9/13 10:40	38.328	38.214	33.510								
4/9/13 11:00	38.342	38.214	33.531								
4/9/13 11:20	38.384	38.263	33.677								
4/9/13 11:40	38.409	38.296	33.574								
4/9/13 12:00	38.409	38.282	33.637								
4/9/13 12:20	38.409	38.296	33.527								
4/9/13 12:40	38.402	38.293	33.496								
4/9/13 13:00	38.419	38.310	33.546								
4/9/13 13:20	38.416	38.298	33.494								
4/9/13 13:40	38.400	38.293	33.475								
4/9/13 14:00	38.398	38.284	33.468								
4/9/13 14:20	38.412	38.289	33.700								
4/9/13 14:40	38.435	38.317	33.804								
4/9/13 15:00	38.426	38.310	33.550								
4/9/13 15:20	38.421	38.303	33.517								
4/9/13 15:40	38.419	38.310	33.553								
4/9/13 16:00	38.421	38.303	33.520								
4/9/13 16:20	38.409	38.296	33.501								
4/9/13 16:40	38.407	38.293	33.494								
4/9/13 17:00	38.412	38.291	33.499								
4/9/13 17:20	38.412	38.293	33.494								
4/9/13 17:40	38.419	38.300	33.501								
4/9/13 18:00	38.428	38.307	33.510								
4/9/13 18:20	38.428	38.317	33.520								
4/9/13 18:40	38.447	38.319	33.531								
4/9/13 19:00	38.444	38.333	33.539								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/9/13 19:20	38.444	38.331	33.536								
4/9/13 19:40	38.449	38.335	33.534								
4/9/13 20:00	38.449	38.338	33.534								
4/9/13 20:20	38.468	38.349	33.583								
4/9/13 20:40	38.449	38.347	33.557								
4/9/13 21:00	38.498	38.321	33.546								
4/9/13 21:20	38.484	38.366	33.585								
4/9/13 21:40	38.493	38.378	33.597								
4/9/13 22:00	38.498	38.357	33.588								
4/9/13 22:20	38.503	38.382	33.599								
4/9/13 22:40	38.491	38.399	33.607								
4/9/13 23:00	38.512	38.382	33.607								
4/9/13 23:20	38.500	38.373	33.602								
4/9/13 23:40	38.491	38.394	33.602								
4/10/13 0:00	38.498	38.406	33.618								
4/10/13 0:20	38.512	38.375	33.599								
4/10/13 0:40	38.500	38.373	33.597								
4/10/13 1:00	38.486	38.382	33.592								
4/10/13 1:20	38.486	38.361	33.581								
4/10/13 1:40	38.482	38.366	33.581								
4/10/13 2:00	38.486	38.371	33.588								
4/10/13 2:20	38.505	38.394	33.621								
4/10/13 2:40	38.503	38.392	33.623								
4/10/13 3:00	38.472	38.389	33.599								
4/10/13 3:20	38.477	38.357	33.581								
4/10/13 3:40	38.475	38.364	33.583								
4/10/13 4:00	38.470	38.345	33.574								
4/10/13 4:20	38.456	38.333	33.560								
4/10/13 4:40	38.454	38.342	33.564								
4/10/13 5:00	38.465	38.331	33.564								
4/10/13 5:20	38.454	38.352	33.578								
4/10/13 5:40	38.456	38.331	33.567								
4/10/13 6:00	38.456	38.361	33.586								
4/10/13 6:20	38.463	38.342	33.581								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/10/13 6:40	38.447	38.342	33.569								
4/10/13 7:00	38.468	38.338	33.581								
4/10/13 7:20	38.437	38.340	33.564								
4/10/13 7:40	38.456	38.331	33.564								
4/10/13 8:00	38.465	38.357	33.583								
4/10/13 8:20	38.458	38.352	33.583								
4/10/13 8:40	38.451	38.338	33.569								
4/10/13 9:00	38.456	38.345	33.574								
4/10/13 9:20	38.479	38.364	33.836								
4/10/13 9:40	38.484	38.375	33.637								
4/10/13 10:00	38.482	38.373	33.618								
4/10/13 10:20	38.482	38.373	33.611								
4/10/13 10:40	38.482	38.378	33.607								
4/10/13 11:00	38.484	38.368	33.602								
4/10/13 11:20	38.489	38.375	33.614								
4/10/13 11:40	38.489	38.382	33.614								
4/10/13 12:00	38.491	38.373	33.611								
4/10/13 12:20	38.486	38.368	33.602								
4/10/13 12:40	38.479	38.375	33.602								
4/10/13 13:00	38.491	38.368	33.853								
4/10/13 13:20	38.489	38.380	33.639								
4/10/13 13:40	38.479	38.371	33.607								
4/10/13 14:00	38.477	38.364	33.597								
4/10/13 14:20	38.463	38.357	33.588								
4/10/13 14:40	38.456	38.349	33.576								
4/10/13 15:00	38.447	38.340	33.562								
4/10/13 15:20	38.435	38.331	33.553								
4/10/13 15:40	38.423	38.319	33.541								
4/10/13 16:00	38.428	38.326	33.588								
4/10/13 16:20	38.477	38.361	34.221								
4/10/13 16:40	38.547	38.434	34.439								
4/10/13 17:00	38.586	38.476	34.195								
4/10/13 17:20	38.596	38.497	34.383								
4/10/13 17:40	38.605	38.504	34.315								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/10/13 18:00	38.593	38.492	34.137								
4/10/13 18:20	38.596	38.494	34.198								
4/10/13 18:40	38.598	38.504	34.155								
4/10/13 19:00	38.568	38.469	34.022								
4/10/13 19:20	38.554	38.452	33.888								
4/10/13 19:40	38.530	38.431	33.815								
4/10/13 20:00	38.544	38.443	33.972								
4/10/13 20:20	38.514	38.410	33.771								
4/10/13 20:40	38.505	38.399	33.750								
4/10/13 21:00	38.500	38.399	33.766								
4/10/13 21:20	38.484	38.378	33.691								
4/10/13 21:40	38.472	38.364	33.660								
4/10/13 22:00	38.463	38.357	33.642								
4/10/13 22:20	38.454	38.345	33.628								
4/10/13 22:40	38.454	38.342	33.618								
4/10/13 23:00	38.447	38.338	33.611								
4/10/13 23:20	38.437	38.331	33.597								
4/10/13 23:40	38.430	38.324	33.588								
4/11/13 0:00	38.428	38.314	33.576								
4/11/13 0:20	38.423	38.314	33.571								
4/11/13 0:40	38.414	38.307	33.560								
4/11/13 1:00	38.409	38.300	33.555								
4/11/13 1:20	38.405	38.293	33.546								
4/11/13 1:40	38.419	38.307	33.712								
4/11/13 2:00	38.405	38.298	33.569								
4/11/13 2:20	38.391	38.282	33.541								
4/11/13 2:40	38.377	38.272	33.520								
4/11/13 3:00	38.384	38.272	33.576								
4/11/13 3:20	38.367	38.258	33.517								
4/11/13 3:40	38.353	38.242	33.489								
4/11/13 4:00	38.337	38.228	33.470								
4/11/13 4:20	38.323	38.214	33.452								
4/11/13 4:40	38.318	38.209	33.442								
4/11/13 5:00	38.316	38.205	33.438								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/11/13 5:20	38.314	38.202	33.438								
4/11/13 5:40	38.309	38.200	33.438								
4/11/13 6:00	38.304	38.195	33.435								
4/11/13 6:20	38.302	38.191	33.424								
4/11/13 6:40	38.300	38.186	33.417								
4/11/13 7:00	38.300	38.188	33.419								
4/11/13 7:20	38.295	38.184	33.414								
4/11/13 7:40	38.302	38.188	33.414								
4/11/13 8:00	38.302	38.191	33.417								
4/11/13 8:20	38.295	38.186	33.410								
4/11/13 8:40	38.297	38.186	33.407								
4/11/13 9:00	38.304	38.191	33.407								
4/11/13 9:20	38.337	38.233	33.567								
4/11/13 9:40	38.346	38.237	33.719								
4/11/13 10:00	38.365	38.254	33.602								
4/11/13 10:20	38.398	38.291	33.771								
4/11/13 10:40	38.421	38.317	33.843								
4/11/13 11:00	38.458	38.359	33.897								
4/11/13 11:20	38.461	38.359	33.914								
4/11/13 11:40	38.440	38.328	33.865								
4/11/13 12:00	38.412	38.307	33.625								
4/11/13 12:20	38.423	38.317	33.682								
4/11/13 12:40	38.405	38.303	33.621								
4/11/13 13:00	38.405	38.305	33.712								
4/11/13 13:20	38.398	38.291	33.775								
4/11/13 13:40	38.407	38.307	33.768								
4/11/13 14:00	38.407	38.305	33.743								
4/11/13 14:20	38.381	38.275	33.628								
4/11/13 14:40	38.367	38.265	33.557								
4/11/13 15:00	38.367	38.263	33.595								
4/11/13 15:20	38.367	38.256	33.508								
4/11/13 15:40	38.393	38.286	33.693								
4/11/13 16:00	38.365	38.258	33.525								
4/11/13 16:20	38.398	38.289	33.581								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/11/13 16:40	38.426	38.307	33.625								
4/11/13 17:00	38.430	38.321	33.524								
4/11/13 17:20	38.416	38.310	33.539								
4/11/13 17:40	38.388	38.282	33.487								
4/11/13 18:00	38.367	38.261	33.466								
4/11/13 18:20	38.351	38.242	33.450								
4/11/13 18:40	38.360	38.251	33.595								
4/11/13 19:00	38.353	38.244	33.478								
4/11/13 19:20	38.346	38.235	33.456								
4/11/13 19:40	38.339	38.228	33.445								
4/11/13 20:00	38.353	38.247	33.527								
4/11/13 20:20	38.346	38.237	33.478								
4/11/13 20:40	38.358	38.251	33.527								
4/11/13 21:00	38.353	38.242	33.485								
4/11/13 21:20	38.349	38.237	33.470								
4/11/13 21:40	38.353	38.242	33.468								
4/11/13 22:00	38.356	38.244	33.466								
4/11/13 22:20	38.360	38.247	33.463								
4/11/13 22:40	38.360	38.249	33.463								
4/11/13 23:00	38.363	38.249	33.466								
4/11/13 23:20	38.367	38.254	33.471								
4/11/13 23:40	38.367	38.254	33.473								
4/12/13 0:00	38.370	38.256	33.475								
4/12/13 0:20	38.370	38.258	33.473								
4/12/13 0:40	38.372	38.258	33.475								
4/12/13 1:00	38.379	38.268	33.482								
4/12/13 1:20	38.374	38.263	33.478								
4/12/13 1:40	38.379	38.268	33.482								
4/12/13 2:00	38.381	38.270	33.485								
4/12/13 2:20	38.379	38.268	33.485								
4/12/13 2:40	38.379	38.265	33.482								
4/12/13 3:00	38.379	38.265	33.482								
4/12/13 3:20	38.374	38.265	33.480								
4/12/13 3:40	38.374	38.263	33.475								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/12/13 4:00	38.372	38.261	33.475								
4/12/13 4:20	38.374	38.263	33.478								
4/12/13 4:40	38.377	38.265	33.480								
4/12/13 5:00	38.377	38.265	33.482								
4/12/13 5:20	38.381	38.268	33.487								
4/12/13 5:40	38.381	38.270	33.489								
4/12/13 6:00	38.381	38.268	33.487								
4/12/13 6:20	38.381	38.268	33.487								
4/12/13 6:40	38.391	38.279	33.496								
4/12/13 7:00	38.393	38.279	33.501								
4/12/13 7:20	38.391	38.282	33.501								
4/12/13 7:40	38.398	38.286	33.503								
4/12/13 8:00	38.421	38.310	33.614								
4/12/13 8:20	38.416	38.307	33.548								
4/12/13 8:40	38.416	38.305	33.536								
4/12/13 9:00	38.440	38.331	33.644								
4/12/13 9:20	38.437	38.326	33.569								
4/12/13 9:40	38.435	38.321	33.557								
4/12/13 10:00	38.440	38.328	33.557								
4/12/13 10:20	38.437	38.326	33.553								
4/12/13 10:40	38.437	38.328	33.548								
4/12/13 11:00	38.440	38.326	33.548								
4/12/13 11:20	38.444	38.331	33.553								
4/12/13 11:40	38.444	38.333	33.555								
4/12/13 12:00	38.463	38.342	33.846								
4/12/13 12:20	38.498	38.389	33.808								
4/12/13 12:40	38.503	38.389	33.916								
4/12/13 13:00	38.563	38.452	34.256								
4/12/13 13:20	38.544	38.436	33.789								
4/12/13 13:40	38.533	38.427	33.752								
4/12/13 14:00	38.526	38.422	33.843								
4/12/13 14:20	38.512	38.403	33.684								
4/12/13 14:40	38.496	38.389	33.642								
4/12/13 15:00	38.530	38.420	33.759								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/12/13 15:20	38.519	38.408	33.644								
4/12/13 15:40	38.505	38.396	33.616								
4/12/13 16:00	38.496	38.385	33.597								
4/12/13 16:20	38.479	38.368	33.583								
4/12/13 16:40	38.461	38.352	33.571								
4/12/13 17:00	38.468	38.354	33.825								
4/12/13 17:20	38.493	38.378	33.900								
4/12/13 17:40	38.540	38.429	34.216								
4/12/13 18:00	38.600	38.504	34.212								
4/12/13 18:20	38.610	38.508	34.280								
4/12/13 18:40	38.603	38.504	34.212								
4/12/13 19:00	38.612	38.513	34.221								
4/12/13 19:20	38.565	38.466	33.858								
4/12/13 19:40	38.577	38.471	34.191								
4/12/13 20:00	38.549	38.448	33.825								
4/12/13 20:20	38.523	38.420	33.745								
4/12/13 20:40	38.540	38.429	33.968								
4/12/13 21:00	38.528	38.424	33.768								
4/12/13 21:20	38.530	38.424	33.780								
4/12/13 21:40	38.519	38.410	33.722								
4/12/13 22:00	38.512	38.406	33.700								
4/12/13 22:20	38.530	38.422	33.780								
4/12/13 22:40	38.521	38.413	33.717								
4/12/13 23:00	38.512	38.401	33.696								
4/12/13 23:20	38.510	38.399	33.679								
4/12/13 23:40	38.507	38.396	33.670								
4/13/13 0:00	38.503	38.392	33.665								
4/13/13 0:20	38.521	38.413	33.820								
4/13/13 0:40	38.512	38.403	33.698								
4/13/13 1:00	38.526	38.417	33.895								
4/13/13 1:20	38.521	38.410	33.712								
4/13/13 1:40	38.512	38.401	33.684								
4/13/13 2:00	38.505	38.392	33.670								
4/13/13 2:20	38.493	38.385	33.656								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/13/13 2:40	38.514	38.406	33.773								
4/13/13 3:00	38.505	38.394	33.686								
4/13/13 3:20	38.496	38.387	33.663								
4/13/13 3:40	38.486	38.378	33.649								
4/13/13 4:00	38.479	38.368	33.639								
4/13/13 4:20	38.475	38.364	33.628								
4/13/13 4:40	38.470	38.357	33.621								
4/13/13 5:00	38.458	38.349	33.609								
4/13/13 5:20	38.451	38.342	33.599								
4/13/13 5:40	38.447	38.335	33.593								
4/13/13 6:00	38.442	38.331	33.586								
4/13/13 6:20	38.437	38.326	33.581								
4/13/13 6:40	38.433	38.319	33.576								
4/13/13 7:00	38.426	38.314	33.571								
4/13/13 7:20	38.423	38.310	33.567								
4/13/13 7:40	38.465	38.349	33.956								
4/13/13 8:00	38.458	38.352	33.672								
4/13/13 8:20	38.463	38.359	33.703								
4/13/13 8:40	38.449	38.338	33.625								
4/13/13 9:00	38.440	38.328	33.595								
4/13/13 9:20	38.447	38.340	33.649								
4/13/13 9:40	38.447	38.331	33.862								
4/13/13 10:00	38.442	38.333	33.632								
4/13/13 10:20	38.430	38.324	33.588								
4/13/13 10:40	38.482	38.373	34.019								
4/13/13 11:00	38.526	38.417	34.226								
4/13/13 11:20	38.563	38.532	34.275								
4/13/13 11:40	38.680	38.569	34.118								
4/13/13 12:00	38.757	38.672	34.355								
4/13/13 12:20	38.715	38.618	34.040								
4/13/13 12:40	38.624	38.565	34.106								
4/13/13 13:00	38.712	38.810	33.860								
4/13/13 13:20	38.626	38.597	33.940								
4/13/13 13:40	38.512	38.415	33.698								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/13/13 14:00	38.456	38.357	33.618								
4/13/13 14:20	38.437	38.338	33.647								
4/13/13 14:40	38.393	38.293	33.562								
4/13/13 15:00	38.384	38.279	33.801								
4/13/13 15:20	38.351	38.249	33.531								
4/13/13 15:40	38.337	38.237	33.557								
4/13/13 16:00	38.304	38.200	33.466								
4/13/13 16:20	38.302	38.200	33.522								
4/13/13 16:40	38.288	38.184	33.557								
4/13/13 17:00	38.260	38.158	33.426								
4/13/13 17:20	38.286	38.184	33.705								
4/13/13 17:40	38.279	38.177	33.564								
4/13/13 18:00	38.293	38.186	33.860								
4/13/13 18:20	38.300	38.200	33.789								
4/13/13 18:40	38.297	38.198	33.757								
4/13/13 19:00	38.281	38.179	33.576								
4/13/13 19:20	38.272	38.172	33.672								
4/13/13 19:40	38.265	38.165	33.623								
4/13/13 20:00	38.244	38.144	33.518								
4/13/13 20:20	38.232	38.130	33.496								
4/13/13 20:40	38.216	38.113	33.440								
4/13/13 21:00	38.188	38.083	33.358								
4/13/13 21:20	38.171	38.064	33.316								
4/13/13 21:40	38.174	38.067	33.510								
4/13/13 22:00	38.155	38.050	33.311								
4/13/13 22:20	38.136	38.029	33.266								
4/13/13 22:40	38.125	38.015	33.241								
4/13/13 23:00	38.108	38.001	33.220								
4/13/13 23:20	38.097	37.990	33.201								
4/13/13 23:40	38.090	37.980	33.184								
4/14/13 0:00	38.083	37.973	33.170								
4/14/13 0:20	38.073	37.966	33.159								
4/14/13 0:40	38.064	37.957	33.149								
4/14/13 1:00	38.078	37.966	33.222								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/14/13 1:20	38.064	37.952	33.156								
4/14/13 1:40	38.050	37.943	33.130								
4/14/13 2:00	38.036	37.933	33.116								
4/14/13 2:20	38.036	37.922	33.098								
4/14/13 2:40	38.022	37.917	33.086								
4/14/13 3:00	38.017	37.908	33.079								
4/14/13 3:20	38.010	37.901	33.067								
4/14/13 3:40	38.008	37.898	33.065								
4/14/13 4:00	38.003	37.894	33.060								
4/14/13 4:20	37.999	37.889	33.048								
4/14/13 4:40	37.994	37.884	33.041								
4/14/13 5:00	37.992	37.877	33.032								
4/14/13 5:20	37.992	37.877	33.030								
4/14/13 5:40	37.987	37.875	33.027								
4/14/13 6:00	37.982	37.868	33.020								
4/14/13 6:20	37.989	37.873	33.018								
4/14/13 6:40	37.992	37.880	33.027								
4/14/13 7:00	37.996	37.882	33.032								
4/14/13 7:20	38.001	37.889	33.041								
4/14/13 7:40	38.034	37.922	33.137								
4/14/13 8:00	38.048	37.933	33.334								
4/14/13 8:20	38.052	37.943	33.133								
4/14/13 8:40	38.050	37.938	33.112								
4/14/13 9:00	38.083	37.969	33.234								
4/14/13 9:20	38.076	37.964	33.144								
4/14/13 9:40	38.078	37.959	33.119								
4/14/13 10:00	38.085	37.971	33.121								
4/14/13 10:20	38.090	37.976	33.123								
4/14/13 10:40	38.106	37.992	33.135								
4/14/13 11:00	38.155	38.043	33.339								
4/14/13 11:20	38.176	38.064	33.306								
4/14/13 11:40	38.174	38.062	33.241								
4/14/13 12:00	38.181	38.064	33.229								
4/14/13 12:20	38.225	38.116	33.447								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/14/13 12:40	38.230	38.111	33.567								
4/14/13 13:00	38.279	38.170	33.717								
4/14/13 13:20	38.297	38.184	33.651								
4/14/13 13:40	38.349	38.244	33.893								
4/14/13 14:00	38.344	38.242	33.599								
4/14/13 14:20	38.332	38.226	33.635								
4/14/13 14:40	38.304	38.198	33.442								
4/14/13 15:00	38.293	38.184	33.395								
4/14/13 15:20	38.300	38.191	33.470								
4/14/13 15:40	38.300	38.191	33.546								
4/14/13 16:00	38.286	38.174	33.393								
4/14/13 16:20	38.279	38.170	33.367								
4/14/13 16:40	38.276	38.167	33.356								
4/14/13 17:00	38.272	38.156	33.341								
4/14/13 17:20	38.288	38.179	33.417								
4/14/13 17:40	38.307	38.198	33.527								
4/14/13 18:00	38.372	38.258	33.904								
4/14/13 18:20	38.421	38.319	33.914								
4/14/13 18:40	38.421	38.314	33.698								
4/14/13 19:00	38.419	38.307	33.818								
4/14/13 19:20	38.430	38.321	33.841								
4/14/13 19:40	38.479	38.366	33.750								
4/14/13 20:00	38.512	38.408	33.811								
4/14/13 20:20	38.505	38.401	33.773								
4/14/13 20:40	38.491	38.385	33.684								
4/14/13 21:00	38.468	38.359	33.604								
4/14/13 21:20	38.451	38.340	33.567								
4/14/13 21:40	38.442	38.331	33.546								
4/14/13 22:00	38.454	38.342	33.696								
4/14/13 22:20	38.440	38.328	33.569								
4/14/13 22:40	38.428	38.314	33.541								
4/14/13 23:00	38.421	38.310	33.527								
4/14/13 23:20	38.414	38.303	33.517								
4/14/13 23:40	38.412	38.298	33.513								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/15/13 0:00	38.405	38.293	33.508								
4/15/13 0:20	38.405	38.289	33.506								
4/15/13 0:40	38.423	38.307	33.595								
4/15/13 1:00	38.407	38.293	33.527								
4/15/13 1:20	38.405	38.291	33.517								
4/15/13 1:40	38.398	38.286	33.508								
4/15/13 2:00	38.391	38.275	33.489								
4/15/13 2:20	38.391	38.279	33.487								
4/15/13 2:40	38.386	38.272	33.485								
4/15/13 3:00	38.377	38.263	33.475								
4/15/13 3:20	38.360	38.247	33.456								
4/15/13 3:40	38.365	38.249	33.447								
4/15/13 4:00	38.381	38.270	33.475								
4/15/13 4:20	38.377	38.263	33.480								
4/15/13 4:40	38.374	38.263	33.482								
4/15/13 5:00	38.377	38.261	33.480								
4/15/13 5:20	38.388	38.275	33.485								
4/15/13 5:40	38.393	38.277	33.492								
4/15/13 6:00	38.391	38.277	33.496								
4/15/13 6:20	38.400	38.284	33.501								
4/15/13 6:40	38.402	38.289	33.510								
4/15/13 7:00	38.414	38.298	33.520								
4/15/13 7:20	38.437	38.317	33.743								
4/15/13 7:40	38.449	38.338	33.592								
4/15/13 8:00	38.454	38.342	33.578								
4/15/13 8:20	38.451	38.338	33.574								
4/15/13 8:40	38.477	38.359	33.811								
4/15/13 9:00	38.500	38.389	33.731								
4/15/13 9:20	38.489	38.378	33.623								
4/15/13 9:40	38.484	38.371	33.604								
4/15/13 10:00	38.479	38.364	33.592								
4/15/13 10:20	38.477	38.361	33.588								
4/15/13 10:40	38.496	38.385	33.696								
4/15/13 11:00	38.493	38.380	33.625								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/15/13 11:20	38.491	38.378	33.616								
4/15/13 11:40	38.535	38.424	33.848								
4/15/13 12:00	38.561	38.455	33.926								
4/15/13 12:20	38.575	38.462	33.911								
4/15/13 12:40	38.568	38.462	33.799								
4/15/13 13:00	38.542	38.434	33.724								
4/15/13 13:20	38.526	38.415	33.682								
4/15/13 13:40	38.542	38.429	33.785								
4/15/13 14:00	38.547	38.434	33.972								
4/15/13 14:20	38.530	38.420	33.717								
4/15/13 14:40	38.521	38.408	33.665								
4/15/13 15:00	38.542	38.431	33.724								
4/15/13 15:20	38.533	38.420	33.658								
4/15/13 15:40	38.526	38.415	33.630								
4/15/13 16:00	38.530	38.420	33.689								
4/15/13 16:20	38.528	38.415	33.632								
4/15/13 16:40	38.533	38.422	33.707								
4/15/13 17:00	38.533	38.427	33.743								
4/15/13 17:20	38.510	38.401	33.658								
4/15/13 17:40	38.516	38.408	33.780								
4/15/13 18:00	38.505	38.394	33.663								
4/15/13 18:20	38.493	38.382	33.639								
4/15/13 18:40	38.510	38.399	33.785								
4/15/13 19:00	38.498	38.389	33.670								
4/15/13 19:20	38.519	38.408	33.745								
4/15/13 19:40	38.507	38.394	33.679								
4/15/13 20:00	38.503	38.389	33.661								
4/15/13 20:20	38.500	38.387	33.651								
4/15/13 20:40	38.500	38.387	33.646								
4/15/13 21:00	38.503	38.387	33.646								
4/15/13 21:20	38.540	38.429	33.853								
4/15/13 21:40	38.544	38.431	33.968								
4/15/13 22:00	38.542	38.424	33.773								
4/15/13 22:20	38.596	38.483	34.186								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/15/13 22:40	38.600	38.494	33.935								
4/15/13 23:00	38.577	38.469	33.808								
4/15/13 23:20	38.568	38.452	33.965								
4/15/13 23:40	38.549	38.438	33.761								
4/16/13 0:00	38.535	38.422	33.719								
4/16/13 0:20	38.547	38.436	33.789								
4/16/13 0:40	38.556	38.445	33.797								
4/16/13 1:00	38.558	38.450	33.787								
4/16/13 1:20	38.549	38.438	33.745								
4/16/13 1:40	38.547	38.434	33.729								
4/16/13 2:00	38.542	38.429	33.719								
4/16/13 2:20	38.540	38.427	33.710								
4/16/13 2:40	38.535	38.422	33.707								
4/16/13 3:00	38.533	38.420	33.705								
4/16/13 3:20	38.533	38.420	33.698								
4/16/13 3:40	38.526	38.415	33.693								
4/16/13 4:00	38.530	38.420	33.691								
4/16/13 4:20	38.533	38.420	33.693								
4/16/13 4:40	38.537	38.427	33.703								
4/16/13 5:00	38.540	38.427	33.703								
4/16/13 5:20	38.537	38.424	33.703								
4/16/13 5:40	38.542	38.427	33.703								
4/16/13 6:00	38.547	38.434	33.714								
4/16/13 6:20	38.544	38.431	33.712								
4/16/13 6:40	38.549	38.434	33.712								
4/16/13 7:00	38.549	38.436	33.714								
4/16/13 7:20	38.577	38.464	33.787								
4/16/13 7:40	38.570	38.457	33.754								
4/16/13 8:00	38.591	38.478	33.933								
4/16/13 8:20	38.584	38.473	33.789								
4/16/13 8:40	38.586	38.473	33.771								
4/16/13 9:00	38.600	38.487	33.850								
4/16/13 9:20	38.593	38.480	33.792								
4/16/13 9:40	38.589	38.476	33.773								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/16/13 10:00	38.605	38.490	34.036								
4/16/13 10:20	38.596	38.487	33.808								
4/16/13 10:40	38.593	38.480	33.780								
4/16/13 11:00	38.586	38.473	33.768								
4/16/13 11:20	38.584	38.471	33.759								
4/16/13 11:40	38.584	38.471	33.754								
4/16/13 12:00	38.621	38.508	33.942								
4/16/13 12:20	38.626	38.515	33.869								
4/16/13 12:40	38.617	38.504	33.813								
4/16/13 13:00	38.654	38.539	34.111								
4/16/13 13:20	38.635	38.525	33.879								
4/16/13 13:40	38.633	38.522	33.904								
4/16/13 14:00	38.638	38.529	33.949								
4/16/13 14:20	38.612	38.501	33.832								
4/16/13 14:40	38.584	38.476	33.785								
4/16/13 15:00	38.593	38.483	33.902								
4/16/13 15:20	38.603	38.494	33.895								
4/16/13 15:40	38.600	38.492	33.900								
4/16/13 16:00	38.575	38.464	33.787								
4/16/13 16:20	38.558	38.448	33.750								
4/16/13 16:40	38.549	38.436	33.729								
4/16/13 17:00	38.535	38.422	33.710								
4/16/13 17:20	38.523	38.410	33.691								
4/16/13 17:40	38.537	38.427	33.808								
4/16/13 18:00	38.549	38.436	33.818								
4/16/13 18:20	38.540	38.434	33.794								
4/16/13 18:40	38.521	38.413	33.731								
4/16/13 19:00	38.512	38.401	33.703								
4/16/13 19:20	38.500	38.387	33.686								
4/16/13 19:40	38.491	38.378	33.672								
4/16/13 20:00	38.500	38.389	33.726								
4/16/13 20:20	38.519	38.413	33.928								
4/16/13 20:40	38.572	38.455	34.320								
4/16/13 21:00	38.584	38.476	34.207								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/16/13 21:20	38.577	38.471	34.113								
4/16/13 21:40	38.558	38.448	33.832								
4/16/13 22:00	38.558	38.443	34.033								
4/16/13 22:20	38.575	38.462	34.169								
4/16/13 22:40	38.584	38.476	33.940								
4/16/13 23:00	38.589	38.483	34.038								
4/16/13 23:20	38.570	38.466	33.841								
4/16/13 23:40	38.544	38.436	33.782								
4/17/13 0:00	38.549	38.438	33.893								
4/17/13 0:20	38.530	38.422	33.764								
4/17/13 0:40	38.516	38.406	33.726								
4/17/13 1:00	38.526	38.415	33.792								
4/17/13 1:20	38.523	38.415	33.775								
4/17/13 1:40	38.510	38.399	33.719								
4/17/13 2:00	38.482	38.368	33.682								
4/17/13 2:20	38.468	38.345	33.827								
4/17/13 2:40	38.468	38.366	33.686								
4/17/13 3:00	38.461	38.331	33.637								
4/17/13 3:20	38.419	38.317	33.609								
4/17/13 3:40	38.423	38.270	33.567								
4/17/13 4:00	38.407	38.254	33.550								
4/17/13 4:20	38.377	38.263	33.550								
4/17/13 4:40	38.367	38.254	33.543								
4/17/13 5:00	38.388	38.244	33.541								
4/17/13 5:20	38.370	38.256	33.548								
4/17/13 5:40	38.367	38.251	33.534								
4/17/13 6:00	38.363	38.251	33.531								
4/17/13 6:20	38.365	38.247	33.529								
4/17/13 6:40	38.360	38.247	33.522								
4/17/13 7:00	38.356	38.242	33.513								
4/17/13 7:20	38.356	38.240	33.508								
4/17/13 7:40	38.358	38.240	33.508								
4/17/13 8:00	38.360	38.244	33.510								
4/17/13 8:20	38.358	38.244	33.510								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/17/13 8:40	38.360	38.247	33.510								
4/17/13 9:00	38.358	38.244	33.508								
4/17/13 9:20	38.358	38.244	33.503								
4/17/13 9:40	38.365	38.249	33.501								
4/17/13 10:00	38.365	38.254	33.496								
4/17/13 10:20	38.360	38.249	33.492								
4/17/13 10:40	38.360	38.247	33.489								
4/17/13 11:00	38.356	38.242	33.487								
4/17/13 11:20	38.351	38.244	33.480								
4/17/13 11:40	38.351	38.240	33.478								
4/17/13 12:00	38.349	38.237	33.473								
4/17/13 12:20	38.349	38.228	33.466								
4/17/13 12:40	38.342	38.228	33.461								
4/17/13 13:00	38.335	38.223	33.456								
4/17/13 13:20	38.328	38.212	33.445								
4/17/13 13:40	38.321	38.209	33.440								
4/17/13 14:00	38.316	38.198	33.426								
4/17/13 14:20	38.309	38.191	33.414								
4/17/13 14:40	38.290	38.184	33.400								
4/17/13 15:00	38.316	38.205	33.435								
4/17/13 15:20	38.290	38.179	33.402								
4/17/13 15:40	38.295	38.170	33.398								
4/17/13 16:00	38.288	38.186	33.407								
4/17/13 16:20	38.288	38.170	33.395								
4/17/13 16:40	38.283	38.165	33.388								
4/17/13 17:00	38.281	38.170	33.391								
4/17/13 17:20	38.286	38.172	33.391								
4/17/13 17:40	38.290	38.167	33.393								
4/17/13 18:00	38.293	38.170	33.395								
4/17/13 18:20	38.293	38.177	33.398								
4/17/13 18:40	38.295	38.172	33.398								
4/17/13 19:00	38.295	38.172	33.398								
4/17/13 19:20	38.316	38.198	33.499								
4/17/13 19:40	38.339	38.223	33.663								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/17/13 20:00	38.346	38.233	33.625								
4/17/13 20:20	38.349	38.244	33.614								
4/17/13 20:40	38.339	38.219	33.487								
4/17/13 21:00	38.318	38.207	33.452								
4/17/13 21:20	38.335	38.240	33.578								
4/17/13 21:40	38.339	38.212	33.473								
4/17/13 22:00	38.337	38.228	33.644								
4/17/13 22:20	38.330	38.221	33.482								
4/17/13 22:40	38.321	38.209	33.449								
4/17/13 23:00	38.311	38.212	33.435								
4/17/13 23:20	38.330	38.205	33.442								
4/17/13 23:40	38.332	38.237	33.480								
4/18/13 0:00	38.307	38.198	33.428								
4/18/13 0:20	38.314	38.212	33.435								
4/18/13 0:40	38.309	38.191	33.417								
4/18/13 1:00	38.300	38.202	33.421								
4/18/13 1:20	38.314	38.198	33.419								
4/18/13 1:40	38.314	38.202	33.424								
4/18/13 2:00	38.321	38.202	33.426								
4/18/13 2:20	38.304	38.191	33.410								
4/18/13 2:40	38.304	38.202	33.417								
4/18/13 3:00	38.321	38.205	33.424								
4/18/13 3:20	38.325	38.209	33.431								
4/18/13 3:40	38.318	38.209	33.424								
4/18/13 4:00	38.314	38.216	33.428								
4/18/13 4:20	38.328	38.205	33.421								
4/18/13 4:40	38.321	38.209	33.421								
4/18/13 5:00	38.330	38.209	33.426								
4/18/13 5:20	38.328	38.209	33.426								
4/18/13 5:40	38.346	38.230	33.515								
4/18/13 6:00	38.349	38.233	33.466								
4/18/13 6:20	38.346	38.223	33.452								
4/18/13 6:40	38.356	38.233	33.456								
4/18/13 7:00	38.358	38.237	33.461								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/18/13 7:20	38.360	38.244	33.461								
4/18/13 7:40	38.363	38.244	33.463								
4/18/13 8:00	38.370	38.251	33.468								
4/18/13 8:20	38.379	38.258	33.473								
4/18/13 8:40	38.388	38.263	33.478								
4/18/13 9:00	38.395	38.277	33.489								
4/18/13 9:20	38.393	38.279	33.492								
4/18/13 9:40	38.398	38.282	33.496								
4/18/13 10:00	38.402	38.286	33.499								
4/18/13 10:20	38.402	38.286	33.501								
4/18/13 10:40	38.407	38.291	33.503								
4/18/13 11:00	38.409	38.298	33.508								
4/18/13 11:20	38.412	38.296	33.510								
4/18/13 11:40	38.419	38.300	33.513								
4/18/13 12:00	38.421	38.303	33.517								
4/18/13 12:20	38.426	38.310	33.522								
4/18/13 12:40	38.426	38.310	33.524								
4/18/13 13:00	38.428	38.310	33.520								
4/18/13 13:20	38.435	38.317	33.520								
4/18/13 13:40	38.454	38.335	33.724								
4/18/13 14:00	38.447	38.333	33.567								
4/18/13 14:20	38.449	38.333	33.553								
4/18/13 14:40	38.449	38.331	33.553								
4/18/13 15:00	38.451	38.335	33.550								
4/18/13 15:20	38.468	38.354	33.621								
4/18/13 15:40	38.461	38.347	33.578								
4/18/13 16:00	38.458	38.345	33.567								
4/18/13 16:20	38.456	38.340	33.562								
4/18/13 16:40	38.454	38.338	33.555								
4/18/13 17:00	38.454	38.338	33.553								
4/18/13 17:20	38.458	38.340	33.555								
4/18/13 17:40	38.507	38.392	33.914								
4/18/13 18:00	38.519	38.406	33.933								
4/18/13 18:20	38.519	38.399	33.900								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/18/13 18:40	38.512	38.399	33.677								
4/18/13 19:00	38.523	38.413	33.773								
4/18/13 19:20	38.514	38.401	33.663								
4/18/13 19:40	38.530	38.417	33.775								
4/18/13 20:00	38.556	38.445	33.869								
4/18/13 20:20	38.561	38.450	33.900								
4/18/13 20:40	38.537	38.429	33.719								
4/18/13 21:00	38.544	38.434	33.754								
4/18/13 21:20	38.533	38.422	33.691								
4/18/13 21:40	38.523	38.410	33.670								
4/18/13 22:00	38.516	38.403	33.658								
4/18/13 22:20	38.512	38.396	33.649								
4/18/13 22:40	38.530	38.415	33.719								
4/18/13 23:00	38.516	38.403	33.668								
4/18/13 23:20	38.507	38.392	33.649								
4/18/13 23:40	38.500	38.385	33.635								
4/19/13 0:00	38.516	38.401	33.757								
4/19/13 0:20	38.503	38.389	33.656								
4/19/13 0:40	38.493	38.382	33.632								
4/19/13 1:00	38.489	38.373	33.621								
4/19/13 1:20	38.486	38.371	33.614								
4/19/13 1:40	38.479	38.364	33.607								
4/19/13 2:00	38.475	38.359	33.602								
4/19/13 2:20	38.470	38.354	33.597								
4/19/13 2:40	38.486	38.375	33.663								
4/19/13 3:00	38.477	38.361	33.618								
4/19/13 3:20	38.470	38.354	33.602								
4/19/13 3:40	38.465	38.349	33.595								
4/19/13 4:00	38.463	38.347	33.588								
4/19/13 4:20	38.461	38.347	33.585								
4/19/13 4:40	38.458	38.345	33.583								
4/19/13 5:00	38.456	38.338	33.576								
4/19/13 5:20	38.454	38.338	33.576								
4/19/13 5:40	38.454	38.338	33.574								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/19/13 6:00	38.454	38.335	33.571								
4/19/13 6:20	38.454	38.338	33.571								
4/19/13 6:40	38.454	38.338	33.574								
4/19/13 7:00	38.456	38.340	33.574								
4/19/13 7:20	38.456	38.338	33.576								
4/19/13 7:40	38.456	38.340	33.574								
4/19/13 8:00	38.463	38.345	33.576								
4/19/13 8:20	38.472	38.357	33.576								
4/19/13 8:40	38.470	38.354	33.576								
4/19/13 9:00	38.482	38.366	33.574								
4/19/13 9:20	38.500	38.380	33.571								
4/19/13 9:40	38.491	38.375	33.571								
4/19/13 10:00	38.503	38.385	33.829								
4/19/13 10:20	38.512	38.399	33.754								
4/19/13 10:40	38.496	38.382	33.628								
4/19/13 11:00	38.498	38.378	33.665								
4/19/13 11:20	38.530	38.415	33.947								
4/19/13 11:40	38.523	38.406	33.912								
4/19/13 12:00	38.510	38.396	33.672								
4/19/13 12:20	38.514	38.396	33.963								
4/19/13 12:40	38.505	38.392	33.668								
4/19/13 13:00	38.512	38.399	33.879								
4/19/13 13:20	38.503	38.389	33.654								
4/19/13 13:40	38.516	38.406	33.721								
4/19/13 14:00	38.503	38.385	33.637								
4/19/13 14:20	38.505	38.394	33.675								
4/19/13 14:40	38.510	38.399	33.764								
4/19/13 15:00	38.486	38.378	33.639								
4/19/13 15:20	38.493	38.380	33.825								
4/19/13 15:40	38.479	38.366	33.635								
4/19/13 16:00	38.475	38.359	33.595								
4/19/13 16:20	38.477	38.366	33.653								
4/19/13 16:40	38.463	38.349	33.604								
4/19/13 17:00	38.456	38.342	33.583								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/19/13 17:20	38.454	38.338	33.569								
4/19/13 17:40	38.470	38.349	33.881								
4/19/13 18:00	38.484	38.368	33.825								
4/19/13 18:20	38.470	38.357	33.628								
4/19/13 18:40	38.489	38.375	33.738								
4/19/13 19:00	38.470	38.359	33.625								
4/19/13 19:20	38.465	38.349	33.595								
4/19/13 19:40	38.482	38.366	33.653								
4/19/13 20:00	38.489	38.371	33.832								
4/19/13 20:20	38.500	38.385	33.858								
4/19/13 20:40	38.498	38.382	33.649								
4/19/13 21:00	38.489	38.373	33.618								
4/19/13 21:20	38.477	38.364	33.604								
4/19/13 21:40	38.500	38.385	33.764								
4/19/13 22:00	38.493	38.378	33.639								
4/19/13 22:20	38.484	38.371	33.621								
4/19/13 22:40	38.482	38.366	33.611								
4/19/13 23:00	38.482	38.366	33.607								
4/19/13 23:20	38.477	38.361	33.602								
4/19/13 23:40	38.472	38.354	33.595								
4/20/13 0:00	38.477	38.359	33.595								
4/20/13 0:20	38.475	38.357	33.592								
4/20/13 0:40	38.472	38.357	33.592								
4/20/13 1:00	38.470	38.354	33.593								
4/20/13 1:20	38.472	38.354	33.592								
4/20/13 1:40	38.470	38.354	33.590								
4/20/13 2:00	38.470	38.352	33.588								
4/20/13 2:20	38.470	38.352	33.588								
4/20/13 2:40	38.465	38.347	33.583								
4/20/13 3:00	38.463	38.345	33.581								
4/20/13 3:20	38.463	38.345	33.578								
4/20/13 3:40	38.461	38.345	33.576								
4/20/13 4:00	38.463	38.345	33.574								
4/20/13 4:20	38.463	38.345	33.576								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/20/13 4:40	38.475	38.361	33.651								
4/20/13 5:00	38.472	38.354	33.599								
4/20/13 5:20	38.461	38.345	33.583								
4/20/13 5:40	38.465	38.349	33.578								
4/20/13 6:00	38.461	38.342	33.571								
4/20/13 6:20	38.461	38.345	33.574								
4/20/13 6:40	38.456	38.338	33.569								
4/20/13 7:00	38.461	38.342	33.567								
4/20/13 7:20	38.468	38.347	33.571								
4/20/13 7:40	38.468	38.349	33.571								
4/20/13 8:00	38.472	38.354	33.574								
4/20/13 8:20	38.470	38.354	33.576								
4/20/13 8:40	38.468	38.352	33.574								
4/20/13 9:00	38.470	38.354	33.574								
4/20/13 9:20	38.470	38.352	33.574								
4/20/13 9:40	38.470	38.352	33.574								
4/20/13 10:00	38.468	38.349	33.569								
4/20/13 10:20	38.468	38.349	33.567								
4/20/13 10:40	38.465	38.347	33.564								
4/20/13 11:00	38.468	38.349	33.562								
4/20/13 11:20	38.463	38.347	33.557								
4/20/13 11:40	38.456	38.342	33.555								
4/20/13 12:00	38.493	38.382	33.780								
4/20/13 12:20	38.493	38.378	33.846								
4/20/13 12:40	38.507	38.394	33.792								
4/20/13 13:00	38.500	38.387	33.696								
4/20/13 13:20	38.510	38.401	33.820								
4/20/13 13:40	38.510	38.401	33.775								
4/20/13 14:00	38.496	38.380	33.886								
4/20/13 14:20	38.472	38.361	33.644								
4/20/13 14:40	38.465	38.347	33.708								
4/20/13 15:00	38.454	38.342	33.618								
4/20/13 15:20	38.454	38.340	33.630								
4/20/13 15:40	38.433	38.319	33.569								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/20/13 16:00	38.465	38.357	33.752								
4/20/13 16:20	38.454	38.345	33.682								
4/20/13 16:40	38.631	38.593	33.590								
4/20/13 17:00	38.712	38.649	33.562								
4/20/13 17:20	38.731	38.719	33.618								
4/20/13 17:40	38.493	38.387	33.576								
4/20/13 18:00	38.505	38.392	33.705								
4/20/13 18:20	38.491	38.380	33.590								
4/20/13 18:40	38.472	38.359	33.562								
4/20/13 19:00	38.472	38.361	33.611								
4/20/13 19:20	38.456	38.340	33.564								
4/20/13 19:40	38.463	38.354	33.682								
4/20/13 20:00	38.468	38.354	33.653								
4/20/13 20:20	38.449	38.335	33.588								
4/20/13 20:40	38.447	38.331	33.567								
4/20/13 21:00	38.454	38.342	33.609								
4/20/13 21:20	38.449	38.335	33.574								
4/20/13 21:40	38.444	38.331	33.562								
4/20/13 22:00	38.444	38.328	33.553								
4/20/13 22:20	38.440	38.321	33.548								
4/20/13 22:40	38.437	38.321	33.543								
4/20/13 23:00	38.433	38.317	33.539								
4/20/13 23:20	38.430	38.312	33.531								
4/20/13 23:40	38.426	38.310	33.529								
4/21/13 0:00	38.428	38.307	33.527								
4/21/13 0:20	38.426	38.307	33.524								
4/21/13 0:40	38.423	38.307	33.524								
4/21/13 1:00	38.421	38.305	33.522								
4/21/13 1:20	38.419	38.300	33.520								
4/21/13 1:40	38.419	38.300	33.515								
4/21/13 2:00	38.419	38.298	33.513								
4/21/13 2:20	38.414	38.296	33.510								
4/21/13 2:40	38.414	38.296	33.510								
4/21/13 3:00	38.414	38.293	33.508								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/21/13 3:20	38.409	38.291	33.506								
4/21/13 3:40	38.407	38.291	33.503								
4/21/13 4:00	38.405	38.286	33.499								
4/21/13 4:20	38.407	38.286	33.496								
4/21/13 4:40	38.405	38.284	33.494								
4/21/13 5:00	38.400	38.282	33.492								
4/21/13 5:20	38.400	38.282	33.489								
4/21/13 5:40	38.400	38.282	33.492								
4/21/13 6:00	38.405	38.286	33.492								
4/21/13 6:20	38.405	38.286	33.492								
4/21/13 6:40	38.409	38.289	33.496								
4/21/13 7:00	38.409	38.291	33.499								
4/21/13 7:20	38.416	38.296	33.501								
4/21/13 7:40	38.416	38.300	33.508								
4/21/13 8:00	38.423	38.303	33.510								
4/21/13 8:20	38.430	38.312	33.517								
4/21/13 8:40	38.435	38.317	33.520								
4/21/13 9:00	38.463	38.345	33.740								
4/21/13 9:20	38.463	38.345	33.578								
4/21/13 9:40	38.458	38.340	33.555								
4/21/13 10:00	38.454	38.335	33.543								
4/21/13 10:20	38.470	38.347	33.858								
4/21/13 10:40	38.475	38.359	33.602								
4/21/13 11:00	38.486	38.368	33.637								
4/21/13 11:20	38.491	38.378	33.639								
4/21/13 11:40	38.530	38.417	33.888								
4/21/13 12:00	38.526	38.417	33.771								
4/21/13 12:20	38.523	38.413	33.736								
4/21/13 12:40	38.516	38.406	33.700								
4/21/13 13:00	38.514	38.403	33.738								
4/21/13 13:20	38.516	38.406	33.761								
4/21/13 13:40	38.491	38.378	33.632								
4/21/13 14:00	38.491	38.380	33.653								
4/21/13 14:20	38.496	38.380	33.846								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/21/13 14:40	38.477	38.364	33.621								
4/21/13 15:00	38.489	38.371	33.820								
4/21/13 15:20	38.528	38.410	33.698								
4/21/13 15:40	38.533	38.417	33.604								
4/21/13 16:00	38.535	38.422	33.684								
4/21/13 16:20	38.505	38.394	33.595								
4/21/13 16:40	38.519	38.403	33.855								
4/21/13 17:00	38.505	38.392	33.616								
4/21/13 17:20	38.493	38.378	33.571								
4/21/13 17:40	38.484	38.368	33.550								
4/21/13 18:00	38.493	38.380	33.637								
4/21/13 18:20	38.477	38.359	33.562								
4/21/13 18:40	38.498	38.385	33.801								
4/21/13 19:00	38.516	38.406	33.858								
4/21/13 19:20	38.521	38.408	33.822								
4/21/13 19:40	38.516	38.406	33.736								
4/21/13 20:00	38.530	38.413	33.972								
4/21/13 20:20	38.523	38.410	33.923								
4/21/13 20:40	38.505	38.392	33.668								
4/21/13 21:00	38.486	38.373	33.616								
4/21/13 21:20	38.477	38.361	33.590								
4/21/13 21:40	38.468	38.354	33.576								
4/21/13 22:00	38.458	38.345	33.564								
4/21/13 22:20	38.456	38.338	33.555								
4/21/13 22:40	38.449	38.331	33.546								
4/21/13 23:00	38.440	38.324	33.539								
4/21/13 23:20	38.437	38.319	33.529								
4/21/13 23:40	38.433	38.314	33.520								
4/22/13 0:00	38.426	38.310	33.517								
4/22/13 0:20	38.423	38.307	33.510								
4/22/13 0:40	38.419	38.303	33.508								
4/22/13 1:00	38.412	38.293	33.501								
4/22/13 1:20	38.405	38.289	33.494								
4/22/13 1:40	38.407	38.291	33.492								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/22/13 2:00	38.405	38.286	33.492								
4/22/13 2:20	38.398	38.279	33.487								
4/22/13 2:40	38.391	38.275	33.480								
4/22/13 3:00	38.388	38.268	33.470								
4/22/13 3:20	38.386	38.268	33.468								
4/22/13 3:40	38.384	38.265	33.468								
4/22/13 4:00	38.379	38.263	33.466								
4/22/13 4:20	38.377	38.261	33.461								
4/22/13 4:40	38.377	38.258	33.456								
4/22/13 5:00	38.370	38.249	33.447								
4/22/13 5:20	38.370	38.247	33.442								
4/22/13 5:40	38.370	38.251	33.447								
4/22/13 6:00	38.379	38.258	33.452								
4/22/13 6:20	38.379	38.261	33.459								
4/22/13 6:40	38.384	38.263	33.463								
4/22/13 7:00	38.379	38.263	33.461								
4/22/13 7:20	38.377	38.263	33.456								
4/22/13 7:40	38.370	38.256	33.442								
4/22/13 8:00	38.372	38.254	33.435								
4/22/13 8:20	38.372	38.254	33.433								
4/22/13 8:40	38.370	38.251	33.431								
4/22/13 9:00	38.367	38.249	33.431								
4/22/13 9:20	38.363	38.247	33.428								
4/22/13 9:40	38.377	38.251	33.677								
4/22/13 10:00	38.370	38.256	33.463								
4/22/13 10:20	38.358	38.247	33.431								
4/22/13 10:40	38.349	38.237	33.414								
4/22/13 11:00	38.349	38.228	33.407								
4/22/13 11:20	38.356	38.228	33.410								
4/22/13 11:40	38.363	38.228	33.398								
4/22/13 12:00	38.351	38.230	33.398								
4/22/13 12:20	38.330	38.216	33.384								
4/22/13 12:40	38.318	38.200	33.370								
4/22/13 13:00	38.311	38.195	33.365								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/22/13 13:20	38.311	38.193	33.363								
4/22/13 13:40	38.302	38.188	33.358								
4/22/13 14:00	38.302	38.184	33.353								
4/22/13 14:20	38.300	38.184	33.351								
4/22/13 14:40	38.297	38.184	33.346								
4/22/13 15:00	38.295	38.181	33.344								
4/22/13 15:20	38.316	38.202	33.517								
4/22/13 15:40	38.314	38.195	33.386								
4/22/13 16:00	38.311	38.193	33.372								
4/22/13 16:20	38.318	38.195	33.370								
4/22/13 16:40	38.323	38.200	33.372								
4/22/13 17:00	38.337	38.202	33.384								
4/22/13 17:20	38.344	38.209	33.395								
4/22/13 17:40	38.353	38.221	33.410								
4/22/13 18:00	38.363	38.235	33.417								
4/22/13 18:20	38.367	38.240	33.424								
4/22/13 18:40	38.400	38.270	33.569								
4/22/13 19:00	38.405	38.282	33.489								
4/22/13 19:20	38.426	38.298	33.494								
4/22/13 19:40	38.477	38.354	33.679								
4/22/13 20:00	38.461	38.345	33.569								
4/22/13 20:20	38.470	38.345	33.550								
4/22/13 20:40	38.472	38.349	33.548								
4/22/13 21:00	38.472	38.347	33.543								
4/22/13 21:20	38.486	38.359	33.548								
4/22/13 21:40	38.498	38.373	33.560								
4/22/13 22:00	38.510	38.396	33.639								
4/22/13 22:20	38.514	38.394	33.602								
4/22/13 22:40	38.537	38.413	33.607								
4/22/13 23:00	38.526	38.415	33.623								
4/22/13 23:20	38.521	38.401	33.602								
4/22/13 23:40	38.521	38.406	33.597								
4/23/13 0:00	38.514	38.401	33.590								
4/23/13 0:20	38.530	38.394	33.590								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/23/13 0:40	38.519	38.392	33.588								
4/23/13 1:00	38.537	38.415	33.616								
4/23/13 1:20	38.521	38.399	33.599								
4/23/13 1:40	38.542	38.399	33.604								
4/23/13 2:00	38.544	38.410	33.614								
4/23/13 2:20	38.530	38.403	33.604								
4/23/13 2:40	38.523	38.408	33.607								
4/23/13 3:00	38.519	38.394	33.592								
4/23/13 3:20	38.512	38.396	33.590								
4/23/13 3:40	38.519	38.387	33.588								
4/23/13 4:00	38.507	38.385	33.581								
4/23/13 4:20	38.510	38.385	33.581								
4/23/13 4:40	38.500	38.380	33.576								
4/23/13 5:00	38.498	38.375	33.571								
4/23/13 5:20	38.498	38.378	33.571								
4/23/13 5:40	38.493	38.375	33.571								
4/23/13 6:00	38.477	38.375	33.581								
4/23/13 6:20	38.486	38.396	33.599								
4/23/13 6:40	38.512	38.371	33.571								
4/23/13 7:00	38.486	38.382	33.588								
4/23/13 7:20	38.496	38.382	33.585								
4/23/13 7:40	38.498	38.389	33.590								
4/23/13 8:00	38.510	38.382	33.576								
4/23/13 8:20	38.498	38.387	33.583								
4/23/13 8:40	38.493	38.392	33.590								
4/23/13 9:00	38.486	38.399	33.599								
4/23/13 9:20	38.484	38.401	33.602								
4/23/13 9:40	38.486	38.401	33.602								
4/23/13 10:00	38.498	38.406	33.602								
4/23/13 10:20	38.503	38.401	33.597								
4/23/13 10:40	38.503	38.408	33.602								
4/23/13 11:00	38.530	38.441	33.815								
4/23/13 11:20	38.544	38.459	33.888								
4/23/13 11:40	38.540	38.455	33.691								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/23/13 12:00	38.554	38.466	33.883								
4/23/13 12:20	38.605	38.508	34.296								
4/23/13 12:40	38.593	38.511	33.825								
4/23/13 13:00	38.572	38.487	33.740								
4/23/13 13:20	38.568	38.466	33.698								
4/23/13 13:40	38.582	38.476	33.743								
4/23/13 14:00	38.575	38.464	33.717								
4/23/13 14:20	38.598	38.490	33.850								
4/23/13 14:40	38.577	38.466	33.717								
4/23/13 15:00	38.598	38.480	33.850								
4/23/13 15:20	38.600	38.476	33.771								
4/23/13 15:40	38.610	38.487	33.794								
4/23/13 16:00	38.612	38.485	33.858								
4/23/13 16:20	38.589	38.459	33.717								
4/23/13 16:40	38.573	38.438	33.675								
4/23/13 17:00	38.561	38.424	33.646								
4/23/13 17:20	38.554	38.413	33.630								
4/23/13 17:40	38.542	38.406	33.618								
4/23/13 18:00	38.533	38.399	33.609								
4/23/13 18:20	38.556	38.408	33.895								
4/23/13 18:40	38.570	38.420	33.930								
4/23/13 19:00	38.575	38.434	33.820								
4/23/13 19:20	38.582	38.448	33.766								
4/23/13 19:40	38.565	38.431	33.668								
4/23/13 20:00	38.547	38.420	33.637								
4/23/13 20:20	38.533	38.410	33.623								
4/23/13 20:40	38.523	38.406	33.614								
4/23/13 21:00	38.512	38.401	33.609								
4/23/13 21:20	38.500	38.396	33.604								
4/23/13 21:40	38.489	38.396	33.609								
4/23/13 22:00	38.482	38.403	33.614								
4/23/13 22:20	38.482	38.403	33.614								
4/23/13 22:40	38.484	38.399	33.609								
4/23/13 23:00	38.484	38.403	33.611								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/23/13 23:20	38.503	38.413	33.670								
4/23/13 23:40	38.498	38.415	33.635								
4/24/13 0:00	38.496	38.413	33.625								
4/24/13 0:20	38.493	38.406	33.616								
4/24/13 0:40	38.491	38.403	33.614								
4/24/13 1:00	38.491	38.403	33.609								
4/24/13 1:20	38.496	38.401	33.604								
4/24/13 1:40	38.491	38.396	33.599								
4/24/13 2:00	38.489	38.392	33.595								
4/24/13 2:20	38.486	38.389	33.595								
4/24/13 2:40	38.489	38.382	33.590								
4/24/13 3:00	38.491	38.380	33.585								
4/24/13 3:20	38.496	38.378	33.576								
4/24/13 3:40	38.496	38.371	33.569								
4/24/13 4:00	38.496	38.366	33.562								
4/24/13 4:20	38.489	38.357	33.557								
4/24/13 4:40	38.491	38.359	33.553								
4/24/13 5:00	38.486	38.354	33.550								
4/24/13 5:20	38.482	38.354	33.548								
4/24/13 5:40	38.477	38.349	33.546								
4/24/13 6:00	38.470	38.349	33.548								
4/24/13 6:20	38.475	38.347	33.543								
4/24/13 6:40	38.477	38.349	33.543								
4/24/13 7:00	38.470	38.349	33.543								
4/24/13 7:20	38.470	38.354	33.543								
4/24/13 7:40	38.468	38.361	33.550								
4/24/13 8:00	38.472	38.357	33.546								
4/24/13 8:20	38.470	38.357	33.543								
4/24/13 8:40	38.482	38.359	33.543								
4/24/13 9:00	38.489	38.361	33.539								
4/24/13 9:20	38.486	38.368	33.541								
4/24/13 9:40	38.491	38.375	33.541								
4/24/13 10:00	38.491	38.373	33.541								
4/24/13 10:20	38.489	38.378	33.543								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/24/13 10:40	38.486	38.378	33.546								
4/24/13 11:00	38.482	38.375	33.548								
4/24/13 11:20	38.484	38.380	33.550								
4/24/13 11:40	38.486	38.378	33.548								
4/24/13 12:00	38.489	38.378	33.550								
4/24/13 12:20	38.491	38.375	33.543								
4/24/13 12:40	38.503	38.373	33.682								
4/24/13 13:00	38.507	38.378	33.578								
4/24/13 13:20	38.510	38.366	33.548								
4/24/13 13:40	38.510	38.361	33.534								
4/24/13 14:00	38.507	38.354	33.524								
4/24/13 14:20	38.505	38.347	33.513								
4/24/13 14:40	38.503	38.340	33.503								
4/24/13 15:00	38.496	38.331	33.499								
4/24/13 15:20	38.491	38.324	33.489								
4/24/13 15:40	38.489	38.314	33.480								
4/24/13 16:00	38.486	38.307	33.473								
4/24/13 16:20	38.482	38.300	33.461								
4/24/13 16:40	38.493	38.312	33.672								
4/24/13 17:00	38.484	38.303	33.489								
4/24/13 17:20	38.503	38.317	33.461								
4/24/13 17:40	38.533	38.342	33.452								
4/24/13 18:00	38.561	38.375	33.449								
4/24/13 18:20	38.619	38.436	33.564								
4/24/13 18:40	38.661	38.483	33.639								
4/24/13 19:00	38.705	38.529	33.682								
4/24/13 19:20	38.715	38.532	33.642								
4/24/13 19:40	38.736	38.567	33.712								
4/24/13 20:00	38.722	38.560	33.595								
4/24/13 20:20	38.710	38.560	33.571								
4/24/13 20:40	38.719	38.588	33.684								
4/24/13 21:00	38.708	38.586	33.602								
4/24/13 21:20	38.703	38.590	33.592								
4/24/13 21:40	38.703	38.595	33.592								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/24/13 22:00	38.705	38.607	33.597								
4/24/13 22:20	38.703	38.616	33.607								
4/24/13 22:40	38.703	38.628	33.616								
4/24/13 23:00	38.715	38.635	33.623								
4/24/13 23:20	38.719	38.644	33.630								
4/24/13 23:40	38.726	38.651	33.635								
4/25/13 0:00	38.731	38.658	33.642								
4/25/13 0:20	38.738	38.665	33.646								
4/25/13 0:40	38.743	38.667	33.649								
4/25/13 1:00	38.750	38.674	33.656								
4/25/13 1:20	38.754	38.681	33.663								
4/25/13 1:40	38.759	38.684	33.663								
4/25/13 2:00	38.761	38.688	33.668								
4/25/13 2:20	38.768	38.688	33.672								
4/25/13 2:40	38.775	38.688	33.670								
4/25/13 3:00	38.782	38.688	33.668								
4/25/13 3:20	38.787	38.688	33.665								
4/25/13 3:40	38.789	38.686	33.663								
4/25/13 4:00	38.794	38.686	33.663								
4/25/13 4:20	38.792	38.684	33.660								
4/25/13 4:40	38.792	38.684	33.660								
4/25/13 5:00	38.792	38.684	33.660								
4/25/13 5:20	38.794	38.681	33.660								
4/25/13 5:40	38.794	38.684	33.660								
4/25/13 6:00	38.799	38.679	33.658								
4/25/13 6:20	38.799	38.681	33.658								
4/25/13 6:40	38.792	38.688	33.663								
4/25/13 7:00	38.799	38.684	33.663								
4/25/13 7:20	38.801	38.684	33.665								
4/25/13 7:40	38.803	38.688	33.665								
4/25/13 8:00	38.803	38.693	33.668								
4/25/13 8:20	38.803	38.698	33.672								
4/25/13 8:40	38.808	38.698	33.675								
4/25/13 9:00	38.810	38.700	33.675								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/25/13 9:20	38.838	38.726	33.829								
4/25/13 9:40	38.838	38.721	33.717								
4/25/13 10:00	38.841	38.716	33.698								
4/25/13 10:20	38.862	38.737	33.775								
4/25/13 10:40	38.878	38.744	33.982								
4/25/13 11:00	38.887	38.756	33.930								
4/25/13 11:20	38.878	38.744	33.761								
4/25/13 11:40	38.913	38.763	33.961								
4/25/13 12:00	38.920	38.780	33.858								
4/25/13 12:20	38.920	38.773	33.850								
4/25/13 12:40	38.929	38.775	33.879								
4/25/13 13:00	38.925	38.759	34.022								
4/25/13 13:20	38.927	38.751	34.008								
4/25/13 13:40	38.892	38.735	33.780								
4/25/13 14:00	38.920	38.754	34.207								
4/25/13 14:20	38.969	38.798	34.399								
4/25/13 14:40	39.023	38.857	34.535								
4/25/13 15:00	39.013	38.850	34.472								
4/25/13 15:20	38.992	38.829	34.524								
4/25/13 15:40	38.988	38.829	34.718								
4/25/13 16:00	38.964	38.808	34.587								
4/25/13 16:20	38.950	38.791	34.540								
4/25/13 16:40	38.957	38.798	34.636								
4/25/13 17:00	38.943	38.791	34.737								
4/25/13 17:20	38.925	38.780	34.617								
4/25/13 17:40	38.887	38.742	34.427								
4/25/13 18:00	38.827	38.684	34.214								
4/25/13 18:20	38.841	38.691	34.479								
4/25/13 18:40	38.845	38.691	34.531								
4/25/13 19:00	38.864	38.714	34.650								
4/25/13 19:20	38.808	38.656	34.212								
4/25/13 19:40	38.729	38.579	33.958								
4/25/13 20:00	38.675	38.518	33.839								
4/25/13 20:20	38.631	38.476	33.768								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/25/13 20:40	38.598	38.438	33.710								
4/25/13 21:00	38.563	38.417	33.672								
4/25/13 21:20	38.537	38.399	33.642								
4/25/13 21:40	38.516	38.380	33.618								
4/25/13 22:00	38.493	38.368	33.602								
4/25/13 22:20	38.472	38.361	33.590								
4/25/13 22:40	38.468	38.352	33.578								
4/25/13 23:00	38.458	38.345	33.564								
4/25/13 23:20	38.454	38.335	33.553								
4/25/13 23:40	38.442	38.331	33.543								
4/26/13 0:00	38.437	38.324	33.536								
4/26/13 0:20	38.442	38.307	33.515								
4/26/13 0:40	38.433	38.312	33.508								
4/26/13 1:00	38.416	38.314	33.510								
4/26/13 1:20	38.407	38.317	33.517								
4/26/13 1:40	38.414	38.314	33.517								
4/26/13 2:00	38.419	38.305	33.506								
4/26/13 2:20	38.423	38.300	33.494								
4/26/13 2:40	38.416	38.293	33.482								
4/26/13 3:00	38.416	38.279	33.468								
4/26/13 3:20	38.414	38.268	33.452								
4/26/13 3:40	38.409	38.261	33.442								
4/26/13 4:00	38.405	38.251	33.428								
4/26/13 4:20	38.400	38.249	33.421								
4/26/13 4:40	38.393	38.247	33.419								
4/26/13 5:00	38.384	38.240	33.412								
4/26/13 5:20	38.351	38.233	33.405								
4/26/13 5:40	38.346	38.230	33.400								
4/26/13 6:00	38.344	38.223	33.393								
4/26/13 6:20	38.344	38.223	33.386								
4/26/13 6:40	38.342	38.221	33.384								
4/26/13 7:00	38.342	38.223	33.384								
4/26/13 7:20	38.344	38.226	33.384								
4/26/13 7:40	38.346	38.230	33.386								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/26/13 8:00	38.356	38.237	33.386								
4/26/13 8:20	38.370	38.244	33.384								
4/26/13 8:40	38.370	38.242	33.377								
4/26/13 9:00	38.360	38.242	33.381								
4/26/13 9:20	38.349	38.249	33.391								
4/26/13 9:40	38.344	38.258	33.398								
4/26/13 10:00	38.349	38.261	33.400								
4/26/13 10:20	38.344	38.263	33.400								
4/26/13 10:40	38.428	38.270	33.407								
4/26/13 11:00	38.384	38.331	33.410								
4/26/13 11:20	38.365	38.282	33.412								
4/26/13 11:40	38.370	38.289	33.412								
4/26/13 12:00	38.428	38.422	33.529								
4/26/13 12:20	38.547	38.401	33.449								
4/26/13 12:40	38.433	38.357	33.524								
4/26/13 13:00	38.440	38.352	33.461								
4/26/13 13:20	38.512	38.394	33.445								
4/26/13 13:40	38.582	38.427	33.440								
4/26/13 14:00	38.463	38.364	33.433								
4/26/13 14:20	38.505	38.392	33.431								
4/26/13 14:40	38.472	38.436	33.433								
4/26/13 15:00	38.521	38.548	33.426								
4/26/13 15:20	38.540	38.478	33.424								
4/26/13 15:40	38.503	38.487	33.426								
4/26/13 16:00	38.542	38.504	33.424								
4/26/13 16:20	38.447	38.347	33.426								
4/26/13 16:40	38.440	38.335	33.637								
4/26/13 17:00	38.437	38.338	33.604								
4/26/13 17:20	38.444	38.345	33.604								
4/26/13 17:40	38.416	38.326	33.494								
4/26/13 18:00	38.402	38.312	33.466								
4/26/13 18:20	38.405	38.328	33.517								
4/26/13 18:40	38.416	38.347	33.630								
4/26/13 19:00	38.433	38.364	33.670								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/26/13 19:20	38.435	38.361	33.614								
4/26/13 19:40	38.416	38.345	33.529								
4/26/13 20:00	38.407	38.338	33.503								
4/26/13 20:20	38.402	38.333	33.489								
4/26/13 20:40	38.398	38.331	33.480								
4/26/13 21:00	38.395	38.328	33.475								
4/26/13 21:20	38.395	38.328	33.475								
4/26/13 21:40	38.395	38.326	33.478								
4/26/13 22:00	38.395	38.324	33.473								
4/26/13 22:20	38.395	38.326	33.475								
4/26/13 22:40	38.402	38.328	33.475								
4/26/13 23:00	38.405	38.335	33.475								
4/26/13 23:20	38.407	38.335	33.475								
4/26/13 23:40	38.414	38.331	33.475								
4/27/13 0:00	38.419	38.331	33.470								
4/27/13 0:20	38.416	38.331	33.470								
4/27/13 0:40	38.414	38.331	33.470								
4/27/13 1:00	38.414	38.335	33.473								
4/27/13 1:20	38.419	38.333	33.470								
4/27/13 1:40	38.421	38.331	33.468								
4/27/13 2:00	38.426	38.326	33.463								
4/27/13 2:20	38.428	38.324	33.459								
4/27/13 2:40	38.433	38.317	33.454								
4/27/13 3:00	38.433	38.310	33.447								
4/27/13 3:20	38.433	38.305	33.440								
4/27/13 3:40	38.430	38.305	33.435								
4/27/13 4:00	38.428	38.303	33.433								
4/27/13 4:20	38.426	38.298	33.428								
4/27/13 4:40	38.419	38.293	33.426								
4/27/13 5:00	38.414	38.289	33.426								
4/27/13 5:20	38.414	38.286	33.424								
4/27/13 5:40	38.409	38.284	33.419								
4/27/13 6:00	38.407	38.279	33.414								
4/27/13 6:20	38.407	38.282	33.414								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/27/13 6:40	38.405	38.282	33.412								
4/27/13 7:00	38.402	38.282	33.412								
4/27/13 7:20	38.398	38.282	33.414								
4/27/13 7:40	38.398	38.286	33.417								
4/27/13 8:00	38.393	38.289	33.419								
4/27/13 8:20	38.412	38.305	33.705								
4/27/13 8:40	38.426	38.324	33.478								
4/27/13 9:00	38.426	38.324	33.456								
4/27/13 9:20	38.423	38.321	33.447								
4/27/13 9:40	38.428	38.321	33.442								
4/27/13 10:00	38.435	38.321	33.438								
4/27/13 10:20	38.440	38.319	33.435								
4/27/13 10:40	38.440	38.319	33.433								
4/27/13 11:00	38.444	38.321	33.431								
4/27/13 11:20	38.444	38.324	33.431								
4/27/13 11:40	38.444	38.319	33.428								
4/27/13 12:00	38.479	38.349	33.792								
4/27/13 12:20	38.472	38.345	33.508								
4/27/13 12:40	38.463	38.326	33.463								
4/27/13 13:00	38.461	38.317	33.442								
4/27/13 13:20	38.456	38.305	33.426								
4/27/13 13:40	38.454	38.296	33.414								
4/27/13 14:00	38.463	38.305	33.461								
4/27/13 14:20	38.496	38.340	33.630								
4/27/13 14:40	38.493	38.333	33.614								
4/27/13 15:00	38.489	38.317	33.707								
4/27/13 15:20	38.496	38.331	33.616								
4/27/13 15:40	38.468	38.303	33.463								
4/27/13 16:00	38.458	38.284	33.440								
4/27/13 16:20	38.454	38.279	33.435								
4/27/13 16:40	38.435	38.261	33.391								
4/27/13 17:00	38.421	38.244	33.363								
4/27/13 17:20	38.426	38.249	33.346								
4/27/13 17:40	38.421	38.240	33.332								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/27/13 18:00	38.423	38.251	33.316								
4/27/13 18:20	38.440	38.268	33.316								
4/27/13 18:40	38.489	38.312	33.517								
4/27/13 19:00	38.530	38.349	33.658								
4/27/13 19:20	38.500	38.328	33.431								
4/27/13 19:40	38.468	38.293	33.370								
4/27/13 20:00	38.440	38.268	33.344								
4/27/13 20:20	38.412	38.251	33.327								
4/27/13 20:40	38.395	38.233	33.318								
4/27/13 21:00	38.381	38.221	33.306								
4/27/13 21:20	38.386	38.240	33.447								
4/27/13 21:40	38.388	38.244	33.616								
4/27/13 22:00	38.414	38.268	33.775								
4/27/13 22:20	38.412	38.275	33.520								
4/27/13 22:40	38.391	38.249	33.402								
4/27/13 23:00	38.370	38.235	33.365								
4/27/13 23:20	38.377	38.242	33.574								
4/27/13 23:40	38.365	38.233	33.377								
4/28/13 0:00	38.358	38.221	33.344								
4/28/13 0:20	38.351	38.209	33.323								
4/28/13 0:40	38.344	38.200	33.309								
4/28/13 1:00	38.339	38.195	33.302								
4/28/13 1:20	38.351	38.207	33.410								
4/28/13 1:40	38.344	38.198	33.320								
4/28/13 2:00	38.342	38.188	33.295								
4/28/13 2:20	38.353	38.202	33.346								
4/28/13 2:40	38.360	38.207	33.377								
4/28/13 3:00	38.351	38.188	33.313								
4/28/13 3:20	38.339	38.177	33.285								
4/28/13 3:40	38.335	38.170	33.271								
4/28/13 4:00	38.330	38.163	33.259								
4/28/13 4:20	38.321	38.156	33.250								
4/28/13 4:40	38.314	38.148	33.243								
4/28/13 5:00	38.304	38.146	33.238								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/28/13 5:20	38.300	38.139	33.231								
4/28/13 5:40	38.295	38.134	33.227								
4/28/13 6:00	38.295	38.132	33.220								
4/28/13 6:20	38.288	38.130	33.212								
4/28/13 6:40	38.281	38.127	33.212								
4/28/13 7:00	38.276	38.125	33.212								
4/28/13 7:20	38.276	38.123	33.208								
4/28/13 7:40	38.274	38.123	33.205								
4/28/13 8:00	38.276	38.125	33.203								
4/28/13 8:20	38.276	38.123	33.198								
4/28/13 8:40	38.279	38.123	33.196								
4/28/13 9:00	38.281	38.120	33.194								
4/28/13 9:20	38.279	38.123	33.194								
4/28/13 9:40	38.297	38.137	33.252								
4/28/13 10:00	38.323	38.151	33.492								
4/28/13 10:20	38.400	38.228	33.759								
4/28/13 10:40	38.461	38.289	34.134								
4/28/13 11:00	38.505	38.338	34.165								
4/28/13 11:20	38.533	38.371	34.022								
4/28/13 11:40	38.570	38.415	34.371								
4/28/13 12:00	38.547	38.445	34.214								
4/28/13 12:20	38.577	38.473	34.305								
4/28/13 12:40	38.605	38.504	34.338								
4/28/13 13:00	38.619	38.520	34.510								
4/28/13 13:20	38.633	38.536	34.514								
4/28/13 13:40	38.631	38.534	34.481								
4/28/13 14:00	38.565	38.471	33.904								
4/28/13 14:20	38.498	38.389	33.675								
4/28/13 14:40	38.451	38.333	33.553								
4/28/13 15:00	38.414	38.286	33.470								
4/28/13 15:20	38.381	38.249	33.410								
4/28/13 15:40	38.367	38.228	33.365								
4/28/13 16:00	38.360	38.219	33.330								
4/28/13 16:20	38.370	38.226	33.391								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/28/13 16:40	38.335	38.188	33.306								
4/28/13 17:00	38.307	38.160	33.266								
4/28/13 17:20	38.286	38.137	33.238								
4/28/13 17:40	38.265	38.116	33.215								
4/28/13 18:00	38.272	38.123	33.283								
4/28/13 18:20	38.279	38.130	33.353								
4/28/13 18:40	38.260	38.106	33.231								
4/28/13 19:00	38.274	38.118	33.339								
4/28/13 19:20	38.321	38.165	33.747								
4/28/13 19:40	38.351	38.193	33.775								
4/28/13 20:00	38.379	38.240	33.668								
4/28/13 20:20	38.342	38.193	33.672								
4/28/13 20:40	38.321	38.181	33.433								
4/28/13 21:00	38.321	38.184	33.714								
4/28/13 21:20	38.309	38.179	33.447								
4/28/13 21:40	38.269	38.144	33.309								
4/28/13 22:00	38.239	38.120	33.257								
4/28/13 22:20	38.223	38.104	33.224								
4/28/13 22:40	38.211	38.092	33.203								
4/28/13 23:00	38.202	38.083	33.184								
4/28/13 23:20	38.192	38.074	33.173								
4/28/13 23:40	38.192	38.071	33.166								
4/29/13 0:00	38.209	38.088	33.234								
4/29/13 0:20	38.197	38.083	33.189								
4/29/13 0:40	38.195	38.081	33.177								
4/29/13 1:00	38.192	38.074	33.168								
4/29/13 1:20	38.211	38.099	33.257								
4/29/13 1:40	38.206	38.090	33.196								
4/29/13 2:00	38.199	38.083	33.177								
4/29/13 2:20	38.199	38.078	33.163								
4/29/13 2:40	38.197	38.074	33.154								
4/29/13 3:00	38.195	38.074	33.149								
4/29/13 3:20	38.195	38.074	33.142								
4/29/13 3:40	38.192	38.071	33.142								

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/29/13 4:00	38.188	38.067	33.135								
4/29/13 4:20	38.181	38.069	33.137								
4/29/13 4:40	38.183	38.071	33.137								
4/29/13 5:00	38.183	38.069	33.135								
4/29/13 5:20	38.181	38.071	33.135								
4/29/13 5:40	38.178	38.069	33.135								
4/29/13 6:00	38.183	38.067	33.133								
4/29/13 6:20	38.181	38.071	33.135								
4/29/13 6:40	38.183	38.074	33.135								
4/29/13 7:00	38.183	38.074	33.133								
4/29/13 7:20	38.183	38.074	33.135								
4/29/13 7:40	38.188	38.076	33.130								
4/29/13 8:00	38.199	38.076	33.128								
4/29/13 8:20	38.197	38.090	33.135								
10/8/13 16:00	39.104	39.125									
10/8/13 17:00	39.069	39.027									
10/8/13 18:00	39.037	39.044									
10/8/13 19:00	38.666	38.536									
10/8/13 20:00	38.579	38.462									
10/8/13 21:00	38.624	38.389									
10/8/13 22:00	38.771	38.625									
10/8/13 23:00	38.759	38.588									
10/9/13 0:00	38.633	38.424									
10/9/13 1:00	38.533	38.270									
10/9/13 2:00	38.468	38.198									
10/9/13 3:00	38.512	38.251									
10/9/13 4:00	38.458	38.174									
10/9/13 5:00	38.416	38.132									
10/9/13 6:00	38.400	38.118									
10/9/13 7:00	38.435	38.181									
10/9/13 8:00	38.593	38.389									
10/9/13 9:00	38.503	38.249									
10/9/13 10:00	38.556	38.310									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/9/13 11:00	38.523	38.314									
10/9/13 12:00	38.715	38.536									
10/9/13 13:00	38.836	38.632									
10/9/13 14:00	38.932	38.796									
10/9/13 15:00	38.957	38.864									
10/9/13 16:00	38.925	38.759									
10/9/13 17:00	39.057	38.981									
10/9/13 18:00	38.908	38.775									
10/9/13 19:00	38.652	38.385									
10/9/13 20:00	38.540	38.254									
10/9/13 21:00	38.537	38.251									
10/9/13 22:00	38.649	38.373									
10/9/13 23:00	38.698	38.429									
10/10/13 0:00	38.736	38.464									
10/10/13 1:00	38.750	38.485									
10/10/13 2:00	38.815	38.508									
10/10/13 3:00	38.796	38.513									
10/10/13 4:00	38.803	38.529									
10/10/13 5:00	38.789	38.527									
10/10/13 6:00	38.815	38.525									
10/10/13 7:00	38.827	38.513									
10/10/13 8:00	39.037	38.840									
10/10/13 9:00	39.030	38.826									
10/10/13 10:00	39.134	39.023									
10/10/13 11:00	39.158	39.011									
10/10/13 12:00	39.225	39.130									
10/10/13 13:00	39.074	38.889									
10/10/13 14:00	38.962	38.691									
10/10/13 15:00	39.279	39.163									
10/10/13 16:00	39.368	39.270									
10/10/13 17:00	39.386	39.275									
10/10/13 18:00	39.333	39.235									
10/10/13 19:00	39.146	38.936									
10/10/13 20:00	39.155	39.121									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/10/13 21:00	39.354	39.350									
10/10/13 22:00	39.281	39.282									
10/10/13 23:00	39.314	39.361									
10/11/13 0:00	39.323	39.397									
10/11/13 1:00	38.906	38.829									
10/11/13 2:00	38.682	38.541									
10/11/13 3:00	38.649	38.448									
10/11/13 4:00	39.062	39.006									
10/11/13 5:00	39.085	39.037									
10/11/13 6:00	39.134	39.109									
10/11/13 7:00	38.995	38.903									
10/11/13 8:00	38.761	38.637									
10/11/13 9:00	38.617	38.536									
10/11/13 10:00	38.715	38.733									
10/11/13 11:00	38.663	38.653									
10/11/13 12:00	38.439	38.317									
10/11/13 13:00	38.521	38.473									
10/11/13 14:00	38.335	38.193									
10/11/13 15:00	38.290	38.139									
10/11/13 16:00	38.265	38.125									
10/11/13 17:00	38.330	38.277									
10/11/13 18:00	38.523	38.541									
10/11/13 19:00	38.549	38.590									
10/11/13 20:00	38.428	38.384									
10/11/13 21:00	38.496	38.469									
10/11/13 22:00	38.570	38.595									
10/11/13 23:00	38.598	38.579									
10/12/13 0:00	38.633	38.597									
10/12/13 1:00	38.656	38.616									
10/12/13 2:00	38.677	38.642									
10/12/13 3:00	38.696	38.658									
10/12/13 4:00	38.726	38.674									
10/12/13 5:00	38.738	38.684									
10/12/13 6:00	38.750	38.712									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/12/13 7:00	38.754	38.733									
10/12/13 8:00	38.778	38.768									
10/12/13 9:00	38.794	38.780									
10/12/13 10:00	38.803	38.791									
10/12/13 11:00	39.165	39.256									
10/12/13 12:00	39.011	38.971									
10/12/13 13:00	38.967	38.896									
10/12/13 14:00	38.945	38.838									
10/12/13 15:00	38.936	38.801									
10/12/13 16:00	38.885	38.735									
10/12/13 17:00	38.738	38.579									
10/12/13 18:00	38.684	38.534									
10/12/13 19:00	38.624	38.471									
10/12/13 20:00	38.575	38.443									
10/12/13 21:00	38.547	38.427									
10/12/13 22:00	38.526	38.422									
10/12/13 23:00	38.516	38.419									
10/13/13 0:00	38.510	38.424									
10/13/13 1:00	38.514	38.422									
10/13/13 2:00	38.526	38.419									
10/13/13 3:00	38.533	38.415									
10/13/13 4:00	38.540	38.410									
10/13/13 5:00	38.535	38.408									
10/13/13 6:00	38.533	38.408									
10/13/13 7:00	38.535	38.410									
10/13/13 8:00	38.523	38.417									
10/13/13 9:00	38.528	38.422									
10/13/13 10:00	38.533	38.424									
10/13/13 11:00	38.845	38.843									
10/13/13 12:00	39.109	39.160									
10/13/13 13:00	39.151	39.163									
10/13/13 14:00	39.148	39.086									
10/13/13 15:00	39.181	39.095									
10/13/13 16:00	39.181	39.104									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/13/13 17:00	39.174	39.097									
10/13/13 18:00	39.144	39.048									
10/13/13 19:00	38.948	38.775									
10/13/13 20:00	38.717	38.485									
10/13/13 21:00	38.652	38.466									
10/13/13 22:00	38.775	38.455									
10/13/13 23:00	38.813	38.576									
10/14/13 0:00	38.675	38.373									
10/14/13 1:00	38.645	38.359									
10/14/13 2:00	38.591	38.300									
10/14/13 3:00	38.551	38.256									
10/14/13 4:00	38.561	38.256									
10/14/13 5:00	38.570	38.272									
10/14/13 6:00	38.510	38.221									
10/14/13 7:00	38.593	38.380									
10/14/13 8:00	38.521	38.244									
10/14/13 9:00	38.610	38.452									
10/14/13 10:00	38.822	38.677									
10/14/13 11:00	38.876	38.766									
10/14/13 12:00	38.929	38.800									
10/14/13 13:00	39.083	39.006									
10/14/13 14:00	39.120	39.041									
10/14/13 15:00	39.165	39.125									
10/14/13 16:00	39.130	39.067									
10/14/13 17:00	38.841	38.684									
10/14/13 18:00	38.943	38.892									
10/14/13 19:00	38.405	38.272									
10/14/13 20:00	38.384	38.244									
10/14/13 21:00	38.507	38.406									
10/14/13 22:00	38.883	39.002									
10/14/13 23:00	38.794	38.838									
10/15/13 0:00	38.614	38.572									
10/15/13 1:00	38.638	38.583									
10/15/13 2:00	38.635	38.578									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/15/13 3:00	38.701	38.681									
10/15/13 4:00	38.722	38.681									
10/15/13 5:00	38.680	38.620									
10/15/13 6:00	38.687	38.628									
10/15/13 7:00	38.694	38.639									
10/15/13 8:00	38.703	38.653									
10/15/13 9:00	38.878	38.957									
10/15/13 10:00	39.272	39.453									
10/15/13 11:00	39.405	39.565									
10/15/13 12:00	39.496	39.637									
10/15/13 13:00	39.526	39.635									
10/15/13 14:00	39.617	39.745									
10/15/13 15:00	39.619	39.733									
10/15/13 16:00	39.454	39.551									
10/15/13 17:00	39.351	39.432									
10/15/13 18:00	39.097	39.069									
10/15/13 19:00	38.764	38.646									
10/15/13 20:00	38.631	38.532									
10/15/13 21:00	38.556	38.466									
10/15/13 22:00	38.514	38.436									
10/15/13 23:00	38.495	38.412									
10/16/13 0:00	38.489	38.391									
10/16/13 1:00	38.479	38.368									
10/16/13 2:00	38.468	38.349									
10/16/13 3:00	38.461	38.331									
10/16/13 4:00	38.437	38.319									
10/16/13 5:00	38.437	38.307									
10/16/13 6:00	38.430	38.303									
10/16/13 7:00	38.432	38.296									
10/16/13 8:00	38.421	38.298									
10/16/13 9:00	38.435	38.314									
10/16/13 10:00	38.430	38.303									
10/16/13 11:00	38.432	38.291									
10/16/13 12:00	38.456	38.286									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/16/13 13:00	38.451	38.263									
10/16/13 14:00	38.456	38.233									
10/16/13 15:00	38.449	38.207									
10/16/13 16:00	38.451	38.205									
10/16/13 17:00	38.419	38.183									
10/16/13 18:00	38.402	38.170									
10/16/13 19:00	38.391	38.160									
10/16/13 20:00	38.395	38.179									
10/16/13 21:00	38.372	38.172									
10/16/13 22:00	38.377	38.191									
10/16/13 23:00	38.358	38.179									
10/17/13 0:00	38.353	38.167									
10/17/13 1:00	38.342	38.160									
10/17/13 2:00	38.334	38.146									
10/17/13 3:00	38.323	38.137									
10/17/13 4:00	38.332	38.141									
10/17/13 5:00	38.318	38.125									
10/17/13 6:00	38.307	38.118									
10/17/13 7:00	38.300	38.118									
10/17/13 8:00	38.293	38.125									
10/17/13 9:00	38.283	38.139									
10/17/13 10:00	38.281	38.151									
10/17/13 11:00	38.311	38.184									
10/17/13 12:00	38.314	38.174									
10/17/13 13:00	38.321	38.165									
10/17/13 14:00	38.342	38.177									
10/17/13 15:00	38.349	38.165									
10/17/13 16:00	38.330	38.141									
10/17/13 17:00	38.316	38.134									
10/17/13 18:00	38.318	38.153									
10/17/13 19:00	38.330	38.200									
10/17/13 20:00	38.414	38.321									
10/17/13 21:00	38.500	38.434									
10/17/13 22:00	38.561	38.504									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/17/13 23:00	38.468	38.387									
10/18/13 0:00	38.454	38.356									
10/18/13 1:00	38.419	38.314									
10/18/13 2:00	38.407	38.286									
10/18/13 3:00	38.388	38.272									
10/18/13 4:00	38.384	38.256									
10/18/13 5:00	38.379	38.249									
10/18/13 6:00	38.370	38.251									
10/18/13 7:00	38.363	38.261									
10/18/13 8:00	38.388	38.254									
10/18/13 9:00	38.388	38.263									
10/18/13 10:00	38.386	38.321									
10/18/13 11:00	38.391	38.375									
10/18/13 12:00	38.393	38.380									
10/18/13 13:00	38.414	38.368									
10/18/13 14:00	38.428	38.359									
10/18/13 15:00	38.428	38.321									
10/18/13 16:00	38.426	38.244									
10/18/13 17:00	38.423	38.230									
10/18/13 18:00	38.416	38.214									
10/18/13 19:00	38.412	38.226									
10/18/13 20:00	38.400	38.214									
10/18/13 21:00	38.421	38.242									
10/18/13 22:00	38.400	38.228									
10/18/13 23:00	38.393	38.223									
10/19/13 0:00	38.393	38.214									
10/19/13 1:00	38.391	38.200									
10/19/13 2:00	38.374	38.193									
10/19/13 3:00	38.365	38.181									
10/19/13 4:00	38.356	38.170									
10/19/13 5:00	38.349	38.163									
10/19/13 6:00	38.346	38.156									
10/19/13 7:00	38.346	38.153									
10/19/13 8:00	38.365	38.172									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/19/13 9:00	38.349	38.160									
10/19/13 10:00	38.346	38.167									
10/19/13 11:00	38.363	38.156									
10/19/13 12:00	38.381	38.156									
10/19/13 13:00	38.395	38.151									
10/19/13 14:00	38.381	38.120									
10/19/13 15:00	38.372	38.095									
10/19/13 16:00	38.360	38.076									
10/19/13 17:00	38.344	38.057									
10/19/13 18:00	38.332	38.048									
10/19/13 19:00	38.316	38.041									
10/19/13 20:00	38.300	38.043									
10/19/13 21:00	38.307	38.060									
10/19/13 22:00	38.297	38.062									
10/19/13 23:00	38.295	38.062									
10/20/13 0:00	38.293	38.057									
10/20/13 1:00	38.293	38.053									
10/20/13 2:00	38.286	38.043									
10/20/13 3:00	38.276	38.032									
10/20/13 4:00	38.267	38.020									
10/20/13 5:00	38.253	38.010									
10/20/13 6:00	38.237	38.006									
10/20/13 7:00	38.230	38.003									
10/20/13 8:00	38.227	38.004									
10/20/13 9:00	38.218	38.039									
10/20/13 10:00	38.227	38.032									
10/20/13 11:00	38.220	38.043									
10/20/13 12:00	38.244	38.067									
10/20/13 13:00	38.258	38.062									
10/20/13 14:00	38.262	38.060									
10/20/13 15:00	38.274	38.057									
10/20/13 16:00	38.269	38.055									
10/20/13 17:00	38.332	38.134									
10/20/13 18:00	38.307	38.130									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/20/13 19:00	38.272	38.118									
10/20/13 20:00	38.288	38.163									
10/20/13 21:00	38.286	38.172									
10/20/13 22:00	38.272	38.179									
10/20/13 23:00	38.267	38.198									
10/21/13 0:00	38.274	38.219									
10/21/13 1:00	38.283	38.235									
10/21/13 2:00	38.297	38.247									
10/21/13 3:00	38.335	38.282									
10/21/13 4:00	38.325	38.265									
10/21/13 5:00	38.316	38.265									
10/21/13 6:00	38.416	38.265									
10/21/13 7:00	38.395	38.263									
10/21/13 8:00	38.377	38.268									
10/21/13 9:00	38.391	38.282									
10/21/13 10:00	38.391	38.291									
10/21/13 11:00	38.486	38.314									
10/21/13 12:00	38.498	38.319									
10/21/13 13:00	38.533	38.335									
10/21/13 14:00	38.505	38.270									
10/21/13 15:00	38.523	38.268									
10/21/13 16:00	38.512	38.279									
10/21/13 17:00	38.449	38.221									
10/21/13 18:00	38.470	38.240									
10/21/13 19:00	38.454	38.216									
10/21/13 20:00	38.491	38.186									
10/21/13 21:00	38.479	38.172									
10/21/13 22:00	38.465	38.167									
10/21/13 23:00	38.451	38.165									
10/22/13 0:00	38.454	38.172									
10/22/13 1:00	38.456	38.167									
10/22/13 2:00	38.444	38.160									
10/22/13 3:00	38.454	38.174									
10/22/13 4:00	38.437	38.151									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/22/13 5:00	38.423	38.137									
10/22/13 6:00	38.402	38.134									
10/22/13 7:00	38.381	38.137									
10/22/13 8:00	38.367	38.148									
10/22/13 9:00	38.365	38.158									
10/22/13 10:00	38.386	38.188									
10/22/13 11:00	38.384	38.186									
10/22/13 12:00	38.400	38.205									
10/22/13 13:00	38.405	38.197									
10/22/13 14:00	38.458	38.233									
10/22/13 15:00	38.475	38.230									
10/22/13 16:00	38.437	38.202									
10/22/13 17:00	38.514	38.293									
10/22/13 18:00	38.465	38.254									
10/22/13 19:00	38.475	38.270									
10/22/13 20:00	38.437	38.237									
10/22/13 21:00	38.412	38.235									
10/22/13 22:00	38.393	38.244									
10/22/13 23:00	38.468	38.256									
10/23/13 0:00	38.475	38.258									
10/23/13 1:00	38.470	38.263									
10/23/13 2:00	38.458	38.270									
10/23/13 3:00	38.461	38.265									
10/23/13 4:00	38.458	38.261									
10/23/13 5:00	38.449	38.258									
10/23/13 6:00	38.442	38.251									
10/23/13 7:00	38.442	38.244									
10/23/13 8:00	38.442	38.237									
10/23/13 9:00	38.435	38.235									
10/23/13 10:00	38.442	38.230									
10/23/13 11:00	38.475	38.235									
10/23/13 12:00	38.472	38.209									
10/23/13 13:00	38.491	38.202									
10/23/13 14:00	38.479	38.181									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/23/13 15:00	38.477	38.160									
10/23/13 16:00	38.519	38.207									
10/23/13 17:00	38.384	38.174									
10/23/13 18:00	38.365	38.160									
10/23/13 19:00	38.398	38.237									
10/23/13 20:00	38.412	38.300									
10/23/13 21:00	38.351	38.258									
10/23/13 22:00	38.388	38.265									
10/23/13 23:00	38.409	38.279									
10/24/13 0:00	38.407	38.296									
10/24/13 1:00	38.463	38.314									
10/24/13 2:00	38.458	38.326									
10/24/13 3:00	38.447	38.338									
10/24/13 4:00	38.503	38.345									
10/24/13 5:00	38.482	38.352									
10/24/13 6:00	38.526	38.359									
10/24/13 7:00	38.500	38.364									
10/24/13 8:00	38.470	38.378									
10/24/13 9:00	38.516	38.410									
10/24/13 10:00	38.577	38.445									
10/24/13 11:00	38.605	38.431									
10/24/13 12:00	38.603	38.441									
10/24/13 13:00	38.621	38.455									
10/24/13 14:00	38.628	38.448									
10/24/13 15:00	38.598	38.413									
10/24/13 16:00	38.572	38.392									
10/24/13 17:00	38.654	38.476									
10/24/13 18:00	38.724	38.550									
10/24/13 19:00	38.680	38.529									
10/24/13 20:00	38.586	38.466									
10/24/13 21:00	38.535	38.434									
10/24/13 22:00	38.507	38.417									
10/24/13 23:00	38.521	38.415									
10/25/13 0:00	38.563	38.410									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/25/13 1:00	38.554	38.403									
10/25/13 2:00	38.570	38.431									
10/25/13 3:00	38.540	38.406									
10/25/13 4:00	38.530	38.392									
10/25/13 5:00	38.521	38.380									
10/25/13 6:00	38.500	38.373									
10/25/13 7:00	38.489	38.361									
10/25/13 8:00	38.484	38.352									
10/25/13 9:00	38.465	38.347									
10/25/13 10:00	38.479	38.359									
10/25/13 11:00	38.465	38.342									
10/25/13 12:00	38.489	38.338									
10/25/13 13:00	38.493	38.307									
10/25/13 14:00	38.584	38.272									
10/25/13 15:00	38.600	38.235									
10/25/13 16:00	38.584	38.244									
10/25/13 17:00	38.556	38.214									
10/25/13 18:00	38.500	38.181									
10/25/13 19:00	38.503	38.188									
10/25/13 20:00	38.472	38.170									
10/25/13 21:00	38.468	38.158									
10/25/13 22:00	38.458	38.148									
10/25/13 23:00	38.475	38.165									
10/26/13 0:00	38.454	38.144									
10/26/13 1:00	38.442	38.132									
10/26/13 2:00	38.426	38.125									
10/26/13 3:00	38.433	38.123									
10/26/13 4:00	38.472	38.172									
10/26/13 5:00	38.440	38.146									
10/26/13 6:00	38.409	38.148									
10/26/13 7:00	38.393	38.156									
10/26/13 8:00	38.314	38.174									
10/26/13 9:00	38.295	38.200									
10/26/13 10:00	38.372	38.223									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/26/13 11:00	38.379	38.256									
10/26/13 12:00	38.412	38.261									
10/26/13 13:00	38.416	38.258									
10/26/13 14:00	38.542	38.378									
10/26/13 15:00	38.610	38.434									
10/26/13 16:00	38.635	38.462									
10/26/13 17:00	38.698	38.520									
10/26/13 18:00	38.719	38.534									
10/26/13 19:00	38.740	38.574									
10/26/13 20:00	38.617	38.455									
10/26/13 21:00	38.528	38.368									
10/26/13 22:00	38.477	38.321									
10/26/13 23:00	38.449	38.293									
10/27/13 0:00	38.433	38.270									
10/27/13 1:00	38.428	38.249									
10/27/13 2:00	38.419	38.226									
10/27/13 3:00	38.409	38.209									
10/27/13 4:00	38.405	38.195									
10/27/13 5:00	38.398	38.179									
10/27/13 6:00	38.388	38.167									
10/27/13 7:00	38.386	38.151									
10/27/13 8:00	38.377	38.137									
10/27/13 9:00	38.374	38.139									
10/27/13 10:00	38.356	38.123									
10/27/13 11:00	38.353	38.111									
10/27/13 12:00	38.386	38.125									
10/27/13 13:00	38.344	38.113									
10/27/13 14:00	38.307	38.067									
10/27/13 15:00	38.400	38.139									
10/27/13 16:00	38.335	38.064									
10/27/13 17:00	38.307	38.034									
10/27/13 18:00	38.227	38.032									
10/27/13 19:00	38.211	38.018									
10/27/13 20:00	38.274	38.106									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/27/13 21:00	38.220	38.060									
10/27/13 22:00	38.227	38.071									
10/27/13 23:00	38.223	38.074									
10/28/13 0:00	38.223	38.078									
10/28/13 1:00	38.570	38.069									
10/28/13 2:00	38.563	38.064									
10/28/13 3:00	38.575	38.064									
10/28/13 4:00	38.603	38.083									
10/28/13 5:00	38.593	38.085									
10/28/13 6:00	38.652	38.102									
10/28/13 7:00	38.668	38.111									
10/28/13 8:00	38.682	38.125									
10/28/13 9:00	38.710	38.146									
10/28/13 10:00	38.768	38.160									
10/28/13 11:00	38.820	38.214									
10/28/13 12:00	38.796	38.188									
10/28/13 13:00	38.796	38.172									
10/28/13 14:00	38.852	38.188									
10/28/13 15:00	38.841	38.148									
10/28/13 16:00	38.827	38.130									
10/28/13 17:00	38.806	38.127									
10/28/13 18:00	38.817	38.148									
10/28/13 19:00	38.831	38.179									
10/28/13 20:00	38.806	38.174									
10/28/13 21:00	38.785	38.177									
10/28/13 22:00	38.806	38.174									
10/28/13 23:00	38.803	38.172									
10/29/13 0:00	38.843	38.186									
10/29/13 1:00	38.827	38.151									
10/29/13 2:00	38.817	38.127									
10/29/13 3:00	38.813	38.113									
10/29/13 4:00	38.817	38.123									
10/29/13 5:00	38.796	38.113									
10/29/13 6:00	38.789	38.113									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/29/13 7:00	38.780	38.113									
10/29/13 8:00	39.137	38.113									
10/29/13 9:00	39.167	38.116									
10/29/13 10:00	39.195	38.118									
10/29/13 11:00	39.237	38.118									
10/29/13 12:00	39.281	38.130									
10/29/13 13:00	39.305	38.102									
10/29/13 14:00	39.319	38.097									
10/29/13 15:00	39.319	38.081									
10/29/13 16:00	39.316	38.069									
10/29/13 17:00	39.333	38.102									
10/29/13 18:00	39.309	38.090									
10/29/13 19:00	39.316	38.109									
10/29/13 20:00	39.300	38.125									
10/29/13 21:00	39.260	38.144									
10/29/13 22:00	39.351	38.172									
10/29/13 23:00	39.323	38.172									
10/30/13 0:00	39.316	38.162									
10/30/13 1:00	39.323	38.146									
10/30/13 2:00	39.316	38.134									
10/30/13 3:00	39.302	38.123									
10/30/13 4:00	39.309	38.125									
10/30/13 5:00	39.309	38.106									
10/30/13 6:00	39.300	38.099									
10/30/13 7:00	39.284	38.097									
10/30/13 8:00	39.286	38.090									
10/30/13 9:00	39.302	38.116									
10/30/13 10:00	39.295	38.095									
10/30/13 11:00	39.284	38.083									
10/30/13 12:00	39.291	38.102									
10/30/13 13:00	39.277	38.078									
10/30/13 14:00	39.305	38.095									
10/30/13 15:00	39.344	38.116									
10/30/13 16:00	39.323	38.062									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
10/30/13 17:00	39.365	38.046									
10/30/13 18:00	39.382	38.060									
10/30/13 19:00	39.384	38.088									
10/30/13 20:00	39.384	38.097									
10/30/13 21:00	39.372	38.062									
10/30/13 22:00	39.354	38.053									
10/30/13 23:00	39.337	38.067									
10/31/13 0:00	39.312	38.046									
10/31/13 1:00	39.300	38.018									
10/31/13 2:00	39.272	38.006									
10/31/13 3:00	39.251	37.999									
10/31/13 4:00	39.235	37.983									
10/31/13 5:00	39.174	37.985									
10/31/13 6:00	39.165	37.983									
10/31/13 7:00	39.158	37.985									
10/31/13 8:00	39.197	38.008									
10/31/13 9:00	39.209	38.006									
10/31/13 10:00	39.190	38.004									
10/31/13 11:00	39.174	37.994									
10/31/13 12:00	39.193	38.020									
10/31/13 13:00	39.225	38.050									
10/31/13 14:00	39.202	38.015									
10/31/13 15:00	39.160	37.978									
10/31/13 16:00	39.144	37.973									
10/31/13 17:00	39.127	37.966									
10/31/13 18:00	39.298	38.001									
10/31/13 19:00	39.284	38.006									
10/31/13 20:00	39.270	38.011									
10/31/13 21:00	39.239	38.013									
10/31/13 22:00	39.340	38.158									
10/31/13 23:00	39.445	38.303									
11/1/13 0:00	39.496	38.375									
11/1/13 1:00	39.585	38.420									
11/1/13 2:00	39.592	38.448									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/1/13 3:00	39.582	38.478									
11/1/13 4:00	39.592	38.497									
11/1/13 5:00	39.585	38.513									
11/1/13 6:00	39.624	38.529									
11/1/13 7:00	39.433	38.555									
11/1/13 8:00	39.424	38.572									
11/1/13 9:00	39.484	38.611									
11/1/13 10:00	39.557	38.656									
11/1/13 11:00	39.561	38.698									
11/1/13 12:00	39.454	38.607									
11/1/13 13:00	39.307	38.471									
11/1/13 14:00	39.344	38.506									
11/1/13 15:00	39.386	38.564									
11/1/13 16:00	39.400	38.588									
11/1/13 17:00	39.445	38.649									
11/1/13 18:00	39.508	38.653									
11/1/13 19:00	39.307	38.485									
11/1/13 20:00	39.211	38.436									
11/1/13 21:00	39.232	38.408									
11/1/13 22:00	39.179	38.396									
11/1/13 23:00	39.204	38.396									
11/2/13 0:00	39.211	38.392									
11/2/13 1:00	39.183	38.382									
11/2/13 2:00	39.223	38.375									
11/2/13 3:00	39.179	38.373									
11/2/13 4:00	39.202	38.368									
11/2/13 5:00	39.167	38.366									
11/2/13 6:00	39.188	38.373									
11/2/13 7:00	39.155	38.382									
11/2/13 8:00	39.200	38.389									
11/2/13 9:00	39.188	38.405									
11/2/13 10:00	39.232	38.422									
11/2/13 11:00	39.221	38.422									
11/2/13 12:00	39.298	38.504									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/2/13 13:00	39.316	38.504									
11/2/13 14:00	39.265	38.424									
11/2/13 15:00	39.251	38.387									
11/2/13 16:00	39.225	38.347									
11/2/13 17:00	39.216	38.333									
11/2/13 18:00	39.183	38.296									
11/2/13 19:00	39.162	38.275									
11/2/13 20:00	39.139	38.265									
11/2/13 21:00	39.151	38.268									
11/2/13 22:00	39.141	38.256									
11/2/13 23:00	39.132	38.272									
11/3/13 0:00	39.116	38.233									
11/3/13 1:00	39.123	38.216									
11/3/13 2:00	39.113	38.242									
11/3/13 3:00	39.193	38.347									
11/3/13 4:00	39.300	38.595									
11/3/13 5:00	39.365	38.595									
11/3/13 6:00	39.442	38.852									
11/3/13 7:00	39.435	38.796									
11/3/13 8:00	39.491	38.833									
11/3/13 9:00	39.543	38.941									
11/3/13 10:00	39.463	38.840									
11/3/13 11:00	39.629	39.039									
11/3/13 12:00	39.612	38.974									
11/3/13 13:00	39.524	38.840									
11/3/13 14:00	39.592	38.999									
11/3/13 15:00	39.682	39.125									
11/3/13 16:00	39.694	39.160									
11/3/13 17:00	39.668	39.121									
11/3/13 18:00	39.696	39.144									
11/3/13 19:00	39.522	38.910									
11/3/13 20:00	39.678	39.158									
11/3/13 21:00	39.731	39.217									
11/3/13 22:00	39.578	39.032									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/3/13 23:00	39.748	39.254									
11/4/13 0:00	39.736	39.219									
11/4/13 1:00	39.687	39.172									
11/4/13 2:00	39.703	39.179									
11/4/13 3:00	39.594	39.032									
11/4/13 4:00	39.510	38.896									
11/4/13 5:00	39.041	38.307									
11/4/13 6:00	39.354	38.782									
11/4/13 7:00	39.223	38.623									
11/4/13 8:00	38.913	38.230									
11/4/13 9:00	38.934	38.219									
11/4/13 10:00	39.463	38.950									
11/4/13 11:00	39.710	39.235									
11/4/13 12:00	39.855	39.397									
11/4/13 13:00	39.724	39.238									
11/4/13 14:00	39.801	39.284									
11/4/13 15:00	39.745	39.189									
11/4/13 16:00	39.612	39.011									
11/4/13 17:00	39.626	39.081									
11/4/13 18:00	39.235	38.555									
11/4/13 19:00	39.183	38.445									
11/4/13 20:00	39.109	38.403									
11/4/13 21:00	39.092	38.403									
11/4/13 22:00	39.060	38.378									
11/4/13 23:00	39.039	38.366									
11/5/13 0:00	39.095	38.357									
11/5/13 1:00	39.090	38.335									
11/5/13 2:00	39.071	38.317									
11/5/13 3:00	39.057	38.293									
11/5/13 4:00	39.118	38.361									
11/5/13 5:00	39.162	38.408									
11/5/13 6:00	39.314	38.590									
11/5/13 7:00	39.407	38.737									
11/5/13 8:00	39.116	38.352									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/5/13 9:00	39.041	38.328									
11/5/13 10:00	39.016	38.277									
11/5/13 11:00	38.995	38.256									
11/5/13 12:00	38.983	38.226									
11/5/13 13:00	38.941	38.186									
11/5/13 14:00	38.918	38.179									
11/5/13 15:00	38.920	38.167									
11/5/13 16:00	39.419	38.887									
11/5/13 17:00	39.333	38.747									
11/5/13 18:00	39.508	39.100									
11/5/13 19:00	39.629	39.214									
11/5/13 20:00	39.615	39.156									
11/5/13 21:00	39.675	39.196									
11/5/13 22:00	39.645	39.104									
11/5/13 23:00	39.498	39.018									
11/6/13 0:00	39.643	39.023									
11/6/13 1:00	39.745	39.163									
11/6/13 2:00	39.738	39.111									
11/6/13 3:00	39.633	38.992									
11/6/13 4:00	39.328	38.527									
11/6/13 5:00	39.235	38.464									
11/6/13 6:00	39.169	38.438									
11/6/13 7:00	39.193	38.422									
11/6/13 8:00	39.619	38.978									
11/6/13 9:00	39.328	38.607									
11/6/13 10:00	39.298	38.529									
11/6/13 11:00	39.312	38.581									
11/6/13 12:00	39.281	38.499									
11/6/13 13:00	39.270	38.501									
11/6/13 14:00	39.258	38.466									
11/6/13 15:00	39.253	38.457									
11/6/13 16:00	39.223	38.441									
11/6/13 17:00	39.244	38.459									
11/6/13 18:00	39.197	38.415									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/6/13 19:00	39.160	38.394									
11/6/13 20:00	39.113	38.384									
11/6/13 21:00	39.186	38.408									
11/6/13 22:00	39.162	38.420									
11/6/13 23:00	39.321	38.595									
11/7/13 0:00	39.431	38.679									
11/7/13 1:00	39.459	38.728									
11/7/13 2:00	39.461	38.763									
11/7/13 3:00	39.515	38.782									
11/7/13 4:00	39.496	38.796									
11/7/13 5:00	39.550	38.812									
11/7/13 6:00	39.533	38.824									
11/7/13 7:00	39.566	38.831									
11/7/13 8:00	39.550	38.847									
11/7/13 9:00	39.582	38.859									
11/7/13 10:00	39.566	38.882									
11/7/13 11:00	39.599	38.924									
11/7/13 12:00	39.703	38.976									
11/7/13 13:00	39.668	38.934									
11/7/13 14:00	39.668	38.915									
11/7/13 15:00	39.654	38.889									
11/7/13 16:00	39.526	38.754									
11/7/13 17:00	39.393	38.616									
11/7/13 18:00	39.349	38.569									
11/7/13 19:00	39.207	38.527									
11/7/13 20:00	39.148	38.473									
11/7/13 21:00	39.120	38.436									
11/7/13 22:00	39.099	38.408									
11/7/13 23:00	39.085	38.382									
11/8/13 0:00	39.067	38.366									
11/8/13 1:00	39.074	38.352									
11/8/13 2:00	39.067	38.319									
11/8/13 3:00	39.064	38.284									
11/8/13 4:00	39.197	38.457									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/8/13 5:00	39.225	38.614									
11/8/13 6:00	38.943	38.230									
11/8/13 7:00	38.929	38.216									
11/8/13 8:00	38.838	38.151									
11/8/13 9:00	38.913	38.284									
11/8/13 10:00	38.876	38.200									
11/8/13 11:00	39.358	38.868									
11/8/13 12:00	39.433	38.964									
11/8/13 13:00	39.447	38.948									
11/8/13 14:00	39.554	39.149									
11/8/13 15:00	39.615	39.196									
11/8/13 16:00	39.568	39.095									
11/8/13 17:00	39.421	38.934									
11/8/13 18:00	38.941	38.277									
11/8/13 19:00	38.843	38.186									
11/8/13 20:00	38.787	38.148									
11/8/13 21:00	38.754	38.132									
11/8/13 22:00	38.796	38.156									
11/8/13 23:00	38.764	38.146									
11/9/13 0:00	38.757	38.148									
11/9/13 1:00	38.796	38.156									
11/9/13 2:00	38.792	38.163									
11/9/13 3:00	38.775	38.174									
11/9/13 4:00	38.799	38.205									
11/9/13 5:00	38.780	38.195									
11/9/13 6:00	38.820	38.207									
11/9/13 7:00	38.836	38.221									
11/9/13 8:00	38.850	38.240									
11/9/13 9:00	38.885	38.258									
11/9/13 10:00	38.969	38.286									
11/9/13 11:00	39.037	38.319									
11/9/13 12:00	39.559	39.114									
11/9/13 13:00	39.680	39.167									
11/9/13 14:00	39.407	38.716									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/9/13 15:00	39.503	38.887									
11/9/13 16:00	39.207	38.480									
11/9/13 17:00	39.106	38.399									
11/9/13 18:00	39.048	38.368									
11/9/13 19:00	39.067	38.368									
11/9/13 20:00	39.027	38.366									
11/9/13 21:00	39.074	38.387									
11/9/13 22:00	39.039	38.380									
11/9/13 23:00	39.067	38.382									
11/10/13 0:00	39.060	38.389									
11/10/13 1:00	39.102	38.394									
11/10/13 2:00	38.997	38.399									
11/10/13 3:00	38.983	38.399									
11/10/13 4:00	38.974	38.401									
11/10/13 5:00	38.957	38.401									
11/10/13 6:00	39.009	38.403									
11/10/13 7:00	38.995	38.401									
11/10/13 8:00	38.974	38.406									
11/10/13 9:00	38.971	38.422									
11/10/13 10:00	39.016	38.410									
11/10/13 11:00	39.090	38.478									
11/10/13 12:00	39.060	38.462									
11/10/13 13:00	39.116	38.548									
11/10/13 14:00	39.062	38.406									
11/10/13 15:00	39.132	38.536									
11/10/13 16:00	39.134	38.450									
11/10/13 17:00	39.125	38.427									
11/10/13 18:00	39.025	38.324									
11/10/13 19:00	38.990	38.300									
11/10/13 20:00	38.978	38.305									
11/10/13 21:00	38.967	38.300									
11/10/13 22:00	38.955	38.279									
11/10/13 23:00	38.950	38.282									
11/11/13 0:00	38.946	38.282									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/11/13 1:00	38.927	38.261									
11/11/13 2:00	38.915	38.249									
11/11/13 3:00	38.911	38.240									
11/11/13 4:00	38.899	38.235									
11/11/13 5:00	38.904	38.226									
11/11/13 6:00	38.894	38.221									
11/11/13 7:00	38.885	38.219									
11/11/13 8:00	38.871	38.221									
11/11/13 9:00	38.850	38.233									
11/11/13 10:00	38.834	38.263									
11/11/13 11:00	38.822	38.293									
11/11/13 12:00	39.522	39.210									
11/11/13 13:00	39.633	39.347									
11/11/13 14:00	39.715	39.450									
11/11/13 15:00	39.822	39.509									
11/11/13 16:00	39.654	39.277									
11/11/13 17:00	39.874	39.555									
11/11/13 18:00	39.839	39.513									
11/11/13 19:00	39.843	39.347									
11/11/13 20:00	39.918	39.530									
11/11/13 21:00	39.913	39.518									
11/11/13 22:00	40.049	39.572									
11/11/13 23:00	39.741	39.207									
11/12/13 0:00	39.839	39.291									
11/12/13 1:00	39.589	39.013									
11/12/13 2:00	39.911	39.436									
11/12/13 3:00	39.766	39.247									
11/12/13 4:00		39.350									
11/12/13 5:00		39.287									
11/12/13 6:00		38.866									
11/12/13 7:00		38.780									
11/12/13 8:00		38.749									
11/12/13 9:00		38.777									
11/12/13 10:00		38.766									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/12/13 11:00		38.749									
11/12/13 12:00		38.754									
11/12/13 13:00		38.740									
11/12/13 14:00		38.660									
11/12/13 15:00		38.609									
11/12/13 16:00		38.595									
11/12/13 17:00		38.548									
11/12/13 18:00		38.518									
11/12/13 19:00		38.534									
11/12/13 20:00		38.487									
11/12/13 21:00		38.473									
11/12/13 22:00		38.459									
11/12/13 23:00		38.445									
11/13/13 0:00		38.443									
11/13/13 1:00		38.415									
11/13/13 2:00		38.389									
11/13/13 3:00		38.368									
11/13/13 4:00		38.347									
11/13/13 5:00		38.326									
11/13/13 6:00		38.310									
11/13/13 7:00		38.459									
11/13/13 8:00		38.291									
11/13/13 9:00		38.368									
11/13/13 10:00		38.487									
11/13/13 11:00		38.782									
11/13/13 12:00		38.779									
11/13/13 13:00		38.705									
11/13/13 14:00		39.027									
11/13/13 15:00		39.111									
11/13/13 16:00		39.037									
11/13/13 17:00		39.048									
11/13/13 18:00		38.494									
11/13/13 19:00		38.920									
11/13/13 20:00		39.027									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/13/13 21:00		38.880									
11/13/13 22:00		38.399									
11/13/13 23:00		38.321									
11/14/13 0:00		38.230									
11/14/13 1:00		38.420									
11/14/13 2:00		38.141									
11/14/13 3:00		38.097									
11/14/13 4:00		38.060									
11/14/13 5:00		38.174									
11/14/13 6:00		38.158									
11/14/13 7:00		38.272									
11/14/13 8:00		38.111									
11/14/13 9:00		38.062									
11/14/13 10:00		38.085									
11/14/13 11:00		38.113									
11/14/13 12:00		38.081									
11/14/13 13:00		38.053									
11/14/13 14:00		38.029									
11/14/13 15:00		38.076									
11/14/13 16:00		38.041									
11/14/13 17:00		38.027									
11/14/13 18:00		38.032									
11/14/13 19:00		38.041									
11/14/13 20:00		38.043									
11/14/13 21:00		38.043									
11/14/13 22:00		38.043									
11/14/13 23:00		38.046									
11/15/13 0:00		38.043									
11/15/13 1:00		38.048									
11/15/13 2:00		38.036									
11/15/13 3:00		38.022									
11/15/13 4:00		38.015									
11/15/13 5:00		38.006									
11/15/13 6:00		38.006									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/15/13 7:00		38.001									
11/15/13 8:00		38.008									
11/15/13 9:00		38.011									
11/15/13 10:00		38.011									
11/15/13 11:00		38.004									
11/15/13 12:00		38.074									
11/15/13 13:00		38.116									
11/15/13 14:00		38.188									
11/15/13 15:00		38.345									
11/15/13 16:00		38.436									
11/15/13 17:00		38.399									
11/15/13 18:00		38.025									
11/15/13 19:00		37.985									
11/15/13 20:00		38.249									
11/15/13 21:00		38.501									
11/15/13 22:00		38.915									
11/15/13 23:00		39.095									
11/16/13 0:00		38.602									
11/16/13 1:00		38.740									
11/16/13 2:00		39.002									
11/16/13 3:00		39.184									
11/16/13 4:00		38.915									
11/16/13 5:00		38.681									
11/16/13 6:00		38.826									
11/16/13 7:00		38.943									
11/16/13 8:00		38.653									
11/16/13 9:00		38.674									
11/16/13 10:00		38.345									
11/16/13 11:00		38.504									
11/16/13 12:00		38.102									
11/16/13 13:00		38.020									
11/16/13 14:00		37.987									
11/16/13 15:00		37.936									
11/16/13 16:00		37.908									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/16/13 17:00		37.887									
11/16/13 18:00		37.940									
11/16/13 19:00		37.898									
11/16/13 20:00		37.894									
11/16/13 21:00		37.891									
11/16/13 22:00		37.884									
11/16/13 23:00		38.025									
11/17/13 0:00		37.884									
11/17/13 1:00		37.847									
11/17/13 2:00		37.828									
11/17/13 3:00		38.378									
11/17/13 4:00		38.380									
11/17/13 5:00		38.882									
11/17/13 6:00		38.401									
11/17/13 7:00		38.139									
11/17/13 8:00		38.092									
11/17/13 9:00		38.097									
11/17/13 10:00		38.845									
11/17/13 11:00		39.111									
11/17/13 12:00		38.840									
11/17/13 13:00		38.424									
11/17/13 14:00		38.450									
11/17/13 15:00		38.824									
11/17/13 16:00		38.871									
11/17/13 17:00		39.319									
11/17/13 18:00		39.609									
11/17/13 19:00		38.808									
11/17/13 20:00		38.628									
11/17/13 21:00		38.546									
11/17/13 22:00		38.513									
11/17/13 23:00		38.497									
11/18/13 0:00		38.476									
11/18/13 1:00		38.452									
11/18/13 2:00		38.431									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/18/13 3:00		38.417									
11/18/13 4:00		38.420									
11/18/13 5:00		38.415									
11/18/13 6:00		38.415									
11/18/13 7:00		38.417									
11/18/13 8:00		38.422									
11/18/13 9:00		38.431									
11/18/13 10:00		38.441									
11/18/13 11:00		38.469									
11/18/13 12:00		38.586									
11/18/13 13:00		38.476									
11/18/13 14:00		38.455									
11/18/13 15:00		38.485									
11/18/13 16:00		38.480									
11/18/13 17:00		38.490									
11/18/13 18:00		38.417									
11/18/13 19:00		38.373									
11/18/13 20:00		38.354									
11/18/13 21:00		38.345									
11/18/13 22:00		38.342									
11/18/13 23:00		38.399									
11/19/13 0:00		38.361									
11/19/13 1:00		38.347									
11/19/13 2:00		38.345									
11/19/13 3:00		38.314									
11/19/13 4:00		38.298									
11/19/13 5:00		38.275									
11/19/13 6:00		38.256									
11/19/13 7:00		38.233									
11/19/13 8:00		38.219									
11/19/13 9:00		38.212									
11/19/13 10:00		38.237									
11/19/13 11:00		38.791									
11/19/13 12:00		38.824									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/19/13 13:00		39.165									
11/19/13 14:00		39.284									
11/19/13 15:00		39.268									
11/19/13 16:00		39.149									
11/19/13 17:00		39.009									
11/19/13 18:00		38.677									
11/19/13 19:00		38.656									
11/19/13 20:00		38.415									
11/19/13 21:00		38.436									
11/19/13 22:00		38.520									
11/19/13 23:00		38.219									
11/20/13 0:00		38.373									
11/20/13 1:00		38.422									
11/20/13 2:00		38.151									
11/20/13 3:00		38.118									
11/20/13 4:00		38.097									
11/20/13 5:00		38.078									
11/20/13 6:00		38.069									
11/20/13 7:00		38.060									
11/20/13 8:00		38.055									
11/20/13 9:00		38.060									
11/20/13 10:00		38.083									
11/20/13 11:00		38.113									
11/20/13 12:00		38.116									
11/20/13 13:00		38.095									
11/20/13 14:00		38.097									
11/20/13 15:00		38.097									
11/20/13 16:00		38.067									
11/20/13 17:00		38.060									
11/20/13 18:00		38.062									
11/20/13 19:00		38.069									
11/20/13 20:00		38.081									
11/20/13 21:00		38.113									
11/20/13 22:00		38.127									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/20/13 23:00		38.319									
11/21/13 0:00		38.419									
11/21/13 1:00		38.480									
11/21/13 2:00		38.527									
11/21/13 3:00		39.383									
11/21/13 4:00		39.679									
11/21/13 5:00		39.799									
11/21/13 6:00		39.785									
11/21/13 7:00		39.773									
11/21/13 8:00		39.806									
11/21/13 9:00		39.878									
11/21/13 10:00		39.997									
11/21/13 11:00		40.037									
11/21/13 12:00		40.011									
11/21/13 13:00		39.950									
11/21/13 14:00		40.025									
11/21/13 15:00		39.969									
11/21/13 16:00		39.831									
11/21/13 17:00		39.908									
11/21/13 18:00		39.922									
11/21/13 19:00		39.766									
11/21/13 20:00		39.763									
11/21/13 21:00		39.724									
11/21/13 22:00		39.763									
11/21/13 23:00		39.841									
11/22/13 0:00		39.848									
11/22/13 1:00		39.838									
11/22/13 2:00		39.698									
11/22/13 3:00		39.815									
11/22/13 4:00		39.749									
11/22/13 5:00		39.577									
11/22/13 6:00		39.455									
11/22/13 7:00		38.901									
11/22/13 8:00		38.819									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/22/13 9:00		38.978									
11/22/13 10:00		39.268									
11/22/13 11:00		39.326									
11/22/13 12:00		39.109									
11/22/13 13:00		39.336									
11/22/13 14:00		39.366									
11/22/13 15:00		38.831									
11/22/13 16:00		38.733									
11/22/13 17:00		38.672									
11/22/13 18:00		38.653									
11/22/13 19:00		38.630									
11/22/13 20:00		38.604									
11/22/13 21:00		38.595									
11/22/13 22:00		38.593									
11/22/13 23:00		38.579									
11/23/13 0:00		38.572									
11/23/13 1:00		38.569									
11/23/13 2:00		38.565									
11/23/13 3:00		38.562									
11/23/13 4:00		38.562									
11/23/13 5:00		38.899									
11/23/13 6:00		39.329									
11/23/13 7:00		39.551									
11/23/13 8:00		39.093									
11/23/13 9:00		39.252									
11/23/13 10:00		39.333									
11/23/13 11:00		39.415									
11/23/13 12:00		39.238									
11/23/13 13:00		39.266									
11/23/13 14:00		38.945									
11/23/13 15:00		39.121									
11/23/13 16:00		38.924									
11/23/13 17:00		38.733									
11/23/13 18:00		38.670									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/23/13 19:00		38.642									
11/23/13 20:00		38.614									
11/23/13 21:00		38.590									
11/23/13 22:00		38.588									
11/23/13 23:00		38.567									
11/24/13 0:00		38.553									
11/24/13 1:00		38.543									
11/24/13 2:00		38.529									
11/24/13 3:00		38.515									
11/24/13 4:00		38.513									
11/24/13 5:00		38.501									
11/24/13 6:00		38.487									
11/24/13 7:00		38.466									
11/24/13 8:00		38.445									
11/24/13 9:00		38.431									
11/24/13 10:00		38.420									
11/24/13 11:00		38.401									
11/24/13 12:00		38.513									
11/24/13 13:00		38.399									
11/24/13 14:00		38.385									
11/24/13 15:00		38.394									
11/24/13 16:00		38.410									
11/24/13 17:00		38.586									
11/24/13 18:00		38.364									
11/24/13 19:00		38.371									
11/24/13 20:00		38.331									
11/24/13 21:00		38.237									
11/24/13 22:00		38.565									
11/24/13 23:00		38.251									
11/25/13 0:00		38.233									
11/25/13 1:00		38.240									
11/25/13 2:00		38.443									
11/25/13 3:00		38.216									
11/25/13 4:00		38.198									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/25/13 5:00		38.170									
11/25/13 6:00		38.158									
11/25/13 7:00		38.156									
11/25/13 8:00		38.153									
11/25/13 9:00		38.158									
11/25/13 10:00		38.282									
11/25/13 11:00		38.242									
11/25/13 12:00		38.240									
11/25/13 13:00		38.228									
11/25/13 14:00		38.389									
11/25/13 15:00		38.679									
11/25/13 16:00		38.392									
11/25/13 17:00		38.321									
11/25/13 18:00		38.314									
11/25/13 19:00		38.263									
11/25/13 20:00		38.247									
11/25/13 21:00		38.240									
11/25/13 22:00		38.242									
11/25/13 23:00		38.275									
11/26/13 0:00		38.518									
11/26/13 1:00		38.361									
11/26/13 2:00		38.373									
11/26/13 3:00		38.714									
11/26/13 4:00		38.366									
11/26/13 5:00		38.319									
11/26/13 6:00		38.328									
11/26/13 7:00		38.408									
11/26/13 8:00		38.342									
11/26/13 9:00		38.875									
11/26/13 10:00		39.046									
11/26/13 11:00		39.425									
11/26/13 12:00		39.499									
11/26/13 13:00		39.530									
11/26/13 14:00		39.584									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/26/13 15:00		39.415									
11/26/13 16:00		39.471									
11/26/13 17:00		39.340									
11/26/13 18:00		38.747									
11/26/13 19:00		38.581									
11/26/13 20:00		38.511									
11/26/13 21:00		38.473									
11/26/13 22:00		38.452									
11/26/13 23:00		38.438									
11/27/13 0:00		38.450									
11/27/13 1:00		38.436									
11/27/13 2:00		38.420									
11/27/13 3:00		38.424									
11/27/13 4:00		38.408									
11/27/13 5:00		38.392									
11/27/13 6:00		38.382									
11/27/13 7:00		38.371									
11/27/13 8:00		38.366									
11/27/13 9:00		38.366									
11/27/13 10:00		38.352									
11/27/13 11:00		38.368									
11/27/13 12:00		38.445									
11/27/13 13:00		38.560									
11/27/13 14:00		38.744									
11/27/13 15:00		38.719									
11/27/13 16:00		38.906									
11/27/13 17:00		38.880									
11/27/13 18:00		38.396									
11/27/13 19:00		38.265									
11/27/13 20:00		38.221									
11/27/13 21:00		38.553									
11/27/13 22:00		38.333									
11/27/13 23:00		38.226									
11/28/13 0:00		38.184									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/28/13 1:00		38.181									
11/28/13 2:00		38.163									
11/28/13 3:00		38.184									
11/28/13 4:00		38.181									
11/28/13 5:00		38.195									
11/28/13 6:00		38.216									
11/28/13 7:00		38.237									
11/28/13 8:00		38.263									
11/28/13 9:00		38.300									
11/28/13 10:00		38.333									
11/28/13 11:00		39.048									
11/28/13 12:00		38.642									
11/28/13 13:00		39.053									
11/28/13 14:00		38.896									
11/28/13 15:00		38.639									
11/28/13 16:00		38.602									
11/28/13 17:00		38.733									
11/28/13 18:00		38.478									
11/28/13 19:00		38.625									
11/28/13 20:00		38.513									
11/28/13 21:00		38.499									
11/28/13 22:00		38.464									
11/28/13 23:00		38.445									
11/29/13 0:00		38.431									
11/29/13 1:00		38.420									
11/29/13 2:00		38.406									
11/29/13 3:00		38.392									
11/29/13 4:00		38.382									
11/29/13 5:00		38.373									
11/29/13 6:00		38.359									
11/29/13 7:00		38.342									
11/29/13 8:00		38.338									
11/29/13 9:00		38.331									
11/29/13 10:00		38.328									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/29/13 11:00		38.342									
11/29/13 12:00		38.305									
11/29/13 13:00		38.716									
11/29/13 14:00		38.733									
11/29/13 15:00		39.158									
11/29/13 16:00		39.130									
11/29/13 17:00		38.906									
11/29/13 18:00		38.518									
11/29/13 19:00		38.349									
11/29/13 20:00		38.317									
11/29/13 21:00		38.268									
11/29/13 22:00		38.296									
11/29/13 23:00		38.233									
11/30/13 0:00		38.226									
11/30/13 1:00		38.212									
11/30/13 2:00		38.193									
11/30/13 3:00		38.198									
11/30/13 4:00		38.191									
11/30/13 5:00		38.188									
11/30/13 6:00		38.181									
11/30/13 7:00		38.184									
11/30/13 8:00		38.193									
11/30/13 9:00		38.198									
11/30/13 10:00		38.223									
11/30/13 11:00		38.237									
11/30/13 12:00		38.240									
11/30/13 13:00		38.242									
11/30/13 14:00		38.223									
11/30/13 15:00		38.193									
11/30/13 16:00		38.198									
11/30/13 17:00		38.275									
11/30/13 18:00		38.305									
11/30/13 19:00		38.265									
11/30/13 20:00		38.233									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
11/30/13 21:00		38.254									
11/30/13 22:00		38.251									
11/30/13 23:00		38.254									
12/1/13 0:00		38.235									
12/1/13 1:00		38.237									
12/1/13 2:00		38.221									
12/1/13 3:00		38.205									
12/1/13 4:00		38.209									
12/1/13 5:00		38.195									
12/1/13 6:00		38.188									
12/1/13 7:00		38.193									
12/1/13 8:00		38.193									
12/1/13 9:00		38.195									
12/1/13 10:00		38.223									
12/1/13 11:00		38.233									
12/1/13 12:00		38.441									
12/1/13 13:00		38.403									
12/1/13 14:00		38.293									
12/1/13 15:00		38.216									
12/1/13 16:00		38.205									
12/1/13 17:00		38.151									
12/1/13 18:00		38.172									
12/1/13 19:00		38.214									
12/1/13 20:00		38.160									
12/1/13 21:00		38.125									
12/1/13 22:00		38.113									
12/1/13 23:00		38.095									
12/2/13 0:00		38.104									
12/2/13 1:00		38.067									
12/2/13 2:00		38.039									
12/2/13 3:00		38.015									
12/2/13 4:00		38.015									
12/2/13 5:00		37.992									
12/2/13 6:00		37.976									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/2/13 7:00		37.987									
12/2/13 8:00		37.973									
12/2/13 9:00		37.969									
12/2/13 10:00		37.990									
12/2/13 11:00		38.041									
12/2/13 12:00		38.039									
12/2/13 13:00		38.018									
12/2/13 14:00		37.976									
12/2/13 15:00		37.943									
12/2/13 16:00		37.917									
12/2/13 17:00		37.964									
12/2/13 18:00		37.976									
12/2/13 19:00		38.104									
12/2/13 20:00		38.032									
12/2/13 21:00		37.997									
12/2/13 22:00		37.976									
12/2/13 23:00		37.980									
12/3/13 0:00		37.962									
12/3/13 1:00		37.950									
12/3/13 2:00		37.943									
12/3/13 3:00		37.945									
12/3/13 4:00		37.931									
12/3/13 5:00		37.922									
12/3/13 6:00		37.917									
12/3/13 7:00		37.910									
12/3/13 8:00		37.910									
12/3/13 9:00		37.915									
12/3/13 10:00		37.945									
12/3/13 11:00		37.985									
12/3/13 12:00		38.085									
12/3/13 13:00		38.794									
12/3/13 14:00		38.721									
12/3/13 15:00		38.974									
12/3/13 16:00		39.184									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/3/13 17:00		39.289									
12/3/13 18:00		39.383									
12/3/13 19:00		38.483									
12/3/13 20:00		38.581									
12/3/13 21:00		38.831									
12/3/13 22:00		38.326									
12/3/13 23:00		38.903									
12/4/13 0:00		38.917									
12/4/13 1:00		39.090									
12/4/13 2:00		39.193									
12/4/13 3:00		39.252									
12/4/13 4:00		39.235									
12/4/13 5:00		39.217									
12/4/13 6:00		39.163									
12/4/13 7:00		39.086									
12/4/13 8:00		39.130									
12/4/13 9:00		39.090									
12/4/13 10:00		39.205									
12/4/13 11:00		39.228									
12/4/13 12:00		39.312									
12/4/13 13:00		39.329									
12/4/13 14:00		39.249									
12/4/13 15:00		39.390									
12/4/13 16:00		39.266									
12/4/13 17:00		39.455									
12/4/13 18:00		39.139									
12/4/13 19:00		39.109									
12/4/13 20:00		39.139									
12/4/13 21:00		38.901									
12/4/13 22:00		39.338									
12/4/13 23:00		39.420									
12/5/13 0:00		39.492									
12/5/13 1:00		39.464									
12/5/13 2:00		38.992									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/5/13 3:00		38.913									
12/5/13 4:00		39.385									
12/5/13 5:00		39.492									
12/5/13 6:00		38.838									
12/5/13 7:00		39.186									
12/5/13 8:00		38.702									
12/5/13 9:00		39.034									
12/5/13 10:00		39.139									
12/5/13 11:00		39.189									
12/5/13 12:00		38.896									
12/5/13 13:00		39.221									
12/5/13 14:00		39.151									
12/5/13 15:00		39.205									
12/5/13 16:00		39.079									
12/5/13 17:00		38.992									
12/5/13 18:00		38.943									
12/5/13 19:00		38.796									
12/5/13 20:00		38.700									
12/5/13 21:00		38.852									
12/5/13 22:00		38.660									
12/5/13 23:00		38.887									
12/6/13 0:00		39.018									
12/6/13 1:00		39.254									
12/6/13 2:00		38.990									
12/6/13 3:00		38.945									
12/6/13 4:00		38.967									
12/6/13 5:00		38.751									
12/6/13 6:00		39.125									
12/6/13 7:00		39.252									
12/6/13 8:00		39.214									
12/6/13 9:00		39.427									
12/6/13 10:00		39.160									
12/6/13 11:00		39.364									
12/6/13 12:00		39.366									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/6/13 13:00		39.408									
12/6/13 14:00		39.219									
12/6/13 15:00		38.882									
12/6/13 16:00		38.773									
12/6/13 17:00		38.824									
12/6/13 18:00		38.798									
12/6/13 19:00		38.747									
12/6/13 20:00		38.698									
12/6/13 21:00		38.670									
12/6/13 22:00		38.674									
12/6/13 23:00		38.656									
12/7/13 0:00		38.665									
12/7/13 1:00		38.663									
12/7/13 2:00		38.677									
12/7/13 3:00		38.649									
12/7/13 4:00		38.639									
12/7/13 5:00		38.635									
12/7/13 6:00		38.618									
12/7/13 7:00		38.607									
12/7/13 8:00		38.602									
12/7/13 9:00		38.593									
12/7/13 10:00		38.581									
12/7/13 11:00		38.588									
12/7/13 12:00		38.586									
12/7/13 13:00		38.653									
12/7/13 14:00		38.770									
12/7/13 15:00		38.630									
12/7/13 16:00		38.670									
12/7/13 17:00		38.550									
12/7/13 18:00		38.518									
12/7/13 19:00		38.480									
12/7/13 20:00		38.455									
12/7/13 21:00		38.399									
12/7/13 22:00		38.373									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/7/13 23:00		38.342									
12/8/13 0:00		38.331									
12/8/13 1:00		38.305									
12/8/13 2:00		38.296									
12/8/13 3:00		38.247									
12/8/13 4:00		38.216									
12/8/13 5:00		38.184									
12/8/13 6:00		38.165									
12/8/13 7:00		38.141									
12/8/13 8:00		38.130									
12/8/13 9:00		38.127									
12/8/13 10:00		38.139									
12/8/13 11:00		38.170									
12/8/13 12:00		38.151									
12/8/13 13:00		38.151									
12/8/13 14:00		38.160									
12/8/13 15:00		38.193									
12/8/13 16:00		38.158									
12/8/13 17:00		38.258									
12/8/13 18:00		38.342									
12/8/13 19:00		38.394									
12/8/13 20:00		38.331									
12/8/13 21:00		38.310									
12/8/13 22:00		38.319									
12/8/13 23:00		38.342									
12/9/13 0:00		38.331									
12/9/13 1:00		38.333									
12/9/13 2:00		38.359									
12/9/13 3:00		38.361									
12/9/13 4:00		38.359									
12/9/13 5:00		38.375									
12/9/13 6:00		38.385									
12/9/13 7:00		38.394									
12/9/13 8:00		38.401									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/9/13 9:00		38.417									
12/9/13 10:00		38.429									
12/9/13 11:00		38.436									
12/9/13 12:00		38.452									
12/9/13 13:00		38.473									
12/9/13 14:00		38.448									
12/9/13 15:00		38.483									
12/9/13 16:00		38.595									
12/9/13 17:00		38.602									
12/9/13 18:00		38.529									
12/9/13 19:00		38.478									
12/9/13 20:00		38.455									
12/9/13 21:00		38.413									
12/9/13 22:00		38.406									
12/9/13 23:00		38.387									
12/10/13 0:00		38.371									
12/10/13 1:00		38.349									
12/10/13 2:00		38.340									
12/10/13 3:00		38.326									
12/10/13 4:00		38.319									
12/10/13 5:00		38.312									
12/10/13 6:00		38.303									
12/10/13 7:00		38.314									
12/10/13 8:00		38.321									
12/10/13 9:00		38.328									
12/10/13 10:00		38.359									
12/10/13 11:00		38.342									
12/10/13 12:00		38.338									
12/10/13 13:00		38.420									
12/10/13 14:00		38.403									
12/10/13 15:00		38.368									
12/10/13 16:00		38.326									
12/10/13 17:00		38.307									
12/10/13 18:00		38.254									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/10/13 19:00		38.256									
12/10/13 20:00		38.277									
12/10/13 21:00		38.417									
12/10/13 22:00		38.352									
12/10/13 23:00		38.378									
12/11/13 0:00		38.349									
12/11/13 1:00		38.338									
12/11/13 2:00		38.354									
12/11/13 3:00		38.375									
12/11/13 4:00		38.410									
12/11/13 5:00		38.457									
12/11/13 6:00		38.483									
12/11/13 7:00		38.504									
12/11/13 8:00		38.527									
12/11/13 9:00		38.567									
12/11/13 10:00		38.590									
12/11/13 11:00		38.614									
12/11/13 12:00		38.628									
12/11/13 13:00		38.630									
12/11/13 14:00		38.665									
12/11/13 15:00		38.621									
12/11/13 16:00		38.644									
12/11/13 17:00		38.644									
12/11/13 18:00		38.597									
12/11/13 19:00		38.658									
12/11/13 20:00		38.754									
12/11/13 21:00		38.656									
12/11/13 22:00		38.609									
12/11/13 23:00		38.572									
12/12/13 0:00		38.529									
12/12/13 1:00		38.499									
12/12/13 2:00		38.471									
12/12/13 3:00		38.448									
12/12/13 4:00		38.431									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/12/13 5:00		38.415									
12/12/13 6:00		38.394									
12/12/13 7:00		38.382									
12/12/13 8:00		38.375									
12/12/13 9:00		38.394									
12/12/13 10:00		38.378									
12/12/13 11:00		38.375									
12/12/13 12:00		38.389									
12/12/13 13:00		38.361									
12/12/13 14:00		38.413									
12/12/13 15:00		38.366									
12/12/13 16:00		38.298									
12/12/13 17:00		38.469									
12/12/13 18:00		38.716									
12/12/13 19:00		38.644									
12/12/13 20:00		38.459									
12/12/13 21:00		38.373									
12/12/13 22:00		38.300									
12/12/13 23:00		38.282									
12/13/13 0:00		38.230									
12/13/13 1:00		38.193									
12/13/13 2:00		38.177									
12/13/13 3:00		38.144									
12/13/13 4:00		38.120									
12/13/13 5:00		38.102									
12/13/13 6:00		38.083									
12/13/13 7:00		38.069									
12/13/13 8:00		38.060									
12/13/13 9:00		38.053									
12/13/13 10:00		38.060									
12/13/13 11:00		38.055									
12/13/13 12:00		38.069									
12/13/13 13:00		38.043									
12/13/13 14:00		38.104									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/13/13 15:00		38.071									
12/13/13 16:00		38.141									
12/13/13 17:00		38.104									
12/13/13 18:00		38.123									
12/13/13 19:00		38.109									
12/13/13 20:00		38.123									
12/13/13 21:00		38.141									
12/13/13 22:00		38.167									
12/13/13 23:00		38.233									
12/14/13 0:00		38.361									
12/14/13 1:00		38.399									
12/14/13 2:00		38.354									
12/14/13 3:00		38.342									
12/14/13 4:00		38.335									
12/14/13 5:00		38.333									
12/14/13 6:00		38.338									
12/14/13 7:00		38.345									
12/14/13 8:00		38.366									
12/14/13 9:00		38.441									
12/14/13 10:00		38.452									
12/14/13 11:00		38.434									
12/14/13 12:00		38.434									
12/14/13 13:00		38.420									
12/14/13 14:00		38.396									
12/14/13 15:00		38.450									
12/14/13 16:00		38.417									
12/14/13 17:00		38.408									
12/14/13 18:00		38.396									
12/14/13 19:00		38.434									
12/14/13 20:00		38.508									
12/14/13 21:00		38.534									
12/14/13 22:00		38.473									
12/14/13 23:00		38.434									
12/15/13 0:00		38.429									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/15/13 1:00		38.375									
12/15/13 2:00		38.364									
12/15/13 3:00		38.324									
12/15/13 4:00		38.305									
12/15/13 5:00		38.307									
12/15/13 6:00		38.282									
12/15/13 7:00		38.265									
12/15/13 8:00		38.258									
12/15/13 9:00		38.261									
12/15/13 10:00		38.277									
12/15/13 11:00		38.296									
12/15/13 12:00		38.473									
12/15/13 13:00		38.602									
12/15/13 14:00		38.438									
12/15/13 15:00		38.403									
12/15/13 16:00		38.338									
12/15/13 17:00		38.312									
12/15/13 18:00		38.293									
12/15/13 19:00		38.298									
12/15/13 20:00		38.272									
12/15/13 21:00		38.265									
12/15/13 22:00		38.263									
12/15/13 23:00		38.279									
12/16/13 0:00		38.258									
12/16/13 1:00		38.263									
12/16/13 2:00		38.242									
12/16/13 3:00		38.228									
12/16/13 4:00		38.233									
12/16/13 5:00		38.237									
12/16/13 6:00		38.219									
12/16/13 7:00		38.221									
12/16/13 8:00		38.228									
12/16/13 9:00		38.233									
12/16/13 10:00		38.249									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/16/13 11:00		38.277									
12/16/13 12:00		38.291									
12/16/13 13:00		38.296									
12/16/13 14:00		38.272									
12/16/13 15:00		38.371									
12/16/13 16:00		38.324									
12/16/13 17:00		38.286									
12/16/13 18:00		38.300									
12/16/13 19:00		38.303									
12/16/13 20:00		38.305									
12/16/13 21:00		38.427									
12/16/13 22:00		38.466									
12/16/13 23:00		38.469									
12/17/13 0:00		38.441									
12/17/13 1:00		38.443									
12/17/13 2:00		38.396									
12/17/13 3:00		38.406									
12/17/13 4:00		38.401									
12/17/13 5:00		38.385									
12/17/13 6:00		38.385									
12/17/13 7:00		38.392									
12/17/13 8:00		38.406									
12/17/13 9:00		38.448									
12/17/13 10:00		38.483									
12/17/13 11:00		38.485									
12/17/13 12:00		38.548									
12/17/13 13:00		38.600									
12/17/13 14:00		38.583									
12/17/13 15:00		38.518									
12/17/13 16:00		38.527									
12/17/13 17:00		38.513									
12/17/13 18:00		38.511									
12/17/13 19:00		38.457									
12/17/13 20:00		38.434									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/17/13 21:00		38.401									
12/17/13 22:00		38.378									
12/17/13 23:00		38.364									
12/18/13 0:00		38.403									
12/18/13 1:00		38.548									
12/18/13 2:00		38.473									
12/18/13 3:00		38.413									
12/18/13 4:00		38.347									
12/18/13 5:00		38.279									
12/18/13 6:00		38.228									
12/18/13 7:00		38.191									
12/18/13 8:00		38.167									
12/18/13 9:00		38.148									
12/18/13 10:00		38.181									
12/18/13 11:00		38.170									
12/18/13 12:00		38.158									
12/18/13 13:00		38.174									
12/18/13 14:00		38.132									
12/18/13 15:00		38.090									
12/18/13 16:00		38.067									
12/18/13 17:00		38.043									
12/18/13 18:00		38.062									
12/18/13 19:00		38.111									
12/18/13 20:00		38.118									
12/18/13 21:00		38.123									
12/18/13 22:00		38.144									
12/18/13 23:00		38.254									
12/19/13 0:00		38.186									
12/19/13 1:00		38.141									
12/19/13 2:00		38.132									
12/19/13 3:00		38.118									
12/19/13 4:00		38.078									
12/19/13 5:00		38.069									
12/19/13 6:00		38.048									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/19/13 7:00		38.036									
12/19/13 8:00		38.025									
12/19/13 9:00		38.034									
12/19/13 10:00		38.060									
12/19/13 11:00		38.090									
12/19/13 12:00		38.153									
12/19/13 13:00		38.111									
12/19/13 14:00		38.090									
12/19/13 15:00		38.069									
12/19/13 16:00		38.179									
12/19/13 17:00		38.123									
12/19/13 18:00		38.193									
12/19/13 19:00		38.256									
12/19/13 20:00		38.228									
12/19/13 21:00		38.221									
12/19/13 22:00		38.254									
12/19/13 23:00		38.265									
12/20/13 0:00		38.282									
12/20/13 1:00		38.305									
12/20/13 2:00		38.303									
12/20/13 3:00		38.305									
12/20/13 4:00		38.305									
12/20/13 5:00		38.310									
12/20/13 6:00		38.307									
12/20/13 7:00		38.310									
12/20/13 8:00		38.303									
12/20/13 9:00		38.326									
12/20/13 10:00		38.321									
12/20/13 11:00		38.366									
12/20/13 12:00		38.373									
12/20/13 13:00		38.394									
12/20/13 14:00		38.466									
12/20/13 15:00		38.541									
12/20/13 16:00		38.480									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/20/13 17:00		38.429									
12/20/13 18:00		38.403									
12/20/13 19:00		38.396									
12/20/13 20:00		38.347									
12/20/13 21:00		38.298									
12/20/13 22:00		38.298									
12/20/13 23:00		38.289									
12/21/13 0:00		38.284									
12/21/13 1:00		38.279									
12/21/13 2:00		38.258									
12/21/13 3:00		38.230									
12/21/13 4:00		38.191									
12/21/13 5:00		38.177									
12/21/13 6:00		38.167									
12/21/13 7:00		38.158									
12/21/13 8:00		38.153									
12/21/13 9:00		38.156									
12/21/13 10:00		38.146									
12/21/13 11:00		38.156									
12/21/13 12:00		38.160									
12/21/13 13:00		38.163									
12/21/13 14:00		38.139									
12/21/13 15:00		38.118									
12/21/13 16:00		38.137									
12/21/13 17:00		38.123									
12/21/13 18:00		38.195									
12/21/13 19:00		38.163									
12/21/13 20:00		38.153									
12/21/13 21:00		38.153									
12/21/13 22:00		38.268									
12/21/13 23:00		38.431									
12/22/13 0:00		38.340									
12/22/13 1:00		38.319									
12/22/13 2:00		38.307									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/22/13 3:00		38.347									
12/22/13 4:00		38.371									
12/22/13 5:00		38.352									
12/22/13 6:00		38.357									
12/22/13 7:00		38.361									
12/22/13 8:00		38.382									
12/22/13 9:00		38.399									
12/22/13 10:00		38.445									
12/22/13 11:00		38.483									
12/22/13 12:00		38.490									
12/22/13 13:00		38.567									
12/22/13 14:00		38.520									
12/22/13 15:00		38.525									
12/22/13 16:00		38.522									
12/22/13 17:00		38.504									
12/22/13 18:00		38.506									
12/22/13 19:00		38.639									
12/22/13 20:00		38.630									
12/22/13 21:00		38.628									
12/22/13 22:00		38.609									
12/22/13 23:00		38.597									
12/23/13 0:00		38.572									
12/23/13 1:00		38.611									
12/23/13 2:00		38.604									
12/23/13 3:00		38.595									
12/23/13 4:00		38.600									
12/23/13 5:00		38.609									
12/23/13 6:00		38.604									
12/23/13 7:00		38.611									
12/23/13 8:00		38.628									
12/23/13 9:00		38.632									
12/23/13 10:00		38.665									
12/23/13 11:00		38.681									
12/23/13 12:00		38.709									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/23/13 13:00		38.695									
12/23/13 14:00		38.688									
12/23/13 15:00		38.651									
12/23/13 16:00		38.628									
12/23/13 17:00		38.625									
12/23/13 18:00		38.705									
12/23/13 19:00		38.670									
12/23/13 20:00		38.642									
12/23/13 21:00		38.607									
12/23/13 22:00		38.735									
12/23/13 23:00		38.749									
12/24/13 0:00		38.723									
12/24/13 1:00		38.621									
12/24/13 2:00		38.586									
12/24/13 3:00		38.534									
12/24/13 4:00		38.497									
12/24/13 5:00		38.464									
12/24/13 6:00		38.434									
12/24/13 7:00		38.408									
12/24/13 8:00		38.382									
12/24/13 9:00		38.368									
12/24/13 10:00		38.396									
12/24/13 11:00		38.357									
12/24/13 12:00		38.357									
12/24/13 13:00		38.515									
12/24/13 14:00		38.422									
12/24/13 15:00		38.319									
12/24/13 16:00		38.298									
12/24/13 17:00		38.275									
12/24/13 18:00		38.317									
12/24/13 19:00		38.396									
12/24/13 20:00		38.387									
12/24/13 21:00		38.371									
12/24/13 22:00		38.378									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/24/13 23:00		38.396									
12/25/13 0:00		38.413									
12/25/13 1:00		38.403									
12/25/13 2:00		38.410									
12/25/13 3:00		38.417									
12/25/13 4:00		38.441									
12/25/13 5:00		38.434									
12/25/13 6:00		38.431									
12/25/13 7:00		38.434									
12/25/13 8:00		38.431									
12/25/13 9:00		38.434									
12/25/13 10:00		38.438									
12/25/13 11:00		38.448									
12/25/13 12:00		38.452									
12/25/13 13:00		38.483									
12/25/13 14:00		38.473									
12/25/13 15:00		38.466									
12/25/13 16:00		38.448									
12/25/13 17:00		38.443									
12/25/13 18:00		38.852									
12/25/13 19:00		38.854									
12/25/13 20:00		38.864									
12/25/13 21:00		38.878									
12/25/13 22:00		38.896									
12/25/13 23:00		38.878									
12/26/13 0:00		38.875									
12/26/13 1:00		38.854									
12/26/13 2:00		38.866									
12/26/13 3:00		38.854									
12/26/13 4:00		38.850									
12/26/13 5:00		38.836									
12/26/13 6:00		38.817									
12/26/13 7:00		38.801									
12/26/13 8:00		38.791									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/26/13 9:00		38.798									
12/26/13 10:00		38.791									
12/26/13 11:00		38.836									
12/26/13 12:00		38.831									
12/26/13 13:00		38.983									
12/26/13 14:00		39.048									
12/26/13 15:00		38.971									
12/26/13 16:00		38.960									
12/26/13 17:00		38.936									
12/26/13 18:00		38.952									
12/26/13 19:00		38.754									
12/26/13 20:00		38.688									
12/26/13 21:00		38.614									
12/26/13 22:00		38.579									
12/26/13 23:00		38.555									
12/27/13 0:00		38.520									
12/27/13 1:00		38.504									
12/27/13 2:00		38.506									
12/27/13 3:00		38.504									
12/27/13 4:00		38.485									
12/27/13 5:00		38.473									
12/27/13 6:00		38.466									
12/27/13 7:00		38.462									
12/27/13 8:00		38.459									
12/27/13 9:00		38.457									
12/27/13 10:00		38.452									
12/27/13 11:00		38.462									
12/27/13 12:00		38.459									
12/27/13 13:00		38.515									
12/27/13 14:00		38.628									
12/27/13 15:00		38.583									
12/27/13 16:00		38.504									
12/27/13 17:00		38.483									
12/27/13 18:00		38.471									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/27/13 19:00		38.471									
12/27/13 20:00		38.443									
12/27/13 21:00		38.403									
12/27/13 22:00		38.382									
12/27/13 23:00		38.380									
12/28/13 0:00		38.371									
12/28/13 1:00		38.340									
12/28/13 2:00		38.317									
12/28/13 3:00		38.293									
12/28/13 4:00		38.279									
12/28/13 5:00		38.265									
12/28/13 6:00		38.249									
12/28/13 7:00		38.242									
12/28/13 8:00		38.230									
12/28/13 9:00		38.223									
12/28/13 10:00		38.233									
12/28/13 11:00		38.310									
12/28/13 12:00		38.464									
12/28/13 13:00		38.392									
12/28/13 14:00		38.321									
12/28/13 15:00		38.237									
12/28/13 16:00		38.205									
12/28/13 17:00		38.223									
12/28/13 18:00		38.230									
12/28/13 19:00		38.205									
12/28/13 20:00		38.200									
12/28/13 21:00		38.277									
12/28/13 22:00		38.277									
12/28/13 23:00		38.298									
12/29/13 0:00		38.333									
12/29/13 1:00		38.366									
12/29/13 2:00		38.392									
12/29/13 3:00		38.413									
12/29/13 4:00		38.438									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/29/13 5:00		38.452									
12/29/13 6:00		38.469									
12/29/13 7:00		38.485									
12/29/13 8:00		38.511									
12/29/13 9:00		38.534									
12/29/13 10:00		38.558									
12/29/13 11:00		38.569									
12/29/13 12:00		38.595									
12/29/13 13:00		38.604									
12/29/13 14:00		38.684									
12/29/13 15:00		38.726									
12/29/13 16:00		38.707									
12/29/13 17:00		38.658									
12/29/13 18:00		38.642									
12/29/13 19:00		38.616									
12/29/13 20:00		38.558									
12/29/13 21:00		38.522									
12/29/13 22:00		38.494									
12/29/13 23:00		38.490									
12/30/13 0:00		38.455									
12/30/13 1:00		38.445									
12/30/13 2:00		38.417									
12/30/13 3:00		38.389									
12/30/13 4:00		38.373									
12/30/13 5:00		38.361									
12/30/13 6:00		38.349									
12/30/13 7:00		38.345									
12/30/13 8:00		38.324									
12/30/13 9:00		38.326									
12/30/13 10:00		38.331									
12/30/13 11:00		38.333									
12/30/13 12:00		38.354									
12/30/13 13:00		38.429									
12/30/13 14:00		38.593									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
12/30/13 15:00		38.567									
12/30/13 16:00		38.511									
12/30/13 17:00		38.490									
12/30/13 18:00		38.492									
12/30/13 19:00		38.438									
12/30/13 20:00		38.450									
12/30/13 21:00		38.443									
12/30/13 22:00		38.469									
12/30/13 23:00		38.462									
12/31/13 0:00		38.483									
12/31/13 1:00		38.492									
12/31/13 2:00		38.462									
12/31/13 3:00		38.438									
12/31/13 4:00		38.429									
12/31/13 5:00		38.403									
12/31/13 6:00		38.371									
12/31/13 7:00		38.352									
12/31/13 8:00		38.338									
12/31/13 9:00		38.338									
12/31/13 10:00		38.328									
12/31/13 11:00		38.326									
12/31/13 12:00		38.303									
12/31/13 13:00		38.417									
12/31/13 14:00		38.506									
12/31/13 15:00		38.427									
12/31/13 16:00		38.368									
12/31/13 17:00		38.335									
12/31/13 18:00		38.298									
12/31/13 19:00		38.314									
12/31/13 20:00		38.300									
12/31/13 21:00		38.300									
12/31/13 22:00		38.289									
12/31/13 23:00		38.284									
1/1/14 0:00		38.296									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/1/14 1:00		38.286									
1/1/14 2:00		38.277									
1/1/14 3:00		38.279									
1/1/14 4:00		38.254									
1/1/14 5:00		38.258									
1/1/14 6:00		38.244									
1/1/14 7:00		38.251									
1/1/14 8:00		38.265									
1/1/14 9:00		38.282									
1/1/14 10:00		38.305									
1/1/14 11:00		38.347									
1/1/14 12:00		38.382									
1/1/14 13:00		38.399									
1/1/14 14:00		38.406									
1/1/14 15:00		38.408									
1/1/14 16:00		38.408									
1/1/14 17:00		38.434									
1/1/14 18:00		38.555									
1/1/14 19:00		38.649									
1/1/14 20:00		38.625									
1/1/14 21:00		38.660									
1/1/14 22:00		38.644									
1/1/14 23:00		38.656									
1/2/14 0:00		38.637									
1/2/14 1:00		38.625									
1/2/14 2:00		38.618									
1/2/14 3:00		38.576									
1/2/14 4:00		38.569									
1/2/14 5:00		38.553									
1/2/14 6:00		38.520									
1/2/14 7:00		38.504									
1/2/14 8:00		38.494									
1/2/14 9:00		38.490									
1/2/14 10:00		38.518									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/2/14 11:00		38.504									
1/2/14 12:00		38.513									
1/2/14 13:00		38.611									
1/2/14 14:00		38.787									
1/2/14 15:00		38.688									
1/2/14 16:00		38.604									
1/2/14 17:00		38.588									
1/2/14 18:00		38.569									
1/2/14 19:00		38.560									
1/2/14 20:00		38.534									
1/2/14 21:00		38.532									
1/2/14 22:00		38.508									
1/2/14 23:00		38.492									
1/3/14 0:00		38.497									
1/3/14 1:00		38.469									
1/3/14 2:00		38.443									
1/3/14 3:00		38.415									
1/3/14 4:00		38.401									
1/3/14 5:00		38.359									
1/3/14 6:00		38.319									
1/3/14 7:00		38.279									
1/3/14 8:00		38.249									
1/3/14 9:00		38.223									
1/3/14 10:00		38.202									
1/3/14 11:00		38.214									
1/3/14 12:00		38.191									
1/3/14 13:00		38.177									
1/3/14 14:00		38.328									
1/3/14 15:00		38.338									
1/3/14 16:00		38.286									
1/3/14 17:00		38.153									
1/3/14 18:00		38.282									
1/3/14 19:00		38.146									
1/3/14 20:00		38.102									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/3/14 21:00		38.071									
1/3/14 22:00		38.034									
1/3/14 23:00		38.015									
1/4/14 0:00		38.015									
1/4/14 1:00		38.032									
1/4/14 2:00		38.036									
1/4/14 3:00		38.039									
1/4/14 4:00		38.057									
1/4/14 5:00		38.062									
1/4/14 6:00		38.074									
1/4/14 7:00		38.092									
1/4/14 8:00		38.118									
1/4/14 9:00		38.141									
1/4/14 10:00		38.191									
1/4/14 11:00		38.256									
1/4/14 12:00		38.272									
1/4/14 13:00		38.312									
1/4/14 14:00		38.326									
1/4/14 15:00		38.455									
1/4/14 16:00		38.508									
1/4/14 17:00		38.485									
1/4/14 18:00		38.494									
1/4/14 19:00		38.466									
1/4/14 20:00		38.464									
1/4/14 21:00		38.464									
1/4/14 22:00		38.450									
1/4/14 23:00		38.445									
1/5/14 0:00		38.473									
1/5/14 1:00		38.455									
1/5/14 2:00		38.452									
1/5/14 3:00		38.462									
1/5/14 4:00		38.464									
1/5/14 5:00		38.469									
1/5/14 6:00		38.471									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/5/14 7:00		38.480									
1/5/14 8:00		38.492									
1/5/14 9:00		38.511									
1/5/14 10:00		38.539									
1/5/14 11:00		38.565									
1/5/14 12:00		38.602									
1/5/14 13:00		38.642									
1/5/14 14:00		38.625									
1/5/14 15:00		38.616									
1/5/14 16:00		38.632									
1/5/14 17:00		38.632									
1/5/14 18:00		38.653									
1/5/14 19:00		38.889									
1/5/14 20:00		38.826									
1/5/14 21:00		38.775									
1/5/14 22:00		38.775									
1/5/14 23:00		38.747									
1/6/14 0:00		38.719									
1/6/14 1:00		38.735									
1/6/14 2:00		38.700									
1/6/14 3:00		38.681									
1/6/14 4:00		38.670									
1/6/14 5:00		38.649									
1/6/14 6:00		38.632									
1/6/14 7:00		38.621									
1/6/14 8:00		38.614									
1/6/14 9:00		38.604									
1/6/14 10:00		38.607									
1/6/14 11:00		38.618									
1/6/14 12:00		38.621									
1/6/14 13:00		38.621									
1/6/14 14:00		38.581									
1/6/14 15:00		38.541									
1/6/14 16:00		38.677									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/6/14 17:00		38.684									
1/6/14 18:00		38.672									
1/6/14 19:00		38.686									
1/6/14 20:00		38.630									
1/6/14 21:00		38.562									
1/6/14 22:00		38.511									
1/6/14 23:00		38.469									
1/7/14 0:00		38.434									
1/7/14 1:00		38.424									
1/7/14 2:00		38.378									
1/7/14 3:00		38.349									
1/7/14 4:00		38.347									
1/7/14 5:00		38.310									
1/7/14 6:00		38.282									
1/7/14 7:00		38.261									
1/7/14 8:00		38.240									
1/7/14 9:00		38.237									
1/7/14 10:00		38.240									
1/7/14 11:00		38.256									
1/7/14 12:00		38.275									
1/7/14 13:00		38.450									
1/7/14 14:00		38.534									
1/7/14 15:00		38.471									
1/7/14 16:00		38.385									
1/7/14 17:00		38.345									
1/7/14 18:00		38.361									
1/7/14 19:00		38.392									
1/7/14 20:00		38.373									
1/7/14 21:00		38.364									
1/7/14 22:00		38.333									
1/7/14 23:00		38.328									
1/8/14 0:00		38.328									
1/8/14 1:00		38.319									
1/8/14 2:00		38.314									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/8/14 3:00		38.324									
1/8/14 4:00		38.321									
1/8/14 5:00		38.326									
1/8/14 6:00		38.331									
1/8/14 7:00		38.340									
1/8/14 8:00		38.349									
1/8/14 9:00		38.385									
1/8/14 10:00		38.394									
1/8/14 11:00		38.422									
1/8/14 12:00		38.452									
1/8/14 13:00		38.560									
1/8/14 14:00		38.555									
1/8/14 15:00		38.558									
1/8/14 16:00		38.541									
1/8/14 17:00		38.532									
1/8/14 18:00		38.492									
1/8/14 19:00		38.525									
1/8/14 20:00		38.539									
1/8/14 21:00		38.529									
1/8/14 22:00		38.522									
1/8/14 23:00		38.494									
1/9/14 0:00		38.478									
1/9/14 1:00		38.476									
1/9/14 2:00		38.450									
1/9/14 3:00		38.429									
1/9/14 4:00		38.429									
1/9/14 5:00		38.413									
1/9/14 6:00		38.396									
1/9/14 7:00		38.378									
1/9/14 8:00		38.366									
1/9/14 9:00		38.382									
1/9/14 10:00		38.359									
1/9/14 11:00		38.366									
1/9/14 12:00		38.361									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/9/14 13:00		38.434									
1/9/14 14:00		38.417									
1/9/14 15:00		38.434									
1/9/14 16:00		38.410									
1/9/14 17:00		38.352									
1/9/14 18:00		38.319									
1/9/14 19:00		38.328									
1/9/14 20:00		38.298									
1/9/14 21:00		38.277									
1/9/14 22:00		38.242									
1/9/14 23:00		38.216									
1/10/14 0:00		38.209									
1/10/14 1:00		38.181									
1/10/14 2:00		38.167									
1/10/14 3:00		38.130									
1/10/14 4:00		38.106									
1/10/14 5:00		38.102									
1/10/14 6:00		38.057									
1/10/14 7:00		38.039									
1/10/14 8:00		38.022									
1/10/14 9:00		38.027									
1/10/14 10:00		38.043									
1/10/14 11:00		38.022									
1/10/14 12:00		38.036									
1/10/14 13:00		38.022									
1/10/14 14:00		38.006									
1/10/14 15:00		38.022									
1/10/14 16:00		38.008									
1/10/14 17:00		38.097									
1/10/14 18:00		38.109									
1/10/14 19:00		38.116									
1/10/14 20:00		38.130									
1/10/14 21:00		38.254									
1/10/14 22:00		38.490									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/10/14 23:00		38.448									
1/11/14 0:00		38.361									
1/11/14 1:00		38.333									
1/11/14 2:00		38.275									
1/11/14 3:00		38.249									
1/11/14 4:00		38.240									
1/11/14 5:00		38.240									
1/11/14 6:00		38.258									
1/11/14 7:00		38.258									
1/11/14 8:00		38.270									
1/11/14 9:00		38.296									
1/11/14 10:00		38.307									
1/11/14 11:00		38.324									
1/11/14 12:00		38.681									
1/11/14 13:00		38.964									
1/11/14 14:00		39.060									
1/11/14 15:00		38.899									
1/11/14 16:00		38.693									
1/11/14 17:00		38.487									
1/11/14 18:00		38.424									
1/11/14 19:00		38.366									
1/11/14 20:00		38.427									
1/11/14 21:00		38.368									
1/11/14 22:00		38.387									
1/11/14 23:00		38.345									
1/12/14 0:00		38.303									
1/12/14 1:00		38.268									
1/12/14 2:00		38.333									
1/12/14 3:00		38.198									
1/12/14 4:00		38.160									
1/12/14 5:00		38.130									
1/12/14 6:00		38.228									
1/12/14 7:00		38.221									
1/12/14 8:00		38.074									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/12/14 9:00		38.060									
1/12/14 10:00		38.076									
1/12/14 11:00		38.078									
1/12/14 12:00		38.064									
1/12/14 13:00		38.048									
1/12/14 14:00		38.041									
1/12/14 15:00		38.071									
1/12/14 16:00		38.130									
1/12/14 17:00		38.151									
1/12/14 18:00		38.714									
1/12/14 19:00		38.815									
1/12/14 20:00		38.441									
1/12/14 21:00		38.754									
1/12/14 22:00		39.041									
1/12/14 23:00		38.462									
1/13/14 0:00		38.413									
1/13/14 1:00		38.364									
1/13/14 2:00		38.747									
1/13/14 3:00		38.775									
1/13/14 4:00		38.497									
1/13/14 5:00		38.389									
1/13/14 6:00		38.382									
1/13/14 7:00		38.392									
1/13/14 8:00		38.392									
1/13/14 9:00		38.394									
1/13/14 10:00		38.403									
1/13/14 11:00		38.422									
1/13/14 12:00		38.471									
1/13/14 13:00		38.579									
1/13/14 14:00		38.413									
1/13/14 15:00		38.518									
1/13/14 16:00		38.679									
1/13/14 17:00		38.770									
1/13/14 18:00		38.462									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/13/14 19:00		38.406									
1/13/14 20:00		38.392									
1/13/14 21:00		38.548									
1/13/14 22:00		38.511									
1/13/14 23:00		38.473									
1/14/14 0:00		38.415									
1/14/14 1:00		38.380									
1/14/14 2:00		38.352									
1/14/14 3:00		38.347									
1/14/14 4:00		38.349									
1/14/14 5:00		38.357									
1/14/14 6:00		39.044									
1/14/14 7:00		39.100									
1/14/14 8:00		39.083									
1/14/14 9:00		38.688									
1/14/14 10:00		39.118									
1/14/14 11:00		39.270									
1/14/14 12:00		39.555									
1/14/14 13:00		39.619									
1/14/14 14:00		39.651									
1/14/14 15:00		39.467									
1/14/14 16:00		39.677									
1/14/14 17:00		39.212									
1/14/14 18:00		38.831									
1/14/14 19:00		38.929									
1/14/14 20:00		38.908									
1/14/14 21:00		38.808									
1/14/14 22:00		38.768									
1/14/14 23:00		38.747									
1/15/14 0:00		38.735									
1/15/14 1:00		38.707									
1/15/14 2:00		38.667									
1/15/14 3:00		38.651									
1/15/14 4:00		38.609									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/15/14 5:00		38.579									
1/15/14 6:00		38.558									
1/15/14 7:00		38.541									
1/15/14 8:00		38.525									
1/15/14 9:00		38.529									
1/15/14 10:00		38.525									
1/15/14 11:00		38.511									
1/15/14 12:00		38.497									
1/15/14 13:00		38.448									
1/15/14 14:00		38.431									
1/15/14 15:00		38.399									
1/15/14 16:00		38.361									
1/15/14 17:00		38.314									
1/15/14 18:00		38.286									
1/15/14 19:00		38.251									
1/15/14 20:00		38.382									
1/15/14 21:00		38.420									
1/15/14 22:00		38.408									
1/15/14 23:00		38.347									
1/16/14 0:00		38.361									
1/16/14 1:00		38.331									
1/16/14 2:00		38.331									
1/16/14 3:00		38.312									
1/16/14 4:00		38.312									
1/16/14 5:00		38.310									
1/16/14 6:00		38.317									
1/16/14 7:00		38.312									
1/16/14 8:00		38.342									
1/16/14 9:00		38.357									
1/16/14 10:00		38.394									
1/16/14 11:00		38.443									
1/16/14 12:00		38.420									
1/16/14 13:00		38.406									
1/16/14 14:00		38.394									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/16/14 15:00		38.359									
1/16/14 16:00		38.373									
1/16/14 17:00		38.361									
1/16/14 18:00		38.368									
1/16/14 19:00		38.469									
1/16/14 20:00		38.504									
1/16/14 21:00		38.485									
1/16/14 22:00		38.497									
1/16/14 23:00		38.576									
1/17/14 0:00		38.787									
1/17/14 1:00		38.712									
1/17/14 2:00		38.665									
1/17/14 3:00		38.618									
1/17/14 4:00		38.593									
1/17/14 5:00		38.576									
1/17/14 6:00		38.565									
1/17/14 7:00		38.541									
1/17/14 8:00		38.527									
1/17/14 9:00		38.522									
1/17/14 10:00		38.560									
1/17/14 11:00		38.572									
1/17/14 12:00		38.560									
1/17/14 13:00		38.583									
1/17/14 14:00		38.513									
1/17/14 15:00		38.506									
1/17/14 16:00		38.469									
1/17/14 17:00		38.424									
1/17/14 18:00		38.450									
1/17/14 19:00		38.448									
1/17/14 20:00		38.441									
1/17/14 21:00		38.399									
1/17/14 22:00		38.371									
1/17/14 23:00		38.436									
1/18/14 0:00		38.534									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/18/14 1:00		38.483									
1/18/14 2:00		38.387									
1/18/14 3:00		38.321									
1/18/14 4:00		38.310									
1/18/14 5:00		38.275									
1/18/14 6:00		38.251									
1/18/14 7:00		38.244									
1/18/14 8:00		38.249									
1/18/14 9:00		38.282									
1/18/14 10:00		38.310									
1/18/14 11:00		38.333									
1/18/14 12:00		38.347									
1/18/14 13:00		38.380									
1/18/14 14:00		38.380									
1/18/14 15:00		38.380									
1/18/14 16:00		38.401									
1/18/14 17:00		38.455									
1/18/14 18:00		38.441									
1/18/14 19:00		38.562									
1/18/14 20:00		38.728									
1/18/14 21:00		38.660									
1/18/14 22:00		38.635									
1/18/14 23:00		38.635									
1/19/14 0:00		38.569									
1/19/14 1:00		38.546									
1/19/14 2:00		38.525									
1/19/14 3:00		38.485									
1/19/14 4:00		38.473									
1/19/14 5:00		38.441									
1/19/14 6:00		38.413									
1/19/14 7:00		38.385									
1/19/14 8:00		38.366									
1/19/14 9:00		38.361									
1/19/14 10:00		38.345									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/19/14 11:00		38.361									
1/19/14 12:00		38.357									
1/19/14 13:00		38.349									
1/19/14 14:00		38.317									
1/19/14 15:00		38.314									
1/19/14 16:00		38.473									
1/19/14 17:00		38.382									
1/19/14 18:00		38.415									
1/19/14 19:00		38.424									
1/19/14 20:00		38.450									
1/19/14 21:00		38.373									
1/19/14 22:00		38.335									
1/19/14 23:00		38.319									
1/20/14 0:00		38.317									
1/20/14 1:00		38.319									
1/20/14 2:00		38.303									
1/20/14 3:00		38.293									
1/20/14 4:00		38.300									
1/20/14 5:00		38.298									
1/20/14 6:00		38.298									
1/20/14 7:00		38.305									
1/20/14 8:00		38.331									
1/20/14 9:00		38.359									
1/20/14 10:00		38.403									
1/20/14 11:00		38.455									
1/20/14 12:00		38.658									
1/20/14 13:00		38.665									
1/20/14 14:00		38.602									
1/20/14 15:00		38.586									
1/20/14 16:00		38.550									
1/20/14 17:00		38.541									
1/20/14 18:00		38.686									
1/20/14 19:00		38.674									
1/20/14 20:00		38.656									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/20/14 21:00		38.639									
1/20/14 22:00		38.653									
1/20/14 23:00		38.677									
1/21/14 0:00		38.693									
1/21/14 1:00		38.719									
1/21/14 2:00		38.721									
1/21/14 3:00		38.737									
1/21/14 4:00		38.733									
1/21/14 5:00		38.730									
1/21/14 6:00		38.721									
1/21/14 7:00		38.709									
1/21/14 8:00		38.693									
1/21/14 9:00		38.688									
1/21/14 10:00		38.674									
1/21/14 11:00		38.674									
1/21/14 12:00		38.628									
1/21/14 13:00		38.597									
1/21/14 14:00		38.541									
1/21/14 15:00		38.490									
1/21/14 16:00		38.478									
1/21/14 17:00		38.480									
1/21/14 18:00		38.410									
1/21/14 19:00		38.550									
1/21/14 20:00		38.614									
1/21/14 21:00		38.520									
1/21/14 22:00		38.478									
1/21/14 23:00		38.438									
1/22/14 0:00		38.420									
1/22/14 1:00		38.410									
1/22/14 2:00		38.408									
1/22/14 3:00		38.417									
1/22/14 4:00		38.420									
1/22/14 5:00		38.429									
1/22/14 6:00		38.415									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/22/14 7:00		38.422									
1/22/14 8:00		38.427									
1/22/14 9:00		38.438									
1/22/14 10:00		38.462									
1/22/14 11:00		38.483									
1/22/14 12:00		38.513									
1/22/14 13:00		38.527									
1/22/14 14:00		38.483									
1/22/14 15:00		38.462									
1/22/14 16:00		38.448									
1/22/14 17:00		38.452									
1/22/14 18:00		38.674									
1/22/14 19:00		38.693									
1/22/14 20:00		38.705									
1/22/14 21:00		38.660									
1/22/14 22:00		38.679									
1/22/14 23:00		38.679									
1/23/14 0:00		38.714									
1/23/14 1:00		38.740									
1/23/14 2:00		38.744									
1/23/14 3:00		38.756									
1/23/14 4:00		38.770									
1/23/14 5:00		38.777									
1/23/14 6:00		38.787									
1/23/14 7:00		38.794									
1/23/14 8:00		38.805									
1/23/14 9:00		38.819									
1/23/14 10:00		38.850									
1/23/14 11:00		38.861									
1/23/14 12:00		38.866									
1/23/14 13:00		38.850									
1/23/14 14:00		38.910									
1/23/14 15:00		38.859									
1/23/14 16:00		38.868									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/23/14 17:00		38.978									
1/23/14 18:00		39.039									
1/23/14 19:00		38.978									
1/23/14 20:00		38.887									
1/23/14 21:00		38.798									
1/23/14 22:00		38.761									
1/23/14 23:00		38.707									
1/24/14 0:00		38.667									
1/24/14 1:00		38.635									
1/24/14 2:00		38.600									
1/24/14 3:00		38.574									
1/24/14 4:00		38.532									
1/24/14 5:00		38.497									
1/24/14 6:00		38.462									
1/24/14 7:00		38.415									
1/24/14 8:00		38.382									
1/24/14 9:00		38.357									
1/24/14 10:00		38.321									
1/24/14 11:00		38.303									
1/24/14 12:00		38.277									
1/24/14 13:00		38.279									
1/24/14 14:00		38.247									
1/24/14 15:00		38.216									
1/24/14 16:00		38.233									
1/24/14 17:00		38.251									
1/24/14 18:00		38.265									
1/24/14 19:00		38.293									
1/24/14 20:00		38.228									
1/24/14 21:00		38.193									
1/24/14 22:00		38.296									
1/24/14 23:00		38.331									
1/25/14 0:00		38.265									
1/25/14 1:00		38.263									
1/25/14 2:00		38.230									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/25/14 3:00		38.228									
1/25/14 4:00		38.244									
1/25/14 5:00		38.244									
1/25/14 6:00		38.249									
1/25/14 7:00		38.256									
1/25/14 8:00		38.263									
1/25/14 9:00		38.303									
1/25/14 10:00		38.312									
1/25/14 11:00		38.328									
1/25/14 12:00		38.490									
1/25/14 13:00		38.553									
1/25/14 14:00		38.473									
1/25/14 15:00		38.403									
1/25/14 16:00		38.352									
1/25/14 17:00		38.326									
1/25/14 18:00		38.310									
1/25/14 19:00		38.380									
1/25/14 20:00		38.396									
1/25/14 21:00		38.310									
1/25/14 22:00		38.263									
1/25/14 23:00		38.221									
1/26/14 0:00		38.198									
1/26/14 1:00		38.170									
1/26/14 2:00		38.141									
1/26/14 3:00		38.141									
1/26/14 4:00		38.123									
1/26/14 5:00		38.127									
1/26/14 6:00		38.120									
1/26/14 7:00		38.125									
1/26/14 8:00		38.134									
1/26/14 9:00		38.165									
1/26/14 10:00		38.170									
1/26/14 11:00		38.207									
1/26/14 12:00		38.282									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/26/14 13:00		38.298									
1/26/14 14:00		38.263									
1/26/14 15:00		38.233									
1/26/14 16:00		38.230									
1/26/14 17:00		38.214									
1/26/14 18:00		38.328									
1/26/14 19:00		38.457									
1/26/14 20:00		38.452									
1/26/14 21:00		38.480									
1/26/14 22:00		38.525									
1/26/14 23:00		38.543									
1/27/14 0:00		38.569									
1/27/14 1:00		38.602									
1/27/14 2:00		38.616									
1/27/14 3:00		38.623									
1/27/14 4:00		38.651									
1/27/14 5:00		38.651									
1/27/14 6:00		38.656									
1/27/14 7:00		38.658									
1/27/14 8:00		38.653									
1/27/14 9:00		38.663									
1/27/14 10:00		38.665									
1/27/14 11:00		38.672									
1/27/14 12:00		38.688									
1/27/14 13:00		38.754									
1/27/14 14:00		38.681									
1/27/14 15:00		38.723									
1/27/14 16:00		38.810									
1/27/14 17:00		38.836									
1/27/14 18:00		38.833									
1/27/14 19:00		38.784									
1/27/14 20:00		38.740									
1/27/14 21:00		38.705									
1/27/14 22:00		38.663									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/27/14 23:00		38.651									
1/28/14 0:00		38.651									
1/28/14 1:00		38.621									
1/28/14 2:00		38.597									
1/28/14 3:00		38.579									
1/28/14 4:00		38.560									
1/28/14 5:00		38.548									
1/28/14 6:00		38.536									
1/28/14 7:00		38.522									
1/28/14 8:00		38.520									
1/28/14 9:00		38.525									
1/28/14 10:00		38.534									
1/28/14 11:00		38.548									
1/28/14 12:00		38.548									
1/28/14 13:00		38.553									
1/28/14 14:00		38.525									
1/28/14 15:00		38.534									
1/28/14 16:00		38.534									
1/28/14 17:00		38.513									
1/28/14 18:00		38.515									
1/28/14 19:00		38.511									
1/28/14 20:00		38.501									
1/28/14 21:00		38.471									
1/28/14 22:00		38.483									
1/28/14 23:00		38.656									
1/29/14 0:00		38.595									
1/29/14 1:00		38.522									
1/29/14 2:00		38.501									
1/29/14 3:00		38.464									
1/29/14 4:00		38.436									
1/29/14 5:00		38.392									
1/29/14 6:00		38.366									
1/29/14 7:00		38.347									
1/29/14 8:00		38.338									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/29/14 9:00		38.331									
1/29/14 10:00		38.338									
1/29/14 11:00		38.364									
1/29/14 12:00		38.387									
1/29/14 13:00		38.361									
1/29/14 14:00		38.319									
1/29/14 15:00		38.293									
1/29/14 16:00		38.258									
1/29/14 17:00		38.219									
1/29/14 18:00		38.219									
1/29/14 19:00		38.218									
1/29/14 20:00		38.181									
1/29/14 21:00		38.207									
1/29/14 22:00		38.310									
1/29/14 23:00		38.261									
1/30/14 0:00		38.216									
1/30/14 1:00		38.170									
1/30/14 2:00		38.106									
1/30/14 3:00		38.095									
1/30/14 4:00		38.046									
1/30/14 5:00		38.025									
1/30/14 6:00		37.997									
1/30/14 7:00		37.985									
1/30/14 8:00		38.001									
1/30/14 9:00		38.018									
1/30/14 10:00		38.106									
1/30/14 11:00		38.144									
1/30/14 12:00		38.188									
1/30/14 13:00		38.214									
1/30/14 14:00		38.226									
1/30/14 15:00		38.240									
1/30/14 16:00		38.251									
1/30/14 17:00		38.265									
1/30/14 18:00		38.373									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
1/30/14 19:00		38.361									
1/30/14 20:00		38.366									
1/30/14 21:00		38.371									
1/30/14 22:00		38.382									
1/30/14 23:00		38.464									
1/31/14 0:00		38.550									
1/31/14 1:00		38.525									
1/31/14 2:00		38.494									
1/31/14 3:00		38.478									
1/31/14 4:00		38.417									
1/31/14 5:00		38.394									
1/31/14 6:00		38.408									
1/31/14 7:00		38.387									
1/31/14 8:00		38.382									
1/31/14 9:00		38.399									
1/31/14 10:00		38.403									
1/31/14 11:00		38.452									
1/31/14 12:00		38.450									
1/31/14 13:00		38.450									
1/31/14 14:00		38.492									
1/31/14 15:00		38.478									
1/31/14 16:00		38.499									
1/31/14 17:00		38.441									
1/31/14 18:00		38.415									
1/31/14 19:00		38.438									
1/31/14 20:00		38.469									
1/31/14 21:00		38.415									
1/31/14 22:00		38.394									
1/31/14 23:00		38.378									
2/1/14 0:00		38.366									
2/1/14 1:00		38.357									
2/1/14 2:00		38.364									
2/1/14 3:00		38.326									
2/1/14 4:00		38.335									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/1/14 5:00		38.307									
2/1/14 6:00		38.300									
2/1/14 7:00		38.300									
2/1/14 8:00		38.305									
2/1/14 9:00		38.331									
2/1/14 10:00		38.364									
2/1/14 11:00		38.387									
2/1/14 12:00		38.438									
2/1/14 13:00		38.445									
2/1/14 14:00		38.441									
2/1/14 15:00		38.455									
2/1/14 16:00		38.434									
2/1/14 17:00		38.462									
2/1/14 18:00		38.459									
2/1/14 19:00		38.494									
2/1/14 20:00		38.513									
2/1/14 21:00		38.532									
2/1/14 22:00		38.546									
2/1/14 23:00		38.576									
2/2/14 0:00		38.581									
2/2/14 1:00		38.583									
2/2/14 2:00		38.593									
2/2/14 3:00		38.595									
2/2/14 4:00		38.593									
2/2/14 5:00		38.583									
2/2/14 6:00		38.572									
2/2/14 7:00		38.560									
2/2/14 8:00		38.565									
2/2/14 9:00		38.583									
2/2/14 10:00		38.604									
2/2/14 11:00		38.621									
2/2/14 12:00		38.873									
2/2/14 13:00		38.922									
2/2/14 14:00		38.854									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/2/14 15:00		38.730									
2/2/14 16:00		38.639									
2/2/14 17:00		38.632									
2/2/14 18:00		38.572									
2/2/14 19:00		38.646									
2/2/14 20:00		38.653									
2/2/14 21:00		38.609									
2/2/14 22:00		38.576									
2/2/14 23:00		38.555									
2/3/14 0:00		38.527									
2/3/14 1:00		38.529									
2/3/14 2:00		38.513									
2/3/14 3:00		38.494									
2/3/14 4:00		38.506									
2/3/14 5:00		38.469									
2/3/14 6:00		38.452									
2/3/14 7:00		38.445									
2/3/14 8:00		38.438									
2/3/14 9:00		38.438									
2/3/14 10:00		38.443									
2/3/14 11:00		38.459									
2/3/14 12:00		38.508									
2/3/14 13:00		38.653									
2/3/14 14:00		38.618									
2/3/14 15:00		38.541									
2/3/14 16:00		38.466									
2/3/14 17:00		38.480									
2/3/14 18:00		38.485									
2/3/14 19:00		38.518									
2/3/14 20:00		38.490									
2/3/14 21:00		38.466									
2/3/14 22:00		38.429									
2/3/14 23:00		38.448									
2/4/14 0:00		38.431									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/4/14 1:00		38.436									
2/4/14 2:00		38.420									
2/4/14 3:00		38.420									
2/4/14 4:00		38.422									
2/4/14 5:00		38.431									
2/4/14 6:00		38.408									
2/4/14 7:00		38.389									
2/4/14 8:00		38.371									
2/4/14 9:00		38.354									
2/4/14 10:00		38.354									
2/4/14 11:00		38.352									
2/4/14 12:00		38.354									
2/4/14 13:00		38.354									
2/4/14 14:00		38.349									
2/4/14 15:00		38.338									
2/4/14 16:00		38.340									
2/4/14 17:00		38.347									
2/4/14 18:00		38.410									
2/4/14 19:00		38.455									
2/4/14 20:00		38.466									
2/4/14 21:00		38.497									
2/4/14 22:00		38.576									
2/4/14 23:00		38.565									
2/5/14 0:00		38.576									
2/5/14 1:00		38.604									
2/5/14 2:00		38.653									
2/5/14 3:00		38.649									
2/5/14 4:00		38.670									
2/5/14 5:00		38.691									
2/5/14 6:00		38.705									
2/5/14 7:00		38.707									
2/5/14 8:00		38.716									
2/5/14 9:00		38.730									
2/5/14 10:00		38.754									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/5/14 11:00		38.798									
2/5/14 12:00		38.850									
2/5/14 13:00		38.845									
2/5/14 14:00		38.833									
2/5/14 15:00		38.777									
2/5/14 16:00		38.787									
2/5/14 17:00		38.810									
2/5/14 18:00		38.850									
2/5/14 19:00		38.908									
2/5/14 20:00		38.892									
2/5/14 21:00		38.826									
2/5/14 22:00		38.798									
2/5/14 23:00		38.754									
2/6/14 0:00		38.744									
2/6/14 1:00		38.728									
2/6/14 2:00		38.714									
2/6/14 3:00		38.702									
2/6/14 4:00		38.695									
2/6/14 5:00		38.695									
2/6/14 6:00		38.679									
2/6/14 7:00		38.674									
2/6/14 8:00		38.667									
2/6/14 9:00		38.658									
2/6/14 10:00		38.663									
2/6/14 11:00		38.667									
2/6/14 12:00		38.658									
2/6/14 13:00		38.674									
2/6/14 14:00		38.667									
2/6/14 15:00		38.684									
2/6/14 16:00		38.660									
2/6/14 17:00		38.653									
2/6/14 18:00		38.609									
2/6/14 19:00		38.597									
2/6/14 20:00		38.569									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/6/14 21:00		38.546									
2/6/14 22:00		38.569									
2/6/14 23:00		38.607									
2/7/14 0:00		38.555									
2/7/14 1:00		38.543									
2/7/14 2:00		38.499									
2/7/14 3:00		38.490									
2/7/14 4:00		38.466									
2/7/14 5:00		38.448									
2/7/14 6:00		38.429									
2/7/14 7:00		38.422									
2/7/14 8:00		38.413									
2/7/14 9:00		38.408									
2/7/14 10:00		38.406									
2/7/14 11:00		38.420									
2/7/14 12:00		38.415									
2/7/14 13:00		38.413									
2/7/14 14:00		38.382									
2/7/14 15:00		38.380									
2/7/14 16:00		38.401									
2/7/14 17:00		38.572									
2/7/14 18:00		38.518									
2/7/14 19:00		38.525									
2/7/14 20:00		38.473									
2/7/14 21:00		38.429									
2/7/14 22:00		38.389									
2/7/14 23:00		38.364									
2/8/14 0:00		38.357									
2/8/14 1:00		38.335									
2/8/14 2:00		38.340									
2/8/14 3:00		38.317									
2/8/14 4:00		38.298									
2/8/14 5:00		38.296									
2/8/14 6:00		38.296									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/8/14 7:00		38.291									
2/8/14 8:00		38.277									
2/8/14 9:00		38.305									
2/8/14 10:00		38.307									
2/8/14 11:00		38.319									
2/8/14 12:00		38.340									
2/8/14 13:00		38.480									
2/8/14 14:00		38.471									
2/8/14 15:00		38.448									
2/8/14 16:00		38.403									
2/8/14 17:00		38.410									
2/8/14 18:00		38.403									
2/8/14 19:00		38.429									
2/8/14 20:00		38.431									
2/8/14 21:00		38.420									
2/8/14 22:00		38.401									
2/8/14 23:00		38.401									
2/9/14 0:00		38.415									
2/9/14 1:00		38.450									
2/9/14 2:00		38.450									
2/9/14 3:00		38.448									
2/9/14 4:00		38.450									
2/9/14 5:00		38.448									
2/9/14 6:00		38.455									
2/9/14 7:00		38.459									
2/9/14 8:00		38.462									
2/9/14 9:00		38.473									
2/9/14 10:00		38.480									
2/9/14 11:00		38.499									
2/9/14 12:00		38.534									
2/9/14 13:00		38.543									
2/9/14 14:00		38.529									
2/9/14 15:00		38.555									
2/9/14 16:00		38.520									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/9/14 17:00		38.518									
2/9/14 18:00		38.522									
2/9/14 19:00		38.695									
2/9/14 20:00		38.787									
2/9/14 21:00		38.728									
2/9/14 22:00		38.665									
2/9/14 23:00		38.646									
2/10/14 0:00		38.658									
2/10/14 1:00		38.628									
2/10/14 2:00		38.620									
2/10/14 3:00		38.602									
2/10/14 4:00		38.593									
2/10/14 5:00		38.581									
2/10/14 6:00		38.586									
2/10/14 7:00		38.579									
2/10/14 8:00		38.574									
2/10/14 9:00		38.593									
2/10/14 10:00		38.621									
2/10/14 11:00		38.651									
2/10/14 12:00		38.618									
2/10/14 13:00		38.651									
2/10/14 14:00		38.618									
2/10/14 15:00		38.602									
2/10/14 16:00		38.599									
2/10/14 17:00		38.581									
2/10/14 18:00		38.586									
2/10/14 19:00		38.574									
2/10/14 20:00		38.693									
2/10/14 21:00		38.784									
2/10/14 22:00		38.735									
2/10/14 23:00		38.672									
2/11/14 0:00		38.632									
2/11/14 1:00		38.621									
2/11/14 2:00		38.609									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/11/14 3:00		38.583									
2/11/14 4:00		38.579									
2/11/14 5:00		38.548									
2/11/14 6:00		38.534									
2/11/14 7:00		38.522									
2/11/14 8:00		38.513									
2/11/14 9:00		38.534									
2/11/14 10:00		38.543									
2/11/14 11:00		38.525									
2/11/14 12:00		38.553									
2/11/14 13:00		38.522									
2/11/14 14:00		38.480									
2/11/14 15:00		38.445									
2/11/14 16:00		38.536									
2/11/14 17:00		38.487									
2/11/14 18:00		38.438									
2/11/14 19:00		38.443									
2/11/14 20:00		38.415									
2/11/14 21:00		38.408									
2/11/14 22:00		38.448									
2/11/14 23:00		38.618									
2/12/14 0:00		38.550									
2/12/14 1:00		38.487									
2/12/14 2:00		38.590									
2/12/14 3:00		38.436									
2/12/14 4:00		38.378									
2/12/14 5:00		38.380									
2/12/14 6:00		38.335									
2/12/14 7:00		38.321									
2/12/14 8:00		38.326									
2/12/14 9:00		38.338									
2/12/14 10:00		38.831									
2/12/14 11:00		39.025									
2/12/14 12:00		38.836									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/12/14 13:00		38.894									
2/12/14 14:00		38.882									
2/12/14 15:00		38.642									
2/12/14 16:00		38.649									
2/12/14 17:00		38.539									
2/12/14 18:00		38.527									
2/12/14 19:00		38.501									
2/12/14 20:00		38.471									
2/12/14 21:00		38.450									
2/12/14 22:00		38.412									
2/12/14 23:00		38.371									
2/13/14 0:00		38.324									
2/13/14 1:00		38.303									
2/13/14 2:00		38.270									
2/13/14 3:00		38.254									
2/13/14 4:00		38.223									
2/13/14 5:00		38.216									
2/13/14 6:00		38.205									
2/13/14 7:00		38.198									
2/13/14 8:00		38.205									
2/13/14 9:00		38.219									
2/13/14 10:00		38.244									
2/13/14 11:00		38.289									
2/13/14 12:00		38.314									
2/13/14 13:00		38.333									
2/13/14 14:00		38.293									
2/13/14 15:00		38.307									
2/13/14 16:00		38.441									
2/13/14 17:00		38.499									
2/13/14 18:00		38.478									
2/13/14 19:00		38.420									
2/13/14 20:00		38.345									
2/13/14 21:00		38.305									
2/13/14 22:00		38.258									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/13/14 23:00		38.230									
2/14/14 0:00		38.207									
2/14/14 1:00		38.193									
2/14/14 2:00		38.177									
2/14/14 3:00		38.172									
2/14/14 4:00		38.191									
2/14/14 5:00		38.207									
2/14/14 6:00		38.214									
2/14/14 7:00		38.233									
2/14/14 8:00		38.251									
2/14/14 9:00		38.279									
2/14/14 10:00		38.319									
2/14/14 11:00		38.401									
2/14/14 12:00		38.635									
2/14/14 13:00		38.747									
2/14/14 14:00		38.637									
2/14/14 15:00		38.604									
2/14/14 16:00		38.604									
2/14/14 17:00		38.712									
2/14/14 18:00		38.628									
2/14/14 19:00		38.651									
2/14/14 20:00		38.602									
2/14/14 21:00		38.569									
2/14/14 22:00		38.536									
2/14/14 23:00		38.518									
2/15/14 0:00		38.518									
2/15/14 1:00		38.499									
2/15/14 2:00		38.466									
2/15/14 3:00		38.436									
2/15/14 4:00		38.422									
2/15/14 5:00		38.378									
2/15/14 6:00		38.349									
2/15/14 7:00		38.326									
2/15/14 8:00		38.291									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/15/14 9:00		38.298									
2/15/14 10:00		38.296									
2/15/14 11:00		38.331									
2/15/14 12:00		38.347									
2/15/14 13:00		38.357									
2/15/14 14:00		38.480									
2/15/14 15:00		38.522									
2/15/14 16:00		38.487									
2/15/14 17:00		38.576									
2/15/14 18:00		38.569									
2/15/14 19:00		38.504									
2/15/14 20:00		38.527									
2/15/14 21:00		38.506									
2/15/14 22:00		38.497									
2/15/14 23:00		38.515									
2/16/14 0:00		38.529									
2/16/14 1:00		38.543									
2/16/14 2:00		38.520									
2/16/14 3:00		38.513									
2/16/14 4:00		38.499									
2/16/14 5:00		38.506									
2/16/14 6:00		38.480									
2/16/14 7:00		38.466									
2/16/14 8:00		38.452									
2/16/14 9:00		38.466									
2/16/14 10:00		38.513									
2/16/14 11:00		38.583									
2/16/14 12:00		38.548									
2/16/14 13:00		38.501									
2/16/14 14:00		38.504									
2/16/14 15:00		38.607									
2/16/14 16:00		38.588									
2/16/14 17:00		38.508									
2/16/14 18:00		38.441									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/16/14 19:00		38.448									
2/16/14 20:00		38.438									
2/16/14 21:00		38.371									
2/16/14 22:00		38.328									
2/16/14 23:00		38.291									
2/17/14 0:00		38.270									
2/17/14 1:00		38.251									
2/17/14 2:00		38.263									
2/17/14 3:00		38.263									
2/17/14 4:00		38.265									
2/17/14 5:00		38.279									
2/17/14 6:00		38.328									
2/17/14 7:00		38.364									
2/17/14 8:00		38.403									
2/17/14 9:00		38.443									
2/17/14 10:00		38.478									
2/17/14 11:00		38.520									
2/17/14 12:00		38.520									
2/17/14 13:00		38.504									
2/17/14 14:00		38.525									
2/17/14 15:00		38.543									
2/17/14 16:00		38.494									
2/17/14 17:00		38.483									
2/17/14 18:00		38.459									
2/17/14 19:00		38.455									
2/17/14 20:00		38.569									
2/17/14 21:00		38.702									
2/17/14 22:00		38.632									
2/17/14 23:00		38.572									
2/18/14 0:00		38.513									
2/18/14 1:00		38.485									
2/18/14 2:00		38.434									
2/18/14 3:00		38.382									
2/18/14 4:00		38.349									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/18/14 5:00		38.307									
2/18/14 6:00		38.275									
2/18/14 7:00		38.258									
2/18/14 8:00		38.247									
2/18/14 9:00		38.282									
2/18/14 10:00		38.298									
2/18/14 11:00		38.282									
2/18/14 12:00		38.282									
2/18/14 13:00		38.328									
2/18/14 14:00		38.335									
2/18/14 15:00		38.331									
2/18/14 16:00		38.321									
2/18/14 17:00		38.324									
2/18/14 18:00		38.415									
2/18/14 19:00		38.632									
2/18/14 20:00		38.716									
2/18/14 21:00		38.604									
2/18/14 22:00		38.541									
2/18/14 23:00		38.546									
2/19/14 0:00		38.522									
2/19/14 1:00		38.548									
2/19/14 2:00		38.529									
2/19/14 3:00		38.527									
2/19/14 4:00		38.490									
2/19/14 5:00		38.494									
2/19/14 6:00		38.471									
2/19/14 7:00		38.441									
2/19/14 8:00		38.429									
2/19/14 9:00		38.436									
2/19/14 10:00		38.455									
2/19/14 11:00		38.459									
2/19/14 12:00		38.429									
2/19/14 13:00		38.420									
2/19/14 14:00		38.399									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/19/14 15:00		38.347									
2/19/14 16:00		38.303									
2/19/14 17:00		38.242									
2/19/14 18:00		38.242									
2/19/14 19:00		38.233									
2/19/14 20:00		38.247									
2/19/14 21:00		38.191									
2/19/14 22:00		38.254									
2/19/14 23:00		38.373									
2/20/14 0:00		38.300									
2/20/14 1:00		38.247									
2/20/14 2:00		38.200									
2/20/14 3:00		38.151									
2/20/14 4:00		38.139									
2/20/14 5:00		38.148									
2/20/14 6:00		38.095									
2/20/14 7:00		38.137									
2/20/14 8:00		38.146									
2/20/14 9:00		38.216									
2/20/14 10:00		38.291									
2/20/14 11:00		38.368									
2/20/14 12:00		38.396									
2/20/14 13:00		38.357									
2/20/14 14:00		38.375									
2/20/14 15:00		38.389									
2/20/14 16:00		38.408									
2/20/14 17:00		38.427									
2/20/14 18:00		38.448									
2/20/14 19:00		38.473									
2/20/14 20:00		38.485									
2/20/14 21:00		38.513									
2/20/14 22:00		38.644									
2/20/14 23:00		38.700									
2/21/14 0:00		38.656									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/21/14 1:00		38.590									
2/21/14 2:00		38.550									
2/21/14 3:00		38.543									
2/21/14 4:00		38.506									
2/21/14 5:00		38.476									
2/21/14 6:00		38.459									
2/21/14 7:00		38.445									
2/21/14 8:00		38.450									
2/21/14 9:00		38.427									
2/21/14 10:00		38.464									
2/21/14 11:00		38.483									
2/21/14 12:00		38.471									
2/21/14 13:00		38.431									
2/21/14 14:00		38.450									
2/21/14 15:00		38.429									
2/21/14 16:00		38.406									
2/21/14 17:00		38.408									
2/21/14 18:00		38.422									
2/21/14 19:00		38.492									
2/21/14 20:00		38.595									
2/21/14 21:00		38.644									
2/21/14 22:00		38.593									
2/21/14 23:00		38.550									
2/22/14 0:00		38.515									
2/22/14 1:00		38.497									
2/22/14 2:00		38.476									
2/22/14 3:00		38.476									
2/22/14 4:00		38.438									
2/22/14 5:00		38.443									
2/22/14 6:00		38.419									
2/22/14 7:00		38.422									
2/22/14 8:00		38.420									
2/22/14 9:00		38.436									
2/22/14 10:00		38.466									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/22/14 11:00		38.469									
2/22/14 12:00		38.487									
2/22/14 13:00		38.471									
2/22/14 14:00		38.448									
2/22/14 15:00		38.452									
2/22/14 16:00		38.473									
2/22/14 17:00		38.476									
2/22/14 18:00		38.478									
2/22/14 19:00		38.569									
2/22/14 20:00		38.763									
2/22/14 21:00		38.693									
2/22/14 22:00		38.663									
2/22/14 23:00		38.646									
2/23/14 0:00		38.595									
2/23/14 1:00		38.583									
2/23/14 2:00		38.597									
2/23/14 3:00		38.625									
2/23/14 4:00		38.616									
2/23/14 5:00		38.609									
2/23/14 6:00		38.609									
2/23/14 7:00		38.621									
2/23/14 8:00		38.628									
2/23/14 9:00		38.663									
2/23/14 10:00		38.705									
2/23/14 11:00		38.730									
2/23/14 12:00		38.728									
2/23/14 13:00		38.714									
2/23/14 14:00		38.712									
2/23/14 15:00		38.691									
2/23/14 16:00		38.693									
2/23/14 17:00		38.681									
2/23/14 18:00		38.695									
2/23/14 19:00		38.707									
2/23/14 20:00		38.887									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/23/14 21:00		38.871									
2/23/14 22:00		38.814									
2/23/14 23:00		38.794									
2/24/14 0:00		38.751									
2/24/14 1:00		38.728									
2/24/14 2:00		38.709									
2/24/14 3:00		38.677									
2/24/14 4:00		38.644									
2/24/14 5:00		38.618									
2/24/14 6:00		38.611									
2/24/14 7:00		38.600									
2/24/14 8:00		38.595									
2/24/14 9:00		38.609									
2/24/14 10:00		38.625									
2/24/14 11:00		38.635									
2/24/14 12:00		38.611									
2/24/14 13:00		38.569									
2/24/14 14:00		38.541									
2/24/14 15:00		38.511									
2/24/14 16:00		38.483									
2/24/14 17:00		38.518									
2/24/14 18:00		38.660									
2/24/14 19:00		38.733									
2/24/14 20:00		38.698									
2/24/14 21:00		38.644									
2/24/14 22:00		38.630									
2/24/14 23:00		38.616									
2/25/14 0:00		38.637									
2/25/14 1:00		38.632									
2/25/14 2:00		38.642									
2/25/14 3:00		38.658									
2/25/14 4:00		38.651									
2/25/14 5:00		38.653									
2/25/14 6:00		38.651									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/25/14 7:00		38.644									
2/25/14 8:00		38.632									
2/25/14 9:00		38.656									
2/25/14 10:00		38.674									
2/25/14 11:00		38.698									
2/25/14 12:00		38.693									
2/25/14 13:00		38.747									
2/25/14 14:00		38.822									
2/25/14 15:00		38.780									
2/25/14 16:00		38.707									
2/25/14 17:00		38.728									
2/25/14 18:00		38.751									
2/25/14 19:00		38.770									
2/25/14 20:00		38.744									
2/25/14 21:00		38.758									
2/25/14 22:00		38.742									
2/25/14 23:00		38.775									
2/26/14 0:00		38.766									
2/26/14 1:00		38.759									
2/26/14 2:00		38.749									
2/26/14 3:00		38.733									
2/26/14 4:00		38.688									
2/26/14 5:00		38.658									
2/26/14 6:00		38.623									
2/26/14 7:00		38.616									
2/26/14 8:00		38.600									
2/26/14 9:00		38.611									
2/26/14 10:00		38.625									
2/26/14 11:00		38.597									
2/26/14 12:00		38.616									
2/26/14 13:00		38.700									
2/26/14 14:00		38.712									
2/26/14 15:00		38.681									
2/26/14 16:00		38.595									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/26/14 17:00		38.518									
2/26/14 18:00		38.494									
2/26/14 19:00		38.536									
2/26/14 20:00		38.487									
2/26/14 21:00		38.443									
2/26/14 22:00		38.429									
2/26/14 23:00		38.413									
2/27/14 0:00		38.403									
2/27/14 1:00		38.408									
2/27/14 2:00		38.389									
2/27/14 3:00		38.378									
2/27/14 4:00		38.370									
2/27/14 5:00		38.373									
2/27/14 6:00		38.382									
2/27/14 7:00		38.401									
2/27/14 8:00		38.401									
2/27/14 9:00		38.410									
2/27/14 10:00		38.464									
2/27/14 11:00		38.656									
2/27/14 12:00		38.618									
2/27/14 13:00		38.576									
2/27/14 14:00		38.508									
2/27/14 15:00		38.473									
2/27/14 16:00		38.392									
2/27/14 17:00		38.373									
2/27/14 18:00		38.410									
2/27/14 19:00		38.429									
2/27/14 20:00		38.387									
2/27/14 21:00		38.335									
2/27/14 22:00		38.296									
2/27/14 23:00		38.291									
2/28/14 0:00		38.258									
2/28/14 1:00		38.244									
2/28/14 2:00		38.235									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
2/28/14 3:00		38.214									
2/28/14 4:00		38.186									
2/28/14 5:00		38.163									
2/28/14 6:00		38.151									
2/28/14 7:00		38.156									
2/28/14 8:00		38.174									
2/28/14 9:00		38.216									
2/28/14 10:00		38.261									
2/28/14 11:00		38.303									
2/28/14 12:00		38.366									
2/28/14 13:00		38.499									
2/28/14 14:00		38.548									
2/28/14 15:00		38.490									
2/28/14 16:00		38.443									
2/28/14 17:00		38.438									
2/28/14 18:00		38.457									
2/28/14 19:00		38.508									
2/28/14 20:00		38.501									
2/28/14 21:00		38.508									
2/28/14 22:00		38.529									
2/28/14 23:00		38.546									
3/1/14 0:00		38.555									
3/1/14 1:00		38.558									
3/1/14 2:00		38.569									
3/1/14 3:00		38.600									
3/1/14 4:00		38.581									
3/1/14 5:00		38.588									
3/1/14 6:00		38.579									
3/1/14 7:00		38.569									
3/1/14 8:00		38.576									
3/1/14 9:00		38.590									
3/1/14 10:00		38.607									
3/1/14 11:00		38.625									
3/1/14 12:00		38.705									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/1/14 13:00		38.787									
3/1/14 14:00		38.794									
3/1/14 15:00		38.714									
3/1/14 16:00		38.681									
3/1/14 17:00		38.658									
3/1/14 18:00		38.667									
3/1/14 19:00		38.684									
3/1/14 20:00		38.705									
3/1/14 21:00		38.691									
3/1/14 22:00		38.695									
3/1/14 23:00		38.709									
3/2/14 0:00		38.749									
3/2/14 1:00		38.733									
3/2/14 2:00		38.735									
3/2/14 3:00		38.735									
3/2/14 4:00		38.712									
3/2/14 5:00		38.709									
3/2/14 6:00		38.707									
3/2/14 7:00		38.705									
3/2/14 8:00		38.721									
3/2/14 9:00		38.707									
3/2/14 10:00		38.737									
3/2/14 11:00		38.759									
3/2/14 12:00		38.754									
3/2/14 13:00		38.826									
3/2/14 14:00		38.772									
3/2/14 15:00		38.880									
3/2/14 16:00		38.955									
3/2/14 17:00		38.910									
3/2/14 18:00		38.794									
3/2/14 19:00		38.766									
3/2/14 20:00		38.749									
3/2/14 21:00		38.733									
3/2/14 22:00		38.742									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/2/14 23:00		38.733									
3/3/14 0:00		38.730									
3/3/14 1:00		38.754									
3/3/14 2:00		38.735									
3/3/14 3:00		38.716									
3/3/14 4:00		38.688									
3/3/14 5:00		38.670									
3/3/14 6:00		38.653									
3/3/14 7:00		38.642									
3/3/14 8:00		38.632									
3/3/14 9:00		38.658									
3/3/14 10:00		38.644									
3/3/14 11:00		38.665									
3/3/14 12:00		38.658									
3/3/14 13:00		38.737									
3/3/14 14:00		38.922									
3/3/14 15:00		38.878									
3/3/14 16:00		38.873									
3/3/14 17:00		38.707									
3/3/14 18:00		38.651									
3/3/14 19:00		38.581									
3/3/14 20:00		38.532									
3/3/14 21:00		38.506									
3/3/14 22:00		38.483									
3/3/14 23:00		38.471									
3/4/14 0:00		38.462									
3/4/14 1:00		38.443									
3/4/14 2:00		38.420									
3/4/14 3:00		38.399									
3/4/14 4:00		38.384									
3/4/14 5:00		38.373									
3/4/14 6:00		38.361									
3/4/14 7:00		38.342									
3/4/14 8:00		38.333									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/4/14 9:00		38.359									
3/4/14 10:00		38.361									
3/4/14 11:00		38.364									
3/4/14 12:00		38.382									
3/4/14 13:00		38.385									
3/4/14 14:00		38.368									
3/4/14 15:00		38.448									
3/4/14 16:00		38.373									
3/4/14 17:00		38.345									
3/4/14 18:00		38.342									
3/4/14 19:00		38.387									
3/4/14 20:00		38.373									
3/4/14 21:00		38.382									
3/4/14 22:00		38.473									
3/4/14 23:00		38.527									
3/5/14 0:00		38.492									
3/5/14 1:00		38.462									
3/5/14 2:00		38.443									
3/5/14 3:00		38.448									
3/5/14 4:00		38.457									
3/5/14 5:00		38.459									
3/5/14 6:00		38.459									
3/5/14 7:00		38.471									
3/5/14 8:00		38.485									
3/5/14 9:00		38.511									
3/5/14 10:00		38.543									
3/5/14 11:00		38.562									
3/5/14 12:00		38.576									
3/5/14 13:00		38.592									
3/5/14 14:00		38.609									
3/5/14 15:00		38.586									
3/5/14 16:00		38.609									
3/5/14 17:00		38.579									
3/5/14 18:00		38.599									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/5/14 19:00		38.583									
3/5/14 20:00		38.597									
3/5/14 21:00		38.574									
3/5/14 22:00		38.576									
3/5/14 23:00		38.749									
3/6/14 0:00		38.810									
3/6/14 1:00		38.712									
3/6/14 2:00		38.679									
3/6/14 3:00		38.639									
3/6/14 4:00		38.588									
3/6/14 5:00		38.560									
3/6/14 6:00		38.536									
3/6/14 7:00		38.518									
3/6/14 8:00		38.497									
3/6/14 9:00		38.518									
3/6/14 10:00		38.515									
3/6/14 11:00		38.487									
3/6/14 12:00		38.462									
3/6/14 13:00		38.483									
3/6/14 14:00		38.438									
3/6/14 15:00		38.445									
3/6/14 16:00		38.448									
3/6/14 17:00		38.412									
3/6/14 18:00		38.370									
3/6/14 19:00		38.490									
3/6/14 20:00		38.602									
3/6/14 21:00		38.513									
3/6/14 22:00		38.452									
3/6/14 23:00		38.394									
3/7/14 0:00		38.373									
3/7/14 1:00		38.331									
3/7/14 2:00		38.310									
3/7/14 3:00		38.277									
3/7/14 4:00		38.277									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/7/14 5:00		38.282									
3/7/14 6:00		38.258									
3/7/14 7:00		38.256									
3/7/14 8:00		38.256									
3/7/14 9:00		38.272									
3/7/14 10:00		38.328									
3/7/14 11:00		38.380									
3/7/14 12:00		38.359									
3/7/14 13:00		38.408									
3/7/14 14:00		38.389									
3/7/14 15:00		38.385									
3/7/14 16:00		38.377									
3/7/14 17:00		38.403									
3/7/14 18:00		38.408									
3/7/14 19:00		38.455									
3/7/14 20:00		38.464									
3/7/14 21:00		38.628									
3/7/14 22:00		38.702									
3/7/14 23:00		38.679									
3/8/14 0:00		38.672									
3/8/14 1:00		38.653									
3/8/14 2:00		38.649									
3/8/14 3:00		38.642									
3/8/14 4:00		38.620									
3/8/14 5:00		38.616									
3/8/14 6:00		38.613									
3/8/14 7:00		38.623									
3/8/14 8:00		38.637									
3/8/14 9:00		38.681									
3/8/14 10:00		38.712									
3/8/14 11:00		38.777									
3/8/14 12:00		38.759									
3/8/14 13:00		38.730									
3/8/14 14:00		38.796									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/8/14 15:00		38.763									
3/8/14 16:00		38.714									
3/8/14 17:00		38.670									
3/8/14 18:00		38.691									
3/8/14 19:00		38.751									
3/8/14 20:00		38.721									
3/8/14 21:00		38.712									
3/8/14 22:00		38.670									
3/8/14 23:00		38.649									
3/9/14 0:00		38.665									
3/9/14 1:00		38.810									
3/9/14 2:00		38.775									
3/9/14 3:00		38.702									
3/9/14 4:00		38.642									
3/9/14 5:00		38.600									
3/9/14 6:00		38.569									
3/9/14 7:00		38.555									
3/9/14 8:00		38.553									
3/9/14 9:00		38.578									
3/9/14 10:00		38.576									
3/9/14 11:00		38.574									
3/9/14 12:00		38.656									
3/9/14 13:00		38.630									
3/9/14 14:00		38.632									
3/9/14 15:00		38.527									
3/9/14 16:00		38.455									
3/9/14 17:00		38.415									
3/9/14 18:00		38.452									
3/9/14 19:00		38.532									
3/9/14 20:00		38.628									
3/9/14 21:00		38.539									
3/9/14 22:00		38.476									
3/9/14 23:00		38.464									
3/10/14 0:00		38.448									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/10/14 1:00		38.429									
3/10/14 2:00		38.403									
3/10/14 3:00		38.370									
3/10/14 4:00		38.352									
3/10/14 5:00		38.333									
3/10/14 6:00		38.324									
3/10/14 7:00		38.324									
3/10/14 8:00		38.338									
3/10/14 9:00		38.368									
3/10/14 10:00		38.408									
3/10/14 11:00		38.403									
3/10/14 12:00		38.375									
3/10/14 13:00		38.410									
3/10/14 14:00		38.436									
3/10/14 15:00		38.349									
3/10/14 16:00		38.314									
3/10/14 17:00		38.286									
3/10/14 18:00		38.254									
3/10/14 19:00		38.300									
3/10/14 20:00		38.261									
3/10/14 21:00		38.335									
3/10/14 22:00		38.485									
3/10/14 23:00		38.408									
3/11/14 0:00		38.368									
3/11/14 1:00		38.291									
3/11/14 2:00		38.272									
3/11/14 3:00		38.211									
3/11/14 4:00		38.162									
3/11/14 5:00		38.132									
3/11/14 6:00		38.109									
3/11/14 7:00		38.090									
3/11/14 8:00		38.088									
3/11/14 9:00		38.095									
3/11/14 10:00		38.111									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/11/14 11:00		38.130									
3/11/14 12:00		38.162									
3/11/14 13:00		38.193									
3/11/14 14:00		38.223									
3/11/14 15:00		38.254									
3/11/14 16:00		38.450									
3/11/14 17:00		38.513									
3/11/14 18:00		38.480									
3/11/14 19:00		38.539									
3/11/14 20:00		38.590									
3/11/14 21:00		38.609									
3/11/14 22:00		38.625									
3/11/14 23:00		38.670									
3/12/14 0:00		38.707									
3/12/14 1:00		38.719									
3/12/14 2:00		38.698									
3/12/14 3:00		38.705									
3/12/14 4:00		38.688									
3/12/14 5:00		38.684									
3/12/14 6:00		38.679									
3/12/14 7:00		38.679									
3/12/14 8:00		38.686									
3/12/14 9:00		38.705									
3/12/14 10:00		38.700									
3/12/14 11:00		38.712									
3/12/14 12:00		38.716									
3/12/14 13:00		38.679									
3/12/14 14:00		38.653									
3/12/14 15:00		38.677									
3/12/14 16:00		38.646									
3/12/14 17:00		38.628									
3/12/14 18:00		38.588									
3/12/14 19:00		38.628									
3/12/14 20:00		38.586									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/12/14 21:00		38.714									
3/12/14 22:00		38.780									
3/12/14 23:00		38.716									
3/13/14 0:00		38.672									
3/13/14 1:00		38.651									
3/13/14 2:00		38.609									
3/13/14 3:00		38.571									
3/13/14 4:00		38.548									
3/13/14 5:00		38.550									
3/13/14 6:00		38.527									
3/13/14 7:00		38.515									
3/13/14 8:00		38.513									
3/13/14 9:00		38.515									
3/13/14 10:00		38.534									
3/13/14 11:00		38.513									
3/13/14 12:00		38.504									
3/13/14 13:00		38.487									
3/13/14 14:00		38.527									
3/13/14 15:00		38.427									
3/13/14 16:00		38.398									
3/13/14 17:00		38.340									
3/13/14 18:00		38.335									
3/13/14 19:00		38.487									
3/13/14 20:00		38.508									
3/13/14 21:00		38.476									
3/13/14 22:00		38.380									
3/13/14 23:00		38.366									
3/14/14 0:00		38.345									
3/14/14 1:00		38.347									
3/14/14 2:00		38.310									
3/14/14 3:00		38.312									
3/14/14 4:00		38.307									
3/14/14 5:00		38.319									
3/14/14 6:00		38.349									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/14/14 7:00		38.380									
3/14/14 8:00		38.410									
3/14/14 9:00		38.466									
3/14/14 10:00		38.487									
3/14/14 11:00		38.501									
3/14/14 12:00		38.527									
3/14/14 13:00		38.515									
3/14/14 14:00		38.651									
3/14/14 15:00		38.660									
3/14/14 16:00		38.595									
3/14/14 17:00		38.546									
3/14/14 18:00		38.504									
3/14/14 19:00		38.635									
3/14/14 20:00		38.642									
3/14/14 21:00		38.616									
3/14/14 22:00		38.574									
3/14/14 23:00		38.536									
3/15/14 0:00		38.511									
3/15/14 1:00		38.515									
3/15/14 2:00		38.492									
3/15/14 3:00		38.457									
3/15/14 4:00		38.434									
3/15/14 5:00		38.408									
3/15/14 6:00		38.391									
3/15/14 7:00		38.380									
3/15/14 8:00		38.382									
3/15/14 9:00		38.387									
3/15/14 10:00		38.389									
3/15/14 11:00		38.389									
3/15/14 12:00		38.392									
3/15/14 13:00		38.406									
3/15/14 14:00		38.377									
3/15/14 15:00		38.359									
3/15/14 16:00		38.384									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/15/14 17:00		38.356									
3/15/14 18:00		38.368									
3/15/14 19:00		38.546									
3/15/14 20:00		38.642									
3/15/14 21:00		38.613									
3/15/14 22:00		38.630									
3/15/14 23:00		38.670									
3/16/14 0:00		38.663									
3/16/14 1:00		38.663									
3/16/14 2:00		38.681									
3/16/14 3:00		38.681									
3/16/14 4:00		38.674									
3/16/14 5:00		38.667									
3/16/14 6:00		38.672									
3/16/14 7:00		38.674									
3/16/14 8:00		38.714									
3/16/14 9:00		38.716									
3/16/14 10:00		38.770									
3/16/14 11:00		38.763									
3/16/14 12:00		38.747									
3/16/14 13:00		38.758									
3/16/14 14:00		38.709									
3/16/14 15:00		38.663									
3/16/14 16:00		38.637									
3/16/14 17:00		38.735									
3/16/14 18:00		38.822									
3/16/14 19:00		38.716									
3/16/14 20:00		38.709									
3/16/14 21:00		38.665									
3/16/14 22:00		38.611									
3/16/14 23:00		38.571									
3/17/14 0:00		38.558									
3/17/14 1:00		38.536									
3/17/14 2:00		38.504									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/17/14 3:00		38.478									
3/17/14 4:00		38.436									
3/17/14 5:00		38.401									
3/17/14 6:00		38.366									
3/17/14 7:00		38.338									
3/17/14 8:00		38.335									
3/17/14 9:00		38.305									
3/17/14 10:00		38.277									
3/17/14 11:00		38.256									
3/17/14 12:00		38.242									
3/17/14 13:00		38.207									
3/17/14 14:00		38.177									
3/17/14 15:00		38.586									
3/17/14 16:00		38.681									
3/17/14 17:00		38.749									
3/17/14 18:00		38.667									
3/17/14 19:00		38.831									
3/17/14 20:00		38.413									
3/17/14 21:00		38.275									
3/17/14 22:00		38.186									
3/17/14 23:00		38.209									
3/18/14 0:00		38.356									
3/18/14 1:00		38.305									
3/18/14 2:00		38.268									
3/18/14 3:00		38.230									
3/18/14 4:00		38.191									
3/18/14 5:00		38.130									
3/18/14 6:00		38.104									
3/18/14 7:00		38.095									
3/18/14 8:00		38.099									
3/18/14 9:00		38.125									
3/18/14 10:00		38.134									
3/18/14 11:00		38.153									
3/18/14 12:00		38.179									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/18/14 13:00		38.219									
3/18/14 14:00		38.289									
3/18/14 15:00		38.370									
3/18/14 16:00		38.354									
3/18/14 17:00		38.359									
3/18/14 18:00		38.389									
3/18/14 19:00		38.417									
3/18/14 20:00		38.464									
3/18/14 21:00		38.492									
3/18/14 22:00		38.546									
3/18/14 23:00		38.553									
3/19/14 0:00		38.593									
3/19/14 1:00		38.649									
3/19/14 2:00		38.651									
3/19/14 3:00		38.653									
3/19/14 4:00		38.667									
3/19/14 5:00		38.658									
3/19/14 6:00		38.658									
3/19/14 7:00		38.658									
3/19/14 8:00		38.672									
3/19/14 9:00		38.695									
3/19/14 10:00		38.721									
3/19/14 11:00		38.740									
3/19/14 12:00		38.730									
3/19/14 13:00		38.716									
3/19/14 14:00		38.735									
3/19/14 15:00		38.857									
3/19/14 16:00		38.824									
3/19/14 17:00		38.833									
3/19/14 18:00		38.777									
3/19/14 19:00		38.763									
3/19/14 20:00		38.768									
3/19/14 21:00		38.698									
3/19/14 22:00		38.658									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/19/14 23:00		38.660									
3/20/14 0:00		38.635									
3/20/14 1:00		38.625									
3/20/14 2:00		38.602									
3/20/14 3:00		38.581									
3/20/14 4:00		38.560									
3/20/14 5:00		38.543									
3/20/14 6:00		38.527									
3/20/14 7:00		38.511									
3/20/14 8:00		38.494									
3/20/14 9:00		38.499									
3/20/14 10:00		38.487									
3/20/14 11:00		38.478									
3/20/14 12:00		38.469									
3/20/14 13:00		38.471									
3/20/14 14:00		38.576									
3/20/14 15:00		38.693									
3/20/14 16:00		38.625									
3/20/14 17:00		38.557									
3/20/14 18:00		38.515									
3/20/14 19:00		38.553									
3/20/14 20:00		38.532									
3/20/14 21:00		38.483									
3/20/14 22:00		38.448									
3/20/14 23:00		38.422									
3/21/14 0:00		38.403									
3/21/14 1:00		38.389									
3/21/14 2:00		38.384									
3/21/14 3:00		38.359									
3/21/14 4:00		38.363									
3/21/14 5:00		38.335									
3/21/14 6:00		38.331									
3/21/14 7:00		38.345									
3/21/14 8:00		38.370									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/21/14 9:00		38.398									
3/21/14 10:00		38.431									
3/21/14 11:00		38.464									
3/21/14 12:00		38.492									
3/21/14 13:00		38.541									
3/21/14 14:00		38.543									
3/21/14 15:00		38.536									
3/21/14 16:00		38.576									
3/21/14 17:00		38.599									
3/21/14 18:00		38.609									
3/21/14 19:00		38.649									
3/21/14 20:00		38.632									
3/21/14 21:00		38.660									
3/21/14 22:00		38.665									
3/21/14 23:00		38.791									
3/22/14 0:00		38.854									
3/22/14 1:00		38.854									
3/22/14 2:00		38.817									
3/22/14 3:00		38.882									
3/22/14 4:00		38.821									
3/22/14 5:00		38.789									
3/22/14 6:00		38.763									
3/22/14 7:00		38.758									
3/22/14 8:00		38.756									
3/22/14 9:00		38.786									
3/22/14 10:00		38.782									
3/22/14 11:00		38.782									
3/22/14 12:00		38.826									
3/22/14 13:00		38.915									
3/22/14 14:00		38.843									
3/22/14 15:00		38.810									
3/22/14 16:00		38.754									
3/22/14 17:00		38.751									
3/22/14 18:00		38.747									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/22/14 19:00		38.747									
3/22/14 20:00		38.854									
3/22/14 21:00		38.892									
3/22/14 22:00		38.871									
3/22/14 23:00		38.866									
3/23/14 0:00		38.922									
3/23/14 1:00		38.885									
3/23/14 2:00		38.894									
3/23/14 3:00		38.880									
3/23/14 4:00		38.854									
3/23/14 5:00		38.833									
3/23/14 6:00		38.814									
3/23/14 7:00		38.819									
3/23/14 8:00		38.807									
3/23/14 9:00		38.800									
3/23/14 10:00		38.817									
3/23/14 11:00		38.821									
3/23/14 12:00		38.927									
3/23/14 13:00		38.878									
3/23/14 14:00		38.777									
3/23/14 15:00		38.714									
3/23/14 16:00		38.674									
3/23/14 17:00		38.667									
3/23/14 18:00		38.749									
3/23/14 19:00		38.924									
3/23/14 20:00		38.964									
3/23/14 21:00		38.854									
3/23/14 22:00		38.714									
3/23/14 23:00		38.672									
3/24/14 0:00		38.611									
3/24/14 1:00		38.597									
3/24/14 2:00		38.569									
3/24/14 3:00		38.578									
3/24/14 4:00		38.541									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/24/14 5:00		38.532									
3/24/14 6:00		38.525									
3/24/14 7:00		38.522									
3/24/14 8:00		38.520									
3/24/14 9:00		38.560									
3/24/14 10:00		38.557									
3/24/14 11:00		38.564									
3/24/14 12:00		38.592									
3/24/14 13:00		38.600									
3/24/14 14:00		38.602									
3/24/14 15:00		38.592									
3/24/14 16:00		38.576									
3/24/14 17:00		38.630									
3/24/14 18:00		38.623									
3/24/14 19:00		38.632									
3/24/14 20:00		38.693									
3/24/14 21:00		38.709									
3/24/14 22:00		38.658									
3/24/14 23:00		38.670									
3/25/14 0:00		38.667									
3/25/14 1:00		38.635									
3/25/14 2:00		38.658									
3/25/14 3:00		38.674									
3/25/14 4:00		38.684									
3/25/14 5:00		38.679									
3/25/14 6:00		38.677									
3/25/14 7:00		38.684									
3/25/14 8:00		38.723									
3/25/14 9:00		38.747									
3/25/14 10:00		38.733									
3/25/14 11:00		38.756									
3/25/14 12:00		38.742									
3/25/14 13:00		38.719									
3/25/14 14:00		38.698									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/25/14 15:00		38.712									
3/25/14 16:00		38.730									
3/25/14 17:00		38.632									
3/25/14 18:00		38.649									
3/25/14 19:00		38.670									
3/25/14 20:00		38.637									
3/25/14 21:00		38.597									
3/25/14 22:00		38.543									
3/25/14 23:00		38.504									
3/26/14 0:00		38.501									
3/26/14 1:00		38.469									
3/26/14 2:00		38.473									
3/26/14 3:00		38.424									
3/26/14 4:00		38.389									
3/26/14 5:00		38.370									
3/26/14 6:00		38.342									
3/26/14 7:00		38.335									
3/26/14 8:00		38.335									
3/26/14 9:00		38.314									
3/26/14 10:00		38.300									
3/26/14 11:00		38.275									
3/26/14 12:00		38.256									
3/26/14 13:00		38.242									
3/26/14 14:00		38.277									
3/26/14 15:00		38.282									
3/26/14 16:00		38.256									
3/26/14 17:00		38.258									
3/26/14 18:00		38.261									
3/26/14 19:00		38.261									
3/26/14 20:00		38.230									
3/26/14 21:00		38.289									
3/26/14 22:00		38.321									
3/26/14 23:00		38.251									
3/27/14 0:00		38.237									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/27/14 1:00		38.183									
3/27/14 2:00		38.165									
3/27/14 3:00		38.092									
3/27/14 4:00		38.053									
3/27/14 5:00		38.032									
3/27/14 6:00		38.017									
3/27/14 7:00		38.032									
3/27/14 8:00		38.034									
3/27/14 9:00		38.062									
3/27/14 10:00		38.076									
3/27/14 11:00		38.102									
3/27/14 12:00		38.141									
3/27/14 13:00		38.176									
3/27/14 14:00		38.240									
3/27/14 15:00		38.305									
3/27/14 16:00		38.359									
3/27/14 17:00		38.380									
3/27/14 18:00		38.429									
3/27/14 19:00		38.471									
3/27/14 20:00		38.464									
3/27/14 21:00		38.536									
3/27/14 22:00		38.541									
3/27/14 23:00		38.560									
3/28/14 0:00		38.567									
3/28/14 1:00		38.558									
3/28/14 2:00		38.541									
3/28/14 3:00		38.558									
3/28/14 4:00		38.543									
3/28/14 5:00		38.553									
3/28/14 6:00		38.546									
3/28/14 7:00		38.555									
3/28/14 8:00		38.597									
3/28/14 9:00		38.630									
3/28/14 10:00		38.637									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/28/14 11:00		38.665									
3/28/14 12:00		38.667									
3/28/14 13:00		38.646									
3/28/14 14:00		38.630									
3/28/14 15:00		38.620									
3/28/14 16:00		38.590									
3/28/14 17:00		38.604									
3/28/14 18:00		38.618									
3/28/14 19:00		38.625									
3/28/14 20:00		38.642									
3/28/14 21:00		38.660									
3/28/14 22:00		38.642									
3/28/14 23:00		38.642									
3/29/14 0:00		38.663									
3/29/14 1:00		38.686									
3/29/14 2:00		38.686									
3/29/14 3:00		38.688									
3/29/14 4:00		38.686									
3/29/14 5:00		38.681									
3/29/14 6:00		38.686									
3/29/14 7:00		38.702									
3/29/14 8:00		38.712									
3/29/14 9:00		38.742									
3/29/14 10:00		38.763									
3/29/14 11:00		38.800									
3/29/14 12:00		38.791									
3/29/14 13:00		38.740									
3/29/14 14:00		38.702									
3/29/14 15:00		38.702									
3/29/14 16:00		38.681									
3/29/14 17:00		38.642									
3/29/14 18:00		38.576									
3/29/14 19:00		38.539									
3/29/14 20:00		38.585									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/29/14 21:00		38.576									
3/29/14 22:00		38.576									
3/29/14 23:00		38.536									
3/30/14 0:00		38.518									
3/30/14 1:00		38.513									
3/30/14 2:00		38.508									
3/30/14 3:00		38.471									
3/30/14 4:00		38.445									
3/30/14 5:00		38.419									
3/30/14 6:00		38.396									
3/30/14 7:00		38.387									
3/30/14 8:00		38.384									
3/30/14 9:00		38.382									
3/30/14 10:00		38.429									
3/30/14 11:00		38.389									
3/30/14 12:00		38.396									
3/30/14 13:00		38.380									
3/30/14 14:00		38.342									
3/30/14 15:00		38.387									
3/30/14 16:00		38.391									
3/30/14 17:00		38.331									
3/30/14 18:00		38.377									
3/30/14 19:00		38.485									
3/30/14 20:00		38.370									
3/30/14 21:00		38.494									
3/30/14 22:00		38.434									
3/30/14 23:00		38.387									
3/31/14 0:00		38.324									
3/31/14 1:00		38.277									
3/31/14 2:00		38.244									
3/31/14 3:00		38.221									
3/31/14 4:00		38.188									
3/31/14 5:00		38.176									
3/31/14 6:00		38.179									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
3/31/14 7:00		38.197									
3/31/14 8:00		38.221									
3/31/14 9:00		38.249									
3/31/14 10:00		38.284									
3/31/14 11:00		38.373									
3/31/14 12:00		38.366									
3/31/14 13:00		38.431									
3/31/14 14:00		38.462									
3/31/14 15:00		38.455									
3/31/14 16:00		38.448									
3/31/14 17:00		38.457									
3/31/14 18:00		38.506									
3/31/14 19:00		38.525									
3/31/14 20:00		38.569									
3/31/14 21:00		38.674									
3/31/14 22:00		38.733									
3/31/14 23:00		38.707									
4/1/14 0:00		38.700									
4/1/14 1:00		38.716									
4/1/14 2:00		38.702									
4/1/14 3:00		38.672									
4/1/14 4:00		38.656									
4/1/14 5:00		38.656									
4/1/14 6:00		38.639									
4/1/14 7:00		38.630									
4/1/14 8:00		38.644									
4/1/14 9:00		38.656									
4/1/14 10:00		38.653									
4/1/14 11:00		38.665									
4/1/14 12:00		38.639									
4/1/14 13:00		38.644									
4/1/14 14:00		38.688									
4/1/14 15:00		38.716									
4/1/14 16:00		38.637									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/1/14 17:00		38.557									
4/1/14 18:00		38.553									
4/1/14 19:00		38.574									
4/1/14 20:00		38.539									
4/1/14 21:00		38.515									
4/1/14 22:00		38.508									
4/1/14 23:00		38.511									
4/2/14 0:00		38.499									
4/2/14 1:00		38.527									
4/2/14 2:00		38.501									
4/2/14 3:00		38.490									
4/2/14 4:00		38.464									
4/2/14 5:00		38.448									
4/2/14 6:00		38.431									
4/2/14 7:00		38.427									
4/2/14 8:00		38.424									
4/2/14 9:00		38.438									
4/2/14 10:00		38.455									
4/2/14 11:00		38.459									
4/2/14 12:00		38.466									
4/2/14 13:00		38.417									
4/2/14 14:00		38.405									
4/2/14 15:00		38.431									
4/2/14 16:00		38.438									
4/2/14 17:00		38.422									
4/2/14 18:00		38.441									
4/2/14 19:00		38.429									
4/2/14 20:00		38.403									
4/2/14 21:00		38.394									
4/2/14 22:00		38.373									
4/2/14 23:00		38.359									
4/3/14 0:00		38.370									
4/3/14 1:00		38.375									
4/3/14 2:00		38.373									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/3/14 3:00		38.361									
4/3/14 4:00		38.347									
4/3/14 5:00		38.345									
4/3/14 6:00		38.338									
4/3/14 7:00		38.321									
4/3/14 8:00		38.345									
4/3/14 9:00		38.356									
4/3/14 10:00		38.380									
4/3/14 11:00		38.394									
4/3/14 12:00		38.387									
4/3/14 13:00		38.387									
4/3/14 14:00		38.469									
4/3/14 15:00		38.445									
4/3/14 16:00		38.431									
4/3/14 17:00		38.462									
4/3/14 18:00		38.476									
4/3/14 19:00		38.487									
4/3/14 20:00		38.527									
4/3/14 21:00		38.536									
4/3/14 22:00		38.609									
4/3/14 23:00		38.607									
4/4/14 0:00		38.604									
4/4/14 1:00		38.611									
4/4/14 2:00		38.618									
4/4/14 3:00		38.578									
4/4/14 4:00		38.546									
4/4/14 5:00		38.527									
4/4/14 6:00		38.515									
4/4/14 7:00		38.504									
4/4/14 8:00		38.480									
4/4/14 9:00		38.487									
4/4/14 10:00		38.555									
4/4/14 11:00		38.592									
4/4/14 12:00		38.644									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/4/14 13:00		38.733									
4/4/14 14:00		38.850									
4/4/14 15:00		38.969									
4/4/14 16:00		38.978									
4/4/14 17:00		38.817									
4/4/14 18:00		38.784									
4/4/14 19:00		38.721									
4/4/14 20:00		38.667									
4/4/14 21:00		38.644									
4/4/14 22:00		38.567									
4/4/14 23:00		38.532									
4/5/14 0:00		38.518									
4/5/14 1:00		38.513									
4/5/14 2:00		38.497									
4/5/14 3:00		38.497									
4/5/14 4:00		38.497									
4/5/14 5:00		38.494									
4/5/14 6:00		38.494									
4/5/14 7:00		38.480									
4/5/14 8:00		38.480									
4/5/14 9:00		38.490									
4/5/14 10:00		38.548									
4/5/14 11:00		38.602									
4/5/14 12:00		38.677									
4/5/14 13:00		39.100									
4/5/14 14:00		39.303									
4/5/14 15:00		39.483									
4/5/14 16:00		39.593									
4/5/14 17:00		39.179									
4/5/14 18:00		38.976									
4/5/14 19:00		38.847									
4/5/14 20:00		38.763									
4/5/14 21:00		38.651									
4/5/14 22:00		38.569									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/5/14 23:00		38.511									
4/6/14 0:00		38.499									
4/6/14 1:00		38.485									
4/6/14 2:00		38.487									
4/6/14 3:00		38.497									
4/6/14 4:00		38.494									
4/6/14 5:00		38.469									
4/6/14 6:00		38.450									
4/6/14 7:00		38.471									
4/6/14 8:00		38.448									
4/6/14 9:00		38.450									
4/6/14 10:00		38.476									
4/6/14 11:00		38.513									
4/6/14 12:00		38.560									
4/6/14 13:00		38.613									
4/6/14 14:00		38.602									
4/6/14 15:00		38.649									
4/6/14 16:00		38.606									
4/6/14 17:00		38.665									
4/6/14 18:00		38.658									
4/6/14 19:00		38.688									
4/6/14 20:00		38.644									
4/6/14 21:00		38.581									
4/6/14 22:00		38.471									
4/6/14 23:00		38.429									
4/7/14 0:00		38.412									
4/7/14 1:00		38.410									
4/7/14 2:00		38.382									
4/7/14 3:00		38.382									
4/7/14 4:00		38.361									
4/7/14 5:00		38.382									
4/7/14 6:00		38.357									
4/7/14 7:00		38.333									
4/7/14 8:00		38.349									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/7/14 9:00		38.375									
4/7/14 10:00		38.735									
4/7/14 11:00		38.903									
4/7/14 12:00		38.742									
4/7/14 13:00		38.747									
4/7/14 14:00		38.681									
4/7/14 15:00		38.609									
4/7/14 16:00		38.609									
4/7/14 17:00		38.592									
4/7/14 18:00		38.599									
4/7/14 19:00		38.595									
4/7/14 20:00		38.649									
4/7/14 21:00		38.642									
4/7/14 22:00		38.630									
4/7/14 23:00		38.630									
4/8/14 0:00		38.663									
4/8/14 1:00		38.637									
4/8/14 2:00		38.637									
4/8/14 3:00		38.625									
4/8/14 4:00		38.632									
4/8/14 5:00		38.623									
4/8/14 6:00		38.625									
4/8/14 7:00		38.630									
4/8/14 8:00		38.653									
4/8/14 9:00		38.677									
4/8/14 10:00		38.667									
4/8/14 11:00		38.679									
4/8/14 12:00		38.672									
4/8/14 13:00		38.684									
4/8/14 14:00		38.721									
4/8/14 15:00		39.233									
4/8/14 16:00		39.315									
4/8/14 17:00		39.004									
4/8/14 18:00		39.130									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/8/14 19:00		38.756									
4/8/14 20:00		38.836									
4/8/14 21:00		38.824									
4/8/14 22:00		38.800									
4/8/14 23:00		38.765									
4/9/14 0:00		38.695									
4/9/14 1:00		38.660									
4/9/14 2:00		38.646									
4/9/14 3:00		38.630									
4/9/14 4:00		38.625									
4/9/14 5:00		38.599									
4/9/14 6:00		38.581									
4/9/14 7:00		38.567									
4/9/14 8:00		38.569									
4/9/14 9:00		38.550									
4/9/14 10:00		38.529									
4/9/14 11:00		38.508									
4/9/14 12:00		38.522									
4/9/14 13:00		38.555									
4/9/14 14:00		38.504									
4/9/14 15:00		38.469									
4/9/14 16:00		38.443									
4/9/14 17:00		38.448									
4/9/14 18:00		38.401									
4/9/14 19:00		38.422									
4/9/14 20:00		38.438									
4/9/14 21:00		38.441									
4/9/14 22:00		38.394									
4/9/14 23:00		38.375									
4/10/14 0:00		38.373									
4/10/14 1:00		38.356									
4/10/14 2:00		38.342									
4/10/14 3:00		38.340									
4/10/14 4:00		38.328									

TABLE S1.1 Automatically recorded groundwater level data, July 25, 2012, to April 10, 2014.

	Water Level (ft BGL)				Water Level (ft BGL)						
Date and Time	MW07D	MW07M	MW12	Date and Time	MW04	MW06P	MW06S	MW07S	MW11	MW13	Wolt N
4/10/14 5:00		38.349									
4/10/14 6:00		38.382									
4/10/14 7:00		38.422									
4/10/14 8:00		38.452									
4/10/14 9:00		38.485									
4/10/14 10:00		38.515									
4/10/14 11:00		38.562									
4/10/14 12:00		38.786									

Supplement 3:

Quality Control for Sample Collection, Handling, and Analysis

Supplement 3:

Quality Control for Sample Collection, Handling, and Analysis

This supplement documents the quality of the analytical data generated during the 2012 investigation at Sylvan Grove. The QA/QC procedures for sample collection, handling, and analysis are described in detail in the *Master Work Plan* (Argonne 2002). The analytical results for quality control samples (replicates, duplicates, and verification samples) confirmed that the data generated during the investigation reliably and accurately characterized the environmental conditions at the site. Field replicate samples verified the reproducibility of the sampling methodology, laboratory duplicate samples verified the reproducibility of the analytical results obtained at the AGEM Laboratory, and verification samples verified the accuracy of the analytical data. The QA/QC program described in the *Master Work Plan* (Argonne 2002) is based on EPA (2008) guidelines.

S3.1 Activities to Monitor Sampling Collection, Handling, and Analysis

Sample collection and handling activities were monitored by the documentation of samples as they were collected and the use of chain-of-custody (COC) forms and custody seals to ensure sample integrity during handling and shipment. Field blanks, equipment rinsates, and trip blanks were collected to monitor sample collection and handling. The QA/QC samples are listed in Table S3.1. Analytical results for carbon tetrachloride and chloroform in QA/QC samples collected to monitor sample collection and handling activities are in Table S3.2.

S3.1.1 Field Blanks

To verify that the contamination detected did not derive from water used for equipment decontamination, three field blanks were collected of waters used during the sampling activities (Table S3.1). Neither carbon tetrachloride nor chloroform was detected in the field blanks (Table S3.2).

S3.1.2 Equipment Rinsates

To verify that equipment decontamination procedures were adequate during the field efforts, two equipment rinsates were collected (Table S3.1). Neither carbon tetrachloride nor chloroform was detected in the rinsate samples (Table S3.2).

S3.1.3 Trip Blanks

As an indicator of potential cross-contamination of samples during shipment, 17 trip blanks were prepared and included in shipments of soil or water samples to laboratories for organic analysis. Included in this total were 8 water trip blanks and 6 soil trip blanks sent to the AGEM Laboratory and 2 water trip blanks (identified as verification samples in Table S3.1) and 1 soil (methanol) trip blank sent to TestAmerica. Neither carbon tetrachloride nor chloroform was detected in the soil or water trip blanks sent to the AGEM Laboratory (Table S3.2); however, methylene chloride was detected at trace concentrations in the soil (methanol) trip blank sent to TestAmerica, while carbon tetrachloride and methylene chloride were detected in both water trip blanks sent to TestAmerica (Section S3.3). Given that neither contaminant was detected in the trip blanks sent to the AGEM Laboratory, these trace detections are consistent with contamination derived from use of these chemicals for routine purposes in the laboratory setting at TestAmerica. The trace detections in the water trip blanks to TestAmerica are marked with the B qualifier, indicating that the contaminants were detected in an associated laboratory blank. Overall, the analytical results indicate that sample handling procedures were followed during the investigation and that cross-contamination of samples did not occur during shipment.

S3.1.4 Replicate Samples, Duplicate Analyses, and Verification Analysis

As an indicator of the consistency of the sampling methodology followed and to provide a measure of analytical precision, replicate soil and groundwater samples were collected, and samples were also selected by the AGEM Laboratory for duplicate organic analysis. In addition, selected soil and groundwater samples were submitted for verification organic analysis at a secondary laboratory. Replicate samples, samples selected for duplicate analysis, and samples selected for verification organic analysis are listed in Table S3.1. Results for replicate samples and duplicate analyses are discussed in Section S3.2, and results for verification samples are discussed in Section S3.3.

S3.2 Quality Control for Organic Analysis of Soil and Water Samples at the AGEM Laboratory

Soil samples collected during the investigation were quick-frozen on dry ice as they were collected and were shipped to the AGEM Laboratory for VOCs analysis by two analytical methods: (1) the headspace method to provide a rapid-turnaround qualitative measure of contaminant distribution for evaluation in the field and (2) the purge-and-trap method to provide a quantitative measure of contaminant distribution.

The soil samples were first analyzed at the AGEM Laboratory (on a rapid-turnaround basis) by using a modification of the protocol in EPA Method 5021 (headspace analysis on a GC with electron capture detection). An 11-point calibration of the system was established on the basis of the mass of known quantities of carbon tetrachloride and chloroform ranging from 0.125 to 4.0 nanograms. Typical method detection limits achieved were 0.1 μg/kg for carbon tetrachloride and 0.75 μg/kg for chloroform. The analytical data obtained with this method are acceptable for qualitative determination of contaminant distribution. The data were evaluated to select locations for deeper soil boring and sampling.

Aliquots of soil samples were subsequently analyzed for carbon tetrachloride, chloroform, and methylene chloride (contaminants of concern in the investigation) by a modification of EPA Method 8260B (purge-and-trap method), as referenced in the EPA's SW-846 (EPA 1998). At the laboratory, the VOCs in each soil sample were extracted with methanol from the sample matrix. For the purge-and-trap soil analyses, an aliquot of the methanol extract was purged, and the volatile species were transferred to a sorbent tube. After purging, the sorbent tube was heated and backflushed with an inert gas to desorb the components into the GC-MS system.

Groundwater samples (and associated QC samples) were sent to the AGEM Laboratory for VOCs analysis by modified EPA Method 524.2 (EPA 1995). For the purge-and-trap analyses on a GC-MS system, the VOCs present in each groundwater sample were extracted (purged) from the sample matrix by bubbling an inert gas through the sample. The purged components were trapped in a sorbent tube, and the sorbent tube was heated and backflushed with an inert gas to desorb the components into the GC-MS system.

In total, 80 soil samples were analyzed for VOCs, including 2 replicate soil samples. A total of 51 groundwater samples were collected for VOCs analysis, including 4 replicate samples.

For both the soil and water analyses, the compounds eluting from the GC column were identified by retention time and by comparison with reference library spectra. The concentration of each component was calculated by comparison of the MS response for the quantitation ion to corresponding calibration curves, the response for internal standards, or both. The internal standard recovery limits were 80-120%. Calibration checks with each sample delivery group (SDG) were required to be within ± 20% of the standard.

Every analytical laboratory statistically defines analyte-specific instrument detection limits and method detection limits. The instrument detection limit is less than the method detection limit. An instrument detection limit is the analyte concentration required to produce a signal three times the signal-to-noise ratio. Noise — a measure of the fluctuation in background signal that occurs even in the absence of an analyte — is dependent on instrument and laboratory conditions. The noise value is calculated from the standard deviation of a certain number of measurements of the background signal. The instrument detection limit is specific to each instrument and can vary by a small degree with each sample and analysis performed on that instrument.

A method detection limit is defined as “the minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero” (EPA 1997). The method detection limit is defined after the analyte in the sample has been extracted, isolated, and analyzed, thus taking into account matrix effects due to analysis of a less-than-pure analyte. Given matrix effects and unavoidable analyte loss through all steps of the analytical procedure, the method detection limit can be 2 to 100 times higher than the instrument detection limit. For the AGEM Laboratory, the method detection limit is typically approximately 10 times the instrument detection limit.

A concentration in a sample below the method detection limit that does not produce a signal distinguishable from background noise is reported as non-detectable, with notation ND. For carbon tetrachloride and chloroform analyses at the AGEM Laboratory by the analytical methods specified, such concentrations are < 1 µg/L in groundwater or < 10 µg/kg in soil.

A concentration in a sample above the instrument detection limit and below the method detection limit that produces a signal distinguishable from background noise is marked with a J qualifier. These results are associated with a relatively high degree of uncertainty, because they are below the 99% confidence level specified by the method detection limit. Because results with a J qualifier are below the method detection limit, they can also be reported with the notation ND.

Samples submitted to the AGEM Laboratory for organic analysis by the purge-and-trap method were analyzed in 16 SDGs, as shown in Table S3.3. The QA/QC procedures followed included analysis of instrument calibration check standards, analysis of laboratory blanks, monitoring of surrogate spike recovery, and duplicate laboratory analyses. Significant results include the following:

- Samples shipped to the AGEM Laboratory were received with custody seals intact and at the appropriate temperature. Samples were analyzed within required holding times.

- Carbon tetrachloride and chloroform were not detected in laboratory method blanks analyzed with the samples.

- For each SDG, analytical instrument calibration was monitored by the analysis of calibration check standards. Table S3.3 shows the relative percent difference (RPD) between the known and calculated concentrations of the standards. The concentrations of calibration check standards measured in all SDGs were within the acceptable range of ± 20%.

- Surrogate standard determinations were performed on samples and blanks by using surrogate spike compounds fluorobenzene, dichlorobenzene-d_4, and bromofluorobenzene. Table S3.3 shows the percent recovery of these system-monitoring compounds for each of the analyses. The surrogate recoveries were within the specified range of 80-120% for all but two samples in either the initial analysis or a successful reanalysis. For sample SYSB07-W-33839, surrogate recoveries did not successfully meet the required limits because of sample interference during both the initial and repeated analyses. For sample

SYSB02-S-33798, reanalysis was not performed after the surrogate recovery was not met during the initial analysis.

- Secondary QC analyses of soil and groundwater samples with the purge-and-trap method were conducted at the AGEM Laboratory throughout the investigation as a measure of the consistency in the sampling and analytical methodologies. This was accomplished through the analysis of replicate samples (2 soil and 4 groundwater) submitted to the laboratory or duplicate analysis of samples (6 soil and 7 groundwater) selected by the laboratory. Table S3.4 summarizes the analytical results for carbon tetrachloride and chloroform in the primary samples and their associated replicate or duplicate analyses. Consistency in both the sampling and analytical methodologies is indicated by the average RPD values of 4% for carbon tetrachloride and 13% for chloroform in dual analyses with the contaminants present above the method detection limit (< 10 µg/kg for soil or < 1 µg/L for water). The quality control range for RPD between dual analyses is ± 20%.

The analytical data from the AGEM Laboratory are acceptable for quantitative determination of contaminant distribution.

S3.3 Quality Control for Verification Organic Analysis of Soil and Groundwater Samples by TestAmerica

In accordance with the QA/QC procedures defined in the *Master Work Plan* (Argonne 2002), selected soil and groundwater samples analyzed at the AGEM Laboratory were subjected to verification analysis at a second laboratory with EPA Contract Laboratory Program methodology. Seven of the 80 vertical-profile soil samples (9% of the soil samples) and 7 of the 51 groundwater samples (14% of the groundwater samples) analyzed at the AGEM Laboratory were also analyzed at TestAmerica. Table S3.5 compares the results from the two laboratories for the soil and groundwater samples submitted for verification organic analysis. These analytical results are in data packages 200-11730, 200-11830, and 200-11842 from TestAmerica, provided as Supplement 1 (on CD).

The QA/QC procedures followed at TestAmerica included initial and continuing calibration of instruments, analysis of laboratory blanks, monitoring of surrogate spike recovery, and analyses of laboratory control samples. Significant results include the following:

- Soil and groundwater samples shipped to TestAmerica were received with custody seals intact and at the appropriate preservation conditions. All samples were analyzed within required holding times.

- Analytical instruments were properly tuned; initial and continuing calibration checks remained within the allowable range. Surrogate standard determinations were within allowable limits.

- None of the contaminants of interest was detected in the blanks analyzed with the soil samples. Chloroform was not detected in the blanks analyzed with the groundwater samples. However, carbon tetrachloride and methylene chloride were detected in the laboratory blanks analyzed with the groundwater samples in data packages 200-11730 and 200-11830, respectively. Therefore, the groundwater verification sample results for carbon tetrachloride and methylene chloride are marked with the B qualifier.

The sample identifier on the chain-of-custody form sent to TestAmerica for sample SYSB07-W-33832 contained a typographical error incorrectly designating this sample as “SYSB07-W-33882.” For this sample, the carbon tetrachloride result from TestAmerica was lower than that from the AGEM Laboratory, while the chloroform was higher. For all other verification samples, agreement between the two laboratories is good over the range of contaminant concentrations detected. The concentrations detected in analyses of soil and groundwater samples at the AGEM Laboratory are supported by the verification analyses at TestAmerica.

TABLE S3.1 Quality control samples collected during the 2012 investigation.

Sample Date	Location	Sample	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
Field blanks								
7/11/12	QC	SYTANK1-W-33864	FB	–	WQC	6704	7/11/12	Field blank.
7/11/12	QC	SYTANK2-W-33865	FB	–	WQC	6704	7/11/12	Field blank.
7/11/12	QC	SYTRUCK-W-33863	FB	–	WQC	6704	7/11/12	Field blank.
				–				
Equipment rinsates								
7/14/12	QC	SYQCIR-W-33938	RI	–	WQC	6726	7/14/12	Rinsate.
7/14/12	QC	SYQCIR-W-33939	RI	–	WQC	6726	7/14/12	Rinsate.
Trip blanks								
6/8/12	QC	SYQCTB-W-33784	TB	–	WQC	6690	6/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on chain-of-custody form (COC) 6690.
7/10/12	QC	SYQCTB-S-33830	TB	–	SOIL	2917	7/10/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COCs 2916 and 2917.
7/10/12	QC	SYQAQC1-W-33808	TB	–	WQC	2918	7/10/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 2918.
7/11/12	QC	SYQCQA-W-33870	TB	–	WQC	6704	7/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6704.
7/11/12	QC	SYQCTB-S-33882	TB	–	SOIL	6703	7/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6703.
7/11/12	QC	SYQCTB-S-33883	TB	–	SOIL	6722	7/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6722.

TABLE S3.1 (Cont.)

Sample Date	Location	Sample	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
Trip blanks (cont.)								
7/11/12	QC	SYQCTB-S-33881	TB	–	SOIL	6702	7/11/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6702.
7/11/12	QC	SYQCTB-S-33906	TB	–	SOIL	6733	7/12/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6733.
7/12/12	QC	SYQCQA-W-33913	TB	–	WQC	6724	7/12/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6724.
7/13/12	QC	SYQCQA-W-33930	TB	–	WQC	6732	7/13/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6732.
7/14/12	QC	SYQCTB-S-33941	TB	–	SOIL	6731	7/16/12	Trip blank sent to the AGEM Laboratory for organic analysis with soil samples listed on COC 6731.
7/14/12	QC	SYQCQA-W-33940	TB	–	WQC	6726	7/14/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6726.
7/18/12	QC	SYMEOHBLANK-18JUL12	TB	–	MEOH	4909	7/18/12	Verification sample sent to TestAmerica.
7/18/12	QC	SYQCQA-W-33952	TB	–	WQC	6727	7/18/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6727.
7/26/12	QC	SYQCTB-W-33955	TB	–	WQC	6737	7/26/12	Trip blank sent to the AGEM Laboratory for organic analysis with water samples listed on COC 6737.

TABLE S3.1 (Cont.)

Sample Date	Location	Sample	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
Replicate soil and groundwater samples								
6/7/12	KINGERY	SYKINGERYDUP-W-33774	DUP-F	–	WG	6690	6/11/12	Replicate of sample SYKINGERY-W-33773.
6/7/12	WOLTING-SOUTH	SYWOLTINGDUP-W-33772	DUP-F	–	WG	6690	6/11/12	Replicate of sample SYWOLTING-W-33771.
7/10/12	SB01	SYSB01SDUP-S-33792	DUP-F	23	SOIL	2916	7/10/12	Replicate of sample SYSB01-S-33791.
7/10/12	SB03	SYSB03DUP-W-33797	DUP-F	34-37	WG	2918	7/10/12	Replicate of sample SYSB03-W-33796.
7/11/12	SB06	SYSB06DUP-S-33858	DUP-F	26	SOIL	6722	7/11/12	Replicate of sample SYSB06-S-33857.
7/11/12	SB07	SYSB07DUP-W-33833	DUP-F	35-40	WG	6724	7/12/12	Replicate of sample SYSB07-W-33832.
Samples selected by the AGEM Laboratory for duplicate organic analysis								
6/8/12	PWS5	SYPWS5-W-33781DUP	DUP-L	–	WG	6690	6/11/12	Duplicate analysis of sample SYPWS5-W-33781.
7/10/12	SB02	SYSB02-S-33803DUP	DUP-L	22	SOIL	2916	7/10/12	Duplicate analysis of sample SYSB02-S-33803.
7/10/12	SB04	SYSB04-S-33828DUP	DUP-L	34	SOIL	6702	7/11/12	Duplicate analysis of sample SYSB04-S-33828.
7/11/12	SB04	SYSB04-S-33794DUP	DUP-L	45	SOIL	6702	7/11/12	Duplicate analysis of sample SYSB04-S-33794.
7/11/12	SB05	SYSB05-W-33809DUP	DUP-L	39-43	WG	6704	7/11/12	Duplicate analysis of sample SYSB05-W-33809.
7/11/12	SB07	SYSB07-S-33879DUP	DUP-L	34	SOIL	6733	7/12/12	Duplicate analysis of sample SYSB07-S-33879.
7/12/12	SB06	SYSB06-W-33912DUP	DUP-L	19.5-29.5	WG	6724	7/12/12	Duplicate analysis of sample SYSB06-W-33912.
7/13/12	SB10[c]	SYSB06-S-33916DUP	DUP-L	42	SOIL	6731	7/16/12	Duplicate analysis of sample SYSB06-S-33916.
7/13/12	SB10[c]	SYSB06-S-33918DUP	DUP-L	50	SOIL	6731	7/16/12	Duplicate analysis of sample SYSB06-S-33918.
7/14/12	SB11	SYSB11-W-33937DUP	DUP-L	35-45	WG	6726	7/14/12	Duplicate analysis of sample SYSB11-W-33937.

TABLE S3.1 (Cont.)

Sample Date	Location	Sample	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
Samples selected by the AGEM Laboratory for duplicate organic analysis (cont.)								
7/14/12	SB10	SYSB10-W-33936DUP	DUP-L	42.5-52.5	WG	6726	7/14/12	Duplicate analysis of sample SYSB10-W-33936.
7/18/12	MW12	SYMW12-W-33950DUP	DUP-L	45-55	WG	6727	7/18/12	Duplicate analysis of sample SYMW12-W-33950.
7/26/12	QC	SYWNORTH-W-33953DUP	DUP-L	–	WG	6737	7/26/12	Duplicate analysis of sample SYWNORTH-W-33953.
Samples submitted for verification organic analysis at TestAmerica								
7/10/12	SB01	SYSB01-S-33786VER	VER	6	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/10/12	SB02	SYSB02-S-33804VER	VER	20	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/10/12	SB03	SYSB03DUP-W-33797VER	VER	34-37	WG	6723	7/12/12	Verification sample sent to TestAmerica.
7/10/12	SB04	SYSB04-S-33820VER	VER	2	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB05	SYSB05-S-33850VER	VER	38	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB06	SYSB06-S-33854VER	VER	14	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB06	SYSB06-S-33859VER	VER	28	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB07	SYSB07-S-33880VER	VER	38	SOIL	4909	7/18/12	Verification sample sent to TestAmerica.
7/11/12	SB07	SYSB07-W-33832VER	VER	35-40	WG	6723	7/12/12	Verification sample sent to TestAmerica. Sample identifier on COC to TestAmerica contains typographical error: "33882" should be "33832."
7/12/12	QC	SYQCQA-W-33913VER	VER	–	WQC	6723	7/12/12	Verification sample sent to TestAmerica.
7/12/12	SB04	SYSB04-W-33910VER	VER	38-43	WG	6723	7/12/12	Verification sample sent to TestAmerica.

TABLE S3.1 (Cont.)

Sample Date	Location	Sample	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Chain of Custody	Shipping Date	Sample Description
Samples submitted for verification organic analysis at TestAmerica (cont.)								
7/13/12	SB11	SYSB11-W-33928	VER	32-40	WG	6730	7/18/12	Verification sample sent to TestAmerica. Time and depth of sample confirmed on COC 6732.
7/14/12	SB12	SYSB12-W-33931VER	VER	45-46.5	WG	6730	7/18/12	Verification sample sent to TestAmerica.
7/18/12	MW11	SYMW11-W-33949VER	VER	35-45	WG	6730	7/18/12	Verification sample sent to TestAmerica.
7/18/12	MW12	SYMW12-W-33950VER	VER	45-55	WG	6730	7/18/12	Verification sample sent to TestAmerica.
7/18/12	QC	SYQCQA-W-33952VER	VER	–	WQC	6730	7/18/12	Verification sample sent to TestAmerica.
Investigation-derived waste soil and water samples								
7/26/12	QC	SYIDW1-S-33956	WASTE	-	SOIL	Pace-26Jul12	7/26/12	Composite soil sample of monitoring well cuttings from drill rig, stored on-site in a 55-gal drum.
7/26/12	QC	SYIDW2-S-33957	WASTE	–	SOIL	Pace-26Jul12	7/26/12	Composite soil sample of monitoring well cuttings from drill rig, stored on-site in a 55-gal drum.
7/26/12	QC	SYQIDW-W-33954	WASTE	–	WG	6737	7/26/12	Composite sample of wastewater from monitoring well development.
7/26/12	QC	SYWNORTH-W-33953	WASTE	–	WG	6737	7/26/12	Wolting well northeast of house, in pasture. Depth to water = 36.65 ft BGL. Depth of well = 66.5 ft BGL. Sample collected after purging of 225 gal.

TABLE S3.1 (Cont.)

[a] Sample types: DUP-F, field replicate; DUP-L, duplicate laboratory analysis; FB, field blank; RI, equipment rinsate; TB, trip blank; VER, verification sample; WASTE, waste sample.

[b] Matrix types: MEOH, methanol; SOIL, soil; WG, groundwater; WQC, quality control water sample.

[c] SB10 is a deeper soil boring approximately 5 ft from shallower soil boring SB06. Some soil samples from SB10 were incorrectly marked with the SB06 identifier in the field. The original sample identifiers (including “SB06”) are retained here, but the location is given correctly as SB10.

TABLE S3.2 Analytical results for quality control samples collected to monitor sample collection and handling.

Sample	Date	Sample Type[a]	Matrix[b]	Analytical Laboratory	Concentration (µg/L in water; µg/kg in soil)			
					Carbon Tetrachloride	Chloroform	Methylene Chloride	Method Detection Limit
Field blanks								
SYTANK1-W-33864	7/11/12	FB	WQC	AGEM	ND[c]	ND	ND	1
SYTANK2-W-33865	7/11/12	FB	WQC	AGEM	ND	ND	ND	1
SYTRUCK-W-33863	7/11/12	FB	WQC	AGEM	ND	ND	ND	1
Equipment rinsates								
SYQCIR-W-33938	7/14/12	RI	WQC	AGEM	ND	ND	ND	1
SYQCIR-W-33939	7/14/12	RI	WQC	AGEM	ND	ND	ND	1
Trip blanks								
SYMEOHBLANK-18JUL12	7/18/12	TB	MEOH	TestAmerica	ND	ND	7.6 J[d]	10
SYQCTB-S-33830	7/10/12	TB	SOIL	AGEM	ND	ND	ND	10
SYQCTB-S-33882	7/11/12	TB	SOIL	AGEM	ND	ND	ND	10
SYQCTB-S-33883	7/11/12	TB	SOIL	AGEM	ND	ND	ND	10
SYQCTB-S-33881	7/11/12	TB	SOIL	AGEM	ND	ND	ND	10
SYQCTB-S-33906	7/11/12	TB	SOIL	AGEM	ND	ND	ND	10
SYQCTB-S-33941	7/14/12	TB	SOIL	AGEM	ND	ND	ND	10
SYQCTB-W-33784	6/8/12	TB	WQC	AGEM	ND	ND	ND	1
SYQAQC1-W-33808	7/10/12	TB	WQC	AGEM	ND	ND	ND	1
SYQCQA-W-33870	7/11/12	TB	WQC	AGEM	ND	ND	ND	1
SYQCQA-W-33913	7/12/12	TB	WQC	AGEM	ND	ND	ND	1
SYQCQA-W-33913VER	7/12/12	VER	WQC	TestAmerica	0.02 J B[e]	ND	0.2 J B	0.5
SYQCQA-W-33930	7/13/12	TB	WQC	AGEM	ND	ND	ND	1
SYQCQA-W-33940	7/14/12	TB	WQC	AGEM	ND	ND	ND	1
SYQCQA-W-33952	7/18/12	TB	WQC	AGEM	ND	ND	ND	1
SYQCQA-W-33952VER	7/18/12	VER	WQC	TestAmerica	0.02 J B	ND	0.06 J B	0.5
SYQCTB-W-33955	7/26/12	TB	WQC	AGEM	ND	ND	ND	1

TABLE S3.2 (Cont.)

[a] Sample types: FB, field blank; RI, rinsate; TB, trip blank; VER, verification sample.

[b] Matrix types: SOIL, soil; WQC, water quality control sample.

[c] ND, compound analyzed for but not detected at a level greater than or equal to the indicated method detection limit.

[d] J, compound identified with an estimated concentration between the instrument detection limit and the method detection limit.

[e] B, compound detected in associated laboratory blank.

TABLE S3.3 Calibration and surrogate recovery during organic analyses of soil and water samples at the AGEM Laboratory.

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-6-12, analysis date June 12, 2012							
20-ppb standard	102	118	111	19.28	3.7	17.79	11.7
Laboratory blank	100	100	100				
SYWOLTING-W-33771	102	102	106				
SYWOLTINGDUP-W-33772	114	117	110				
SYKINGERY-W-33773	112	103	101				
SYKINGERYDUP-W-33774	109	88	102				
SYREEVES-W-33775	105	103	103				
SYCMEYER-W-33776	98	93	97				
SYMEITLER-W-33777	100	97	92				
SYRYSER-W-33778	99	95	98				
Laboratory blank 2	100	100	100				
SYTIMMEYER-W-33779	94	93	87				
SYTMEYER-W-33780	94	81	96				
SYPWS5-W-33781	91	100	89				
SYPWS5-W-33781DUP	92	100	96				
SYPWS6-W-33782	89	75[d]	77[d]	Reanalyzed in SDG 12-6-13 with recovery limit met.			
SYPAHLS-W-33783	70[d]	69[d]	76[d]	Reanalyzed in SDG 12-6-13 with recovery limit met.			
SDG 12-6-13, analysis date June 13, 2012							
20-ppb standard	103	111	108	21.7	8.2	21.16	5.6
Laboratory blank	100	100	100				
SYPAHLS-W-33783	102	93	97				
SYPWS6-W-33782	105	104	101				
SYQCTB-W-33784	97	100	99				

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-11, analysis date July 11, 2012							
20-ppb standard	103	104	99	20.74	3.6	20.6	3.0
Laboratory blank	108	112	112				
SYSB01-W-33795	101	105	109				
SYSB03-W-33796	108	111	114				
SYSB03DUP-W-33797	101	99	107				
SYSB02-W-33809	99	107	104				
SYQAQC1-W-33808	98	102	94				
SDG 12-7-12, analysis date July 12, 2012							
20-ppb standard	110	94	109	21.03	5.0	22.38	11.2
Laboratory blank	100	100	100				
SYSB06-W-33831	101	99	101				
SYSB05-W-33809	103	103	109				
SYSB05-W-33809DUP	95	99	95				
SYTANK1-W-33864	86	101	92				
SYTANK2-W-33865	83	95	80				
SYTRUCK-W-33863	83	96	97				
SYQCQA-W-33870	85	102	89				
SDG 12-7-13a, analysis date July 13, 2012							
20-ppb standard	100	99	94	21.4	6.8	18.41	8.3
Laboratory blank	100	100	100				
SYSB07-W-33834	89	84	82				
SYSB07-W-33832	102	105	103				
SYSB04-W-33910	100	102	110				
SYSB06-W-33912	100	97	107	Ouside calibration for carbon tetrachloride. Analyzed at dilution in SDG 12-7-14.			
SYSB07DUP-W-33833	96	110	106				
SYSB05-W-33911	102	103	106				
SYSB01-W-33907	101	104	113				

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-13a, analysis date July 13, 2012 (cont.)							
SYSB03-W-33909	102	101	109				
SYSB02-W-33908	98	94	97				
SYQCQA-W-33913	96	96	94				
SYSB03-S-33810	101	118	110				
SYSB02-S-33798	128[d]	103	118	No reanalysis.			
SYSB03-S-33812	99	109	103				
Methanol blank	102	103	118				
SYSB03-S-33817	117	119	119				
SYSB03-S-33819	113	105	99				
SYSB03-S-33811	101	94	89				
SYSB01-S-33786	101	91	86				
SYSB01-S-33789	98	89	87				
SYSB01-S-33785	92	78[d]	78[d]	Reanalyzed in SDG 12-7-18 with recovery limit met.			
SYSB01-S-33791	95	80	82				
SDG 12-7-13b, analysis date July 13, 2012							
20-ppb standard	100	100	100	19.48	2.6	20.56	2.8
Methanol blank	100	100	100				
SYSB03-S-33815	90	86	95				
SYSB03-S-33813	100	110	110				
SYSB03-S-33814	93	95	95				
SYSB03-S-33805	93	89	103				
SYSB02-S-33802	93	90	95				
SYSB02-S-33799	91	89	98				
Methanol blank 2	100	95	98				
SYSB02-S-33803	94	85	93				
SYSB02-S-33803DUP	89	89	94				
SYSB01-S-33790	91	86	97				
SYSB02-S-33804	102	93	105				
SYSB02-S-33800	101	106	106				

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-13b, analysis date July 13, 2012 (cont.)							
SYSB03-S-33818	97	99	106				
SYSB02-S-33801	101	100	105				
SYSB03-S-33816	98	97	101				
Methanol blank 3	105	99	105				
SYSB01-S-33788	114	123[d]	138[d]	Reanalyzed in SDG 12-7-18 with recovery limit met.			
SYSB01-S-33787	110	111	116				
SYSB01SDUP-S-33792	104	104	111				
SYSB04-S-33821	107	111	117				
SYSB04-S-33826	106	108	115				
SYSB04-S-33795	104	103	113				
SYSB04-S-33820	106	104	113				
SYSB04-S-33794	100	93	97				
SYSB04-S-33794DUP	102	97	104				
SDG 12-7-14, analysis date July 14, 2012							
20-ppb standard	109	113	115	19.98	0.1	20.33	1.6
Laboratory blank	91	86	85				
SYSB11-W-33929	101	97	92				
SYSB06-W-33924	102	105	106				
SYSB07-W-33839	230[d]	153[d]	161[d]	Recovery limit not met because of sample interference. Reanalyzed in SDG 12-7-16.			
SYQCQA-W-33930	110	109	116				
SYSB06-W-33912	101	94	103	Analysis at dilution factor (DF) 10 for carbon tetrachloride and chloroform.			
SYSB06-W-33912DUP	95	90	92	Duplicate analysis at DF 10 for carbon tetrachloride and chloroform.			
Methanol blank	97	93	90				
SYSB01-S-33785	51[d]	75[d]	97	Reanalyzed in SDG 12-7-18 with recovery limit met.			
SYSB04-S-33823	94	101	114				
SYSB04-S-33829	94	102	116				

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-14, analysis date July 14, 2012 (cont.)							
SYSB04-S-33822	113	108	114				
SYSB04-S-33824	116	111	109				
SYSB04-S-33825	118	98	99				
SYSB04-S-33828	114	91	86				
SYSB04-S-33828DUP	106	87	80				
SDG 12-7-16, analysis date July 16, 2012							
20-ppb standard	100	100	100	17.24	14.8	19.45	2.8
Laboratory blank	100	100	100				
SYSB12-W-33931	98	100	101				
SYSB12-W-33932	97	99	111				
SYSB07S-W-33934	97	96	109				
SYSB07M-W-33935	93	99	103				
SYSB10-W-33936	95	99	105	Ouside calibration for carbon tetrachloride. Analyzed at dilution in SDG 12-7-17b.			
SYSB11-W-33937	92	102	113				
SYSB11-W-33937DUP	93	93	102				
SYQCIR-W-33938	93	89	97				
SYQCIR-W-33939	90	89	94				
SYQCQA-W-33940	84	93	83				
SYSB07-W-33839	150[d]	111	111	Analysis at DF 2 for carbon tetrachloride and chloroform in attempt to reduce sample interference. Recovery limit still not met. Result accepted.			
Methanol blank	93	91	92				
Methanol blank 2	105	111	104				
SYSB01-S-33788	56[d]	82	95	Reanalyzed in SDG 12-7-18 with recovery limit met.			
SYSB01-S-33785	77[d]	98	112	Reanalyzed in SDG 12-7-18 with recovery limit met.			
SYSB04-S-33793	107	117	119				
SYSB05-S-33846	107	114	115				
SYSB05-S-33842	113	110	117				

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-16, analysis date July 16, 2012 (cont.)							
SYSB05-S-33844	107	102	107				
SYSB05-S-33850	101	97	94				
SYSB05-S-33847	99	96	94				
SYSB04-S-33827	93	90	84				
SYSB05-S-33843	93	86	86				
Methanol blank 3	93	85	85				
SDG 12-7-17a, analysis date July 17, 2012							
20-ppb standard	88	97	104	20.56	2.8	20.19	0.9
Methanol blank	100	100	100				
SYSB01-S-33788	44[d]	61[d]	75[d]	Reanalyzed in SDG 12-7-18 with recovery limit met.			
SYSB01-S-33785	53[d]	71[d]	92	Reanalyzed in SDG 12-7-18 with recovery limit met.			
SYSB07-S-33875	65[d]	89	103	Reanalyzed in SDG 12-7-18 with recovery limit met.			
SYSB06-S-33858	85	101	114				
SYSB07-S-33872	88	100	116				
SYSB07-S-33873	87	90	103				
SYSB06-S-33857	97	102	107				
Methanol blank 2	100	100	100				
SYSB06-S-33854	105	100	102				
SYSB06-S-33856	98	95	99				
SYSB07-S-33886	98	99	95				
SYSB07-S-33877	99	93	98				
SYSB07-S-33878	100	98	96				
SYSB07-S-33879	93	86	88				
SYSB07-S-33879DUP	91	92	86				

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-17b, analysis date July 17, 2012							
20-ppb standard	105	90	114	19.69	1.6	23.29	15.2
Laboratory blank	100	100	100				
SYSB10-W-33936	84	83	88	Analysis at DF 10 for carbon tetrachloride and chloroform.			
SYSB10-W-33936DUP	89	95	99	Duplicate analysis at DF 10 for carbon tetrachloride and chloroform.			
Methanol blank	100	98	96				
SYSB07-S-33871	95	98	98				
SYSB05-S-33849	99	98	108				
SYSB05-S-33848	97	103	104				
SYSB05-S-33845	101	99	103				
SYSB06-S-33853	97	99	106				
SYSB05-S-33841	104	108	111				
SYSB06-S-33859	103	112	109				
SYSB06-S-33852	105	106	113				
SYSB06-S-33855	101	105	108				
SYSB05-S-33871	104	102	107				
SYSB07-S-33874	103	115	98				
Methanol blank 2	100	102	104				
SDG 12-7-18, analysis date July 18, 2012							
20-ppb standard	100	100	100	22.36	11.1	21.95	9.3
Methanol blank	95	88	84				
SYSB07-S-33880	93	85	94				
SYSB06-S-33919	87	103	81				
SYSB07-S-33885	99	98	101				
SYSB07-S-33884	95	85	88				
SYSB06-S-33851	96	82	91				
SYSB07-S-33876	94	86	88				
SYSB07-S-33887	101	96	110				
Methanol blank 2	105	112	116				

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-18, analysis date July 18, 2012 (cont.)							
SYSB06-S-33914	104	97	95				
SYSB06-S-33915	94	90	91				
SYSB06-S-33917	99	88	93				
SYSB07-S-33888	97	100	111				
SYSB06-S-33918	105	121[d]	125[d]	Reanalyzed in SDG 12-7-20b with recovery limit met.			
SYSB06-S-33916	101	90	96				
SYSB06-S-33916DUP	101	94	94				
SYSB01-S-33788	103	100	101				
SYSB01-S-33785	115	111	106				
SYSB07-S-33875	110	102	100				
SYQcarbon tetrachlorideB-S-33830	132[d]	175[d]	172[d]	Reanalyzed in SDG 12-7-20b with recovery limit met.			
SYQcarbon tetrachlorideB-S-33883	136[d]	182[d]	191[d]	Reanalyzed in SDG 12-7-20b with recovery limit met.			
SYQcarbon tetrachlorideB-S-33906	121[d]	140[d]	145[d]	Reanalyzed in SDG 12-7-23 with recovery limit met.			
SYQcarbon tetrachlorideB-S-33882	123[d]	145[d]	140[d]	Reanalyzed in SDG 12-7-23 with recovery limit met.			
Methanol blank 3	110	108	106				
SDG 12-7-19, analysis date July 19, 2012							
20-ppb standard	100	100	100	20.1	0.5	22.58	12.1
Methanol blank	100	100	100				
SYSB13-W-33841	119	92	119				
SYMW13-W-33951	107	96	103				
SYMW1-W-33939	95	126[d]	124[d]	Reanalyzed in SDG 12-7-20a with recovery limit met.			
SYMW2-W-33940	95	93	105				
SYMW3-W-33941	83	86	101				
SYMW4-W-33942	89	89	89				
SYMW5-W-33943	88	86	89				
SYMW6P-W-33944	87	85	82				
SYMW6S-W-33945	86	81	92				
SYMW7S-W-33946	87	85	89				
SYMW7M-W-33947	86	89	89				

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-19, analysis date July 19, 2012 (cont.)							
SYMW7D-W-33948	181[d]	290[d]	242[d]	Reanalyzed in SDG 12-7-20a with recovery limit met.			
SYMW11-W-33949	112	117	118				
SYMW12-W-33950	95	96	103				
SYMW12-W-33950DUP	93	88	94				
SDG 12-7-20a, analysis date July 20, 2012							
20-ppb standard	88	92	95	21.19	5.8	20.21	1.0
Laboratory blank	100	100	100				
SYQCQA-W-33952	89	93	94				
SYMW1-W-33939	89	97	105				
SYMW7D-W-33948	98	97	105				
SDG 12-7-20b, analysis date July 20, 2012							
20-ppb standard	82	107	94	17.64	12.5	18.72	6.6
Laboratory blank	100	100	100				
SYSB06-S-33918	118	117	116				
SYSB06-S-33918DUP	119	117	114				
SYQCTB-S-33881	94	123[d]	142[d]	Reanalyzed in SDG 12-7-23 with recovery limit met.			
SYQCTB-S-33941	90	100	111				
SYQCTB-S-33830	86	104	112				
SYQCTB-S-33883	85	108	111				
SYQCTB-S-33906	76[d]	79[d]	89	Reanalyzed in SDG 12-7-23 with recovery limit met.			
SYQCTB-S-33882	71[d]	75[d]	80	Reanalyzed in SDG 12-7-23 with recovery limit met.			

TABLE S3.3 (Cont.)

Sample	Recovery of Surrogate Compound[a] (%)			Measured Concentration of Calibration Check Standard[b] (ppb; µg/L in water or µg/kg in soil)			
	Fluorobenzene	Bromo-fluorobenzene	Dichloro-benzene-d_4	Carbon Tetrachloride (ppb)	RPD[c] (%)	Chloroform (ppb)	RPD (%)
SDG 12-7-23, analysis date July 23, 2012							
20-ppb standard	86	105	96	18.5	7.8	19.7	1.5
Laboratory blank	107	105	106				
SYQCTB-S-33881	101	94	117				
SYQCTB-S-33906	92	99	113				
SYQCTB-S-33882	82	86	97				
SDG 12-7-27, analysis date July 27, 2012							
20-ppb standard	109	116	105	16.08	19.6	17.64	11.8
Laboratory blank	100	100	100				
SYIDW-W-33954	98	105	101				
SYWNORTH-W-33953	106	114	117				
SYWNORTH-W-33953DUP	100	108	113				
SYQCTB-W-33955	98	106	107				

[a] QC range for recovery of surrogate compounds = 80-120%.

[b] QC range for calibration check standard relative percent difference = ± 20%.

[c] RPD, relative percent difference.

[d] Surrogate recovery outside quality control range.

TABLE S3.4 Analytical results from the AGEM Laboratory for duplicate quality control analyses.

Location	Sample	Sample Date	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Concentration			Units
						Carbon Tetrachloride	Chloroform	Methylene Chloride	
SB01	SYSB01-S-33791	7/10/12	N	23	SOIL	3.4 J[c]	ND[d]	ND	µg/kg
SB01	SYSB01SDUP-S-33792	7/10/12	DUP-F	23	SOIL	6 J	ND	ND	µg/kg
SB02	SYSB02-S-33803	7/10/12	N	22	SOIL	34	ND	ND	µg/kg
SB02	SYSB02-S-33803DUP	7/10/12	DUP-L	22	SOIL	35	ND	ND	µg/kg
SB03	SYSB03-W-33796	7/10/12	N	34-37	WG	0.4 J	1.3	ND	µg/L
SB03	SYSB03DUP-W-33797	7/10/12	DUP-F	34-37	WG	0.8 J	1.4	ND	µg/L
SB04	SYSB04-S-33794	7/11/12	N	45	SOIL	ND	ND	ND	µg/kg
SB04	SYSB04-S-33794DUP	7/11/12	DUP-L	45	SOIL	ND	ND	ND	µg/kg
SB04	SYSB04-S-33828	7/10/12	N	34	SOIL	ND	ND	ND	µg/kg
SB04	SYSB04-S-33828DUP	7/10/12	DUP-L	34	SOIL	ND	ND	ND	µg/kg
SB05	SYSB05-W-33809	7/11/12	N	39-43	WG	ND	ND	ND	µg/L
SB05	SYSB05-W-33809DUP	7/11/12	DUP-L	39-43	WG	ND	ND	ND	µg/L
SB06	SYSB06-S-33857	7/11/12	N	26	SOIL	3.6 J	ND	ND	µg/kg
SB06	SYSB06DUP-S-33858	7/11/12	DUP-F	26	SOIL	1.7 J	ND	ND	µg/kg
SB06	SYSB06-W-33912	7/12/12	N	19.5-29.5	WG	178	16	ND	µg/L
SB06	SYSB06-W-33912DUP	7/12/12	DUP-L	19.5-29.5	WG	181	15	ND	µg/L
SB07	SYSB07-S-33879	7/11/12	N	34	SOIL	ND	ND	ND	µg/kg
SB07	SYSB07-S-33879DUP	7/11/12	DUP-L	34	SOIL	ND	ND	ND	µg/kg
SB07	SYSB07-W-33832	7/11/12	N	35-40	WG	54	4.3	ND	µg/L
SB07	SYSB07DUP-W-33833	7/11/12	DUP-F	35-40	WG	53	5.6	ND	µg/L
SB10[e]	SYSB06-S-33916	7/13/12	N	42	SOIL	ND	ND	ND	µg/kg
SB10[e]	SYSB06-S-33916DUP	7/13/12	DUP-L	42	SOIL	ND	ND	ND	µg/kg
SB10[e]	SYSB06-S-33918	7/13/12	N	50	SOIL	ND	ND	ND	µg/kg
SB10[e]	SYSB06-S-33918DUP	7/13/12	DUP-L	50	SOIL	ND	ND	ND	µg/kg

TABLE S3 .4 (Cont.)

Location	Sample	Sample Date	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Concentration			Units
						Carbon Tetrachloride	Chloroform	Methylene Chloride	
SB10	SYSB10-W-33936	7/14/12	N	42.5-52.5	WG	214	16	ND	µg/L
SB10	SYSB10-W-33936DUP	7/14/12	DUP-L	42.5-52.5	WG	191	14	ND	µg/L
SB11	SYSB11-W-33937	7/14/12	N	35-45	WG	ND	ND	ND	µg/L
SB11	SYSB11-W-33937DUP	7/14/12	DUP-L	35-45	WG	ND	ND	ND	µg/L
MW12	SYMW12-W-33950	7/18/12	N	45-55	WG	ND	ND	ND	µg/L
MW12	SYMW12-W-33950DUP	7/18/12	DUP-L	45-55	WG	ND	ND	ND	µg/L
PWS5	SYPWS5-W-33781	6/8/12	N	–	WG	ND	ND	ND	µg/L
PWS5	SYPWS5-W-33781DUP	6/8/12	DUP-L	–	WG	ND	ND	ND	µg/L
KINGERY	SYKINGERY-W-33773	6/7/12	N	–	WG	14	0.8 J	ND	µg/L
KINGERY	SYKINGERYDUP-W-33774	6/7/12	DUP-F	–	WG	14	1.2	ND	µg/L
WOLTING-SOUTH	SYWOLTING-W-33771	6/7/12	N	–	WG	ND	ND	ND	µg/L
WOLTING-SOUTH	SYWOLTINGDUP-W-33772	6/7/12	DUP-F	–	WG	ND	ND	ND	µg/L
WOLTING-NORTH	SYWNORTH-W-33953	7/26/12	N	–	WG	ND	ND	ND	µg/L
WOLTING-NORTH	SYWNORTH-W-33953DUP	7/26/12	DUP-L	–	WG	ND	ND	ND	µg/L

[a] Sample types: DUP-F, field replicate; DUP-L, duplicate laboratory analysis; N, primary sample; WASTE, waste.

[b] Matrix types: SOIL, soil; WG, groundwater.

[c] J, compound identified with an estimated concentration between the instrument detection limit and the method detection limit.

[d] ND, compound analyzed for but not detected at a level greater than or equal to the method detection limit (< 10 µg/kg for soil or < 1 µg/L for water).

[e] SB10 is deeper soil boring approximately 5 ft from shallower soil boring SB06. Some samples from SB10 were incorrectly marked with the SB06 identifier in the field. The original sample identifiers (including “SB06”) are retained here, but the location is given correctly as SB10.

TABLE S3.5 Analytical results from the AGEM Laboratory and TestAmerica for samples submitted for verification organic analysis.

Location	Sample	Sample Date	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Analytical Laboratory	Concentration				Units
							Carbon Tetrachloride	Chloroform	Methylene Chloride	MDL	
SB01	SYSB01-S-33786	7/10/12	N	6	SOIL	AGEM	ND[c]	ND	ND	10	µg/kg
SB01	SYSB01-S-33786VER	7/10/12	VER	6	SOIL	TestAmerica	ND	1.8 J[d]	7 J	8.7	µg/kg
SB02	SYSB02-S-33804	7/10/12	N	20	SOIL	AGEM	ND	ND	ND	10	µg/kg
SB02	SYSB02-S-33804VER	7/10/12	VER	20	SOIL	TestAmerica	ND	2.5 J	5.9 J	10	µg/kg
SB04	SYSB04-S-33820	7/10/12	N	2	SOIL	AGEM	ND	ND	ND	10	µg/kg
SB04	SYSB04-S-33820VER	7/10/12	VER	2	SOIL	TestAmerica	ND	2 J	4.3 J	9.5	µg/kg
SB05	SYSB05-S-33850	7/11/12	N	38	SOIL	AGEM	ND	ND	ND	10	µg/kg
SB05	SYSB05-S-33850VER	7/11/12	VER	38	SOIL	TestAmerica	ND	ND	ND	7.6	µg/kg
SB06	SYSB06-S-33854	7/11/12	N	14	SOIL	AGEM	ND	ND	ND	10	µg/kg
SB06	SYSB06-S-33854VER	7/11/12	VER	14	SOIL	TestAmerica	ND	ND	5.3 J	8.3	µg/kg
SB06	SYSB06-S-33859	7/11/12	N	28	SOIL	AGEM	ND	ND	ND	10	µg/kg
SB06	SYSB06-S-33859VER	7/11/12	VER	28	SOIL	TestAmerica	4.2 J	3.1 J	6 J	10	µg/kg
SB07	SYSB07-S-33880	7/11/12	N	38	SOIL	AGEM	ND	ND	ND	10	µg/kg
SB07	SYSB07-S-33880VER	7/11/12	VER	38	SOIL	TestAmerica	ND	ND	5.4 J	8.7	µg/kg
SB03	SYSB03DUP-W-33797	7/10/12	DUP-F	34-37	WG	AGEM	0.8 J	1.4	ND	1	µg/L
SB03	SYSB03DUP-W-33797VER	7/10/12	VER	34-37	WG	TestAmerica	0.2 J B[e]	1.4	0.2 J B	0.5	µg/L
SB04	SYSB04-W-33910	7/12/12	N	38-43	WG	AGEM	0.5 J	0.3 J	ND	1	µg/L
SB04	SYSB04-W-33910VER	7/12/12	VER	38-43	WG	TestAmerica	0.4 J B	0.3 J	0.1 J B	0.5	µg/L
SB07	SYSB07-W-33832	7/11/12	N	35-40	WG	AGEM	54	4.3	ND	1	µg/L
SB07	SYSB07-W-33832VER	7/11/12	VER	35-40	WG	TestAmerica	9.2 B	17	0.2 J B	0.5	µg/L
SB11	SYSB11-W-33929	7/13/12	N	32-40	WG	AGEM	ND	ND	ND	1	µg/L
SB11	SYSB11-W-33928	7/13/12	VER	32-40	WG	TestAmerica	0.03 J B	ND	0.2 J B	0.5	µg/L
SB12	SYSB12-W-33931	7/14/12	N	45-46.5	WG	AGEM	ND	ND	ND	1	µg/L
SB12	SYSB12-W-33931VER	7/14/12	VER	45-46.5	WG	TestAmerica	0.03 J B	ND	0.2 J B	0.5	µg/L
MW11	SYMW11-W-33949	7/18/12	N	35-45	WG	AGEM	ND	ND	ND	1	µg/L
MW11	SYMW11-W-33949VER	7/18/12	VER	35-45	WG	TestAmerica	0.02 J B	ND	0.07 J B	0.5	µg/L
MW12	SYMW12-W-33950	7/18/12	N	45-55	WG	AGEM	ND	ND	ND	1	µg/L
MW12	SYMW12-W-33950VER	7/18/12	VER	45-55	WG	TestAmerica	ND	ND	0.07 J B	0.5	µg/L

TABLE S3.5 (Cont.)

Location	Sample	Sample Date	Sample Type[a]	Depth (ft BGL)	Matrix[b]	Analytical Laboratory	Concentration			MDL	Units
							Carbon Tetrachloride	Chloroform	Methylene Chloride		
QC	SYQCQA-W-33913	7/12/12	TB	–	WQC	AGEM	ND	ND	ND	1	µg/L
QC	SYQCQA-W-33913VER	7/12/12	VER	–	WQC	TestAmerica	0.02 J B	ND	0.2 J B	0.5	µg/L
QC	SYQCQA-W-33952	7/18/12	TB	–	WQC	AGEM	ND	ND	ND	1	µg/L
QC	SYQCQA-W-33952VER	7/18/12	VER	–	WQC	TestAmerica	0.02 J B	ND	0.06 J B	0.5	µg/L

[a] Sample types: DUP-F, field replicate; N, primary sample; TB, trip blank; VER, verification sample.

[b] Matrix types: SOIL, soil; WG, groundwater; WQC, quality control water sample.

[c] ND, compound analyzed for but not detected at a level greater than or equal to the indicated method detection limit.

[d] J, compound identified with an estimated concentration between the instrument detection limit and the method detection limit.

[e] B, compound detected in associated laboratory blank.

Supplement 4:

Analytical Data for Investigation-Derived Waste

Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

August 08, 2012

Mr. Travis Kamler
TCW Construction Inc
141 M Street
Lincoln, NE 68508

RE: Project: Sylvan Grove, KS
Pace Project No.: 60126014

Dear Mr. Kamler:
Enclosed are the analytical results for sample(s) received by the laboratory on July 27, 2012. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Trudy Gipson

trudy.gipson@pacelabs.com
Project Manager

Enclosures

cc: Mr. David Surgnier

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CERTIFICATIONS

Project:	Sylvan Grove, KS
Pace Project No.:	60126014

Kansas Certification IDs
9608 Loiret Boulevard, Lenexa, KS 66219
A2LA Certification #: 2456.01
Arkansas Certification #: 12-019-0
Illinois Certification #: 002885
Iowa Certification #: 118
Kansas/NELAP Certification #: E-10116
Louisiana Certification #: 03055
Nevada Certification #: KS000212008A
Oklahoma Certification #: 9205/9935
Texas Certification #: T104704407-12-3
Utah Certification #: KS000212012-2

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SAMPLE SUMMARY

Project: Sylvan Grove, KS
Pace Project No.: 60126014

Lab ID	Sample ID	Matrix	Date Collected	Date Received
60126014001	**SYIDW1-S-33956**	Solid	07/26/12 16:00	07/27/12 08:25
60126014002	**SYIDW2-S-33957**	Solid	07/26/12 16:00	07/27/12 08:25

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SAMPLE ANALYTE COUNT

Project: Sylvan Grove, KS
Pace Project No.: 60126014

Lab ID	Sample ID	Method	Analysts	Analytes Reported
60126014001	**SYIDW1-S-33956**	EPA 8260	RAB	69
		ASTM D2974	DWC	1
60126014002	**SYIDW2-S-33957**	EPA 8260	RAB	69
		ASTM D2974	DWC	1

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ANALYTICAL RESULTS

Project: Sylvan Grove, KS
Pace Project No.: 60126014

Sample: SYIDW1-S-33956 **Lab ID: 60126014001** Collected: 07/26/12 16:00 Received: 07/27/12 08:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	23.0	1		08/02/12 04:08	67-64-1	
Benzene	ND	ug/kg	5.8	1		08/02/12 04:08	71-43-2	
Bromobenzene	ND	ug/kg	5.8	1		08/02/12 04:08	108-86-1	
Bromochloromethane	ND	ug/kg	5.8	1		08/02/12 04:08	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	1		08/02/12 04:08	75-27-4	
Bromoform	ND	ug/kg	5.8	1		08/02/12 04:08	75-25-2	
Bromomethane	ND	ug/kg	5.8	1		08/02/12 04:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	11.5	1		08/02/12 04:08	78-93-3	
n-Butylbenzene	ND	ug/kg	5.8	1		08/02/12 04:08	104-51-8	M1
sec-Butylbenzene	ND	ug/kg	5.8	1		08/02/12 04:08	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.8	1		08/02/12 04:08	98-06-6	
Carbon disulfide	ND	ug/kg	5.8	1		08/02/12 04:08	75-15-0	
Carbon tetrachloride	ND	ug/kg	5.8	1		08/02/12 04:08	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	1		08/02/12 04:08	108-90-7	
Chloroethane	ND	ug/kg	5.8	1		08/02/12 04:08	75-00-3	
Chloroform	ND	ug/kg	5.8	1		08/02/12 04:08	67-66-3	
Chloromethane	ND	ug/kg	5.8	1		08/02/12 04:08	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.8	1		08/02/12 04:08	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.8	1		08/02/12 04:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	11.5	1		08/02/12 04:08	96-12-8	
Dibromochloromethane	ND	ug/kg	5.8	1		08/02/12 04:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	1		08/02/12 04:08	106-93-4	
Dibromomethane	ND	ug/kg	5.8	1		08/02/12 04:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.8	1		08/02/12 04:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	1		08/02/12 04:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	1		08/02/12 04:08	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	5.8	1		08/02/12 04:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.8	1		08/02/12 04:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.8	1		08/02/12 04:08	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	5.8	1		08/02/12 04:08	540-59-0	
1,1-Dichloroethene	ND	ug/kg	5.8	1		08/02/12 04:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1		08/02/12 04:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	1		08/02/12 04:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.8	1		08/02/12 04:08	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.8	1		08/02/12 04:08	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.8	1		08/02/12 04:08	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.8	1		08/02/12 04:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1		08/02/12 04:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1		08/02/12 04:08	10061-02-6	
Ethylbenzene	ND	ug/kg	5.8	1		08/02/12 04:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	1		08/02/12 04:08	87-68-3	M1
2-Hexanone	ND	ug/kg	23.0	1		08/02/12 04:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	1		08/02/12 04:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.8	1		08/02/12 04:08	99-87-6	
Methylene chloride	ND	ug/kg	5.8	1		08/02/12 04:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11.5	1		08/02/12 04:08	108-10-1	

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ANALYTICAL RESULTS

Project: Sylvan Grove, KS
Pace Project No.: 60126014

Sample: SYIDW1-S-33956 **Lab ID: 60126014001** Collected: 07/26/12 16:00 Received: 07/27/12 08:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	5.8	1		08/02/12 04:08	1634-04-4	
Naphthalene	ND	ug/kg	11.5	1		08/02/12 04:08	91-20-3	
n-Propylbenzene	ND	ug/kg	5.8	1		08/02/12 04:08	103-65-1	
Styrene	ND	ug/kg	5.8	1		08/02/12 04:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	1		08/02/12 04:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1		08/02/12 04:08	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	1		08/02/12 04:08	127-18-4	
Toluene	ND	ug/kg	5.8	1		08/02/12 04:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	1		08/02/12 04:08	87-61-6	M1
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	1		08/02/12 04:08	120-82-1	M1
1,1,1-Trichloroethane	ND	ug/kg	5.8	1		08/02/12 04:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	1		08/02/12 04:08	79-00-5	
Trichloroethene	ND	ug/kg	5.8	1		08/02/12 04:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.8	1		08/02/12 04:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.8	1		08/02/12 04:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1		08/02/12 04:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1		08/02/12 04:08	108-67-8	
Vinyl chloride	ND	ug/kg	5.8	1		08/02/12 04:08	75-01-4	
Xylene (Total)	ND	ug/kg	5.8	1		08/02/12 04:08	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	106	%	78-122	1		08/02/12 04:08	1868-53-7	
Toluene-d8 (S)	100	%	80-123	1		08/02/12 04:08	2037-26-5	
4-Bromofluorobenzene (S)	102	%	78-125	1		08/02/12 04:08	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	73-135	1		08/02/12 04:08	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**13.7**	%	0.50	1		08/03/12 00:00		

REPORT OF LABORATORY ANALYSIS

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Lenexa, KS 66219
(913)599-5665

ANALYTICAL RESULTS

Project: Sylvan Grove, KS
Pace Project No.: 60126014

Sample: SYIDW2-S-33957 **Lab ID: 60126014002** Collected: 07/26/12 16:00 Received: 07/27/12 08:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	26.3	1		08/02/12 04:54	67-64-1	
Benzene	ND	ug/kg	6.6	1		08/02/12 04:54	71-43-2	
Bromobenzene	ND	ug/kg	6.6	1		08/02/12 04:54	108-86-1	
Bromochloromethane	ND	ug/kg	6.6	1		08/02/12 04:54	74-97-5	
Bromodichloromethane	ND	ug/kg	6.6	1		08/02/12 04:54	75-27-4	
Bromoform	ND	ug/kg	6.6	1		08/02/12 04:54	75-25-2	
Bromomethane	ND	ug/kg	6.6	1		08/02/12 04:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	13.1	1		08/02/12 04:54	78-93-3	
n-Butylbenzene	ND	ug/kg	6.6	1		08/02/12 04:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.6	1		08/02/12 04:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.6	1		08/02/12 04:54	98-06-6	
Carbon disulfide	ND	ug/kg	6.6	1		08/02/12 04:54	75-15-0	
Carbon tetrachloride	ND	ug/kg	6.6	1		08/02/12 04:54	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	1		08/02/12 04:54	108-90-7	
Chloroethane	ND	ug/kg	6.6	1		08/02/12 04:54	75-00-3	
Chloroform	ND	ug/kg	6.6	1		08/02/12 04:54	67-66-3	
Chloromethane	ND	ug/kg	6.6	1		08/02/12 04:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.6	1		08/02/12 04:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.6	1		08/02/12 04:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	13.1	1		08/02/12 04:54	96-12-8	
Dibromochloromethane	ND	ug/kg	6.6	1		08/02/12 04:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.6	1		08/02/12 04:54	106-93-4	
Dibromomethane	ND	ug/kg	6.6	1		08/02/12 04:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.6	1		08/02/12 04:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	1		08/02/12 04:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	1		08/02/12 04:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	6.6	1		08/02/12 04:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.6	1		08/02/12 04:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	1		08/02/12 04:54	107-06-2	
1,2-Dichloroethene (Total)	ND	ug/kg	6.6	1		08/02/12 04:54	540-59-0	
1,1-Dichloroethene	ND	ug/kg	6.6	1		08/02/12 04:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.6	1		08/02/12 04:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.6	1		08/02/12 04:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.6	1		08/02/12 04:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.6	1		08/02/12 04:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.6	1		08/02/12 04:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.6	1		08/02/12 04:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	1		08/02/12 04:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	1		08/02/12 04:54	10061-02-6	
Ethylbenzene	ND	ug/kg	6.6	1		08/02/12 04:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.6	1		08/02/12 04:54	87-68-3	
2-Hexanone	ND	ug/kg	26.3	1		08/02/12 04:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	1		08/02/12 04:54	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.6	1		08/02/12 04:54	99-87-6	
Methylene chloride	ND	ug/kg	6.6	1		08/02/12 04:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	13.1	1		08/02/12 04:54	108-10-1	

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ANALYTICAL RESULTS

Project: Sylvan Grove, KS
Pace Project No.: 60126014

Sample: SYIDW2-S-33957 **Lab ID: 60126014002** Collected: 07/26/12 16:00 Received: 07/27/12 08:25 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV 5035A VOA	Analytical Method: EPA 8260							
Methyl-tert-butyl ether	ND	ug/kg	6.6	1		08/02/12 04:54	1634-04-4	
Naphthalene	ND	ug/kg	13.1	1		08/02/12 04:54	91-20-3	
n-Propylbenzene	ND	ug/kg	6.6	1		08/02/12 04:54	103-65-1	
Styrene	ND	ug/kg	6.6	1		08/02/12 04:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.6	1		08/02/12 04:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	1		08/02/12 04:54	79-34-5	
Tetrachloroethene	ND	ug/kg	6.6	1		08/02/12 04:54	127-18-4	
Toluene	ND	ug/kg	6.6	1		08/02/12 04:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.6	1		08/02/12 04:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.6	1		08/02/12 04:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.6	1		08/02/12 04:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.6	1		08/02/12 04:54	79-00-5	
Trichloroethene	ND	ug/kg	6.6	1		08/02/12 04:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.6	1		08/02/12 04:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.6	1		08/02/12 04:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	1		08/02/12 04:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	1		08/02/12 04:54	108-67-8	
Vinyl chloride	ND	ug/kg	6.6	1		08/02/12 04:54	75-01-4	
Xylene (Total)	ND	ug/kg	6.6	1		08/02/12 04:54	1330-20-7	
Surrogates								
Dibromofluoromethane (S)	108	%	78-122	1		08/02/12 04:54	1868-53-7	
Toluene-d8 (S)	101	%	80-123	1		08/02/12 04:54	2037-26-5	
4-Bromofluorobenzene (S)	101	%	78-125	1		08/02/12 04:54	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	73-135	1		08/02/12 04:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974							
Percent Moisture	**23.9**	%	0.50	1		08/03/12 00:00		

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QUALITY CONTROL DATA

Project: Sylvan Grove, KS
Pace Project No.: 60126014

QC Batch: MSV/47484 | Analysis Method: EPA 8260
QC Batch Method: EPA 8260 | Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 60126014001, 60126014002

METHOD BLANK: 1038218 | Matrix: Solid
Associated Lab Samples: 60126014001, 60126014002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	08/02/12 00:34	
1,1,1-Trichloroethane	ug/kg	ND	5.0	08/02/12 00:34	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	08/02/12 00:34	
1,1,2-Trichloroethane	ug/kg	ND	5.0	08/02/12 00:34	
1,1-Dichloroethane	ug/kg	ND	5.0	08/02/12 00:34	
1,1-Dichloroethene	ug/kg	ND	5.0	08/02/12 00:34	
1,1-Dichloropropene	ug/kg	ND	5.0	08/02/12 00:34	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	08/02/12 00:34	
1,2,3-Trichloropropane	ug/kg	ND	5.0	08/02/12 00:34	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	08/02/12 00:34	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	08/02/12 00:34	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	08/02/12 00:34	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	08/02/12 00:34	
1,2-Dichlorobenzene	ug/kg	ND	5.0	08/02/12 00:34	
1,2-Dichloroethane	ug/kg	ND	5.0	08/02/12 00:34	
1,2-Dichloroethene (Total)	ug/kg	ND	5.0	08/02/12 00:34	
1,2-Dichloropropane	ug/kg	ND	5.0	08/02/12 00:34	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	08/02/12 00:34	
1,3-Dichlorobenzene	ug/kg	ND	5.0	08/02/12 00:34	
1,3-Dichloropropane	ug/kg	ND	5.0	08/02/12 00:34	
1,4-Dichlorobenzene	ug/kg	ND	5.0	08/02/12 00:34	
2,2-Dichloropropane	ug/kg	ND	5.0	08/02/12 00:34	
2-Butanone (MEK)	ug/kg	ND	10.0	08/02/12 00:34	
2-Chlorotoluene	ug/kg	ND	5.0	08/02/12 00:34	
2-Hexanone	ug/kg	ND	20.0	08/02/12 00:34	
4-Chlorotoluene	ug/kg	ND	5.0	08/02/12 00:34	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	10.0	08/02/12 00:34	
Acetone	ug/kg	ND	20.0	08/02/12 00:34	
Benzene	ug/kg	ND	5.0	08/02/12 00:34	
Bromobenzene	ug/kg	ND	5.0	08/02/12 00:34	
Bromochloromethane	ug/kg	ND	5.0	08/02/12 00:34	
Bromodichloromethane	ug/kg	ND	5.0	08/02/12 00:34	
Bromoform	ug/kg	ND	5.0	08/02/12 00:34	
Bromomethane	ug/kg	ND	5.0	08/02/12 00:34	
Carbon disulfide	ug/kg	ND	5.0	08/02/12 00:34	
Carbon tetrachloride	ug/kg	ND	5.0	08/02/12 00:34	
Chlorobenzene	ug/kg	ND	5.0	08/02/12 00:34	
Chloroethane	ug/kg	ND	5.0	08/02/12 00:34	
Chloroform	ug/kg	ND	5.0	08/02/12 00:34	
Chloromethane	ug/kg	ND	5.0	08/02/12 00:34	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	08/02/12 00:34	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	08/02/12 00:34	
Dibromochloromethane	ug/kg	ND	5.0	08/02/12 00:34	

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QUALITY CONTROL DATA

Project: Sylvan Grove, KS
Pace Project No.: 60126014

METHOD BLANK: 1038218 Matrix: Solid

Associated Lab Samples: 60126014001, 60126014002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	5.0	08/02/12 00:34	
Dichlorodifluoromethane	ug/kg	ND	5.0	08/02/12 00:34	
Ethylbenzene	ug/kg	ND	5.0	08/02/12 00:34	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	08/02/12 00:34	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	08/02/12 00:34	
Methyl-tert-butyl ether	ug/kg	ND	5.0	08/02/12 00:34	
Methylene chloride	ug/kg	ND	5.0	08/02/12 00:34	
n-Butylbenzene	ug/kg	ND	5.0	08/02/12 00:34	
n-Propylbenzene	ug/kg	ND	5.0	08/02/12 00:34	
Naphthalene	ug/kg	ND	10.0	08/02/12 00:34	
p-Isopropyltoluene	ug/kg	ND	5.0	08/02/12 00:34	
sec-Butylbenzene	ug/kg	ND	5.0	08/02/12 00:34	
Styrene	ug/kg	ND	5.0	08/02/12 00:34	
tert-Butylbenzene	ug/kg	ND	5.0	08/02/12 00:34	
Tetrachloroethene	ug/kg	ND	5.0	08/02/12 00:34	
Toluene	ug/kg	ND	5.0	08/02/12 00:34	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	08/02/12 00:34	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	08/02/12 00:34	
Trichloroethene	ug/kg	ND	5.0	08/02/12 00:34	
Trichlorofluoromethane	ug/kg	ND	5.0	08/02/12 00:34	
Vinyl chloride	ug/kg	ND	5.0	08/02/12 00:34	
Xylene (Total)	ug/kg	ND	5.0	08/02/12 00:34	
1,2-Dichloroethane-d4 (S)	%	100	73-135	08/02/12 00:34	
4-Bromofluorobenzene (S)	%	100	78-125	08/02/12 00:34	
Dibromofluoromethane (S)	%	105	78-122	08/02/12 00:34	
Toluene-d8 (S)	%	101	80-123	08/02/12 00:34	

LABORATORY CONTROL SAMPLE: 1038219

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	100	93.3	93	80-120	
1,1,1-Trichloroethane	ug/kg	100	93.7	94	78-128	
1,1,2,2-Tetrachloroethane	ug/kg	100	94.3	94	70-120	
1,1,2-Trichloroethane	ug/kg	100	87.8	88	77-120	
1,1-Dichloroethane	ug/kg	100	87.5	87	78-120	
1,1-Dichloroethene	ug/kg	100	101	101	71-123	
1,1-Dichloropropene	ug/kg	100	93.6	94	77-127	
1,2,3-Trichlorobenzene	ug/kg	100	94.4	94	80-120	
1,2,3-Trichloropropane	ug/kg	100	92.4	92	73-120	
1,2,4-Trichlorobenzene	ug/kg	100	95.0	95	78-121	
1,2,4-Trimethylbenzene	ug/kg	100	88.5	88	80-120	
1,2-Dibromo-3-chloropropane	ug/kg	100	93.4	93	70-125	
1,2-Dibromoethane (EDB)	ug/kg	100	95.5	95	78-120	
1,2-Dichlorobenzene	ug/kg	100	90.9	91	80-120	
1,2-Dichloroethane	ug/kg	100	92.9	93	76-121	

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QUALITY CONTROL DATA

Project: Sylvan Grove, KS
Pace Project No.: 60126014

LABORATORY CONTROL SAMPLE: 1038219

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloroethene (Total)	ug/kg	200	180	90	80-120	
1,2-Dichloropropane	ug/kg	100	92.4	92	80-120	
1,3,5-Trimethylbenzene	ug/kg	100	89.2	89	79-120	
1,3-Dichlorobenzene	ug/kg	100	88.6	89	80-120	
1,3-Dichloropropane	ug/kg	100	87.6	88	76-120	
1,4-Dichlorobenzene	ug/kg	100	90.9	91	80-120	
2,2-Dichloropropane	ug/kg	100	86.6	87	71-130	
2-Butanone (MEK)	ug/kg	500	443	89	45-160	
2-Chlorotoluene	ug/kg	100	89.6	90	78-120	
2-Hexanone	ug/kg	500	471	94	47-160	
4-Chlorotoluene	ug/kg	100	88.7	89	79-120	
4-Methyl-2-pentanone (MIBK)	ug/kg	500	469	94	68-123	
Acetone	ug/kg	500	396	79	40-160	
Benzene	ug/kg	100	89.2	89	78-120	
Bromobenzene	ug/kg	100	91.3	91	80-120	
Bromochloromethane	ug/kg	100	96.6	97	76-120	
Bromodichloromethane	ug/kg	100	91.4	91	79-120	
Bromoform	ug/kg	100	94.6	95	75-124	
Bromomethane	ug/kg	100	82.6	83	59-157	
Carbon disulfide	ug/kg	100	96.8	97	74-158	
Carbon tetrachloride	ug/kg	100	97.1	97	79-139	
Chlorobenzene	ug/kg	100	90.0	90	80-120	
Chloroethane	ug/kg	100	107	107	66-153	
Chloroform	ug/kg	100	81.6	82	74-120	
Chloromethane	ug/kg	100	104	104	40-160	
cis-1,2-Dichloroethene	ug/kg	100	86.9	87	75-120	
cis-1,3-Dichloropropene	ug/kg	100	94.4	94	80-120	
Dibromochloromethane	ug/kg	100	98.6	99	80-123	
Dibromomethane	ug/kg	100	88.8	89	80-120	
Dichlorodifluoromethane	ug/kg	100	128	128	40-160	
Ethylbenzene	ug/kg	100	88.4	88	77-120	
Hexachloro-1,3-butadiene	ug/kg	100	92.5	92	71-134	
Isopropylbenzene (Cumene)	ug/kg	100	95.6	96	80-128	
Methyl-tert-butyl ether	ug/kg	100	91.8	92	71-122	
Methylene chloride	ug/kg	100	81.9	82	76-131	
n-Butylbenzene	ug/kg	100	95.2	95	78-130	
n-Propylbenzene	ug/kg	100	87.0	87	78-121	
Naphthalene	ug/kg	100	93.7	94	67-123	
p-Isopropyltoluene	ug/kg	100	89.9	90	80-122	
sec-Butylbenzene	ug/kg	100	90.6	91	79-124	
Styrene	ug/kg	100	89.9	90	77-120	
tert-Butylbenzene	ug/kg	100	89.9	90	80-123	
Tetrachloroethene	ug/kg	100	90.9	91	74-129	
Toluene	ug/kg	100	89.4	89	76-120	
trans-1,2-Dichloroethene	ug/kg	100	92.7	93	80-129	
trans-1,3-Dichloropropene	ug/kg	100	101	101	80-120	
Trichloroethene	ug/kg	100	89.1	89	79-120	
Trichlorofluoromethane	ug/kg	100	103	103	70-135	

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QUALITY CONTROL DATA

Project: Sylvan Grove, KS
Pace Project No.: 60126014

LABORATORY CONTROL SAMPLE: 1038219

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Vinyl chloride	ug/kg	100	113	113	64-148	
Xylene (Total)	ug/kg	300	265	88	76-120	
1,2-Dichloroethane-d4 (S)	%			101	73-135	
4-Bromofluorobenzene (S)	%			97	78-125	
Dibromofluoromethane (S)	%			109	78-122	
Toluene-d8 (S)	%			101	80-123	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1038220 1038221

Parameter	Units	60126014001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1,1,2-Tetrachloroethane	ug/kg	ND	115	114	89.1	75.4	78	66	40-138	17	48	
1,1,1-Trichloroethane	ug/kg	ND	115	114	97.6	97.3	85	85	40-136	0	39	
1,1,2,2-Tetrachloroethane	ug/kg	ND	115	114	84.4	73.3	74	64	40-157	14	47	
1,1,2-Trichloroethane	ug/kg	ND	115	114	88.0	77.9	77	68	40-141	12	47	
1,1-Dichloroethane	ug/kg	ND	115	114	91.7	86.7	80	76	40-126	6	42	
1,1-Dichloroethene	ug/kg	ND	115	114	110	108	96	95	40-130	1	33	
1,1-Dichloropropene	ug/kg	ND	115	114	96.0	90.8	84	80	40-134	6	44	
1,2,3-Trichlorobenzene	ug/kg	ND	115	114	44.9	34.9	39	31	40-131	25	45	M1
1,2,3-Trichloropropane	ug/kg	ND	115	114	90.7	80.6	79	71	40-160	12	48	
1,2,4-Trichlorobenzene	ug/kg	ND	115	114	47.9	34.4	42	30	40-133	33	48	M1
1,2,4-Trimethylbenzene	ug/kg	ND	115	114	67.5	49.1	59	43	40-132	32	46	
1,2-Dibromo-3-chloropropane	ug/kg	ND	115	114	82.9	74.4	72	65	40-160	11	49	
1,2-Dibromoethane (EDB)	ug/kg	ND	115	114	90.1	82.4	79	72	40-143	9	39	
1,2-Dichlorobenzene	ug/kg	ND	115	114	64.8	49.9	56	44	40-133	26	45	
1,2-Dichloroethane	ug/kg	ND	115	114	91.6	86.7	80	76	40-141	6	41	
1,2-Dichloroethene (Total)	ug/kg	ND	229	227	186	172	81	76	40-131	8	42	
1,2-Dichloropropane	ug/kg	ND	115	114	92.5	84.2	81	74	40-134	9	43	
1,3,5-Trimethylbenzene	ug/kg	ND	115	114	70.9	50.9	62	45	40-134	33	47	
1,3-Dichlorobenzene	ug/kg	ND	115	114	62.5	46.3	54	41	40-131	30	45	
1,3-Dichloropropane	ug/kg	ND	115	114	85.4	76.4	74	67	40-133	11	45	
1,4-Dichlorobenzene	ug/kg	ND	115	114	63.9	46.9	56	41	40-134	31	46	
2,2-Dichloropropane	ug/kg	ND	115	114	80.0	77.5	70	68	40-135	3	45	
2-Butanone (MEK)	ug/kg	ND	574	569	462	443	80	78	45-160	4	48	
2-Chlorotoluene	ug/kg	ND	115	114	71.9	54.8	63	48	40-133	27	46	
2-Hexanone	ug/kg	ND	574	569	443	426	77	75	40-160	4	47	
4-Chlorotoluene	ug/kg	ND	115	114	68.6	50.9	60	45	40-136	30	46	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	574	569	475	455	83	80	40-148	4	49	
Acetone	ug/kg	ND	574	569	439	409	75	70	40-160	7	44	
Benzene	ug/kg	ND	115	114	89.3	83.1	78	73	40-141	7	34	
Bromobenzene	ug/kg	ND	115	114	72.4	59.7	63	52	40-138	19	44	
Bromochloromethane	ug/kg	ND	115	114	98.8	91.2	86	80	40-141	8	45	
Bromodichloromethane	ug/kg	ND	115	114	89.6	81.8	78	72	40-136	9	47	
Bromoform	ug/kg	ND	115	114	87.0	78.2	76	69	40-146	11	47	
Bromomethane	ug/kg	ND	115	114	88.3	79.5	77	70	40-147	11	40	
Carbon disulfide	ug/kg	ND	115	114	95.9	95.6	84	84	40-147	0	34	
Carbon tetrachloride	ug/kg	ND	115	114	102	96.5	89	85	40-138	6	45	

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Pace Analytical Services, Inc.
9608 Loiret Blvd.
Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: Sylvan Grove, KS
Pace Project No.: 60126014

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1038220 1038221

Parameter	Units	60126014001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Chlorobenzene	ug/kg	ND	115	114	78.6	66.5	68	58	40-130	17	46	
Chloroethane	ug/kg	ND	115	114	113	113	98	100	40-157	1	34	
Chloroform	ug/kg	ND	115	114	82.9	76.8	71	66	40-129	8	43	
Chloromethane	ug/kg	ND	115	114	103	102	90	89	40-140	2	37	
cis-1,2-Dichloroethene	ug/kg	ND	115	114	88.4	81.5	77	72	40-125	8	46	
cis-1,3-Dichloropropene	ug/kg	ND	115	114	82.0	74.0	71	65	40-132	10	47	
Dibromochloromethane	ug/kg	ND	115	114	92.8	82.6	81	73	40-144	12	41	
Dibromomethane	ug/kg	ND	115	114	86.6	81.3	76	71	40-140	6	47	
Dichlorodifluoromethane	ug/kg	ND	115	114	120	129	104	114	40-127	8	37	
Ethylbenzene	ug/kg	ND	115	114	79.6	66.5	69	58	40-149	18	39	
Hexachloro-1,3-butadiene	ug/kg	ND	115	114	49.8	30.2	43	27	40-128	49	48	D6,M1
Isopropylbenzene (Cumene)	ug/kg	ND	115	114	83.8	66.2	73	58	40-142	23	48	
Methyl-tert-butyl ether	ug/kg	ND	115	114	94.1	86.1	82	76	40-147	9	36	
Methylene chloride	ug/kg	ND	115	114	84.3	80.3	71	68	40-147	5	44	
n-Butylbenzene	ug/kg	ND	115	114	65.9	40.9	57	36	40-136	47	47	M1
n-Propylbenzene	ug/kg	ND	115	114	71.4	52.4	62	46	40-134	31	45	
Naphthalene	ug/kg	ND	115	114	59.9	50.5	52	44	40-158	17	46	
p-Isopropyltoluene	ug/kg	ND	115	114	68.3	45.7	60	40	40-133	40	46	
sec-Butylbenzene	ug/kg	ND	115	114	71.3	49.4	62	43	40-135	36	48	
Styrene	ug/kg	ND	115	114	71.2	59.8	62	53	40-133	17	48	
tert-Butylbenzene	ug/kg	ND	115	114	75.3	54.6	66	48	40-137	32	45	
Tetrachloroethene	ug/kg	ND	115	114	83.8	71.8	73	63	40-128	15	44	
Toluene	ug/kg	ND	115	114	83.3	75.5	73	66	40-143	10	39	
trans-1,2-Dichloroethene	ug/kg	ND	115	114	97.2	90.7	85	80	40-140	7	35	
trans-1,3-Dichloropropene	ug/kg	ND	115	114	89.2	79.3	78	70	40-144	12	46	
Trichloroethene	ug/kg	ND	115	114	92.5	84.4	81	74	40-139	9	37	
Trichlorofluoromethane	ug/kg	ND	115	114	114	115	99	101	40-137	2	34	
Vinyl chloride	ug/kg	ND	115	114	119	123	104	108	40-150	3	32	
Xylene (Total)	ug/kg	ND	344	342	231	192	67	56	40-147	19	40	
1,2-Dichloroethane-d4 (S)	%						104	109	73-135			
4-Bromofluorobenzene (S)	%						100	102	78-125			
Dibromofluoromethane (S)	%						96	110	78-122			
Toluene-d8 (S)	%						100	101	80-123			

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Lenexa, KS 66219
(913)599-5665

QUALITY CONTROL DATA

Project: Sylvan Grove, KS
Pace Project No.: 60126014

QC Batch: PMST/7550
Analysis Method: ASTM D2974
QC Batch Method: ASTM D2974
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 60126014001, 60126014002

METHOD BLANK: 1039395
Matrix: Solid
Associated Lab Samples: 60126014001, 60126014002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Percent Moisture	%	ND	0.50	08/03/12 00:00	

SAMPLE DUPLICATE: 1039396

Parameter	Units	60125857008 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	24.6	26.4	7	20	

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QUALIFIERS

Project: Sylvan Grove, KS
Pace Project No.: 60126014

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

D6	The relative percent difference (RPD) between the sample and sample duplicate exceeded laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Sylvan Grove, KS
Pace Project No.: 60126014

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
60126014001	**SYIDW1-S-33956**	EPA 8260	MSV/47484		
60126014002	**SYIDW2-S-33957**	EPA 8260	MSV/47484		
60126014001	**SYIDW1-S-33956**	ASTM D2974	PMST/7550		
60126014002	**SYIDW2-S-33957**	ASTM D2974	PMST/7550		

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Section A Required Client Information:

Company:	TCW CONSTRUCTION
Address:	141 M Street
	Lincoln, NE 68508
Email To:	tkamler@tcwconstruction.com
Phone: 402-416-7255	Fax:
Requested Due Date/TAT:	

Section B Required Project Information:

Report To:	tkamler@tcwconstruction.com
Copy To:	surgnier@prodigy.net
Purchase Order No.:	
Project Name:	Sylvan Grove, KS
Project Number:	

Section C Invoice Information:

Attention:	Travis Kamler
Company Name:	TCW Construction
Address:	141 M Street Lincoln, NE 68508
Pace Quote Reference:	
Pace Project Manager:	Trudy Gipson
Pace Profile #:	

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☐ OTHER _____

Site Location STATE: KS

Section D Required Client Information

Valid Matrix Codes

MATRIX	CODE
DRINKING WATER	DW
WATER	WT
WASTE WATER	WW
PRODUCT	P
SOIL/SOLID	SL
OIL	OL
WIPE	WP
AIR	AR
OTHER	OT
TISSUE	TS

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED Composite Start Date	Composite Start Time	Composite End/Grab Date	Composite End/Grab Time	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test (Y/N): TOTAL VOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SYIDW1-S-33956	SL	C	7/10/12	8:00	07/26/12	16:00		1	1	-	-	-	-	-	-	-	1		60126014 (01)
2	SYIDW2-S-33957	SL	C	7/10/12	8:00	07/26/12	16:00		1	1	-	-	-	-	-	-	-	1		02
3																				
4	COMPOSITE SOIL SAMPLES OF																			
5	MONITORING WELL CUTTINGS FROM																			
6	DRILL RIG STORED ONSITE																			
7	IN 55 GALLON DRUMS																			
8																				
9																				
10																				
11																				
12																				

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Travis Kamler / TCW			Trudy Gipson / Pace	7/27/12	0825	1.6	Y	Y	Y

SAMPLER NAME AND SIGNATURE			Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
PRINT Name of SAMPLER:	Travis Kamler					
SIGNATURE of SAMPLER:		DATE Signed (MM/DD/YY): 07/26/12				

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-Feb-2007

Sample Condition Upon Receipt

Pace Analytical
www.pacelabs.com

Client Name: TCW Const. Project # 60126014

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☐ Pace ☐ Other _____
Tracking #: 8993 7106 5510 Pace Shipping Label Used? ☐ Yes ☒ No

Optional	
Proj. Due Date:	8/8
Proj. Name:	

Custody Seal on Cooler/Box Present: ☒ Yes ☐ No Seals intact: ☒ Yes ☐ No

Packing Material: ☒ Bubble Wrap ☐ Bubble Bags ☐ Foam ☐ None ☐ Other _____

Thermometer Used: T-197 / T-194 Type of Ice: Wet Blue None ☐ Samples on ice, cooling process has begun

Cooler Temperature: 1.6
Temperature should be above freezing to 6°C

Date and Initials of person examining contents: JM 7/27/12 1140

		Comments:
Chain of Custody present:	☑ Yes ☐ No ☐ N/A	1.
Chain of Custody filled out:	☑ Yes ☐ No ☐ N/A	2.
Chain of Custody relinquished:	☑ Yes ☐ No ☐ N/A	3.
Sampler name & signature on COC:	☑ Yes ☐ No ☐ N/A	4.
Samples arrived within holding time:	☑ Yes ☐ No ☐ N/A	5.
Short Hold Time analyses (<72hr):	☐ Yes ☑ No ☐ N/A	6.
Rush Turn Around Time requested:	☐ Yes ☑ No ☐ N/A	7.
Sufficient volume:	☑ Yes ☐ No ☐ N/A	8.
Correct containers used:	☑ Yes ☐ No ☐ N/A	9.
-Pace containers used:	☑ Yes ☐ No ☐ N/A	
Containers intact:	☑ Yes ☐ No ☐ N/A	10.
Unpreserved 5035A soils frozen w/in 48hrs?	☐ Yes ☐ No ☑ N/A	11.
Filtered volume received for dissolved tests	☐ Yes ☐ No ☑ N/A	12.
Sample labels match COC:	☑ Yes ☐ No ☐ N/A	13.
-Includes date/time/ID/analyses Matrix: Soils		
All containers needing preservation have been checked.	☐ Yes ☐ No ☑ N/A	14.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐ Yes ☐ No ☑ N/A	
Exceptions: VOA, coliform, TOC, O&G, WI-DRO (water), Phenolics	☑ Yes ☐ No	Initial when completed N/A Lot # of added preservative _____
Trip Blank present:	☐ Yes ☐ No ☑ N/A	15.
Pace Trip Blank lot # (if purchased): N/A		
Headspace in VOA vials (>6mm):	☐ Yes ☐ No ☑ N/A	16.
Project sampled in USDA Regulated Area:	☐ Yes ☐ No ☑ N/A	17. List State: _____

Client Notification/ Resolution: Copy COC to Client? Y / (N) Field Data Required? Y / N

Person Contacted: _____ Date/Time: _____

Comments/ Resolution: _____

Project Manager Review: AMS Date: 7-30-12

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

F-KS-C-003-Rev 05, 19February2010

SYLVAN GROVE – waters

Date Analyzed: 07/27/2012 (A)

	$CHCl_3$ (ppb)	CCl_4 (ppb)
LAB STD (20 ppb)	20	20
LAB BLANK	ND	ND
SY-IDW-W-33954	ND	ND
SY-WNORTH-W-33953	ND	ND
SY-WNORTH-W-33953 DUPL	ND	ND
SY-QCTB-W-33955	ND	ND

ND = Not Detected (< 1 ppb for water; <10 µg/kg for soil).
* Dilution are required for these samples. Outside calibration range.
Data calculated using fluorobenzene as internal standard.
L = Calibration check less than ± 20%
S = Spike recoveries for samples were outside control limits (± 20%).
a Internal standard not added.
B Sample Integrity was lost. Bubble in sample vial.; L Sample lost.
t outside holding time.
? not supported by MS data.

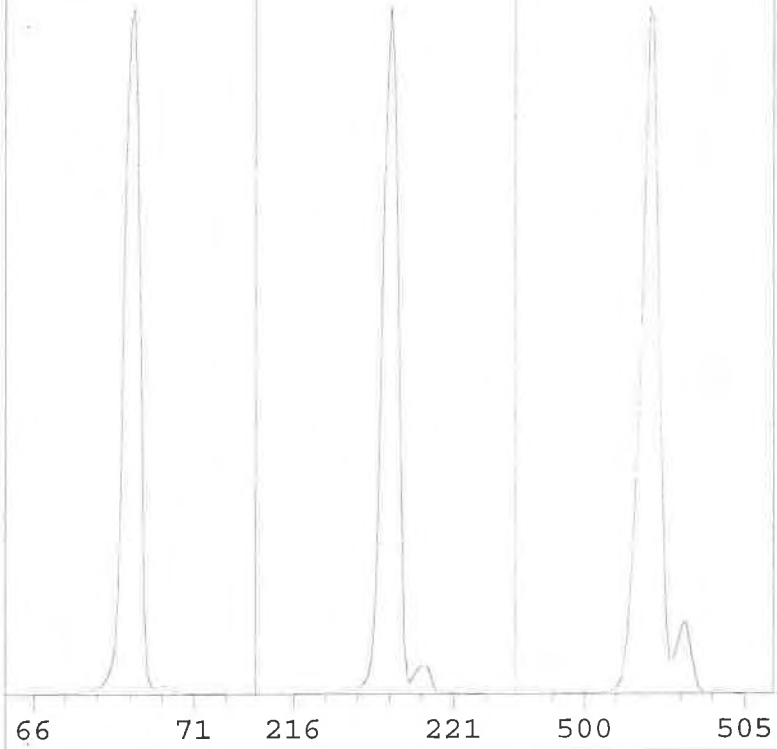
	Cn-ext-cal	std area	Area	% recovery	dil. factor	Conc. int std	
LAB BLANK	0		0	#DIV/0!	1	0	
	0		0	#DIV/0!	1	0	
		490306	490306	1	1		
		152610	152610	1	1		
		168789	168789	1	1		
LAB STD (20 ppb)	16.08		1195700	#DIV/0!	1	20	0.55903926
	17.64		1063336	#DIV/0!	1	20	0.49715361
		490306	534712	1.09056793			
		152610	177149	1.16079549			
		168789	177981	1.05445853			
SY-IDW-W-33954	0		0	#DIV/0!	1	0	
	0		0	#DIV/0!	1	0	
		490306	481228	0.98148503			
		152610	159941	1.04803748			
		168789	170217	1.00846027			
SY-WNORTH-W-33953	0		0	#VALUE!	1	0	
	0		0	#VALUE!	1	0	
		490306	518509	1.05752122			
		152610	174515	1.14353581			
		168789	196718	1.16546694			
SY-WNORTH-W-33953 DUPL	0		0	#DIV/0!	1	0	
	0		0	#DIV/0!	1	0	
		490306	489100	0.99754031			
		152610	164380	1.0771247			
		168789	190846	1.13067795			
SY-QCTB-W-33955	0		0	#DIV/0!	1	0	
	0		0	#VALUE!	1	0	
		490306	481935	0.98292699			
		152610	161369	1.05739467			
		168789	181426	1.07486862			

HP5972 Maximum Sensitivity Autotune

Instrument: GC/MS Instrument #1

Fri Jul 27 08:08:04 2012 C:\HPCHEM\1\5972\ATUNE.U

Mass	69.10	Mass	219.00	Mass	502.00
Ab	381499	Ab	260574	Ab	25069
Pw50	0.55	Pw50	0.56	Pw50	0.57

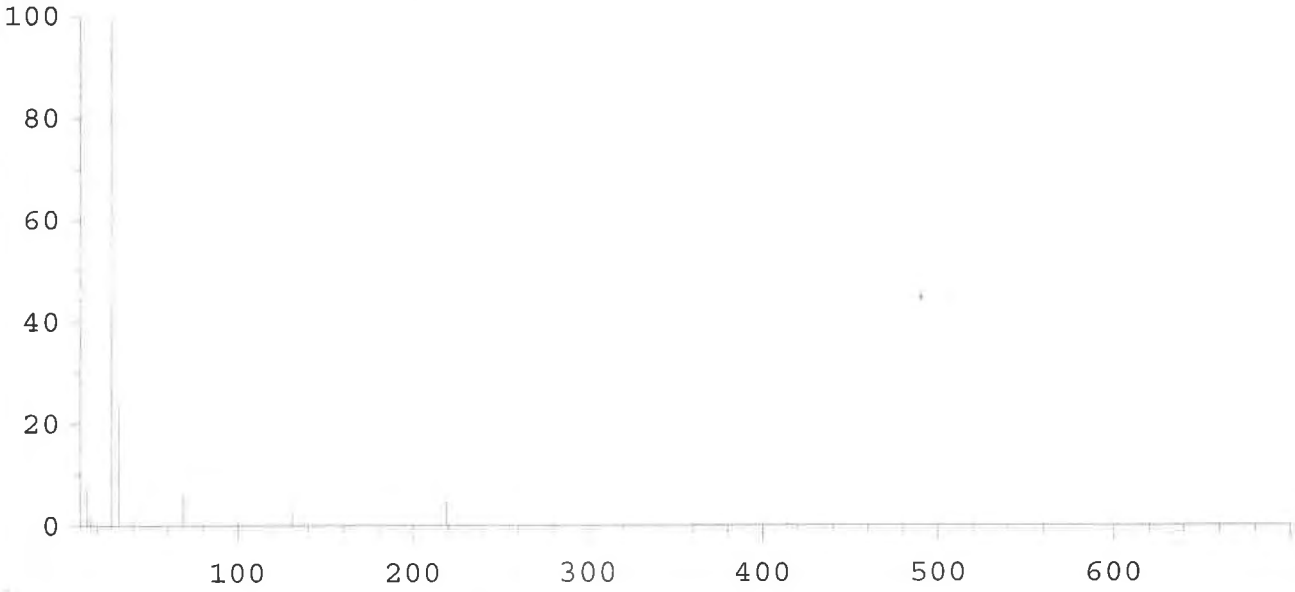


EMVolts	3000	AmuGain	470
Xray	64.1	AmuOffs	63
Emission	35.0	Wid219	-0.131
MS Temp	152	TTI	OFF
Vacuum	40	DC Pol	NEG
Samples	8	Repeller	29.74
Averages	3	IonFocus	72.0
StepSize	0.10	EntLens	9.04
MassGain	-46	EntOffs	13.30
MassOffs	6	Filament	1

PFTBA OPEN

Scan: 10.00 - 700.00 Samples: 8 Thresh: 100

109 peaks Base: 28.15 Abundance: 5197312



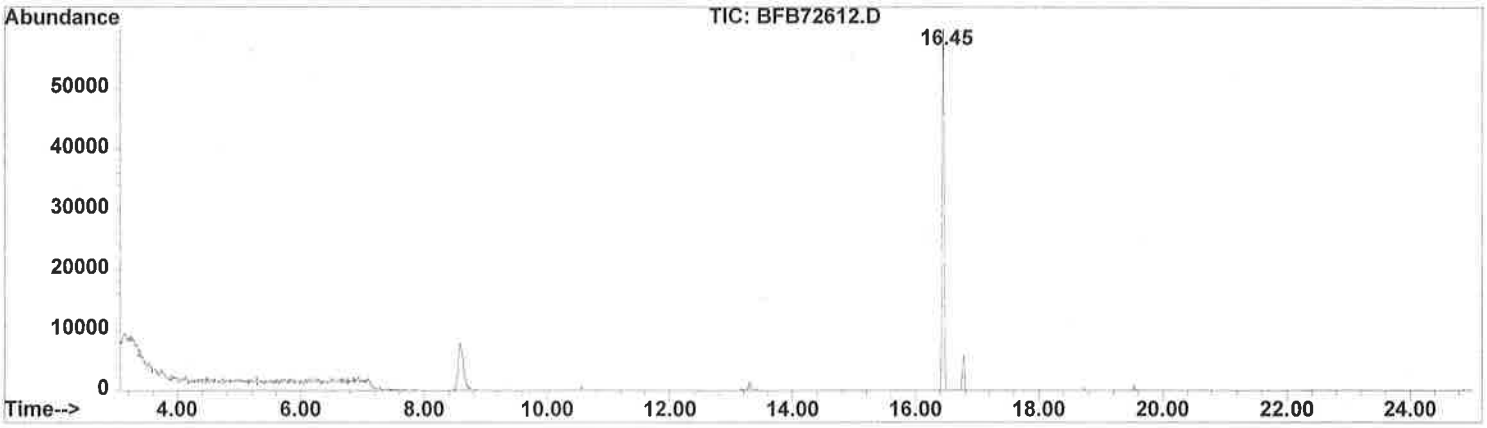
Mass	Abund	Rel Abund	Iso Mass	Iso Abund	Iso Ratio
69.00	350336	100.00	0.00	0	0.00
219.00	233984	66.79	220.00	10447	4.46
502.00	21824	6.23	503.00	2163	9.91

Average of 16.434 to 16.456 min.: BFB72612.D
BFB

m/z	abund.	m/z	abund.	m/z	abund.	m/z	abund.
50.05	2583	73.05	547	95.05	9050		
51.05	735	74.05	1782	96.05	594		
56.05	197	75.10	5644	142.95	55		
57.05	361	76.10	466	174.00	8795		
59.90	63	78.95	350	174.95	771		
61.00	503	80.95	295	175.95	8741		
62.15	511	87.00	372	176.95	578		
63.05	453	87.95	237				
65.10	67	92.05	210				
68.05	1217	93.05	362				
69.10	1004	94.05	1210				

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\BFB72612.D
Operator : CMR
Acquired : 27 Jul 2012 8:15 am using AcqMethod CAL40
Sample Name: BFB
Misc Info :
Vial Number: 6
CurrentMeth: C:\HPCHEM\1\METHODS\CAL40.M



Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
16.451	1218437	100.000	100.000

Information from Data File:
File : C:\HPCHEM\1\DATA\BFB72612.D
Operator : CMR
Acquired : 27 Jul 2012 8:15 am using AcqMethod CAL40
Sample Name: BFB
Misc Info :
Vial Number: 6

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

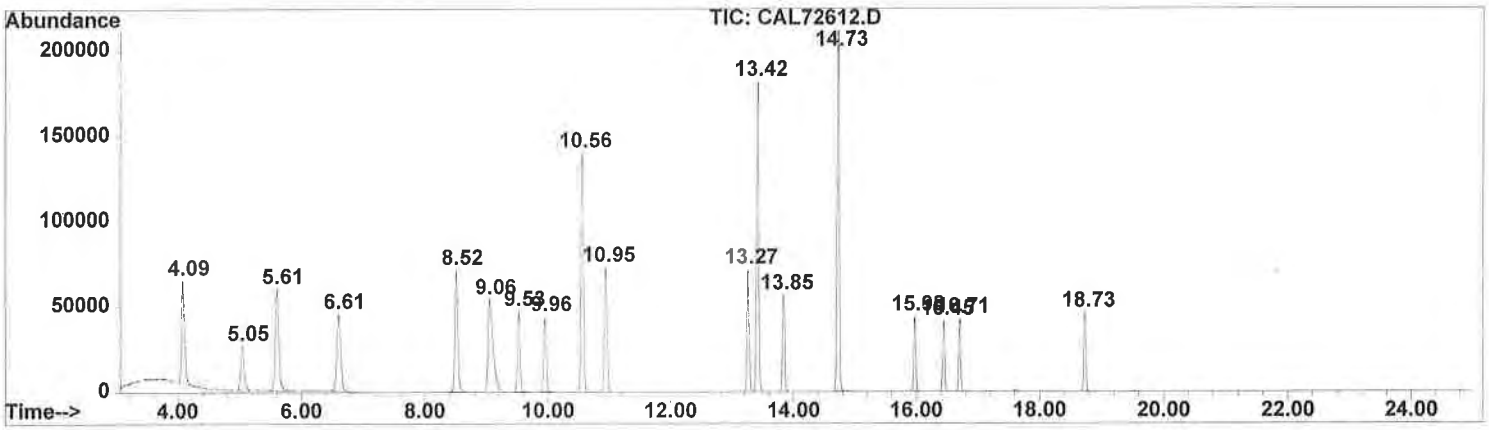
Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	16.46	100.00	C:\DATABASE\NBS75K.L			
			Benzene, 1-bromo-3-fluoro-	16034	001073-06-9	94
			Benzene, 1-bromo-2-fluoro-	16035	001072-85-1	94
			Benzene, 1-bromo-2-fluoro-	68408	001072-85-1	94

Operator CMR
Number of Compounds 20.
Vial Number 6
Sample Name BFB
Data File Name BFB72612.D
Date Acquired 07/27/20 -1:8:

#	Name	Ret Time	Signal	Amount	Target Response	
1)	1,2-dichloroethene	0.00	63	0.00	0	
2)	Methylene Chloride	0.00	84	0.00	0	
3)	1,2-dichloroethene	0.00	62	0.00	0	
4)	1,1-dichloroethane	0.00	63	0.00	0	
5)	Chloroform	0.00	83	0.00	0	
6)	Carbon Tetrachloride	0.00	117	0.00	0	
7)	Benzene	0.00	78	0.00	0	
8)	1,2-dichloroethane	0.00	62	0.00	0	
9)	Fluorobenzene	0.00	96	0.00	0	Internal Std
10)	Trichloroethylene	0.00	97	0.00	0	
11)	1,2-dichloropropane	0.00	63	0.00	0	
12)	Toluene	0.00	91	0.00	0	
13)	1,1,2-trichloroethane	0.00	83	0.00	0	
14)	Tetrachloroethylene	0.00	164	0.00	0	
15)	Dibromochloromethane	0.00	129	0.00	0	
16)	1, 2-Dibromoethane	0.00	107	0.00	0	
17)	Chlorobenzene	0.00	112	0.00	0	
18)	p-Bromofluorobenzene	16.45	95	6.09	240260	Internal Std
19)	1,1,2,2-tetrachloroethane	0.00	83	0.00	0	
20)	Dichlorobenzene-d4	0.00	152	0.00	0	Internal Std

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\CAL72612.D
Operator : CMR
Acquired : 27 Jul 2012 8:49 am using AcqMethod CAL40
Sample Name: CAL CHECK
Misc Info :
Vial Number: 6
CurrentMeth: C:\HPCHEM\1\METHODS\CAL40.M



Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
4.089	2067464	5.634	43.826
5.047	1000879	2.727	21.216
5.607	2243487	6.113	47.557
6.607	1925191	5.246	40.810
8.516	2261226	6.162	47.933
9.063	2997831	8.169	63.548
9.531	1338652	3.648	28.377
9.958	1157866	3.155	24.544
10.562	3713410	10.119	78.716
10.945	2033916	5.542	43.115
13.269	1654297	4.508	35.068
13.421	4408230	12.012	93.445
13.846	1415950	3.858	30.015
14.728	4717462	12.855	100.000
15.979	981769	2.675	20.811
16.453	881510	2.402	18.686
16.709	899821	2.452	19.074
18.733	998670	2.721	21.170

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\CAL72612.D
Operator : CMR
Acquired : 27 Jul 2012 8:49 am using AcqMethod CAL40
Sample Name: CAL CHECK
Misc Info :
Vial Number: 6
CurrentMeth: C:\HPCHEM\1\METHODS\CAL40.M

Retention Time	Area	Area %	Ratio %

Information from Data File:
File : C:\HPCHEM\1\DATA\CAL72612.D
Operator : CMR
Acquired : 27 Jul 2012 8:49 am using AcqMethod CAL40
Sample Name: CAL CHECK
Misc Info :
Vial Number: 6

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	4.09	5.63	C:\DATABASE\NBS75K.L			
			Ethene, 1,1-dichloro-	1053	000075-35-4	91
			Ethene, 1,2-dichloro-, (Z)-	1054	000156-59-2	91
			Ethene, 1,2-dichloro-, (E)-	63097	000156-60-5	91
2	5.04	2.73	C:\DATABASE\NBS75K.L			
			Methylene Chloride	62704	000075-09-2	83
			Methylene Chloride	62705	000075-09-2	83
			Methylene Chloride	524	000075-09-2	83
3	5.60	6.11	C:\DATABASE\NBS75K.L			
			Ethene, 1,2-dichloro-, (E)-	63095	000156-60-5	91
			Ethene, 1,2-dichloro-, (E)-	63097	000156-60-5	91
			Ethene, 1,2-dichloro-, (E)-	63098	000156-60-5	91
4	6.61	5.25	C:\DATABASE\NBS75K.L			
			Ethane, 1,1-dichloro-	63162	000075-34-3	90
			Ethane, 1,1-dichloro-	63163	000075-34-3	83
			Phosgene	63158	000075-44-5	64
5	8.52	6.16	C:\DATABASE\NBS75K.L			
			Chloroform	64409	000067-66-3	42
			Chloroform	3439	000067-66-3	42
			Acetyl chloride, dichloro-	8693	000079-36-7	9
6	9.07	8.17	C:\DATABASE\NBS75K.L			
			Carbon Tetrachloride	66871	000056-23-5	83
			Carbon Tetrachloride	66870	000056-23-5	83
			Carbon Tetrachloride	10047	000056-23-5	83
7	9.53	3.65	C:\DATABASE\NBS75K.L			
			Ethane, 1,2-dichloro-	1186	000107-06-2	74
			Ethane, 1,2-dichloro-	63161	000107-06-2	43
			Ethene, chloro-	62370	000075-01-4	9
8	9.95	3.16	C:\DATABASE\NBS75K.L			
			Benzene, fluoro-	63110	000462-06-6	91
			Benzene, fluoro-	1083	000462-06-6	91
			Benzene, fluoro-	63109	000462-06-6	91
9	10.56	10.12	C:\DATABASE\NBS75K.L			
			Trichloroethylene	65176	000079-01-6	97
			Trichloroethylene	5300	000079-01-6	96
			Trichloroethylene	65175	000079-01-6	91

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
10	10.94	5.54	C:\DATABASE\NBS75K.L			
			Propane, 1,2-dichloro-	63915	000078-87-5	94
			Propane, 1,2-dichloro-	63914	000078-87-5	91
			Propane, 1,2-dichloro-	2456	000078-87-5	90
11	13.27	4.51	C:\DATABASE\NBS75K.L			
			Ethane, 1,1,2-trichloro-	5677	000079-00-5	98
			Ethane, 1,1,2-trichloro-	65355	000079-00-5	76
			Ethane, 1,1,2-trichloro-	65356	000079-00-5	76
12	13.42	12.01	C:\DATABASE\NBS75K.L			
			Tetrachloroethylene	67758	000127-18-4	97
			Tetrachloroethylene	13222	000127-18-4	97
			Tetrachloroethylene	67757	000127-18-4	96
13	13.85	3.86	C:\DATABASE\NBS75K.L			
			Methane, dibromochloro-	69992	000124-48-1	97
			Methane, dibromochloro-	24133	000124-48-1	91
			Methane, dibromochloro-	69991	000124-48-1	87
14	14.72	12.85	C:\DATABASE\NBS75K.L			
			Benzene, chloro-	63933	000108-90-7	97
			Benzene, chloro-	63935	000108-90-7	91
			Benzene, chloro-	2491	000108-90-7	90
15	15.98	2.68	C:\DATABASE\NBS75K.L			
			Methane, tribromo-	71422	000075-25-2	95
			Methane, tribromo-	33729	000075-25-2	92
			Acetic acid, dibromo-, methyl este	29811	006482-26-4	9
16	16.45	2.40	C:\DATABASE\NBS75K.L			
			Benzene, 1-bromo-3-fluoro-	16034	001073-06-9	94
			Benzene, 1-bromo-2-fluoro-	16035	001072-85-1	91
			Benzene, 1-bromo-2-fluoro-	68408	001072-85-1	90
17	16.71	2.45	C:\DATABASE\NBS75K.L			
			Ethane, 1,1,2,2-tetrachloro-	13774	000079-34-5	91
			Ethane, 1,1,2,2-tetrachloro-	67918	000079-34-5	90
			Ethane, 1,1,2,2-tetrachloro-	67919	000079-34-5	81
18	18.73	2.72	C:\DATABASE\NBS75K.L			
			Benzene-1,2,3,4-d4-, 5,6-dichloro-	9592	002199-69-1	91
			1,4-Dichlorobenzene-d4	9593	003855-82-1	86
			Acenaphthylene	67013	000208-96-8	9

Operator CMR
Number of Compounds 20.
Vial Number 6
Sample Name CAL CHECK
Data File Name CAL72612.D
Date Acquired 07/27/20 -1:8:

#	Name	Ret Time	Signal	Amount	Target Response	
1)	1,2-dichloroethene	4.09	63	49.87	251607	
2)	Methylene Chloride	5.05	84	17.88	444784	
3)	1,2-dichloroethene	5.61	62	0.00	92340	
4)	1,1-dichloroethane	6.61	63	18.45	998391	
5)	Chloroform	8.52	83	16.08	1195700	
6)	Carbon Tetrachloride	9.06	117	17.64	1063336	
7)	Benzene	0.00	78	0.00	0	
8)	1,2-dichloroethane	9.53	62	14.98	753924	
9)	Fluorobenzene	9.96	96	5.10	534712	Internal Std
10)	Trichloroethylene	10.56	97	16.21	408188	
11)	1,2-dichloropropane	10.94	63	14.43	520265	
12)	Toluene	0.00	91	0.00	0	
13)	1,1,2-trichloroethane	13.27	83	13.53	260609	
14)	Tetrachloroethylene	13.42	164	17.79	646763	
15)	Dibromochloromethane	13.85	129	14.74	498336	
16)	1, 2-Dibromoethane	0.00	107	0.00	0	
17)	Chlorobenzene	14.73	112	14.72	1456711	
18)	p-Bromofluorobenzene	16.45	95	4.87	177149	Internal Std
19)	1,1,2,2-tetrachloroethane	16.71	83	11.50	273013	
20)	Dichlorobenzene-d4	18.74	152	4.93	177981	Internal Std

Simulate Run Sequence Fri Jul 27 09:57:09 2012

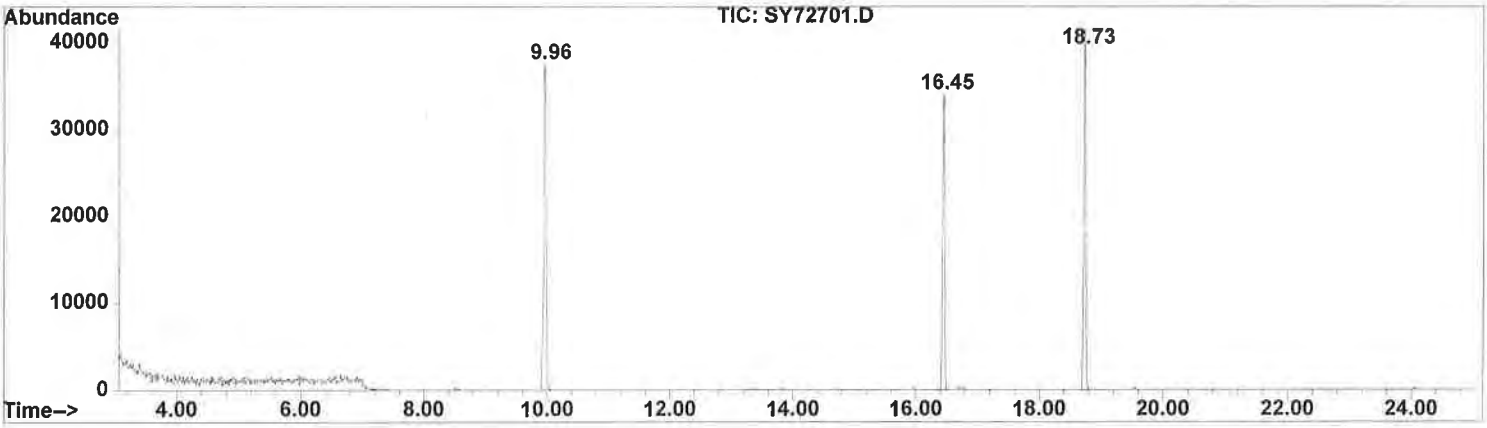
Instrument Name: GC/MS Instrument #1
Sequence File: C:\HPCHEM\1\SEQUENCE\DEFAULT.S
Comment: SYLVAN GROVE
Operator: CMR
Data Path: C:\HPCHEM\1\DATA\SY\
Method Path: C:\HPCHEM\1\METHODS\

Line	Type	Vial	DataFile	Method	Sample Name
1)	Sample	1	SY72701	CAL40	LAB BLANK
2)	Sample	2	SY72702	CAL40	SYIDW-W-33954
3)	Sample	3	SY72703	CAL40	SYWNORTH-W-33953
4)	Sample	4	SY72704	CAL40	SYWNORTH-W-33953 DUPL
5)	Sample	5	SY72705	CAL40	SYQCTB-W-33955

Bytes Needed: 250000 Space on drive C: 33718272
Sequence Verification Done!

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72701.D
Operator : CMR
Acquired : 27 Jul 2012 10:06 am using AcqMethod CAL40
Sample Name: LAB BLANK
Misc Info :
Vial Number: 1
CurrentMeth: C:\HPCHEM\1\METHODS\CAL40.M



Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
9.962	1031736	37.913	100.000
16.455	749609	27.546	72.655
18.734	939993	34.542	91.108

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72701.D
Operator : CMR
Acquired : 27 Jul 2012 10:06 am using AcqMethod CAL40
Sample Name: LAB BLANK
Misc Info :
Vial Number: 1

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

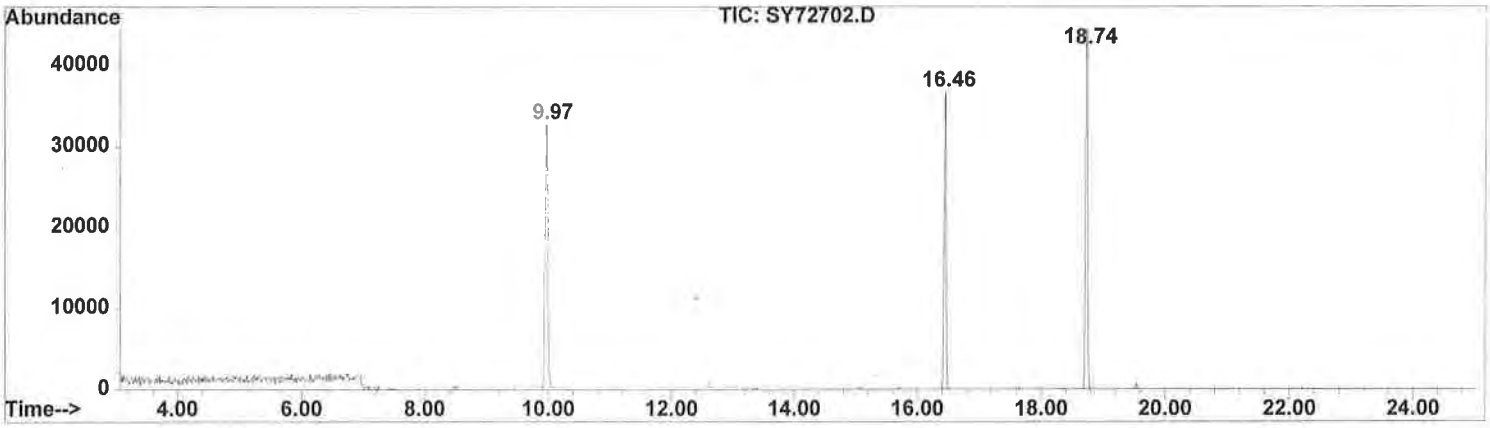
Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	9.97	37.91	C:\DATABASE\NBS75K.L			
			Benzene, fluoro-	1083	000462-06-6	91
			Benzene, fluoro-	63110	000462-06-6	91
			Benzene, fluoro-	63109	000462-06-6	83
2	16.46	27.55	C:\DATABASE\NBS75K.L			
			Benzene, 1-bromo-2-fluoro-	68408	001072-85-1	91
			Benzene, 1-bromo-3-fluoro-	68407	001073-06-9	91
			Benzene, 1-bromo-2-fluoro-	16035	001072-85-1	91
3	18.73	34.54	C:\DATABASE\NBS75K.L			
			Benzene-1,2,3,4-d4-, 5,6-dichloro-	9592	002199-69-1	91
			1,4-Dichlorobenzene-d4	9593	003855-82-1	91
			Benzaldehyde, 2-hydroxy-3-methoxy-	66892	000148-53-8	35

Operator CMR
Number of Compounds 20.
Vial Number 1
Sample Name LAB BLANK
Data File Name SY72701.D
Date Acquired 07/27/20 -1:0:

#	Name	Ret Time	Signal	Amount	Target Response	
1)	1,2-dichloroethene	0.00	63	0.00	0	
2)	Methylene Chloride	0.00	84	0.00	0	
3)	1,2-dichloroethene	0.00	62	0.00	0	
4)	1,1-dichloroethane	0.00	63	0.00	0	
5)	Chloroform	0.00	83	0.00	0	
6)	Carbon Tetrachloride	0.00	117	0.00	0	
7)	Benzene	0.00	78	0.00	0	
8)	1,2-dichloroethane	0.00	62	0.00	0	
9)	Fluorobenzene	9.96	96	4.79	490306	Internal Std
10)	Trichloroethylene	0.00	97	0.00	0	
11)	1,2-dichloropropane	0.00	63	0.00	0	
12)	Toluene	0.00	91	0.00	0	
13)	1,1,2-trichloroethane	0.00	83	0.00	0	
14)	Tetrachloroethylene	0.00	164	0.00	0	
15)	Dibromochloromethane	0.00	129	0.00	0	
16)	1, 2-Dibromoethane	0.00	107	0.00	0	
17)	Chlorobenzene	0.00	112	0.00	0	
18)	p-Bromofluorobenzene	16.45	95	4.39	152610	Internal Std
19)	1,1,2,2-tetrachloroethane	0.00	83	0.00	0	
20)	Dichlorobenzene-d4	18.74	152	4.74	168789	Internal Std

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72702.D
Operator : CMR
Acquired : 27 Jul 2012 10:38 am using AcqMethod CAL40
Sample Name: SYIDW-W-33954
Misc Info :
Vial Number: 2
CurrentMeth: C:\HPCHEM\1\METHODS\CAL40.M



Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
9.969	1014088	37.152	100.000
16.457	774220	28.364	76.346
18.735	941286	34.484	92.821

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72702.D
Operator : CMR
Acquired : 27 Jul 2012 10:38 am using AcqMethod CAL40
Sample Name: SYIDW-W-33954
Misc Info :
Vial Number: 2

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

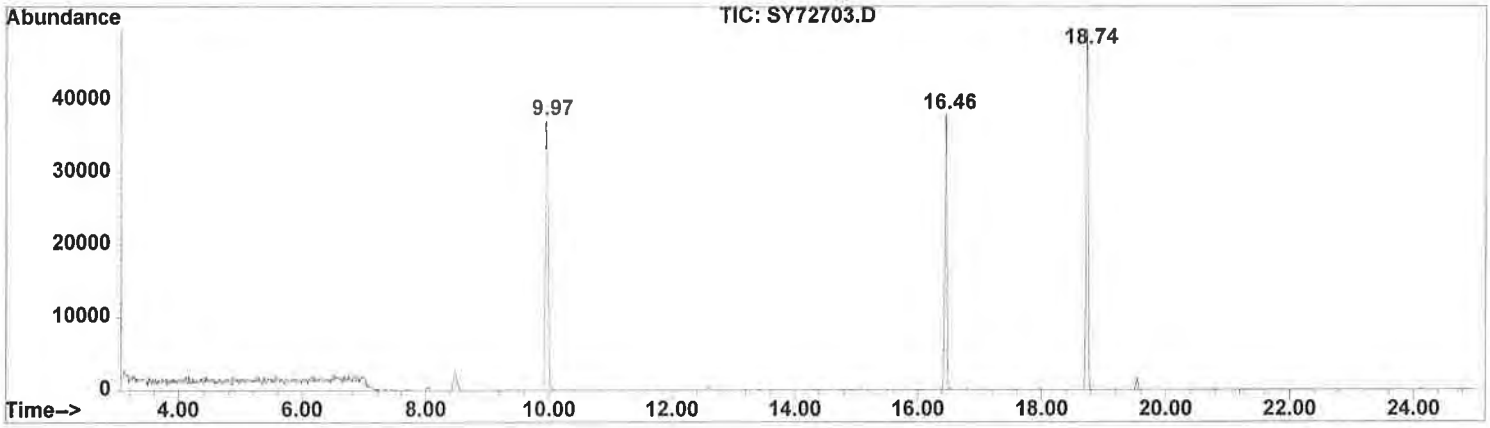
Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	9.97	37.15	C:\DATABASE\NBS75K.L			
			Benzene, fluoro-	63110	000462-06-6	91
			Benzene, fluoro-	1083	000462-06-6	86
			Benzene, fluoro-	63109	000462-06-6	72
2	16.46	28.36	C:\DATABASE\NBS75K.L			
			Benzene, 1-bromo-3-fluoro-	16034	001073-06-9	94
			Benzene, 1-bromo-2-fluoro-	68408	001072-85-1	91
			Benzene, 1-bromo-3-fluoro-	68407	001073-06-9	91
3	18.73	34.48	C:\DATABASE\NBS75K.L			
			Benzene-1,2,3,4-d4-, 5,6-dichloro-	9592	002199-69-1	91
			1,4-Dichlorobenzene-d4	9593	003855-82-1	87
			Benzaldehyde, 2-hydroxy-3-methoxy-	66892	000148-53-8	35

Operator CMR
Number of Compounds 20.
Vial Number 2
Sample Name SYIDW-W-33954
Data File Name SY72702.D
Date Acquired 07/27/20 -1:0:

#	Name	Ret Time	Signal	Amount	Target Response	
1)	1,2-dichloroethene	0.00	63	0.00	0	
2)	Methylene Chloride	0.00	84	0.00	0	
3)	1,2-dichloroethene	0.00	62	0.00	0	
4)	1,1-dichloroethane	0.00	63	0.00	0	
5)	Chloroform	0.00	83	0.00	0	
6)	Carbon Tetrachloride	0.00	117	0.00	0	
7)	Benzene	0.00	78	0.00	0	
8)	1,2-dichloroethane	0.00	62	0.00	0	
9)	Fluorobenzene	9.97	96	4.72	481228	Internal Std
10)	Trichloroethylene	0.00	97	0.00	0	
11)	1,2-dichloropropane	0.00	63	0.00	0	
12)	Toluene	0.00	91	0.00	0	
13)	1,1,2-trichloroethane	0.00	83	0.00	0	
14)	Tetrachloroethylene	0.00	164	0.00	0	
15)	Dibromochloromethane	0.00	129	0.00	0	
16)	1, 2-Dibromoethane	0.00	107	0.00	0	
17)	Chlorobenzene	0.00	112	0.00	0	
18)	p-Bromofluorobenzene	16.46	95	4.53	159941	Internal Std
19)	1,1,2,2-tetrachloroethane	0.00	83	0.00	0	
20)	Dichlorobenzene-d4	18.74	152	4.77	170217	Internal Std

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72703.D
Operator : CMR
Acquired : 27 Jul 2012 11:09 am using AcqMethod CAL40
Sample Name: SYWNORTH-W-33953
Misc Info :
Vial Number: 3
CurrentMeth: C:\HPCHEM\1\METHODS\CAL40.M



Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
9.967	1104067	36.121	100.000
16.456	867774	28.391	78.598
18.736	1084695	35.488	98.245

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72703.D
Operator : CMR
Acquired : 27 Jul 2012 11:09 am using AcqMethod CAL40
Sample Name: SYWNORTH-W-33953
Misc Info :
Vial Number: 3

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

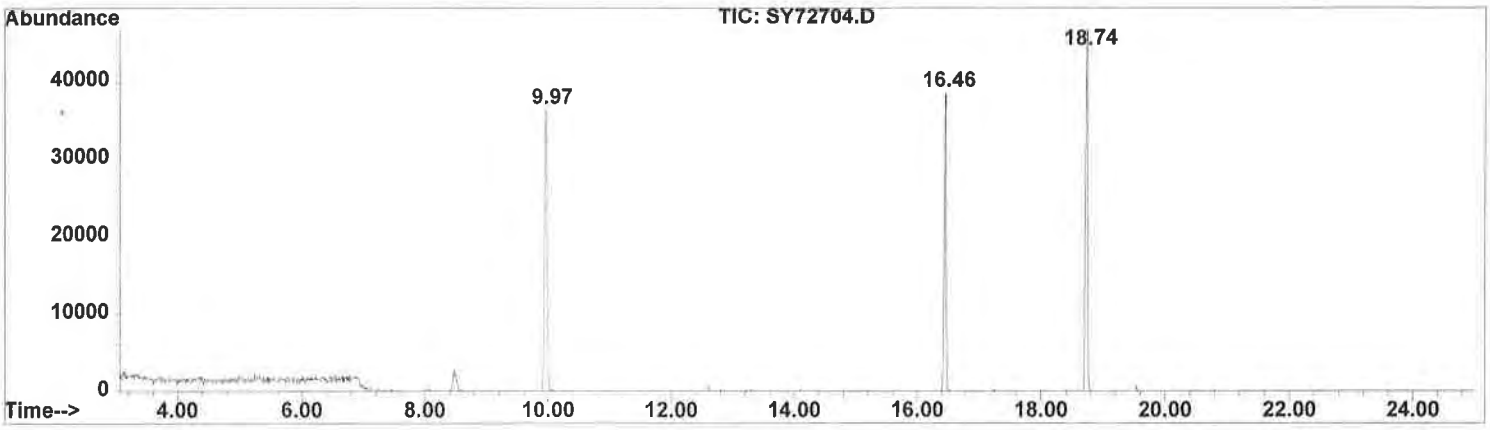
Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	9.97	36.12	C:\DATABASE\NBS75K.L			
			Benzene, fluoro-	1083	000462-06-6	91
			Benzene, fluoro-	63110	000462-06-6	91
			Benzene, fluoro-	63109	000462-06-6	90
2	16.46	28.39	C:\DATABASE\NBS75K.L			
			Benzene, 1-bromo-2-fluoro-	16035	001072-85-1	94
			Benzene, 1-bromo-3-fluoro-	16034	001073-06-9	93
			Benzene, 1-bromo-2-fluoro-	68408	001072-85-1	91
3	18.74	35.49	C:\DATABASE\NBS75K.L			
			1,4-Dichlorobenzene-d4	9593	003855-82-1	96
			Benzene-1,2,3,4-d4-, 5,6-dichloro-	9592	002199-69-1	94
			Benzoic acid, 2,5-dimethyl-	9719	000610-72-0	9

Operator CMR
Number of Compounds 20.
Vial Number 3
Sample Name SYWNORTH-W-33953
Data File Name SY72703.D
Date Acquired 07/27/20 -1:1:

#	Name	Ret Time	Signal	Amount	Target Response	
1)	1,2-dichloroethene	0.00	63	0.00	0	
2)	Methylene Chloride	0.00	84	0.00	0	
3)	1,2-dichloroethene	0.00	62	0.00	0	
4)	1,1-dichloroethane	0.00	63	0.00	0	
5)	Chloroform	0.00	83	0.00	0	
6)	Carbon Tetrachloride	0.00	117	0.00	0	
7)	Benzene	0.00	78	0.00	0	
8)	1,2-dichloroethane	0.00	62	0.00	0	
9)	Fluorobenzene	9.97	96	4.98	518509	Internal Std
10)	Trichloroethylene	0.00	97	0.00	0	
11)	1,2-dichloropropane	0.00	63	0.00	0	
12)	Toluene	0.00	91	0.00	0	
13)	1,1,2-trichloroethane	0.00	83	0.00	0	
14)	Tetrachloroethylene	0.00	164	0.00	0	
15)	Dibromochloromethane	0.00	129	0.00	0	
16)	1, 2-Dibromoethane	0.00	107	0.00	0	
17)	Chlorobenzene	0.00	112	0.00	0	
18)	p-Bromofluorobenzene	16.46	95	4.82	174515	Internal Std
19)	1,1,2,2-tetrachloroethane	0.00	83	0.00	0	
20)	Dichlorobenzene-d4	18.74	152	5.31	196718	Internal Std

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72704.D
Operator : CMR
Acquired : 27 Jul 2012 11:40 am using AcqMethod CAL40
Sample Name: SYWNORTH-W-33953 DUPL
Misc Info :
Vial Number: 4
CurrentMeth: C:\HPCHEM\1\METHODS\CAL40.M



Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
9.966	1036309	35.766	100.000
16.456	840399	29.005	81.095
18.736	1020724	35.229	98.496

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72704.D
Operator : CMR
Acquired : 27 Jul 2012 11:40 am using AcqMethod CAL40
Sample Name: SYWNORTH-W-33953 DUPL
Misc Info :
Vial Number: 4

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

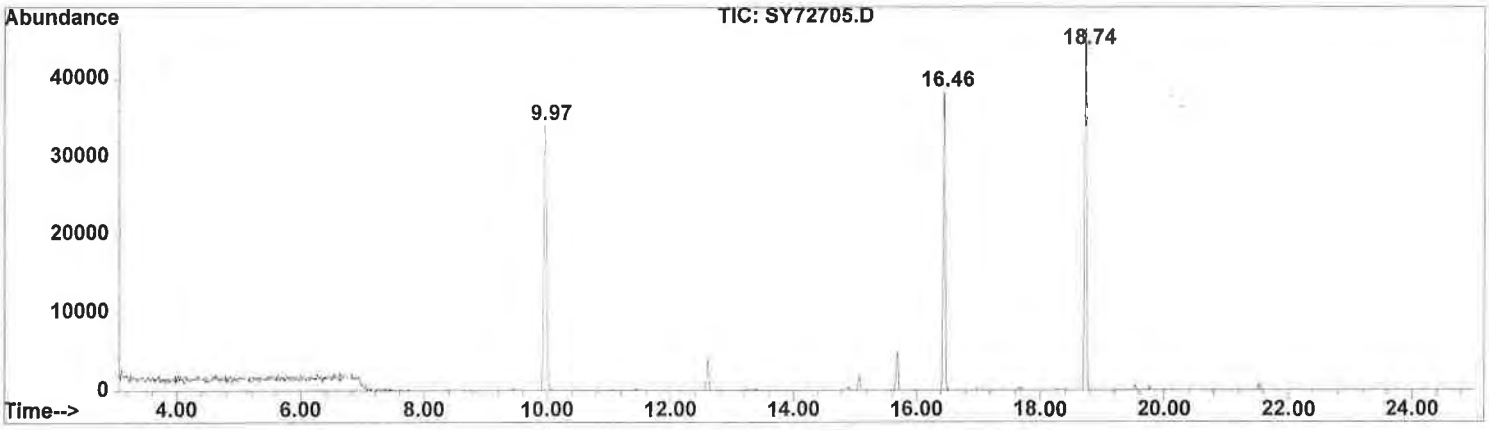
Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	9.97	35.77	C:\DATABASE\NBS75K.L			
			Benzene, fluoro-	1083	000462-06-6	91
			Benzene, fluoro-	63109	000462-06-6	91
			Benzene, fluoro-	63110	000462-06-6	91
2	16.45	29.00	C:\DATABASE\NBS75K.L			
			Benzene, 1-bromo-2-fluoro-	16035	001072-85-1	94
			Benzene, 1-bromo-2-fluoro-	68408	001072-85-1	94
			Benzene, 1-bromo-3-fluoro-	16034	001073-06-9	93
3	18.73	35.23	C:\DATABASE\NBS75K.L			
			1,4-Dichlorobenzene-d4	9593	003855-82-1	96
			Benzene-1,2,3,4-d4-, 5,6-dichloro-	9592	002199-69-1	91
			2H-1-Benzopyran-3-ol, 3,4-dihydro-	9708	021834-60-6	9

Operator CMR
Number of Compounds 20.
Vial Number 4
Sample Name SYWNORTH-W-33953 DUPL
Data File Name SY72704.D
Date Acquired 07/27/20 -1:1:

#	Name	Ret Time	Signal	Amount	Target Response	
1)	1,2-dichloroethene	0.00	63	0.00	0	
2)	Methylene Chloride	0.00	84	0.00	0	
3)	1,2-dichloroethene	0.00	62	0.00	0	
4)	1,1-dichloroethane	0.00	63	0.00	0	
5)	Chloroform	0.00	83	0.00	0	
6)	Carbon Tetrachloride	0.00	117	0.00	0	
7)	Benzene	0.00	78	0.00	0	
8)	1,2-dichloroethane	0.00	62	0.00	0	
9)	Fluorobenzene	9.97	96	4.78	489100	Internal Std
10)	Trichloroethylene	0.00	97	0.00	0	
11)	1,2-dichloropropane	0.00	63	0.00	0	
12)	Toluene	0.00	91	0.00	0	
13)	1,1,2-trichloroethane	0.00	83	0.00	0	
14)	Tetrachloroethylene	0.00	164	0.00	0	
15)	Dibromochloromethane	0.00	129	0.00	0	
16)	1, 2-Dibromoethane	0.00	107	0.00	0	
17)	Chlorobenzene	0.00	112	0.00	0	
18)	p-Bromofluorobenzene	16.46	95	4.62	164380	Internal Std
19)	1,1,2,2-tetrachloroethane	0.00	83	0.00	0	
20)	Dichlorobenzene-d4	18.74	152	5.19	190846	Internal Std

Area Percent Report -- Sorted by Signal

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72705.D
Operator : CMR
Acquired : 27 Jul 2012 12:11 pm using AcqMethod CAL40
Sample Name: SYQCTB-W-33955
Misc Info :
Vial Number: 5
CurrentMeth: C:\HPCHEM\1\METHODS\CAL40.M



Retention Time	Area	Area %	Ratio %
Total Ion Chromatogram			
9.969	1035153	36.503	100.000
16.456	817574	28.830	78.981
18.736	983079	34.667	94.969

Information from Data File:
File : C:\HPCHEM\1\DATA\SY\SY72705.D
Operator : CMR
Acquired : 27 Jul 2012 12:11 pm using AcqMethod CAL40
Sample Name: SYQCTB-W-33955
Misc Info :
Vial Number: 5

Search Libraries: C:\DATABASE\NBS75K.L Minimum Quality: 0

Unknown Spectrum: Apex
Integration Params: AutoIntegrate

Pk#	RT	Area%	Library/ID	Ref#	CAS#	Qual
1	9.97	36.50	C:\DATABASE\NBS75K.L			
			Benzene, fluoro-	1083	000462-06-6	91
			Benzene, fluoro-	63110	000462-06-6	91
			Benzene, fluoro-	63109	000462-06-6	90
2	16.46	28.83	C:\DATABASE\NBS75K.L			
			Benzene, 1-bromo-2-fluoro-	16035	001072-85-1	94
			Benzene, 1-bromo-2-fluoro-	68408	001072-85-1	91
			p-Bromofluorobenzene	16036	000460-00-4	91
3	18.74	34.67	C:\DATABASE\NBS75K.L			
			1,4-Dichlorobenzene-d4	9593	003855-82-1	95
			Benzene-1,2,3,4-d4-, 5,6-dichloro-	9592	002199-69-1	91
			Benzenebutanoic acid, 3-nitro-.gam	28308	006328-00-3	17

Operator CMR
Number of Compounds 20.
Vial Number 5
Sample Name SYQCTB-W-33955
Data File Name SY72705.D
Date Acquired 07/27/20 -1:2:

#	Name	Ret Time	Signal	Amount	Target Response	
1)	1,2-dichloroethene	0.00	63	0.00	0	
2)	Methylene Chloride	0.00	84	0.00	0	
3)	1,2-dichloroethene	0.00	62	0.00	0	
4)	1,1-dichloroethane	0.00	63	0.00	0	
5)	Chloroform	0.00	83	0.00	0	
6)	Carbon Tetrachloride	0.00	117	0.00	0	
7)	Benzene	0.00	78	0.00	0	
8)	1,2-dichloroethane	0.00	62	0.00	0	
9)	Fluorobenzene	9.97	96	4.73	481935	Internal Std
10)	Trichloroethylene	0.00	97	0.00	0	
11)	1,2-dichloropropane	0.00	63	0.00	0	
12)	Toluene	12.61	91	0.00	48891	
13)	1,1,2-trichloroethane	0.00	83	0.00	0	
14)	Tetrachloroethylene	0.00	164	0.00	0	
15)	Dibromochloromethane	0.00	129	0.00	0	
16)	1, 2-Dibromoethane	0.00	107	0.00	0	
17)	Chlorobenzene	0.00	112	0.00	0	
18)	p-Bromofluorobenzene	16.46	95	4.56	161369	Internal Std
19)	1,1,2,2-tetrachloroethane	0.00	83	0.00	0	
20)	Dichlorobenzene-d4	18.74	152	5.00	181426	Internal Std

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