

CAMU 2010/2011 GROUNDWATER MONITORING REPORT

BRC CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) AREA CLARK COUNTY, NEVADA

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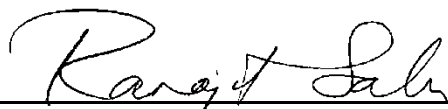
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MARCH 2012

I hereby certify that I am responsible for the services described in this document and for the preparation of this document. The services described in this document have been provided in a manner consistent with the current standards of the profession and to the best of my knowledge comply with all applicable federal, state and local statutes, regulations and ordinances. I hereby certify that all laboratory analytical data was generated by a laboratory certified by the NDEP for each constituent and media presented herein.



March 27, 2012

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ACRONYMS AND ABBREVIATIONS

µg/L	microgram per liter
amsl	above mean sea level
ATL	Advanced Technology Laboratories
BCL	Basic Comparison Level
bgs	below ground surface
BRC	Basic Remediation Company
btoc	below top of casing
CAMU	Corrective Action Management Unit
COC	chain of custody
DBS&A	Daniel B. Stephens & Associates, Inc.
DCA	dichloroethane
DCB	dichlorobenzene
DCM	dichloromethane
DNAPL	dense non-aqueous phase liquid
DVSR	Data Validation Summary Report
ERM	ERM-West, Inc.
FSSOP	Field Sampling and Standard Operating Procedures
ft/ft	foot per foot
GEL	General Engineering Laboratories
LDC	Laboratory Data Consultants, Inc.
MCL	Maximum Contaminant Level
mg/L	milligram per liter
NAPL	non-aqueous phase liquid
NDEP	Nevada Division of Environmental Protection
NERT	Nevada Environmental Response Trust
OCF	organochlorine pesticide
Olin	Olin Chlor Alkali Products
PAH	polynuclear aromatic hydrocarbon
PCB	polychlorinated biphenyl
PCE	tetrachloroethene
pCi/L	picoCuries per liter
Qal	Quaternary alluvium
QAPP	Quality Assurance Project Plan
QC	quality control
SOP	Standard Operating Procedure
SVOC	semivolatile organic compound
TCB	trichlorobenzene
TCP	trichlorophenol
TDS	total dissolved solids
TMB	trimethylbenzene
UMCf	Upper Muddy Creek formation
USEPA	United States Environmental Protection Agency
VOC	volatile organic compound

1.0 INTRODUCTION

Basic Remediation Company (BRC) has prepared this Groundwater Monitoring Report to summarize the data collected during the 2010/2011 baseline groundwater sampling events at the BRC Corrective Action Management Unit (CAMU) in Clark County, Nevada, under the oversight of the Nevada Division of Environmental Protection (NDEP). This monitoring event was performed in accordance with the program specified in *2009 Annual Groundwater Monitoring Report – CAMU Baseline - BRC Corrective Action Management Unit (CAMU) Area, Clark County, Nevada* (“2009 Annual CAMU Monitoring Report”; BRC and ERM-West, Inc. [ERM] 2010a), which was approved by NDEP on March 30, 2010.

The general purpose of the CAMU groundwater monitoring program is to collect groundwater data in the CAMU area, with which the potential for impacts to groundwater quality due to CAMU construction and/or operation can be assessed. This first section summarizes the site conditions and content of the report.

1.1 SITE LOCATION AND DESCRIPTION

The CAMU is located within the boundaries of property owned and operated by BRC, in an area formerly designated as the Clark County Industrial Plant Area (Figure 1-1). The northern CAMU boundary is approximately defined by the northern limit of the closed BMI Landfill. The CAMU is bordered by the following former and present industrial facilities of the BMI Industrial Complex:

- To the north and east – the Nevada Environmental Response Trust (NERT) site (formerly Tronox, successor to Kerr-McGee Chemical LLC); Montrose/Stauffer/Olin Chlor Alkali Products (Olin) and NERT operate off-site groundwater extraction, treatment, and re-injection systems to the north and to the east of the CAMU, respectively. The Montrose/Stauffer/Olin system is partially located on BRC property;
- To the south – by the former Pioneer Chlor-Alkali Company, Inc., facility, now owned by Olin; and
- To the west - additional historical BRC property, recently sold to other entities (Parcel 5/6).

Historical features within the CAMU boundaries include the following:

- The closed BMI Landfill;

- The former Borrow Area (Borrow Pit);
- The former Western Ditch Area and Western Ditch Extension; and
- The former Slit Trench Area.

Chemical manufacturing, storage, handling, distribution, and waste disposal facilities have historically operated south (upgradient) of the CAMU (Figure 1-2). These operations are documented to have resulted in soil and groundwater impacts with volatile organic compounds (VOCs), semivolatile organic compounds (SVOCs), polychlorinated biphenyls (PCBs), dioxins/furans, organic acids, total dissolved solids (TDS), pesticides, perchlorate, and metals. Additional upgradient soil impacts may exist.

Groundwater beneath the CAMU has also been impacted with many of the chemicals detected in upgradient soils and/or groundwater, suggesting that chemicals from upgradient off-site locations have migrated northward and beneath the CAMU Site. However, chemical data associated with deep CAMU soils and groundwater suggest that there may also be some contribution of chemicals from the CAMU area to groundwater.

To reduce the potential for chemical leachate in the CAMU area to migrate to and impact groundwater, BRC has recently covered and capped buried waste in the north and south landfill lobes, and surface liquids were removed from ditches. With NDEP-approval,¹ impacted materials within and around the Western Ditch, Western Ditch Extension, and Slit Trench Area and other unknown wastes in the area (i.e., within the northeast and northwest detention basins and an additional previously unknown ditch) were also excavated and removed to minimize potential impacts to groundwater quality.

The CAMU Conceptual Site Model report prepared in 2007 presents detailed information regarding historical site operations, the results of prior investigations, and site impacts (BRC and Daniel B. Stephens & Associates, Inc. [DBS&A] 2007).

¹ Documents describing the approved excavation and disposal operations include: *Corrective Action Plan* dated September 2006 (approved by NDEP September 25, 2006), *Record of Decision – Remediation of Soil in the Slit Trench Area of the BMI Common Areas* (NDEP issuance September 17, 2007), and *Permit for Hazardous Remediation Waste Management Activity* (issued by NDEP September 24, 2007).

1.2 SITE HYDROGEOLOGY

The CAMU is located on alluvial fan sediments, with a surface that slopes to the north-northeast at a gradient of approximately 0.02 foot per foot (ft/ft) towards the Las Vegas Wash. Regional drainage is generally to the east.

The uppermost strata beneath the CAMU consist of alluvial sands and gravels derived primarily from the volcanic source rocks in the McCullough Range, located to the southwest of the CAMU. These uppermost alluvial sediments were deposited within the last two million years and are of Quaternary age, and are thus mapped and referred to as the Quaternary alluvium (Qal; Carlsen *et al.* 1991). The Qal is typically on the order of 30 to 70 feet thick at the Site with variations due, in part, to the non-uniform contact between the Qal and the underlying Upper Muddy Creek Formation (UMCf). As described in the *Groundwater Monitoring Plan – Corrective Action Management Unit (CAMU) Area* (hereinafter “Baseline Monitoring Plan”; DBS&A 2008), three erosional paleochannels (two major channels and one minor channel) are interpreted as being incised into the UMCf surface in the CAMU area, and increase the local Qal thickness accordingly.

The UMCf underlies the Qal. The Muddy Creek formation, of which the UMCf is the uppermost part, is a lacustrine deposition from the Tertiary Age, and it underlies much of the Las Vegas Valley. It is more than 2,000 feet thick in places. The lithology of the UMCf underlying the CAMU is typically fine-grained (sandy silt and clayey silt), although layers with increased sand content are sporadically encountered. These UMCf materials have typically low permeability, with hydraulic conductivities on the order of 10^{-6} to 10^{-8} centimeters per second (Weston 1993). The UMCf in the CAMU area was encountered at depths ranging from 30 to 70 feet below ground surface (bgs), and extending to the maximum explored depth of 200 feet bgs.

Two distinct, laterally continuous water-bearing zones are present within the upper 400 feet of the Site subsurface:

- (1) An upper, unconfined water-bearing zone (referred to as the Shallow Zone²). The Shallow Zone is typically encountered within the Qal at the CAMU; however, this zone is first encountered within the uppermost UMCf in the eastern portion of the CAMU area. The water surface in the Shallow Zone generally follows topography, with the water surface sloping towards the Las Vegas Wash.

² Note: hydrogeologic and lithologic nomenclature is based on NDEP (2009a).

- (2) A deep, confined water-bearing zone that occurs in a sandier depth interval within the silts of the deeper UMCf (referred to as the Deep Zone).

Between these two distinct water-bearing zones, a series of saturated sand stringers were sporadically and unpredictably encountered during drilling (referred to as the Middle Zone).

As presented in the Baseline Monitoring Plan, structure contours of the UMCf contact have delineated two relatively major paleochannels (one west of the CAMU and one traversing the center of the CAMU) and one relatively minor paleochannel near the northeast corner of the CAMU (Figure 1-2). Although preferred groundwater flow and chemical transport might be expected to be associated with these paleochannels, the Baseline Monitoring Plan concluded that the Shallow Zone groundwater flow pattern for the area did not indicate that these paleochannels affected groundwater flow near the CAMU. However, the Baseline Monitoring Plan indicated that regional isoconcentration contour maps for various Site-related chemicals suggested that off-site sources are impacting the CAMU area from the south in a northerly flow direction consistent with the direction of the paleochannel thalweg (DBS&A 2008).

According to previous groundwater monitoring, the depth from the surface to first groundwater at the Site is approximately 30 to 50 feet bgs. Wells completed in the Shallow Zone are not highly productive, with sustainable flows typically less than 5 gallons per minute.

1.3 REPORT CONTENT AND ORGANIZATION

This report provides tabulated and graphical presentations of groundwater data collected during the four groundwater monitoring events conducted in the CAMU area in 2010 and 2011. Following this introductory section, this report includes the following:

- Section 2 describes the activities during the 2010/2011 groundwater monitoring events, including inspection and depth to water measurements, sample collection, equipment decontamination, management of investigation-derived waste, the analytical procedures, and data review and validation procedures. In addition, groundwater data collected during the 2010/2011 CAMU monitoring events are presented in data tables; those tables also include historical results associated with the wells in the CAMU monitoring program. *[Note that documentation specific to the April 2010, October 2010, and April 2011 monitoring events (i.e., sampling forms and laboratory reports) was provided in the groundwater monitoring reports for those events (BRC and ERM 2010b, 2011a, and 2011b); documentation specific to the October 2011 event is provided in this report.];*

- Section 3 presents the results of the 2010/2011 groundwater monitoring events, as they pertain to groundwater occurrence and flow patterns;
- Section 4 summarizes chemical occurrence in groundwater in the Shallow water-bearing Zone;
- Section 5 summarizes chemical occurrence in groundwater in the Middle water-bearing Zone;
- Section 6 summarizes chemical occurrence in groundwater in the Deep water-bearing Zone;
- Section 7 provides a comparison of chemical occurrence in the three zones;
- Section 8 presents recommendations for the CAMU monitoring program; and
- Section 9 provides a list of references used in the preparation of this report.

Figures and tables summarizing the monitoring well details, scope, and findings of the monitoring event follow the main text. Appendix A presents NDEP comments on the three prior CAMU groundwater monitoring reports (BRC and ERM 2010b, 2011a, and 2011b) and BRC's responses to those comments. Appendix B contains an electronic version of the entire report, as well as original format files (MS Word and MS Excel) of all text and tables. Appendix B also provides the historical project database for the CAMU monitoring program (baseline and ongoing monitoring data in separate database excerpts). Hydrographs and concentration trend graphs (selected constituents) for all the CAMU monitoring wells are presented in Appendices C and D, respectively. In addition, Appendix E provides figures posting reported detections of selected constituents for the 2009, 2010, and 2011 CAMU groundwater monitoring events. These figures are provided for Shallow Zone wells (A-series figures for 2010/2011 monitoring events and B-series figures for 2009 events) and the Middle and Deep Zones (C-series figures).

2.0 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring and sampling procedures were performed as specified in the 2009 Annual CAMU Monitoring Report (BRC and ERM 2010a), augmented by additional specifications in NDEP's March 30, 2010, approval letter, and in accordance with associated project-specific *Field Sampling and Standard Operating Procedures* (FSSOP; BRC, ERM and MWH 2009) and the *BRC Quality Assurance Project Plan* (QAPP; BRC and ERM 2009).

The following sections briefly describe the field procedures and analytical program implemented by BRC contractors during field activities associated with the 2010/2011 groundwater monitoring events.

2.1 CAMU MONITORING WELL NETWORK

Because the intent of this monitoring program is to assess for potential impacts due to CAMU operations, it is appropriate to focus on the uppermost water-bearing zone. If there are no impacts to that zone (the Shallow Zone) from CAMU operations, the threat to the underlying Middle and Deep Zones is negligible. However, to fill data gaps in the Middle and Deep Zone datasets, the Middle and Deep Zone wells are also included in the monitoring program for 2010/2011 baseline groundwater sampling events.

The 2009 Annual CAMU Monitoring Report (BRC and ERM 2010a) specified 21 wells for inclusion in the monitoring program for the 2010/2011 monitoring events. In their March 30, 2010, approval letter, NDEP specified that an additional three wells be included in the program. Therefore, 24 wells are currently included in the monitoring program for the CAMU area, as summarized in Table 2-1 (Tables section) and depicted on Figure 2-1. Construction details for these CAMU area wells are provided in Table 2-2 (Tables section). As seen in Tables 2-1 and 2-2, the majority of the wells (15) are screened in the Shallow Zone. In addition to those Shallow Zone wells, five wells in the monitoring program are screened in the Middle Zone, and four wells are screened in the Deep Zone.

Table 2-3 (Tables section) identifies the monitoring activities that are associated with each well. For 16 of these CAMU area wells (primarily shallow), semiannual monitoring was to be performed by BRC. For the remaining eight wells (Middle and Deep Zone wells), data collected by upgradient Companies as part of separate on-going monitoring programs was to be used to augment BRC's CAMU area data. However, because the analytical suites for those monitoring programs did not always include SVOC analyses, BRC collected additional aliquots for SVOC

analyses from seven of the eight wells being sampled by the upgradient Companies during the April/May 2010 event. BRC collected samples from all 24 CAMU area wells in the subsequent three 2010/2011 monitoring events.

2.2 FIELD MEASUREMENTS

Field measurements, including depth to water, thickness of free product, and depth of well, were performed in accordance with procedures described in the project-specific Standard Operating Procedure (SOP) (*SOP-5 - Water Sampling and Field Measurements*).

During the 2010/2011 groundwater monitoring events, water levels were measured by BRC and the upgradient Companies, as summarized in Table 2-4 below.

TABLE 2-4: SUMMARY OF 2010/2011 WATER LEVEL MEASUREMENTS

Dates Measured	Water Levels Measured by BRC		Water Levels Measured by Upgradient Companies
April 20-May 5, 2010	AA-BW-01A	AA-BW-12A	MC-MW-10
	AA-BW-02A	AA-MW-07	MC-MW-11
	AA-BW-03A	EC-2	MW-8
	AA-BW-04A	H-28	DMC-MW-28
	AA-BW-05A	H-43	MC-MW-30
	AA-BW-06A	M7B	MC-MW-31
	AA-BW-08A	MCF-BW-11A	TR-11
	AA-BW-09A	MC-MW-12	TR-12
October 21-29, 2010	All wells in CAMU monitoring program		None
March 22-31, 2011	All wells in CAMU monitoring program		None
October 18-28, 2011	All wells in CAMU monitoring program		None

Equipment used and the various observations and measurements collected during well purging activities for the 2010/2011 groundwater monitoring events were recorded by the field crews on Monitoring Well Low-Flow Purge/Sampling Forms. Copies of these forms for the October 2011 monitoring event are provided in Appendix C. The purge/sampling forms for the April 2010, October 2010, and April 2011 monitoring events were provided in the groundwater monitoring reports for those events (BRC and ERM 2010b, 2011a, and 2011b).

Water level measurements provide a measure of water potential (hydraulic head) at specific geographic locations and depths beneath the CAMU. The primary purpose for measuring CAMU area water levels in the monitoring wells is to determine horizontal groundwater flow directions

and gradients. These measurements were converted to elevations relative to a standard datum (i.e., mean sea level, which is used for the Site) and posted on a map, and were contoured to prepare potentiometric surface maps, which indicate the direction of groundwater flow. Horizontal gradients are calculated as the difference in groundwater elevations between wells screened in the same monitoring zone divided by the horizontal distance between the wells. The horizontal gradients indicate the horizontal direction of groundwater flow, from higher to lower elevations. The results of the water level measurements collected during the 2010/2011 groundwater monitoring events are discussed in Section 3.1.

2.3 SAMPLE COLLECTION

BRC and upgradient Companies' contractors used the micro-purge and sampling methodology for the 2010/2011 groundwater monitoring events, as established and implemented during monitoring events at the BMI Common Areas (Eastside) Site.

Most of the BRC-owned wells sampled during the monitoring event were equipped with QED[®] Well Wizard (A-system) dedicated bladder pumps for the monitoring and sampling of wells at the Site. QED[®] MP10H high-pressure micro-purge controllers were used during the event. The Well Wizard A-system was installed in the Shallow Zone wells due to their relative shallow well design (less than 100-feet deep). Generally, pump (sample) intakes were installed approximately 1 to 3 feet from the bottom of the wells. Shallow Zone wells without dedicated pumps and Middle Zone wells were monitored and sampled using a QED[®] brand SamplePro portable bladder pump system. Due to the depths involved, Deep Zone wells were purged using a Grundfos pump set to flow rates similar to those for the bladder pumps. The portable (non-dedicated) pump (sample) intakes were generally placed near the mid-point of the screen interval for groundwater monitoring and sampling collection. Non-dedicated pumps were thoroughly decontaminated between wells.

Well purging details and sampling summary data are presented in Appendix C for the October 2011 monitoring event. The purging and sampling data for the April 2010, October 2010, and March 2011 monitoring events were provided in the groundwater monitoring reports for those events (BRC and ERM 2010b, 2011b, and 2011c). Water samples were collected during the four 2010/2011 events on the following dates:

- April/May 2010 event: April 20 to May 12, 2010;
- October 2010 event: October 21 to 29, 2010;

- March 2011 event: March 22 to 31, 2011; and
- October 2011 event: October 18 to 28, 2011.

During a prior sampling event, dense non-aqueous phase liquid (DNAPL) was observed in well AA-BW-08B, a Shallow Zone well screened in the UMCf. Evidence of DNAPL was not observed in this or any of the other wells monitored during other CAMU groundwater monitoring events prior to April/May 2010. However, DNAPL was observed in well MC-MW-12, an upgradient Middle Zone well, during the four 2010/2011 monitoring events.

As presented in the groundwater sampling SOP, the procedure used to measure an oil/water interface is a two-step process. First, the sampler measures the depth to the top of the free product (i.e., in the case of DNAPL, this is the point at which the oil/water interface probe emission changes from an intermittent beep to a solid beep). The sampler feeds the probe through the presumed free product until the probe registers water, as evidenced by a change from the solid beep to an intermittent beep, and then slowly raises the probe until a solid beep is again encountered. The difference between the two readings (depth to non-aqueous phase liquid [NAPL] layer during probe descent and probe ascent) represents the NAPL thickness. In the case of MC-MW-12 (all four 2010/2011 events), the probe emissions did not indicate the presence of water beneath the DNAPL layer. This is consistent with the nature of DNAPL, which is heavier than water. Assuming that the DNAPL layer observed at MC-MW-12 extends from the measured interface to the bottom of the well (124.30 feet below top of casing [btoc]), the following DNAPL thicknesses were calculated for the four 2010/2011 events:

- April/May 2010 event: 14.15 feet (measured interface 110.15 feet btoc);
- October 2010 event: 11.99 feet (measured interface 112.31 feet btoc);
- March 2011 event: 11.01 feet (measured interface 113.29 feet btoc); and
- October 2011 event: 10.95 feet (measured interface 113.35 feet btoc).

The presence of a high TDS layer beneath the DNAPL layer has been reported to cause interferences in NAPL probe measurements. Because of this, the calculated thickness of the DNAPL layer could not be confirmed.

Consistent with their standard practice, the BRC samplers lowered a weighted bailer to the measured DNAPL depth to obtain a sample for observation. In all cases, this DNAPL was dark

brown (“coffee-colored”) with a strong odor. Water in the water column above the DNAPL was generally brown-colored with suspended particles. Two samples were collected from this well during each monitoring event: 1) a water sample collected from approximately 80 to 105 feet btoc from the water column above the DNAPL; and 2) a DNAPL sample collected from approximately 115 feet btoc.

Over the four monitoring events, groundwater purged from most upgradient, downgradient, and cross-gradient shallow and middle wells was noted as having a strong odor. No strong odors were observed over this time period in the four deep wells, but at DMC-MW-28, purged groundwater was consistently noted as containing “fine black” particulate matter.

It should be noted that the upgradient Companies have reported false positive DNAPL readings based on the density of the groundwater relating to TDS concentrations, and have reported fouling of DNAPL probes due to this issue. The upgradient Companies have also reported that the high TDS water has been found to be denser than the site-related DNAPLs. BRC has discussed these issues with the upgradient Companies and has modified the field protocols to address these site-specific issues.

Sampling and field measurement procedures were performed in accordance with the standard sampling and documentation procedures developed for performing water level measurements and monitoring well sampling, well maintenance, general field operations, and instrument calibration, as presented in the BRC FSSOP (BRC, ERM and MWH 2009). Adherence to these procedures promotes consistency in field procedures and comparability of data collected over time.

Field quality control (QC) measures implemented during the 2010/2011 groundwater monitoring events were performed in a manner generally consistent with BRC QAPP requirements and BRC FSSOP. The QC sample frequencies and field QC measures included the following elements, as summarized in Table 2-5, below.

**TABLE 2-5: QUALITY CONTROL PROCEDURES EMPLOYED DURING
2010/2011 CAMU MONITORING EVENTS**

QC Procedure	April/May 2010	October 2010	March 2011	October 2011
Field duplicates (to be collected at a frequency corresponding to ~ 10 percent of the samples [two samples per event])	1 field duplicate collected (MC-MW-11)	2 field duplicates collected (AA-BW-04A; AA-BW-12A)	2 field duplicates collected (AA-BW-04A; AA-BW-12A)	2 field duplicates collected (AA-BW-04A; AA-BW-12A)
Equipment blanks (to be collected at a frequency corresponding to ~ 10 percent of the samples collected using non-dedicated or non-disposable equipment [1 sample per event])	Equipment blank inadvertently omitted	2 Equipment blanks collected	2 Equipment blanks collected	2 Equipment blanks collected
Trip Blanks (to be analyzed at a frequency of one per shipping container containing samples for VOC analysis)	6 trip blanks analyzed	6 trip blanks analyzed	6 trip blanks analyzed	9 trip blanks analyzed
Accurate, detailed field documentation prepared during each sampling event.				
Each sampling event employed proper sample packaging and shipment under chain of custody (COC) procedures.				

2.4 DECONTAMINATION PROCEDURES

Equipment decontamination was performed to minimize the potential for cross contamination between wells or investigation and sampling locations. Decontamination procedures were used for all non-dedicated, non-disposable equipment. BRC SOPs were followed to ensure proper decontamination of sampling equipment.

Decontamination equipment was prepared at each well location for cleaning sampling equipment. Supplies included 5-gallon buckets, bottle brushes, potable water, distilled water, and non-phosphate cleaning solution (Liquinox™/Alconox™).

Prior to and after use at each location, all groundwater sampling equipment was washed in a non-phosphate cleaning solution, rinsed with potable water, and then rinsed twice with distilled water.

Submersible pumps and downhole equipment were cleaned prior to and after use at each location during groundwater sampling activities as described above. Decontamination water was transferred into secured and properly labeled Department of Transportation-approved 55-gallon steel drums located on site at a centralized collection area.

2.5 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

During the 2010/2011 groundwater monitoring events, all purge and decontamination water resulting from groundwater sampling was temporarily contained on site in 55-gallon drums. All drums were labeled by field personnel to identify contents, date, and source location. BRC has subsequently disposed of these sampling wastes. Information of this disposal has been provided separately to the NDEP.

2.6 ANALYTICAL PROGRAM

Analytical procedures for the 2010/2011 groundwater monitoring events were implemented according to the BRC QAPP. The list of chemicals and analytical methods for the CAMU monitoring events is provided in Table 2-6 (Tables section). The QAPP specifies the project-specific detection and quantitation limits, calibration and calibration verification, and QC procedures and specifications. The QAPP also requires that analyses be performed according to the method-specific SOPs, which have also been revised to be site-specific stand-alone documents. Analytical laboratories performing analyses for the Site have Nevada State certification for the methods performed.

The following sections summarize the groundwater analytical program conducted for the 2010/2011 groundwater monitoring event. Analytical methods used during the program were selected based on data requirements for investigating Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites and for conducting human health and ecological risk assessments, and to provide data to evaluate impacts to groundwater and surface water quality. The analytical methods used are primarily referenced United States Environmental Protection Agency (USEPA)-approved testing procedures. The sampling team followed method-prescribed requirements for sample containers, preservation, and holding times, as summarized

in Table 2-7 (Tables section). Samples were packaged and shipped with proper COC documentation to the analytical laboratories as described in the BRC FSSOP and QAPP.

Groundwater samples from 24 monitoring wells were analyzed for a broad spectrum of chemical analytes and chemical classes during the 2010/2011 groundwater monitoring events. The samples were analyzed for general chemistry parameters, cations/anions, total metals, hexavalent chromium, perchlorate, radionuclides, VOCs, SVOCs, and organochlorine pesticides (OCPs). Analyses were performed as specified in the 2009 Annual CAMU Monitoring Report for the wells sampled by BRC. During the April/May 2010 event, samples collected by the upgradient Companies were also analyzed as specified in the 2009 Annual CAMU Monitoring Report, with the following exceptions:

- Radionuclide analyses were not performed on the Middle and Deep Zone samples collected as part of the monitoring programs for the upgradient Companies.
- The analytical suite associated with the monitoring programs for the upgradient Companies did not include all the metals that were in the BRC analytical suite. Specifically, the following metals were not included: aluminum, antimony, beryllium, boron, hexavalent chromium, cobalt, copper, iron, lithium, manganese, molybdenum, nickel, strontium, thallium, tin, titanium, tungsten, vanadium, and zinc.

For the other three 2010/2011 monitoring events, the full analytical suite was analyzed. Analytical results for the groundwater samples are discussed in Sections 4, 5, and 6 for the Shallow Middle and Deep Zones, respectively.

In addition to the groundwater samples, the MC-MW-12 DNAPL samples were analyzed for VOCs and SVOCs during the 2010/2011 monitoring events. Analytical results for the DNAPL samples are discussed in Section 5.9.

2.7 ANALYTICAL LABORATORIES

Nevada-certified laboratories were utilized during the 2010/2011 groundwater monitoring events as described in Table 2-8, below.

**TABLE 2-8: LABORATORIES USED DURING 2010/2011
CAMU MONITORING EVENTS**

Laboratory Name	Location	Analyses Performed
TestAmerica Laboratories	Arvata, Colorado Earth City, Missouri Irvine, California	Alkalinity, Chlorite, Anions, Ion Balance, TDS, Metals/Hardness, OCPs, VOCs
General Engineering Laboratories (GEL)	Charleston, South Carolina	Perchlorate, SVOCs, Polynuclear Aromatic Hydrocarbons (PAHs), Radionuclides, Radon
Advanced Technology Laboratories (ATL)	Las Vegas, Nevada	Hexavalent Chromium

2.8 QUALITY ASSURANCE/QUALITY CONTROL

Measurement data were consistently assessed and documented to determine whether objectives were met. The review assesses data quality and identifies potential limitations on data use. The data quality review process provides information on overall method performance and data usability. Section A7 of the BRC QAPP defines the basis for assessing the elements of data quality. Laboratory data and data quality review reporting procedures and formats are also addressed in Section A7 of the BRC QAPP.

Quality assurance activities include performing technical systems audits, performance audits, and data validation at the frequency recommended in the BRC QAPP. Field audits are not required, but may be performed in the event significant discrepancies are identified that warrant evaluation of field practices. No field audits were performed during the 2010/2011 groundwater monitoring events.

As discussed in Section 2.3, various types of QC samples were collected to aid in evaluating the analytical data quality, including a field duplicate groundwater sample that was analyzed for the broad suite of analytes included in the CAMU monitoring program. In addition, trip blanks were prepared by the laboratory and were included in each groundwater sample shipment containing VOCs, for analysis of VOCs.

2.9 DATA REVIEW AND VALIDATION

The data generated during the 2010/2011 groundwater monitoring events were subjected to a data review in accordance with the QAPP, SOP-40 (*Data Review/Validation*; FSSOP), USEPA National Functional Guidelines (USEPA, 1999, 2001, 2004, 2005, and 2008), and the NDEP *Supplemental Guidance on Data Validation* (NDEP 2009b,c), *Additional Guidance on Completion of Quality Checks for Cation-Anion Balance* (NDEP 2007), *Cation-Anion Balance – Updated Guidance* (NDEP 2009d), and *Guidance on Qualifying Data due to Blank Contamination* (NDEP 2012a). These guidance documents provided direction for the data review and validation activities conducted for data collected during these events.

All of the data were subjected to a Stage 2B review. Stage 2B data validation consisted of a manual review of all parameters related to sample analysis, including holding times, instrument performance check (as applicable), initial calibration, continuing calibration, blank contamination, laboratory control sample, matrix spike/matrix spike duplicate, surrogates and internal standards (as applicable), and compound identification. In addition to the Stage 2B review, 20 percent of all data collected during the course of the investigation were subject to full Stage 4 data validation. Stage 4 data validation consisted of review of all parameters reviewed as part of the Stage 2B review with additional review of the raw data including chromatograms, log books, quantitation reports, and spectra. Data validation qualifiers and reason codes used during this process are summarized in Table 2-9 (Tables section). Laboratory Data Consultants, Inc. (LDC) was subcontracted to conduct all the data validation. The Data Validation Summary Reports (DVSRs) for data collected by BRC during the 2010/2011 groundwater monitoring events have been prepared and submitted separately as stand-alone reports (ERM 2010, 2011a, 2011b, and 2012). These DVSRs have been approved by NDEP on August 19, 2010, February 14, 2011, July 11, 2011, and February 13, 2012, respectively.

As part of the data review process, BRC in conjunction with the project laboratory evaluated the data per NDEP's Cation-Anion Balance Guidance (NDEP 2011) for cation-anion balances, TDS checks, and TDS and electrical conductivity checks for data generated during the 2010/2011 groundwater monitoring events. The results of these evaluations are presented in Tables 2-10a through 2-10d (Tables section). As seen in those tables, during each monitoring event, certain cation/anion results were rejected on the basis of this evaluation. Rejections were made if the sample failed both the cation-anion balance test and either the TDS check or TDS and electrical conductivity check. At NDEP's request, perchlorate detections are not rejected but qualified as estimated. Perchlorate contributions to the calculation are generally not a significant contributor

to the calculations. Samples are regularly failing the TDS check and TDS and electrical conductivity check. The electrical conductivity values are taken from the field forms and many of the values have been suspect. Routinely, units have not been included on the field forms. When units were not reported in the October 2011 event, ERM has compared EC values to historical EC values for a particular well location. ERM (or should it be BRC here) has been working with the field staff to ensure proper reporting of units for this measurement. However, it is not fully understood why samples are repeatedly failing the TDS checks. With the exception of May 2010 results, the majority of the failures are below the acceptance limits. This indicates that either the measured TDS is low or the calculated TDS based on laboratory data is high. Many of the results barely fail, with many at 0.98, 0.99 and 1.0, just below the acceptance window of $1.0 < \text{ratio} > 1.2$. This may be due to the rounding of results either by the lab or in summing of results for the TDS calculation.

During sample collection, the pH of each sample was measured using field instrumentation and recorded on the field sampling forms. In the water samples collected and analyzed during the 2010/2011 groundwater monitoring events, the ranges of pH measurements collected in the field during each event are summarized in Table 2-11, below.

**TABLE 2-11: SUMMARY OF pH RANGES FOR
2010/2011 MONITORING EVENTS**

Monitoring Event	pH Range of Measurements	
April/May 2010	5.52 (MCF-BW-11A)	7.89 (TR-11)
October 2010	4.59 (MC-MW-11)	8.45 (DCM-MW-28)
March 2011	5.86 (MC-MW-10)	8.94 (DMC-MW-28)
October 2011	6.71 (AA-BW-09A)	8.67 (DMC-MW-28)

Zone-specific pH conditions are discussed in more detail in Sections 4.7, 5.7, and 6.7 (General Water Quality).

Based on the above pH range of results, alkalinity was composed nearly entirely of bicarbonate, therefore the bicarbonate results were used in the balance calculation rather than the hydroxide results.

Based on the evaluation of the dataset, the majority of the data obtained during the 2010/2011 groundwater monitoring events are valid (that is, not rejected) and acceptable for their intended use as summarized in Table 2-12, below.

**TABLE 2-12: PERCENTAGE OF DATA JUDGED
ACCEPTABLE FOR INTENDED USE**

CAMU Monitoring Event	BRC Data	Upgradient Company Data
April/May 2010	99.1 % acceptable	98.9 % acceptable
October 2010	98.9 % acceptable	NA
March 2011	99.0 % acceptable	NA
October 2011	99.5 % acceptable	NA

NA = not applicable; no CAMU samples were collected by upgradient Companies during this event.

All analyses were performed as requested on the COC. No assumptions of data quality were made based on information that was not provided. Some data were qualified based on the data review. All data results qualified with 'J', 'U', or 'UJ' are considered valid and acceptable for their intended use. All data results qualified with 'R' are considered invalid and are rejected for use.

2.10 ANALYTICAL RESULTS

Groundwater analytical results for the 2010/2011 groundwater monitoring events and prior historical sampling events are presented by individual chemical class in Tables 2-13 through 2-20 (wells from all zones included in each table). These results are discussed in the following sections.

3.0 GROUNDWATER OCCURRENCE AND FLOW PATTERNS

General groundwater occurrence and flow patterns for the 2010/2011 groundwater monitoring events are summarized in this section. The monitoring wells included in these monitoring events are presented on Figure 2-1.

3.1 DEPTH TO GROUNDWATER

Groundwater level measurements were collected from 24 wells across the Site during the 2010/2011 groundwater monitoring events. Well-specific measured depths to water and calculated groundwater elevations for historical monitoring events are presented in Table 3-1 (Tables section). Wells DMC-MW-28, MW-8, TR-11, and TR-12 were noted during certain monitoring events as being artesian wells (negative water level entries in Table 3-1). Montrose/Stauffer/Olin consultants calculated negative head using pressure measurements from gauges installed at the well head. There are limitations to the accuracy of these calculated water levels, and water levels associated with these four wells should be considered estimates only.

Groundwater level data associated with the 2010/2011 monitoring events are summarized in Table 3-2 below for each water-bearing zone.

TABLE 3-2: SUMMARY OF GROUNDWATER LEVEL DATA

Event	Range of Depth to Water Measurements (feet btoc)		Range of Groundwater Elevations (feet amsl)	
Shallow Zone				
April/May 2010	32.10 (H-43)	55.73 (EC-2)	1693.14 (AA-BW-04A)	1730.40 (MCF-BW-11A)
October 2010	31.78 (H-43)	55.68 (EC-2)	1693.02 (AA-BW-04A)	1730.76 (MCF-BW-11A)
March 2011	31.81 (H-43)	53.71 (EC-2)	1693.07 (AA-BW-04A)	1730.82 (MCF-BW-11A)
October 2011	31.82 (H-43)	55.75 (EC-2)	1692.98 (AA-BW-04A)	1730.78 (MCF-BW-11A)
Middle Zone				
April/May 2010	27.40 (MC-MW-30)	57.55 (MC-MW-11)	1687.24 (MC-MW-31)	1758.66 (MC-MW-12)
October 2010	27.78 (MC-MW-30)	58.15 (MC-MW-11)	1686.99 (MC-MW-31)	1758.17 (MC-MW-12)
March 2011	27.05 (MC-MW-30)	57.73 (MC-MW-11)	1687.51 (MC-MW-31)	1758.46 (MC-MW-12)
October 2011	27.35 (MC-MW-30)	57.98 (MC-MW-11)	1687.28 (MC-MW-31)	1759.05 (MC-MW-12)

TABLE 3-2: SUMMARY OF GROUNDWATER LEVEL DATA

Event	Range of Depth to Water Measurements (feet btoc)	Range of Groundwater Elevations (feet amsl)
<i>Deep Zone</i>		
April/May 2010	All wells artesian (0 ft btoc) except TR-12	1.00 (TR-12)
October 2010		1.16 (TR-12)
March 2011		1.31 (TR-12)
October 2011		1.78 (TR-12)
		1694.84 (TR-12)
		1694.68 (TR-12)
		1694.53 (TR-12)
		1694.06 (TR-12)

1803.63 (MW-8)

amsl – above mean sea level

Based on this summary, the depth to water and groundwater elevations for all three zones are highest in wells located upgradient of the CAMU and lowest in wells located downgradient. Well hydrographs summarizing historical water level data for the CAMU wells are presented in Appendix C. As seen in these hydrographs water levels remained relatively static for the four 2010/2011 monitoring events.

3.2 GROUNDWATER FLOW DIRECTION

The Shallow Zone measurements are posted and contoured on Figure 3-1 for the four 2010/2011 monitoring events. As seen on this figure, the general Shallow Zone groundwater flow direction in the CAMU area was consistent during the 2010/2011 groundwater monitoring events, as summarized in Table 3-3, below. Middle and Deep Zone measurements are not posted or contoured because well quantity and placement for these zones are not adequate for flow direction and gradient data.

TABLE 3-3: SUMMARY OF INTERPRETED GROUNDWATER FLOW DIRECTION AND GRADIENT DURING 2010/2011 EVENTS

Zone	April/May 2010	October 2010	March 2011	October 2011
<i>Shallow Zone</i>				
Flow Direction	northeast to northwest	northeast to northwest	northeast to northwest	northeast to northwest
Average Gradient	0.013 ft/ft	0.012 ft/ft	0.013 ft/ft	0.012 ft/ft

An estimated groundwater travel time can be estimated using the following formula:

$$\text{Travel time} = \text{Distance (ft)} \div \frac{\text{Hydraulic Conductivity (ft/day)} \times \text{Gradient (ft/ft)}}{\text{Effective Porosity}}$$

Based on the gradients listed above, assuming a distance of 2,000 feet across the CAMU, an average hydraulic conductivity of 1.04 to 69 ft/day ft/day (Kleinfelder 2008), and an assumed effective porosity of 0.30, travel time for groundwater beneath the CAMU ranges from 1.8 years in the central paleochannel area to 121 years outside the paleochannel.

3.3 INTERMEDIATE SAMPLING AND CLEANUP

Table 3-4 below summarizes the vertical gradient details of three pairs of co-located wells in the CAMU area: (1) MC-MW-10 and MW-08; (2) AA-BW-09A and MC-MW-28; and (3) MC-MW-30 and TR-11. In accordance with the USEPA Vertical Hydraulic Gradient calculating guidelines (USEPA 2012), the following equation was used to calculate the vertical hydraulic gradients between these wells pairs.

$$\text{Gradient magnitude} = -\left(\frac{\text{change of head}}{\text{distance}}\right)$$

For these calculations, the groundwater elevations for each well were averaged over the four monitoring events. Gradient magnitude is measured in ft/ft, change of head represents the change in measured water level from the shallow to the deeper well, and distance represents the change in depth of the mid-screen elevation from the shallow to the deeper well.

TABLE 3-4: AVERAGE VERTICAL HYDRAULIC GRADIENTS AT THREE CO-LOCATED WELLS DURING 2010/2011 EVENTS

Well Pairs	Zone	Midscreen Elevation (ft amsl)	April/May 2010 - October 2011			
			Average Groundwater Elevation (ft amsl)	Change in Average Elevation (ft)	Gradient Magnitude (ft/ft)	Gradient Direction between Aquifer Zones
MC-MW-10 MW-08	Middle	1701.21	1747.31	56.32	0.3040	Up
	Deep	1515.95	1803.63			
AA-BW-09A DMC-MW-28	Shallow	1718.59	1714.86	48.17	0.2373	Up
	Deep	1515.62	1763.03			
MC-MW-30 TR-11	Middle	1674.14	1690.84	26.28	0.1465	Up
	Deep	1494.80	1717.12			

As seen in this table, there is an upward gradient between the Middle and Deep Zones, and between the Shallow and Deep Zones. This is consistent with the observations of artesian conditions in most of the Deep Zone wells, which were not observed in the Shallow or Middle

Zone wells. The above calculations also indicate that the magnitude of the vertical gradient decreases to the south.

Shallow and Middle Zone wells in the CAMU program are not situated in close proximity to each other, thus the vertical gradient between those two zones was not calculated in the manner described above. However, the gradient was qualitatively evaluated by comparing water elevations in Middle Zone wells MC-MW-30 and MC-MW-11 to those of Shallow Zone wells AA-BW-05A and AA-BW-12A, respectively. MC-MW-30 is approximately 750 feet downgradient of AA-BW-05A and exhibits an average water elevation that is approximately 7 feet lower than that of AA-BW-05A (approximate gradient of 0.0009 ft/ft). MC-MW-11 is approximately 1,100 feet upgradient of AA-BW-12A and exhibits an average water elevation that is approximately 18 feet higher than that of AA-BW-05A (approximate gradient of 0.016 ft/ft). These comparisons are generally consistent with the hydraulic gradients calculated for the Shallow Zone (0.012 to 0.013 ft/ft), and suggest that the Shallow and Middle Zones may be hydraulically connected.

4.0 CHEMICAL OCCURRENCE IN THE SHALLOW ZONE

A summary of the Shallow Zone groundwater analytical results from the 2010/2011 groundwater monitoring events is presented in Tables 4-1a through 4-1d³ (Tables section). This series of tables presents, for each monitoring event, the compound-specific number of detections, ranges of reporting limits, ranges of concentrations, and number of detections exceeding USEPA maximum contaminant level (MCLs) and NDEP Basic Comparison Levels (BCLs: NDEP 2012b). Groundwater analytical results for the 2010/2011 groundwater monitoring event and prior historical sampling events are presented by individual chemical class in Tables 2-13 through 2-20 (wells from all zones included in each table). Table 4-2 presents the detection frequency of each compound in Shallow Zone samples collected during the 2010/2011 monitoring period; detection frequencies are also provided for the 2009 monitoring events for comparison.

In addition, representative constituents representing the main chemical classes of interest in the CAMU area were selected for graphic presentation of historical trends in concentrations and chemical occurrence within the Shallow Zone. Specifically, graphical presentations are provided for the following:

- Metals (arsenic, lithium, magnesium, manganese, uranium);
- OCPs (alpha-BHC, beta-BHC, 2,4'-DDE, aldrin);
- VOCs (benzene, chlorobenzene, chloroform, 1,1-dichloroethane [DCA], 1,4-dichlorobenzene [DCB], dichloromethane [DCM], 1,4-dioxane, 1,2,4-trichlorobenzene [TCB], total trihalomethanes, 1,2,4-trimethylbenzene [TMB], tetrachloroethene [PCE], and trichloroethene [TCE]);
- SVOCs (bis(p-chlorophenyl)disulfide, diphenyl disulfide, naphthalene, pentachlorophenol, 2,4,6-trichlorophenol [TCP]);
- Radionuclides (radium-226/228 (sum) and radon-222);
- General chemistry (chlorine, perchlorate, pH); and

³ The total sample counts reflected in the summary Tables 4-1a through 4-1d and Table 4-2 are not always consistent for all analytes. This is a result of either (1) analyte omission by Montrose/Stauffer/Olin companies during the April/May 2010 event; or (2) rejected results, as discussed in the DVSRs.

- General water quality (TDS).

Concentration trend graphs for these constituents are presented in Appendix D. Maps with posted detections of these constituents in Shallow Zone wells are presented in Appendix E for the 2010/2011 monitoring events (A-series figures, Figures E-1A through E- 32A) and the 2009 monitoring events (B-series figures, Figures E-1B through E- 32B).

These 32 analytes were generally selected because they were routinely detected at concentrations in excess of applicable screening levels in one or more water-bearing zones during historical monitoring events or they displayed significant trends over the four monitoring events. As seen in Tables 4-1a through 4-1d, additional analytes in Shallow Zone samples (i.e., beyond those depicted graphically) exceeded screening levels during the 2010/2011 groundwater monitoring events.

Chemical occurrence patterns over the four 2010/2011 monitoring events for the analytes detected in Shallow Zone monitoring wells are discussed below for each compound class. For reference, the following screening levels are included in those tables, where established:

- USEPA MCLs; and
- The NDEP residential water BCL.

It should be noted that exceedances of these screening levels are observed in wells upgradient of the CAMU. An exceedance does not necessarily indicate that CAMU operations have impacted groundwater quality.

4.1 VOLATILE ORGANIC COMPOUNDS

As seen in Tables 4-1a through 4-1d and 2-13, VOCs were detected in all of the Shallow Zone wells over the 2010/2011 monitoring events. Based on the detection frequencies summarized in Table 4-2, the following VOCs were detected the most frequently during this period:

- 1,1-DCA (59 to 93 percent; maximum detection of 93 micrograms per liter [$\mu\text{g/L}$] at upgradient well AA-BW-08A).
- 1,2-DCB (94 to 100 percent; maximum detection of 3,000 $\mu\text{g/L}$ at upgradient well AA-BW-08A).

- 1,4-DCB (94 to 100 percent; maximum detection of 5,000 µg/L at upgradient well AA-BW-08A).
- Benzene (88 to 93 percent; maximum detection of 140,000 µg/L at upgradient well AA-BW-08A).
- Chlorobenzene (88 to 100 percent; maximum detection of 260,000 µg/L at upgradient well AA-BW-08A).

Exceedances of MCLs or BCLs are limited to the list in Table 4-3 below and stayed generally consistent during the 2010/2011 monitoring events.

**TABLE 4-3: VOLATILE ORGANIC COMPOUNDS
MCL AND BCL EXCEEDANCES, 2010-2011**

Chemical Name	MCL or BCL Exceedance?	Exceedances per Monitoring Event			
		April/May 2010	October 2010	March 2011	October 2011
1,1,2-Trichloroethane	MCL and BCL	3	0	0	0
1,1-Dichloroethane	BCL	13	10	11	9
1,2,4-Trichlorobenzene	MCL and BCL	5	6	4	4
1,2-Dichlorobenzene	MCL and BCL	5	5	4	4
1,2-Dichloroethane	MCL and BCL	8	3	2	4
1,3-Dichlorobenzene	BCL	2	3	3	3
1,4-Dichlorobenzene	MCL and BCL	9	10	8	10
Benzene	MCL and BCL	12	12	12	14
Bromodichloromethane	BCL	1	0	0	0
Chlorobenzene	MCL and BCL	13	15	13	15
Chloroform	BCL	12	11	13	11
Dichloromethane	MCL and BCL	4	2	3	8
n-Heptane	BCL	0	2	2	0
Tetrachloroethene	MCL and BCL	6	6	5	3
Total Trihalomethanes	MCL and BCL	5	7	8	6
Trichloroethene	MCL and BCL	3	3	2	3

Noteworthy trends over the 2010/2011 monitoring period observed in the Concentration Trend Plots (Appendix D) and in Table 2-13 are listed below:

- 1,1-DCA concentrations in upgradient well AA-BW-08A more than doubled relative to the 2009 baseline events.
- 1,2,4-TCB concentrations in upgradient well AA-BW-08A more than doubled relative to the 2009 baseline events.
- 1,4-DCB concentrations in upgradient wells AA-BW-08A and AA-MW-07 and downgradient well AA-BW-04A have increased relative to the 2009 monitoring events; concentrations have decreased in downgradient well H-43.
- Benzene concentrations in downgradient well AA-BW-05A have increased by two orders of magnitude relative to the 2009 monitoring events.
- Chloroform concentrations in upgradient well AA-MW-07 have increased relative to the early 2009 monitoring events.
- DCM concentrations in upgradient well AA-MW-07 have increased sharply relative to the early 2009 monitoring events; concentrations in upgradient well AA-BW-09A have steadily decreased.
- PCE concentrations in downgradient well AA-BW-04A decreased sharply after an order of magnitude spike in late 2009/early 2010 (see discussion below regarding the April/May 2010 anomalous detections).
- Total trihalomethanes concentrations in upgradient well AA-MW-07 have increased relative to the early 2009 monitoring events.

As listed above, most of the noteworthy VOC increases observed over the monitoring period were associated with upgradient wells AA-BW-08A or AA-MW-07, which are located in the southeastern corner of the CAMU. In the case of 1,4-DCB, concentrations in downgradient well AA-BW-04A have also increased over the monitoring period. This downgradient well is located between the central paleochannel that trends north from AA-BW-08A and the northeastern paleochannel.

As seen in the concentration trend plots, at certain locations, anomalously high detections of various VOC compounds were reported for the April/May 2010 event. The wells and VOCs most obviously associated with these anomalies are listed below:

- Upgradient wells AA-BW-08A (benzene, chlorobenzene, and PCE) and EC-2 (chlorobenzene);
- Crossgradient well AA-BW-01A (chlorobenzene); and
- Downgradient well AA-BW-04A (benzene, chlorobenzene, and PCE).

Detections of these VOCs returned to pre-April 2010 levels in the subsequent sampling events. Of these, the highest anomalies were associated with upgradient well AA-BW-08A, at which the anomalous April/May 2010 spikes were typically an order of magnitude or more higher.

As seen in the chemical occurrence maps presented in Appendix E for selected VOCs (i.e., 1,1-DCA, 1,2,4-TCB, 1,2,4-TMB, 1,4-DCB, benzene, chlorobenzene, chloroform, DCM, PCE, total trihalomethanes, and TCE), the highest VOC detections are generally associated with the following wells:

- AA-BW-08A, AA-BW-09A, and EC-2, located at the upgradient CAMU edge in the vicinity of the central paleochannel (AA-BW-09A and EC-2 along the presumed eastern and western edges, respectively);
- AA-BW-04A, located at the downgradient CAMU edge, between the central and the northeastern paleochannels; and
- AA-MW-07 and AA-BW-01A, located in the southeastern (upgradient) corner of the CAMU.
- In general, the wells in the eastern side of the CAMU area have appreciably higher VOC detections than those collected from the western side of the CAMU.

4.2 SEMIVOLATILE ORGANIC COMPOUNDS

As seen in Tables 4-1a through 4-1d and 2-14, SVOCs were detected in some of the Shallow Zone samples in which they were analyzed. Based on the detection frequencies summarized in Table 4-2, the SVOCs detected at the highest concentrations and most frequently were:

- 2,4-Dichlorophenol (35 to 40 percent; maximum detection of 58.8 µg/L at AA-BW-01A).
- 2-Chlorophenol (17 to 35 percent; maximum detection of 64.6 µg/L at AA-BW-09A).

- bis(p-Chlorophenyl)disulfide (29 to 35 percent, maximum detection of 4,770 µg/L at AA-BW-12A).
- Diphenyl disulfide (24 to 33 percent, maximum detection of 4,920 µg/L at AA-BW-08A).
- 4-Chlorothiophenol (24 to 60 percent, maximum detection of 1,510 µg/L at AA-BW-08A).

Over the 2010/2011 monitoring period, no noteworthy trends were observed. Given the low detection frequencies, few SVOCs were included in the Appendix D concentration trend plots. As seen on the bis(p-chlorophenyl)disulfide plot, SVOC detections were highly variable over the 2010/2011 events in upgradient wells, particularly in AA-BW-08A, EC-2, and AA-BW-12A. This plot shows peaks occurring in the October events relative to the spring events, during which concentrations dropped appreciably.

A comparison of Tables 4-1a through 4-1d shows that SVOC detection frequencies increased slightly during the October 2011 monitoring event.

Exceedances of MCLs or BCLs were minimal, but increased slightly during the October 2011 event for certain SVOCs. Table 4-4 below summarizes all MCL and BCL exceedances over the 2010/2011 monitoring events.

**TABLE 4-4: SEMIVOLATILE ORGANIC COMPOUNDS
MCL AND BCL EXCEEDANCES, 2010-2011**

Chemical Name	MCL or BCL Exceedance?	Exceedances per Monitoring Event			
		April/May 2010	October 2010	March 2011	October 2011
1,4-Dioxane	BCL	5	1	0	5
2,2'-Dichlorobenzil	BCL	0	0	1	0
2,4,6-TCP	BCL	2	1	2	2
2-Chloronaphthalene	BCL	1	0	0	0
bis(2-Ethylhexyl) phthalate	MCL and BCL	0	0	0	6
Naphthalene	BCL	1	0	0	3
Pentachlorophenol	MCL and BCL	1	0	1	2

Based on Table 2-14 (Tables section), which presents the SVOC results, for a given SVOC, the highest detections are generally associated with the following wells:

- AA-BW-08A, AA-BW-12A and EC-2, located at the upgradient CAMU edge within and near the central paleochannel;
- AA-BW-04A, located at the downgradient CAMU edge, between the central and the northeastern paleochannels; and
- AA-MW-07 and AA-BW-01A, located in the southeastern (upgradient) corner of the CAMU.

As with VOCs, the wells in the eastern side of the CAMU area have appreciably higher SVOC detections than those collected from the western side of the CAMU. Chemical occurrence patterns for selected SVOCs (i.e., 1,4-dioxane, 2,4,6-TCP, bis(p-chlorophenyl) disulfide, diphenyl disulfide, naphthalene, and pentachlorophenol) are presented graphically in Appendix E.

4.3 POLYNUCLEAR AROMATIC HYDROCARBONS

As seen in Tables 4-1a through 4-1d and 2-15, PAHs were detected infrequently in the Shallow Zone samples in which they were analyzed. PAHs were detected in four Shallow Zone wells during the 2010/2011 groundwater monitoring events combined: upgradient well AA-BW-12A (one detection of anthracene); upgradient well EC-2 (one detection of acenaphthene and three detections of phenanthrene); crossgradient well AA-BW-01A (one detection of benzo(a)anthracene); and downgradient well AA-BW-05A (one detection of acenaphthene). The highest detection was of acenaphthene (65.6 µg/L in the April 2010 sample collected at EC-2); the reported phenanthrene detection in this sample was also elevated (30.4 µg/L). These two anomalously high detections were higher than the BCLs. The only other BCL exceedance in Shallow Zone samples was a detection of acenaphthene in well AA-BW-05A (8.43 µg/L), collected during the same monitoring event as the anomalous detections in EC-2. This well is roughly hydraulically downgradient from EC-2; and both wells are in the vicinity of the central paleochannel.

The three April/May 2010 acenaphthene and phenanthrene detections in excess of BCLs are considered anomalous because they are two orders of magnitude higher than prior or subsequent detections of these compounds at these locations, and (2) were not detected in adjacent upgradient and downgradient wells. Furthermore, acenaphthene was not detected in any Shallow Zone samples collected during the subsequent 2010/2011 monitoring events.

4.4 ORGANOCHLORINE PESTICIDES

As seen in Tables 4-1a through 4-1d and 2-16, OCPs were detected frequently in the Shallow Zone samples in which they were analyzed. Based on the detection frequencies summarized in Table 4-2, the following OCPs were detected the most frequently during this period:

- alpha-BHC (88 to 94 percent, maximum detection of 930 µg/L at AA-BW-08A).
- beta-BHC (40 to 71 percent, maximum detection of 140 µg/L at AA-BW-08A).
- delta-BHC (77 to 88 percent, maximum detection of 36 µg/L at AA-MW-07).
- gamma-BHC (29 to 47 percent, maximum detection of 86 µg/L at AA-BW-08A).

Detection frequencies for several of these OCPs were slightly higher for the October events. Noteworthy trends over the 2010/2011 monitoring period observed in the Concentration Trend Plots (Appendix D) and in Table 2-16 are listed below:

- alpha-BHC concentrations in upgradient well AA-BW-08A increased with high variability (see discussion below regarding the anomalous October 2010 detections); concentrations steadily decreased in downgradient well AA-BW-04A.
- beta-BHC concentrations in upgradient well AA-BW-08A increased with high variability in a manner similar to that of alpha-BHC (see discussion below regarding the anomalous October 2010 detections); concentrations decreased appreciably in downgradient well AA-BW-04A and upgradient well EC-2 relative to 2009 detections.
- delta-BHC and gamma-BHC, which are not presented in trend plots, exhibited similar trends as those for alpha- and beta-BHC (increases at AA-BW-08A since 2009 and decreases at AA-BW-04A). Because concentrations of these two OCPs are appreciably lower than those for alpha- and beta-BHC, the concentration variations are less obvious.

As seen in the concentration trend plots for alpha- and beta-BHC, at upgradient well AA-BW-08A anomalously low detections were reported for the October 2010 event. Similarly, dips in concentrations are also observed at this well during that event for delta- and gamma-BHC (Table 2-16). Concentrations detected after the October 2010 event were comparable to or higher than those beforehand. Low anomalies were not observed for any other wells during the October 2010 event.

Detections greater than the MCLs or BCLs are summarized in Table 4-5 as follows:

**TABLE 4-5: ORGANOCHLORINE PESTICIDES MCL AND
 BCL EXCEEDANCES, 2010-2011**

Chemical Name	MCL or BCL Exceedance?	Exceedances per Monitoring Event			
		April/May 2010	October 2010	March 2011	October 2011
4,4'-DDD	BCL	0	0	0	1
4,4'-DDE	BCL	0	0	1	0
Aldrin	BCL	2	0	0	0
alpha-BHC	BCL	5	6	5	6
beta-BHC	BCL	6	7	6	7
gamma-BHC (Lindane)	MCL and BCL	5	2	4	3

An MCL and BCL have not been established for delta-BHC.

As seen in Table 2-16 and in the OCP occurrence maps presented in Appendix E, the highest detections are generally associated with the following wells:

- AA-BW-08A, located at the upgradient CAMU edge in the central paleochannel;
- AA-BW-04A, at the downgradient CAMU edge, between the central and the northeastern paleochannels; and
- AA-MW-07 and AA-BW-01A, located in the southeastern (upgradient) corner of the CAMU.

Chemical occurrence patterns for selected OCPs (i.e., 2,4'-DDE, aldrin, alpha-BHC, and beta-BHC) are presented graphically in Appendix E. In general, the wells in the eastern side of the CAMU area have appreciably higher OCP detections than those collected from the western side of the CAMU.

4.5 METALS

As seen in Tables 4-1a through 4-1d and 2-17, metals were detected in all of the samples collected from the Shallow Zone wells during the 2010/2011 monitoring events. Based on the

Table 4-2 summary, all metals were detected in at least one of the 2010/2011 monitoring events; and the following metals were detected the most often:

- Arsenic (100 percent, maximum detection of 720 µg/L at AA-MW-07);
- Barium (100 percent, maximum detection of 98 µg/L at H-28);
- Boron (100 percent, maximum detection of 4,200 µg/L at M-7B);
- Calcium (100 percent, maximum detection of 1,200 µg/L at AA-BW-09A);
- Iron (93 to 100 percent, maximum detection of 31,000 µg/L at H-43);
- Lithium (82 to 100 percent, maximum detection of 1,700 µg/L at EC-2);
- Magnesium (100 percent, maximum detection of 1,800 µg/L at AA-BW-09A);
- Manganese (87 to 100 percent, maximum detection of 2,900 µg/L at AA-BW-12A);
- Molybdenum (93 to 100 percent, maximum detection of 160 µg/L at EC-2);
- Potassium (100 percent, maximum detection of 150 µg/L at EC-2);
- Sodium (100 percent, maximum detection of 21,000 µg/L at EC-2); and
- Strontium (100 percent, maximum detection of 50,000 µg/L at AA-BW-09A).

Overall detection frequency increased slightly during the October 2011 event compared with previous events, particularly in downgradient wells.

Noteworthy trends over the 2010/2011 monitoring period observed in the Concentration Trend Plots (Appendix D) and in Table 2-16 are listed below.

- Arsenic concentrations are relatively consistent through the 2009 and 2010/2011 monitoring events, with the exception of two anomalous spikes in April 2010 (AA-MW-07) and March 2011 (EC-2), discussed below. Ignoring those two anomalous spikes, arsenic concentrations in the Shallow Zone are appreciably higher in the samples from upgradient well AA-BW-09a than at any other location. The only noteworthy trends observed are a slight increase in upgradient well AA-BW-12A concentrations and a slight decrease in upgradient well AA-BW-09A concentrations.

- Lithium concentrations are relatively consistent through the 2009 and 2010/2011 monitoring events, with the exception of an anomalous spike in March 2011 (EC-2), discussed below. Ignoring this anomalous spike, as with arsenic, lithium concentrations in the Shallow Zone are appreciably higher in the samples from upgradient well AA-BW-09a than at any other location.
- Magnesium concentrations are relatively consistent through the 2009 and 2010/2011 monitoring events, with the exception of an anomalous spike in March 2011 (EC-2), discussed below. Ignoring this anomalous spike, magnesium concentrations in the Shallow Zone are appreciably higher in the samples from upgradient well AA-BW-09a than at any other location. The only noteworthy trend observed is a slight decrease in upgradient well AA-BW-09A concentrations.
- Manganese concentrations are relatively consistent through the 2009 and 2010/2011 monitoring events for the crossgradient and downgradient wells; slight concentration increases were observed for downgradient wells AA-BW-05A and H-43 (downgradient) to concentrations over the BCL (510 µg/L). With the exception of well H-28, which exhibits concentrations an order of magnitude higher than the other downgradient wells, downgradient concentrations are typically lower than those for crossgradient and upgradient locations. Concentrations in several of the upgradient wells (AA-BW-12A, EC-2, and AA-BW-08A) have increased over the monitoring period relative to 2009 detections. Over the same time period, concentrations in upgradient well AA-BW-09A have decreased steadily. An anomalous spike in concentrations was observed for AA-MW-07 during the April 2010 event.
- Uranium concentrations are relatively consistent through the 2009 and 2010/2011 monitoring events, with the exception of an anomalous spike in March 2011 (EC-2), discussed below. Ignoring this anomalous spike, uranium concentrations in the Shallow Zone are appreciably higher in the samples from upgradient well AA-BW-09a than at any other location. The only noteworthy trend observed is an irregular increase in upgradient well AA-BW-09A concentrations.

As noted above, anomalous spikes in metals concentrations were observed for several metals in the concentration trend plots (Appendix D). The wells and metals most obviously associated with these anomalies are listed below:

- During the April 2010 event, anomalously high metal detections were reported for upgradient well AA-MW-07 (arsenic and manganese); as seen in Table 2-17, detections of several other metals were elevated for this well during this event.
- During the March 2011 event, anomalously high metal detections were reported for upgradient well EC-2 (arsenic, lithium, magnesium, and uranium); as seen in Table 2-17, detections of several other metals were elevated for this well during this event.

Detections of these metals returned to pre-anomaly levels in the subsequent sampling events.

Detections greater than the MCLs or BCLs are summarized in Table 4-6 below:

TABLE 4-6: METALS MCL AND BCL EXCEEDANCES, 2010-2011

Metal Name	MCL or BCL Exceedance?	Exceedances per Monitoring Event			
		April/May 2010	October 2010	March 2011	October 2011
Arsenic	MCL and BCL	15	17	17	17
Cadmium	MCL and BCL	0	0	0	1
Cobalt	BCL	0	1	1	1
Iron	BCL	0	1	0	1
Lithium	BCL	14	14	17	17
Magnesium	BCL	9	10	12	13
Selenium	MCL and BCL	1	0	0	0
Strontium	BCL	4	4	5	5
Uranium	MCL and BCL	5	5	6	5

As seen in Table 2-17 and in the chemical occurrence maps presented in Appendix E for selected metals (i.e., arsenic, lithium, magnesium, manganese, and uranium), the highest detections are routinely associated with AA-MW-07, AA-BW-01A, and AA-BW-09A, located at the southeastern (upgradient) corner of the CAMU. The lateral variability in metal concentrations suggests that their presence is due to a combination of naturally occurring conditions, as well as upgradient off-site influences.

4.6 PERCHLORATE

As seen in Tables 4-1a through 4-1d and 2-18, perchlorate was detected in nine of the Shallow Zone wells over the 2010/2011 monitoring events. Perchlorate concentrations in downgradient well M7B were several orders of magnitude higher than those in the other wells. As seen in the

perchlorate trend plot in Appendix D, perchlorate steadily decreased in this well from 52,000 µg/L (First Quarter 2009) to 37,800 µg/L (October 2011). Exceedances of the perchlorate BCL during each sampling event are as follows:

- April/May 2010: two exceedances, maximum detection 47,100 µg/L;
- October 2010: four exceedances, maximum detection 47,600 µg/L;
- March 2011: six exceedances, maximum detection 42,300 µg/L; and
- October 2011: four exceedances, maximum detection 37,800 µg/L.

As seen in Table 2-17 and in the perchlorate occurrence map presented in Appendix E, the highest detections are associated with downgradient well M7B, located at the northeastern corner of the CAMU.

4.7 GENERAL WATER QUALITY

Alkalinity, hardness, TDS and pH measurements are summarized in Tables 4-1a through 4-1d and 2-19. TDS is generally high in groundwater samples collected from throughout the CAMU area (890 to 65,000 milligrams per liter (mg/L) over the four 2010/2011 events). As seen in the TDS trend plots in Appendix D, TDS concentrations are relatively consistent through the 2009 and 2010/2011 monitoring events, with the exception of irregular detections at upgradient well AA-BW-09A and an anomalous spike in March 2011 at EC-2. Ignoring the anomalous spike, TDS concentrations in the Shallow Zone are appreciably higher in the samples from upgradient well AA-BW-09a than at any other location. Noteworthy trends observed in TDS concentrations are as follows:

- Concentrations in downgradient well AA-BW-04A increased steadily throughout the 2010/2011 monitoring events; and
- Concentrations in downgradient well AA-BW-05A increased through April 2010, after which they decreased.

As seen in the graphic presentation in Appendix E (Figure E-29A), the highest TDS measurements were routinely associated with upgradient wells AA-BW-08A and AA-BW-09A, located upgradient along the central paleochannel.

The highest hardness measurements are associated with upgradient well AA-BW-09A.

Measured pH levels during the 2010/2011 events were consistently neutral (defined for the purpose of this report as being between 6.5 and 8.5), with the few exceptions summarized below:

- Upgradient well AA-BW-09A exhibited pH levels slightly below neutral range during both 2010 monitoring events (6.48 and 6.46); 2011 levels were in the low end of the neutral range (6.62 and 6.71);
- Upgradient well AA-MW-07 generally exhibited pH levels at 7.0 ± 0.05 ; however, in the May 2010 sample, pH dipped to below 6.5 (i.e., 6.44);
- Upgradient well EC-2 generally exhibited pH levels in the low end of the neutral range; in the April 2010 and March 2011 events, measured values were slightly lower (6.02 and 6.34, respectively);
- An anomalously low pH level (5.52) was measured in upgradient well MCF-BW-11A in April 2010; during the other three events, pH ranged from 7.34 to 7.62;
- An anomalously low pH level (5.70) was measured in downgradient well H-28 in April 2010; during the other three events, pH ranged from 6.65 to 6.96; and
- An anomalously low pH level (5.72) was measured in downgradient well M7B in April 2010; during the other three events, pH ranged from 7.02 to 7.18.

As noted above, several anomalously low pH levels were measured during the April/May event; it is suspected that there may have been an instrumentation error during that event.

4.8 RADIONUCLIDES

As seen in Tables 4-1a through 4-1d and 2-20, radionuclides were detected in all of the Shallow Zone wells in which they were analyzed. Noteworthy trends over the 2010/2011 monitoring period observed in the Concentration Trend Plots (Appendix D) and in Table 2-20 are listed below.

- Radium 226/228 activities do not vary appreciably throughout the 2009 and 2010/2011 monitoring events with the exception of upgradient well AA-BW-09A, which ranged from 1.48 to 24.2 PicoCuries per liter (pCi/L). This well exhibited the highest activities of radium-226/228.

Radon-222 activities in shallow wells showed high variability over the 2009 baseline events and the 2010/2011 monitoring periods. No obvious trends were observed. Detections greater than the MCLs or BCLs are summarized in Table 4-7 below:

TABLE 4-7: RADIONUCLIDES MCL AND BCL EXCEEDANCES, 2010-2011

Radionuclide	MCL or BCL Exceedance?	Exceedances per Monitoring Event			
		April/May 2010	October 2010	March 2011	October 2011
Radium 226/228	MCL and BCL	2	2	0	1
Radon-222	BCL	7	9	9	9
Thorium-228	BCL	2	6	4	0
Thorium-230	BCL	0	3	6	1
Thorium-232	BCL	0	2	3	0

As seen in the chemical occurrence maps in Appendix E, the highest radium-226/228 measurements were routinely associated with upgradient well AA-BW-09A located along the upgradient edge of the CAMU just east of the central paleochannel. Samples from AA-BW-09A, AA-BW-08A, and AA-BW-01A (all in the southeastern upgradient corner of the CAMU) typically exhibited the highest concentrations of all the other radionuclides, except radon-222. The highest radon-222 measurements were typically associated with upgradient well EC-2 and downgradient wells AA-BW-06A and AA-BW-04A (Appendix E; Figure E-27A).

5.0 CHEMICAL OCCURRENCE IN THE MIDDLE ZONE

A summary of the Middle Zone groundwater analytical results from the 2010/2011 groundwater monitoring events is presented in Tables 5-1a through 5-1d⁴ (Tables section). This series of tables presents, for each monitoring event, the compound-specific number of detections, ranges of reporting limits, ranges of concentrations, and number of detections exceeding MCLs and NDEP BCLs (NDEP 2012b). Groundwater analytical results for the 2010/2011 groundwater monitoring event and prior historical sampling events are presented by individual chemical class in Tables 2-13 through 2-20 (wells from all zones included in each table). Table 5-2 presents the detection frequency of each compound from the 2010/2011 monitoring period; detection frequencies are also provided for the Fourth Quarter 2009 monitoring event for comparison.

In addition, as for the Shallow Zone, graphical presentations are provided for detections of the following constituents in Middle Zone wells:

- Metals (arsenic, lithium, magnesium, manganese, uranium);
- OCPs (alpha-BHC, beta-BHC, 2,4'-DDE, Aldrin);
- VOCs (benzene, chlorobenzene, chloroform, 1,1-DCA 1,4-DCB, DCM, 1,4-dioxane, 1,2,4-TCB, Total Trihalomethanes, 1,2,4-TMB, PCE and TCE);
- SVOCs (bis(p-chlorophenyl)disulfide, diphenyl disulfide, naphthalene, pentachlorophenol, 2,4,6-TCP);
- Radionuclides (radium-226/228 (sum) and radon-222);
- General chemistry (chlorine, perchlorate, pH); and
- General water quality (TDS).

Concentration trend graphs for these constituents are presented in Appendix D. Maps with posted detections of these constituents in Middle Zone wells are presented in Appendix E for the 2010/2011 monitoring events (C-series figures, Figures E-1C through E- 32C).

⁴ The total sample counts reflected in the summary Tables 5-1a through 5-1d and Table 5-2 are not always consistent for all analytes. This is a result of either (1) analyte omission by Montrose/Stauffer/Olin companies during the April/May 2010 event; or (2) rejected results, as discussed in the DVSRs.

These 32 analytes were generally selected because they were routinely detected at concentrations in excess of applicable screening levels in one or more water-bearing zone during historical monitoring events or they displayed significant trends over the four monitoring events. As seen in Tables 5-1a through 5-1d, additional analytes in Middle Zone samples (i.e., beyond those depicted graphically) exceeded screening levels during the 2010/2011 groundwater monitoring events.

Chemical occurrence patterns for the chemicals detected in Middle Zone monitoring wells are discussed below for each compound class. For reference, MCLs and BCLs are included in those tables, where established.

As previously noted, exceedances of these screening levels are observed in wells upgradient of the CAMU. An exceedance does not necessarily indicate that CAMU operations have impacted groundwater quality.

5.1 VOLATILE ORGANIC COMPOUNDS

As seen in Tables 5-1a through 5-1d and 2-13, during the 2010/2011 groundwater monitoring events, VOCs were detected in all five of the Middle Zone wells in the program. Based on the detection frequencies summarized in Table 5-2, the following VOCs were detected the most frequently during this period:

- 1,2-DCB (80 to 100 percent; maximum detection 15,000 µg/L at upgradient well MC-MW-12).
- 1,4-DCB (80 to 100 percent; maximum detection 31,000 µg/L at upgradient well MC-MW-12).
- Benzene (100 percent; maximum detection 140,000 µg/L at upgradient well MC-MW-10).
- Chlorobenzene (100 percent; maximum detection 430,000 µg/L at upgradient well MC-MW-12).
- Chloroform (80 to 100 percent; maximum detection 150,000 µg/L at upgradient well MC-MW-10).
- Total trihalomethanes (80 to 100 percent; maximum detection 150,000 µg/L at upgradient well MC-MW-10)

The above-listed VOCs also represent those with the highest detections in Middle Zone samples during the 2010/2011 monitoring events. Variations observed for VOC detections in Middle Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected VOCs (benzene, chlorobenzene, chloroform, 1,1-DCA 1,4-DCB, DCM, 1,4-dioxane, 1,2,4-TCB, total trihalomethanes, 1,2,4-TMB, PCE and TCE). In general, similar to the Shallow Zone, the upgradient Middle Zone wells have higher VOC detections than those collected from the downgradient side of the CAMU. An evaluation of VOC concentration variations between the three water-bearing zones is provided in Section 7.1.

5.2 SEMIVOLATILE ORGANIC COMPOUNDS

As seen in Tables 3-2b and 3-4, as observed in the Shallow Zone, SVOCs were detected less routinely than VOCs in the Middle Zone samples in which they were analyzed. The SVOCs with the highest detection frequency were 4-chlorothiophenol (20 to 75 percent), and phenol (20 to 60 percent). The highest reported SVOC concentrations were detected in upgradient wells as follows:

- 1,2,4,5-Tetrachlorobenzene (maximum detection 339 µg/L at upgradient well MC-MW-12);
- 2,2'-Dichlorobenzil (maximum detection 599 µg/L at upgradient well MC-MW-12);
- Benzoic acid (maximum detection 550 µg/L at upgradient well MC-MW-10);
- bis(p-chlorophenyl)Disulfide (maximum detection 326 µg/L at upgradient well MC-MW-11);
- Diphenyl disulfide (maximum detection 536 µg/L at upgradient well MC-MW-11); and
- Thiophenol (maximum detection 787 µg/L at upgradient well MC-MW-11).

Several of the maximum detections listed above are associated with a single monitoring event (October 2010), and are appreciably higher than the detections of those SVOCs during the other events. These anomalously high reported concentrations may not be representative of actual conditions.

Variations observed for SVOC detections in Middle Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected SVOCs (bis(p-chlorophenyl)disulfide, diphenyl disulfide, naphthalene, pentachlorophenol, 2,4,6-TCP). For a given SVOC, the highest detections in the Middle Zone are generally

associated with one of the three wells located upgradient of the CAMU (i.e., MC-MW-10, -11, or -12). It should be noted that the reporting limits for the sample from MC-MW-12 were elevated relative to the other samples. This is likely due to the presence of DNAPL observed at this location, as discussed in Sections 2.3 and 5.9. An evaluation of SVOC concentration variations between the three water-bearing zones is provided in Section 7.2.

5.3 POLYNUCLEAR AROMATIC HYDROCARBONS

As seen in Tables 5-1a through 5-1d and 2-15, PAHs were included in the analytical program in May/April 2010 for only two Middle Zone samples: MC-MW-10 and MC-MW-12. During the following three monitoring events, PAH analyses were not performed on Middle Zone samples. The following PAHs were detected in April/May 2010 and were all associated with the MC-MW-12 sample:

- Anthracene
- Benzo(a)pyrene
- Benzo(b)fluoranthene
- Benzo(ghi)perylene
- Benzo(k)fluoranthene
- Chrysene
- Indeno(1,2,3-cd)pyrene
- Phenanthrene
- Pyrene

The highest reported PAH concentration was for phenanthrene (1.92 µg/L). An evaluation of PAH concentration variations between the three water-bearing zones is provided in Section 7.3.

5.4 ORGANOCHLORINE PESTICIDES

As seen in Tables 5-1a through 5-1d and 2-16, OCPs were detected frequently in the Middle Zone samples in which they were analyzed. Based on the detection frequencies summarized in Table 5-2, the following OCPs were detected the most frequently during this period:

- alpha-BHC (80 to 100 percent; maximum detection 37 µg/L at upgradient well MC-MW-11).
- beta-BHC (60 to 67 percent; maximum detection 16 µg/L at upgradient well MC-MW-11).
- delta-BHC (67 to 100 percent; maximum detection 7.6 µg/L at upgradient well MC-MW-11).
- Lindane (40 to 83 percent; maximum detection 17 µg/L at upgradient well MC-MW-11).

The following OCPs were also detected at elevated concentrations, but less routinely than the BHCs noted above: 2,4'-DDE, 4,4'-DDD, and 4,4'-DDT. These OCPs were detected at elevated

concentrations in MC-MW-12 during several events; the highest detections were observed during the March 2011 event (maximum detection 430 µg/L of 4,4'-DDE).

Variations observed for OCP detections in Middle Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected OCPs (alpha-BHC, beta-BHC, 2,4'-DDE, aldrin). The highest OCP detections in the Middle Zone are associated with wells located upgradient of the CAMU (i.e., either MC-MW-11 or -12). BHCs were the only OCPs detected in the downgradient well samples. An evaluation of OCP concentration variations between the three water-bearing zones is provided in Section 7.4.

5.5 METALS

As seen in Tables 5-1a through 5-1d and 2-17, metals were detected in all of the samples collected from the Middle Zone wells during the 2010/2011 groundwater monitoring events. Based on the Table 5-2 summary, all metals were detected in at least one of the 2010/2011 monitoring events; the following metals were detected at the highest concentrations:

- Aluminum (maximum detection of 9,400 µg/L at downgradient well MC-MW-30);
- Arsenic (maximum detection of 310 µg/L at upgradient well MC-MW-10);
- Boron (maximum detection of 2,000 µg/L at upgradient well MC-MW-10);
- Calcium (maximum detection of 620 µg/L at downgradient well MC-MW-30);
- Iron (maximum detection of 68,000 µg/L at downgradient well MC-MW-31);
- Lithium (maximum detection of 780 µg/L at upgradient well MC-MW-10);
- Magnesium (maximum detection of 510 µg/L at downgradient well MC-MW-30);
- Manganese (maximum detection of 3,500 µg/L at upgradient well MC-MW-10);
- Sodium (maximum detection of 4,000 µg/L at upgradient well MC-MW-10); and
- Strontium (maximum detection of 41,000 µg/L at upgradient well MC-MW-10).

Variations observed for metal detections in Middle Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected metals (arsenic, lithium, magnesium, manganese, uranium). As seen in Table 2-17, the highest metal detections

are generally associated with upgradient wells (MC-MW-10 in particular); however, for certain metals (e.g., iron), the highest detections are associated with one or more of the downgradient wells. As within the Shallow Zone, the lateral variability in metal concentrations suggests that their presence is due to a combination of naturally occurring conditions, as well as upgradient off-site influences. An evaluation of metal concentration variations between the three water-bearing zones is provided in Section 7.5.

5.6 PERCHLORATE

As seen in Tables 5-1a through 5-1d and 2-18, perchlorate detections were limited to upgradient Middle Zone samples during the 2010/2011 monitoring events. These detections ranged from 0.3 to 3.33 $\mu\text{g/L}$. It should be noted, however, that reporting limits for the two downgradient wells were often higher than the detections in the upgradient wells. Therefore, it is not possible to ascertain whether perchlorate is present in those downgradient locations at comparable concentrations.

Variations observed for perchlorate detections in Middle Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D). As seen in Table 2-17, concentrations in the two easternmost wells (MC-MW-10 and MC-MW-12) are higher than at the western location (MC-MW-11) over this time period. An evaluation of perchlorate concentration variations between the three water-bearing zones is provided in Section 7.6.

5.7 GENERAL WATER QUALITY

As seen in Tables 5-1a through 5-1d and 2-19, TDS measurements in Middle Zone groundwater samples collected from the CAMU area were relatively consistent during the 2010/2011 events, and ranged from 640 to 14,000 mg/L. TDS was reported at 18,000 mg/L at MC-MW-10 during the October 2011 monitoring event, but this result was rejected due to a cation-anion imbalance. The highest TDS measurements were associated with upgradient well MC-MW-10 and downgradient well MC-MW-30, located along the central paleochannel. Variations observed for TDS measurements in Middle Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D). An evaluation of TDS variations between the three water-bearing zones is provided in Section 7.7.

Measured pH levels during the 2010/2011 events were consistently between 6.5 and 8.5, with the two exceptions summarized below:

- Upgradient well MC-MW-10 exhibited pH levels below neutral range during the October 2010 and March 2011 monitoring events (5.17 and 6.27, respectively); pH measurements during the other two events were in the low end of the neutral range (6.85 and 6.95); and
- An anomalously low pH level (4.59) was measured in upgradient well MC-MW-11 in October 2010; during the other three events, pH ranged from 6.50 to 7.68.

5.8 RADIONUCLIDES

As seen in Tables 5-1a through 5-1d and 2-20, radionuclides were generally reported at the highest activities in the Middle Zone samples in upgradient wells MC-MW-10 and MC-MW-12. The exception is radon-222, which was reported with the highest activities in downgradient well MC-MW-31. The highest radionuclide activities reported during the 2010/2011 events are as follows:

- Radon-222 (maximum detection of 689 pCi/L at downgradient well MC-MW-31);
- Radium-226/228 (maximum detection of 13.8 pCi/L at MC-MW-12);
- Uranium-233/234 (maximum detection of 186 pCi/L at MC-MW-12); and
- Uranium-238 (maximum detection of 136 pCi/L at MC-MW-12).

Several of the maximum activities listed above are associated with a single monitoring event (March 2011), and are appreciably higher than the detections of those radionuclides in MC-MW-12 or other wells during the other events. These anomalously high reported activities may not be representative of actual conditions.

Variations observed for radionuclide detections in Middle Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected radionuclides (radium-226/228 (sum) and radon-222). An evaluation of radionuclide variations between the three water-bearing zones is provided in Section 7.8.

5.9 MC-MW-12 DENSE NON-AQUEOUS PHASE SAMPLE RESULTS

As discussed in Section 2-3 and seen in Table 5-5, DNAPL was observed exclusively at well MC-MW-12 during the 2010/2011 monitoring events. A sample of the DNAPL was collected and analyzed for VOCs and SVOCs during each event. As seen in Table 5-5, SVOCs were not detected, and the VOC detections were limited to the following:

- 1,2,3-TCB (200 to 420 mg/L);
- 1,2,4-TCB (1,500 to 2,700 mg/L);
- 1,2-DCB (3,400 to 54,000 mg/L);
- 1,3-DCB (1,900 to 3,100 mg/L);
- 1,4-DCB (6,500 to 120,000 mg/L);
- 2-Chlorotoluene (160 to 190 mg/L);
- 2-methylhexane (45 mg/L);
- 3-methylhexane (64 mg/L);
- 4-Chlorotoluene (120 to 170 mg/L);
- Benzene (3,000 to 78,000 mg/L);
- Carbon tetrachloride (1,100 to 6,500 mg/L);
- Chlorobenzene (77,000 to 530,000 mg/L);
- Chloroform (7,300 to 45,000 mg/L);
- DCM (150 mg/L);
- PCE (54 to 100 mg/L); and
- Toluene (7.9 mg/L).

Based on the above, the DNAPL appears to be primarily composed of chlorobenzene, DCBs, and benzene.

6.0 CHEMICAL OCCURRENCE IN THE DEEP ZONE

A summary of the Deep Zone groundwater analytical results from the 2010/2011 groundwater monitoring events is presented in Tables 6-1a through 6-1d⁵ (Tables section). This series of tables presents, for each monitoring event, the compound-specific number of detections, ranges of reporting limits, ranges of concentrations, and number of detections exceeding USEPA MCLs and NDEP BCLs (NDEP 2012b). Groundwater analytical results for the 2010/2011 groundwater monitoring event and prior historical sampling events are presented by individual chemical class in Tables 2-13 through 2-20 (Tables section; wells from all zones included in each table). Table 6-2 presents the detection frequency of each compound from the 2010/2011 monitoring period; detection frequencies are also provided for the Fourth Quarter 2009 monitoring event for comparison.

In addition, as for the other two water-bearing zones, graphical presentations are provided for detections of the following constituents in Deep Zone wells:

- Metals (arsenic, lithium, magnesium, manganese, uranium);
- OCPs (alpha-BHC, beta-BHC, 2,4'-DDE, aldrin);
- VOCs (benzene, chlorobenzene, chloroform, 1,1-DCA, 1,4-DCB, DCM, 1,4-dioxane, 1,2,4-TCB, total trihalomethanes, 1,2,4-TMB, PCE, and TCE);
- SVOCs (bis(p-Chlorophenyl)disulfide, diphenyl disulfide, naphthalene, pentachlorophenol, 2,4,6-TCP);
- Radionuclides (radium-226/228 (sum) and radon-222);
- General chemistry (chlorine, perchlorate, pH); and
- General water quality (TDS).

Concentration trend graphs for these constituents are presented in Appendix D. Maps with posted detections of these constituents in Deep Zone wells are presented in Appendix E for the 2010/2011 monitoring events (C-series figures, Figures E-1C through E-32C).

⁵ The total sample counts reflected in the summary Tables 6-1a through 6-1d and Table 6-2 are not always consistent for all analytes. This is a result of either (1) analyte omission by Montrose/Stauffer/Olin companies during the April/May 2010 event; or (2) rejected results, as discussed in the DVSRs.

These 32 analytes were generally selected because they were routinely detected at concentrations in excess of applicable screening levels in one or more water-bearing zones during historical monitoring events or they displayed significant trends over the four monitoring events. As seen in Tables 6-1a through 6-1d, additional analytes in Deep Zone samples (i.e., beyond those depicted graphically) exceeded screening levels during the 2010/2011 groundwater monitoring events.

Chemical occurrence patterns for the chemicals detected in Deep Zone monitoring wells are discussed below for each compound class. For reference, MCLs and BCLs are included in those tables, where established.

As previously noted, exceedances of these screening levels are observed in wells upgradient of the CAMU. An exceedance does not necessarily indicate that CAMU operations have impacted groundwater quality.

6.1 VOLATILE ORGANIC COMPOUNDS

As seen in Tables 6-1a through 6-1d and 2-13, during the 2010/2011 monitoring events, VOCs were detected in all four of the Deep Zone wells in the program. Based on the detection frequencies summarized in Table 6-2, the following VOCs were detected the most frequently during this period:

- 1,2-DCB (detected in all four of the wells during three of the events, not detected during the October 2011 event; maximum detection 3.4 µg/L at downgradient well TR-12);
- 1,4-DCB (detected in all four of the wells during three of the events, not detected during the October 2011 event; maximum detection 3.4 µg/L at downgradient well TR-12 and upgradient well DMC-MW-28);
- Chlorobenzene (detected in all four of the wells in April 2010, not detected during the subsequent events; maximum detection 5.3 µg/L at upgradient well DMC-MW-28); and
- TCE (detected in all four of the wells during the two 2010 events, not detected in 2011 samples; maximum detection 4 µg/L at TR-12).

These constituents and nonanal were detected at the highest detections of any VOCs during the 2010/2011 monitoring events. The highest VOC detection in 2010/2011 (11 µg/L at upgradient well MW-8) was associated with nonanal, which was detected twice in MW-8 and once in

TR-11. Variations observed for VOC detections in Deep Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected VOCs (benzene, chlorobenzene, chloroform, 1,1-DCA 1,4-DCB, DCM, 1,4-dioxane, 1,2,4-TCB, total trihalomethanes, 1,2,4-TMB, PCE, and TCE).

An evaluation of VOC concentration variations between the three water-bearing zones is provided in Section 7.1.

6.2 SEMIVOLATILE ORGANIC COMPOUNDS

As seen in Tables 6-1a through 6-1d and 2-14, SVOCs were detected far less routinely than VOCs in the Deep Zone samples in which they were analyzed. Based on the summary of detection frequencies in Table 6-2, the following SVOCs were detected during this period:

- 4-Chlorothiophenol (one detection during April 2010 event; 4.05 µg/L at downgradient well TR-11);
- Benzoic acid (two detections during April 2010 event; 12.6 µg/L at downgradient well TR-11 and 13.6 µg/L at downgradient well TR-12);
- Dimethyl phthalate (detected in all four wells during all four events; maximum detection 4,560 µg/L at downgradient well TR-12); and
- Naphthalene (one detection during March 2011 event; 0.38 µg/L at downgradient well TR-12).

With the exception of dimethyl phthalate, which was detected in all of the samples, the SVOC detections were associated with downgradient wells. Variations observed for SVOC detections in Deep Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected SVOCs (bis(p-chlorophenyl)disulfide, diphenyl disulfide, naphthalene, pentachlorophenol, and 2,4,6-TCP). An evaluation of SVOC concentration variations between the three water-bearing zones is provided in Section 7.2.

6.3 POLYNUCLEAR AROMATIC HYDROCARBONS

As seen in Tables 6-1a through 6-1d, 6-2, and 2-15, PAHs were not detected in the four Deep Zone wells during the 2010/2011 groundwater monitoring period.

6.4 ORGANOCHLORINE PESTICIDES

As seen in Tables 6-1a through 6-1d, 6-2, and 2-16, OCPs were not routinely detected in the four Deep Zone wells. The only OCPs detected during this period were two detections of aldrin during the October 2010 event (j-flagged values of 0.0065 and 0.0064 µg/L, in downgradient wells TR-11 and TR-12, respectively), and one detection of endosulfan sulfate during the March 2011 event (a j-flagged value of 0.011 µg/L in upgradient well MW-8).

Variations observed for OCP detections in Deep Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected OCPs (alpha-BHC, beta-BHC, 2,4'-DDE, and aldrin). An evaluation of OCP concentration variations between the three water-bearing zones is provided in Section 7.4.

6.5 METALS

As seen in Tables 6-1a through 6-1d and 2-17, metals were detected in all of the samples collected from the Deep Zone wells during the 2010/2011 groundwater monitoring events. Based on the Table 6-2 summary, all metals except silver were detected in at least one of the 2010/2011 monitoring events; the following metals were detected at the highest concentrations:

- Aluminum (maximum detection of 330 µg/L at downgradient well TR-11);
- Arsenic (maximum detection of 270 µg/L at upgradient well MW-8);
- Boron (maximum detection of 860 µg/L at upgradient well DMC-MW-28);
- Chromium (maximum detection of 3,900 µg/L at upgradient well MW-8);
- Iron (maximum detection of 14,000 µg/L at upgradient well MW-8);
- Manganese (maximum detection of 600 µg/L at upgradient well MW-8);
- Nickel (maximum detection of 450 µg/L at upgradient well MW-8); and
- Strontium (maximum detection of 2,700 µg/L at downgradient well TR-12).

Variations observed for metal detections in Deep Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected metals (arsenic, lithium, magnesium, manganese, and uranium). As seen in Table 2-17, the highest detections are routinely associated with MW-8, the furthest upgradient well. For several metals (i.e., arsenic,

chromium, cobalt, copper, iron, manganese, molybdenum, and nickel), the reported concentrations in the MW-8 sample are an order of magnitude or more above the other samples. Counter to this observation, hexavalent chromium detections are appreciably higher in downgradient well TR-12 than in the other wells. As within the other two zones, the lateral variability in metal concentrations suggests that their presence is due to a combination of naturally occurring conditions, as well as upgradient off-site influences. An evaluation of metal concentration variations between the three water-bearing zones is provided in Section 7.5.

6.6 PERCHLORATE

As seen in Tables 6-1a through 6-1d and 2-18, during the April/May 2010 event, perchlorate was detected at comparable, low concentrations in all four of the Deep Zone wells in which it was analyzed (detections ranging from 0.24 to 0.65 µg/L, all lower than the BCL). Perchlorate was not detected in any of the subsequent monitoring events in Deep Zone wells. Variations observed for perchlorate detections in Deep Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D). An evaluation of perchlorate concentration variations between the three water-bearing zones is provided in Section 7.6.

6.7 GENERAL WATER QUALITY

As seen in Tables 6-1a through 6-1d and 2-19, TDS measurements in Deep Zone groundwater samples collected from the CAMU area were relatively consistent during the 2010/2011 events, and ranged from 530 to 820 mg/L. The highest TDS measurements were associated with upgradient well MW-8. Variations observed for TDS measurements in Deep Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D). An evaluation of TDS variations between the three water-bearing zones is provided in Section 7.7.

Measured pH levels were consistently between 6.5 and 8.5, with the only exception being well DMC-MW-28, which exhibited a measured pH of 8.94 during the March 2011 sampling event.

6.8 RADIONUCLIDES

As seen in Tables 6-1a through 6-1d and 2-20, radionuclides were not included in the analyses for any Deep Zone wells in April/May 2010, but they were included during the following three monitoring events. The highest radionuclide activities reported during the 2010/2011 events are as follows:

- Radium-226 (maximum detection of 2.38 pCi/L at upgradient well MW-8);
- Radium-226/228 (maximum detection of 2.67 pCi/L at upgradient well MW-8);
- Radon-222 (maximum detection of 1,180 pCi/L at upgradient well MW-8); and
- Uranium-238 (maximum detection of 2.4 pCi/L at upgradient well MW-8).

As seen above, the highest detections were associated with upgradient well MW-8. Variations observed for radionuclide detections in Middle Zone wells during the 2010/2011 monitoring period are presented in the Concentration Trend Plots (Appendix D) for selected radionuclides (radium-226/228 (sum) and radon-222). An evaluation of radionuclide variations between the three water-bearing zones is provided in Section 7.8.

7.0 COMPARISON OF CHEMICAL OCCURRENCE PATTERNS BETWEEN ZONES

Chemical detections in CAMU area wells for the 2010/2011 monitoring period are summarized in tables provided in the prior sections, and chemical occurrence patterns for the chemicals detected in each zone were discussed in Sections 4, 5, and 6, for the Shallow, Middle, and Deep Zones, respectively. This section compares the chemical occurrence patterns between water-bearing zones. Average and maximum detections for each chemical compound in the three zones are summarized in Tables 7-1a and 7-1b, respectively (Tables section).

7.1 VOLATILE ORGANIC COMPOUNDS

As summarized in Sections 4.1, 5.1, and 6.1, a broader list of VOCs was detected in Shallow Zone wells than in the Middle and Deep Zone wells. This observation may be related to the fact that reporting limits were often appreciably higher in Middle Zone wells than for the Shallow Zone wells. Regardless, the data summary tables indicate that the VOCs most routinely detected in the Shallow Zone wells were also detected in the Middle Zone wells (i.e., 1,2-DCB, 1,4-DCB, benzene, chlorobenzene, and chloroform). Of these, only 1,2-DCB and 1,4-DCB were routinely detected in Deep Zone wells. A noteworthy exception is carbon tetrachloride, which was detected in several Middle Zone wells, but was not reported in any Shallow Zone or Deep Zone samples.

Tables 7-1a and 7-1b indicate that for VOCs detected in both zones, reported concentrations in the Middle Zone wells tended to be higher than those in the Shallow Zone wells, often by an order of magnitude. Deep Zone detections tended to be appreciably lower than the detections in the other two zones. For example, considering chlorobenzene, which was the VOC detected at the highest concentrations in any samples, the maximum Shallow Zone detection was 260,000 µg/L, the maximum Middle Zone detection was 430,000 µg/L, and the maximum Deep Zone detection was 5.3 µg/L.

7.2 SEMIVOLATILE ORGANIC COMPOUNDS

As discussed in Sections 4.2, 5.2, and 6.2, few SVOCs were routinely detected in any of the water-bearing zones during the 2010/2011 monitoring period. As summarized in Table 7-2 below, the following compounds were routinely detected at comparable frequencies in the Shallow and Middle Zones:

**TABLE 7-2: SEMIVOLATILE ORGANIC COMPOUND DETECTION
COMPARISON, SHALLOW AND MIDDLE ZONE WELLS**

Compound	Shallow Zone Detection Frequency	Middle Zone Detection Frequency	Comparison of Detections
2,4-Dichlorophenol	35-41%	0-40%	Comparable concentrations in both zones
2-Chlorophenol	18-35%	20-40%	Concentrations tend to be higher in Middle Zone
4-Chlorophiothenol	24-60%	20-75%	Concentrations appreciably higher in Shallow Zone
bis(p-Chloro-phenyl)disulfide	29-35%	20-25%	Concentrations appreciably higher in Shallow Zone
Diphenyl disulfide	24-33%	20-25%	Generally comparable concentrations in both zones
Thiophenol	6-27%	0-25%	Variable by event; detections in one zone not consistently higher than the other
Phenol	0-24%	20-60%	Concentrations appreciably higher in Middle Zone

Of the SVOCs listed above that were present in the Shallow or Middle Zones, only 4-chlorothiophenol was detected in the Deep Zone (detected in one sample during the April/May 2010 event). The only compound routinely detected in Deep Zone wells was dimethyl phthalate, which was detected in all of the Deep Zone samples over the 2010/2011 monitoring period at levels ranging from 257 to 4,560 µg/L. No detections of this constituent were reported over the same period for Shallow or Middle Zone wells.

7.3 POLYNUCLEAR AROMATIC HYDROCARBONS

As discussed in Sections 4.3, 5.3, and 6.3, PAHs were sporadically detected at relatively low concentrations. In addition, PAH analysis was not performed on most of the Middle Zone samples. Therefore, no obvious similarities or differences in PAH detections between the zones were observed.

7.4 ORGANOCHLORINE PESTICIDES

As discussed in Sections 4.4 and 5.4, various BHCs were routinely detected in Shallow and Middle Zone wells. These constituents were not typically detected in the Deep Zone wells. As

seen in Table 7-1, BHC detections were appreciably higher in Shallow Zone samples than in Middle Zone samples during the 2010/2011 monitoring events. On the other hand, DDD, DDE and DDT were generally reported at higher concentrations in the Middle Zone than in the Shallow or Deep Zones. Given the limited number of other OCP detections, no obvious similarities or differences in detections between the zones were observed for those constituents.

7.5 METALS

As discussed in Sections 4.5, 5.5, and 6.5, metals were routinely detected in all three zones over the 2010/2011 monitoring period. Table 7-1 (Tables section) summarizes the differences in mean concentrations associated with each zone. Average concentrations and detection frequencies for routinely detected metals tend to be highest in the Shallow Zone and decrease with depth. Noteworthy exceptions are as follows:

- Barium detections tend to be higher in Middle Zone wells than in Shallow or Deep Zone wells;
- Iron detections tend to be higher in Middle Zone wells than in Shallow or Deep Zone wells; and
- Chromium (and hexavalent chromium when detected) detections tend to be appreciably higher in the Deep Zone than in either of the overlying zones.

7.6 PERCHLORATE

Perchlorate was detected at appreciably higher frequencies in the Shallow Zone than in the Middle and Deep Zones during the 2010/2011 monitoring events. Average and maximum perchlorate detections during the 2010/2011 events are summarized in Tables 7-1a and 7-1b. As seen in those tables, Shallow Zone detections are several orders of magnitude higher than those in the Middle or Deep Zone (when detected).

7.7 TOTAL DISSOLVED SOLIDS

Average and maximum TDS measurements during the 2010/2011 events are summarized in Tables 7-1a and 7-1b. As seen in those tables, Shallow Zone TDS is generally an order of magnitude higher than TDS in the Middle Zone, which is in turn an order of magnitude higher than TDS in the Deep Zone.

Average and maximum pH measurements during the 2010/2011 events are summarized in Tables 7-1a and 7-1b. As seen in those tables, on average, Shallow and Middle Zone pH measurements are generally comparable, and Deep Zone measurements are noticeably higher. On average, pH measurements were higher during the 2011 events than during the 2010 events.

7.8 RADIONUCLIDES

As discussed in Sections 4.8, 5.8, and 6.8, radionuclides were routinely detected in the majority of the Shallow, Middle, and Deep Zone samples in which they were analyzed. Average and maximum radionuclide activities during the 2010/2011 events are summarized in Tables 7-1a and 7-1b. As seen in those tables, radionuclide detections in the Deep Zone were generally lower than those in the other two zones. The only exception is radon-222, which generally had the highest concentrations in Deep Zone wells, lower concentrations in Shallow Zone wells, and the lowest concentrations in Middle Zone wells.

8.0 RECOMMENDATIONS FOR FUTURE ACTIVITIES

As presented in the 2009 Annual CAMU Monitoring Report (BRC and ERM 2010a), as modified in NDEP's March 30, 2010, approval letter, and as presented in this report, BRC sampled the following 24 monitoring wells in the CAMU vicinity as part of the monitoring program implemented from 2009 through 2011:

Hydraulic Position	Well IDs
<i>Shallow Zone</i>	
Upgradient	AA-MW-07 AA-BW-08A AA-BW-09A AA-BW-12A EC-2 MCF-BW-11A
Crossgradient	AA-BW-01A AA-BW-02A AA-BW-03A
Downgradient	H-28 H-43 AA-BW-04A AA-BW-05A AA-BW-06A M7B
<i>Middle Zone</i>	
Upgradient	MC-MW-10 MC-MW-11 MC-MW-12
Downgradient	MC-MW-30 MC-MW-31
<i>Deep Zone</i>	
Upgradient	MW-8 DMC-MW-28
Downgradient	TR-11 TR-12

As described in the prior sections, the 2010/2011 monitoring events have resulted in consistent data, which should be acceptable for use as baseline conditions, against which future monitoring data can be compared. The 2009 data may also be useful for this purpose; however, during this period the CAMU was being constructed.

BRC intends to initiate a long-term monitoring program to assess for potential impacts due to CAMU operations. Specifically, the goal of the long-term monitoring is to solely allow for

detection of leaks in the CAMU, and not to support a broader effort at sub-surface characterization. The planned scope of that program has been presented to NDEP in an October 28, 2011, Technical Memorandum prepared by BRC. As noted in that memorandum, finalization of the long-term monitoring parameters (i.e., the wells to be sampled, the frequency of sampling, and the analytes to be sampled) will be data driven based on the findings of the baseline monitoring described in this report.

As presented in BRC's October 2011 Technical Memorandum, BRC's proposed approach to the long-term CAMU monitoring program would include the following elements:

1. Monitoring by BRC would be limited to existing wells screened in the first water-bearing zone only. As is customary, the CAMU was designed with a leachate layer, leachate collection sumps, and associated vadose zone sumps to allow for the collection of any liquids that would be generated as part of the construction of the CAMU – i.e., construction dust-mitigation watering and storm water. BRC monitors the leachate collection sumps and, as expected, the water volumes continue to diminish over time. The leachate collection sumps will continue to be monitored and reported to the NDEP, as required under the Remedial Action Plan. If it is established that the CAMU is leaking and that the first water-bearing zone is impacted by the CAMU, only then would the monitoring be expanded to other water-bearing zones.
2. BRC would only monitor existing downgradient wells that are currently part of the baseline program (i.e., AA-BW-04A, AA-BW-05A, AA-BW-06A, H-28, H-43, and M7B). Because upgradient wells show contamination by others, those entities should monitor these wells until such time as they have cleaned up upgradient water to acceptable NDEP-approved standards. At that point BRC would assume responsibility for upgradient monitoring. Any monitoring by BRC would be coordinated so that time-congruent data would be collected for the upgradient and downgradient wells.
3. Data collected in the downgradient wells would be compared against the range of concentration data that have been collected in the baseline set of events (and also other historic and future events where it is clear that these events were not due to CAMU impacts) to determine if there are any statistically significant positive deviations (i.e., increases) against this range.

4. If any statistically significant increases are identified under Item 3, above, BRC would review the upgradient data to determine if the increases were a result of increased upgradient concentrations, as opposed to potential leaks from the CAMU.
5. Based on Items 3 and 4, above, if increased downgradient concentrations are ruled out as being a result of upgradient/cross-gradient impacts, BRC would investigate in more detail the possibility that the CAMU could be the source of such increases. At that time, BRC would confer with NDEP to determine whether it would be appropriate to modify the monitoring program or implement any mitigation actions.
6. BRC will continue to closely monitor the various sumps at the CAMU and to report monitoring observations to NDEP on a routine basis.
7. Selection of the analytes to be included in the monitoring program would be based on the analytes detected in the leachate sump water.

The specifics of the approach to be used for identifying CAMU-related impacts to groundwater are better deferred until such time as impacts are suspected and the associated analytes have been identified. BRC expects that the approach would be consistent with statistical principles and methods described in USEPA's (2009) *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities—Unified Guidance*. Following that guidance, widely accepted statistical principles and tools would be systematically applied to:

- Visualize the data;
- Handle non-detected values;
- Establish baseline and upgradient reference levels; and
- Compare to standards, baseline, and/or upgradient reference.

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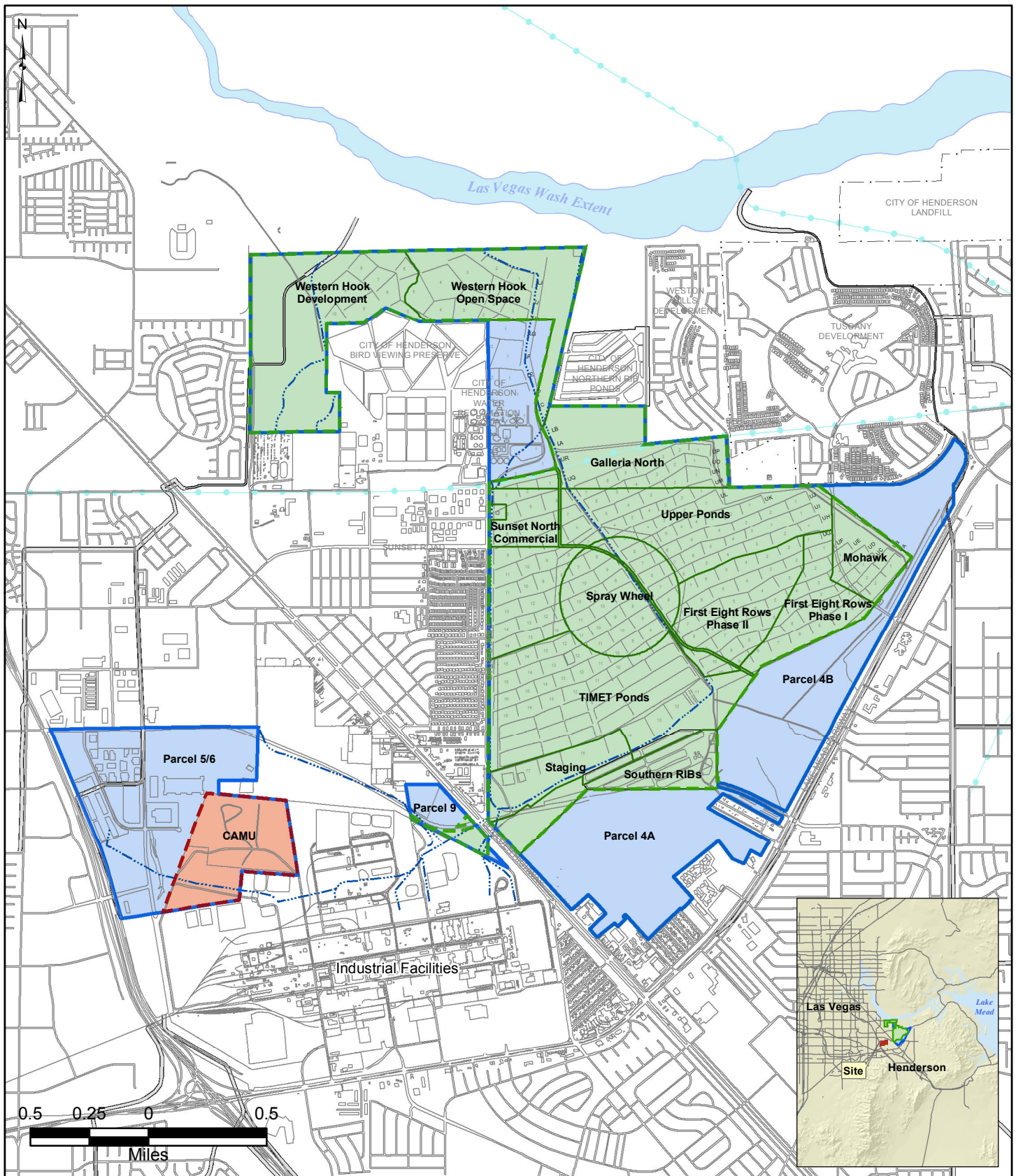
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FIGURES



- Site AOC3 Boundary
- Site Soil Boundary
- CAMU Site

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE 1-1
SITE LOCATION MAP

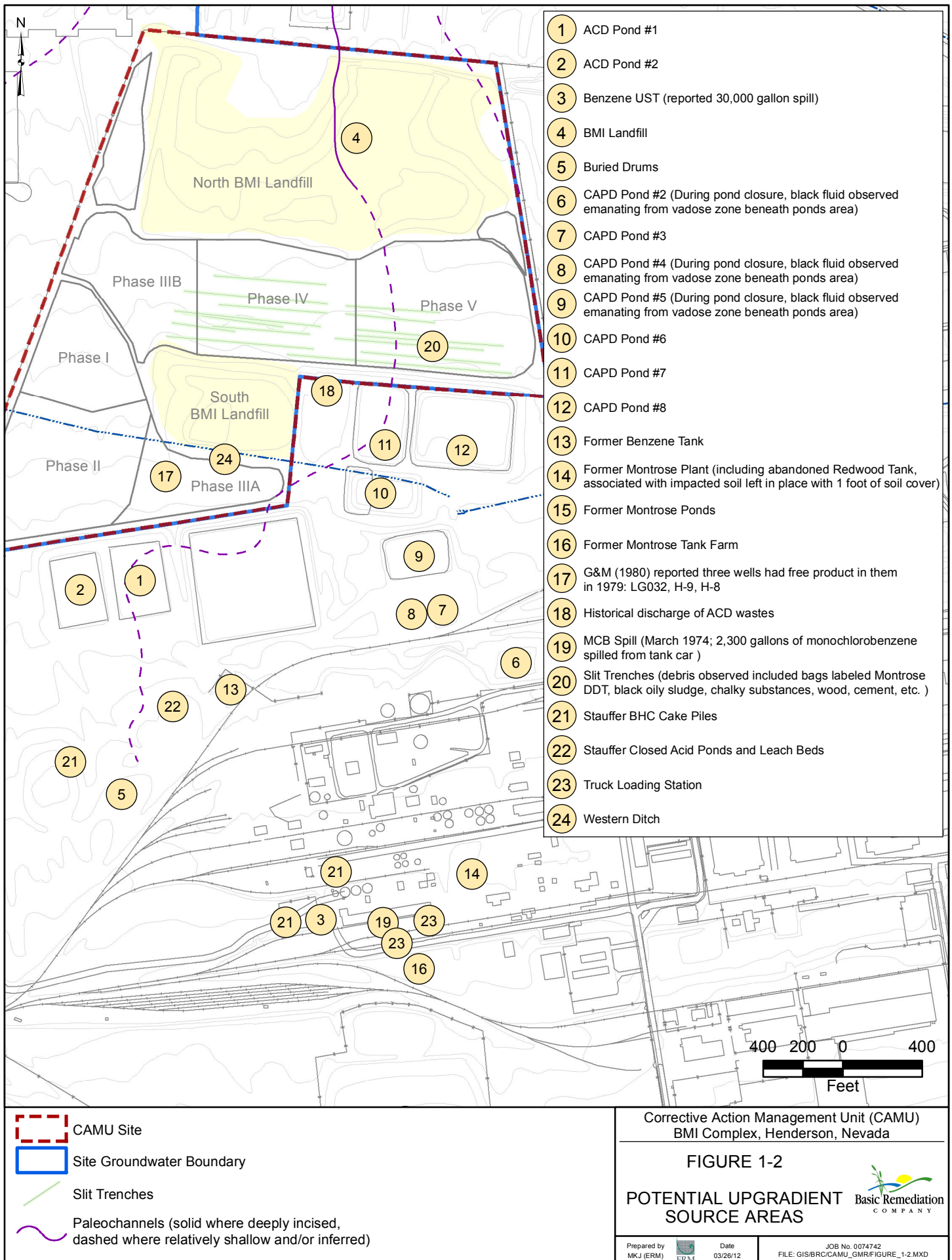


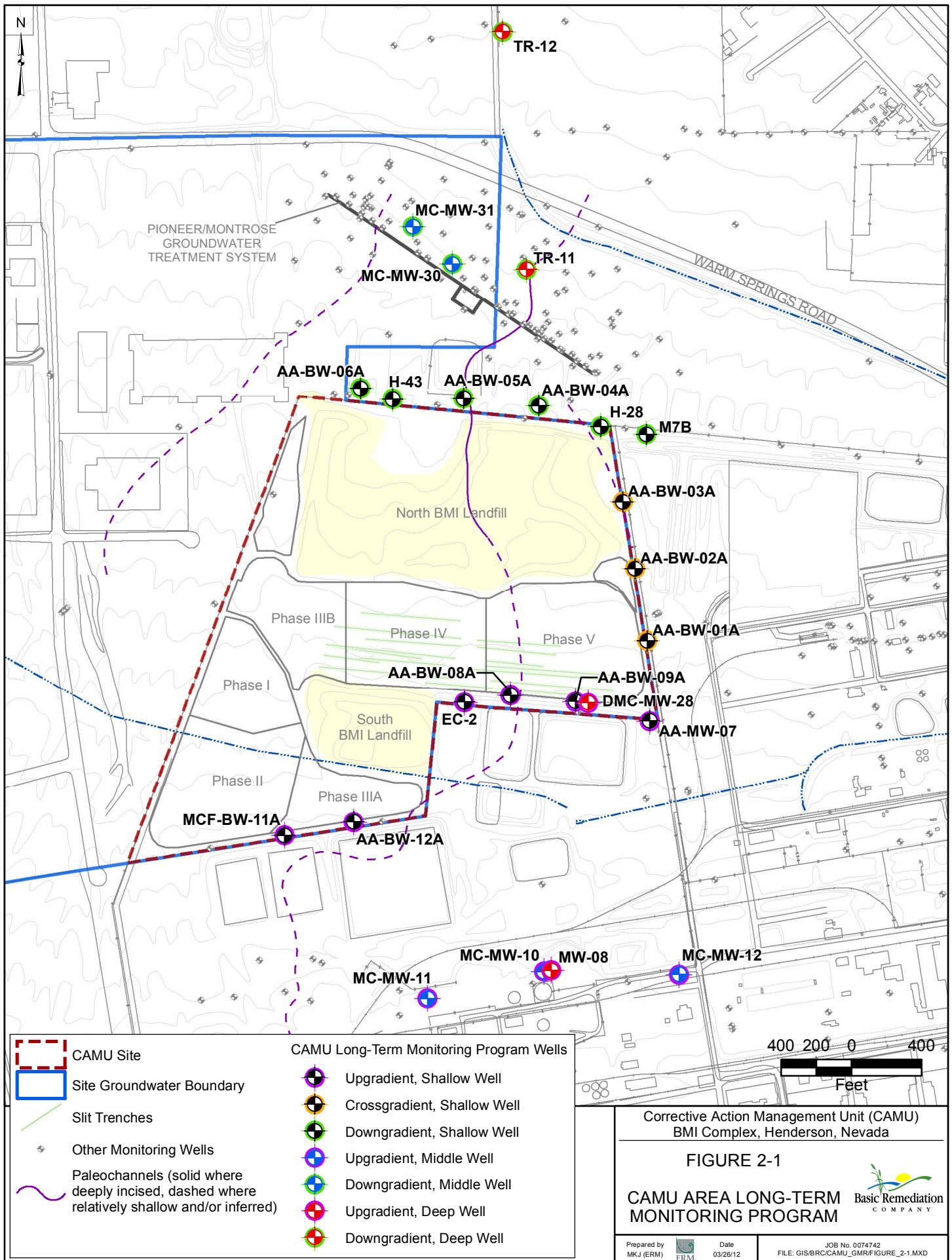
Prepared by
MKJ (ERM)



Date
03/26/12

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Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE 2-1

CAMU AREA LONG-TERM MONITORING PROGRAM

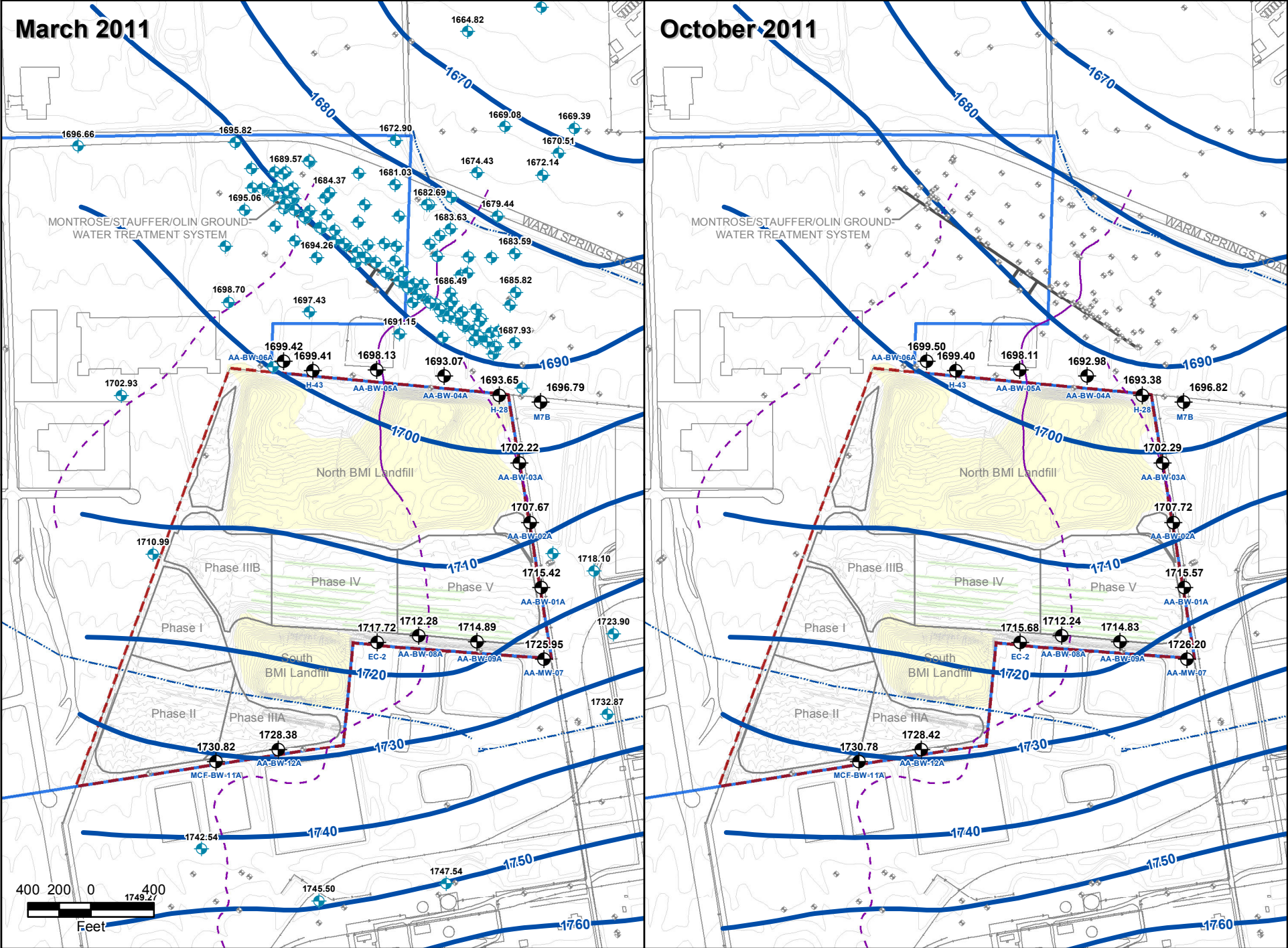
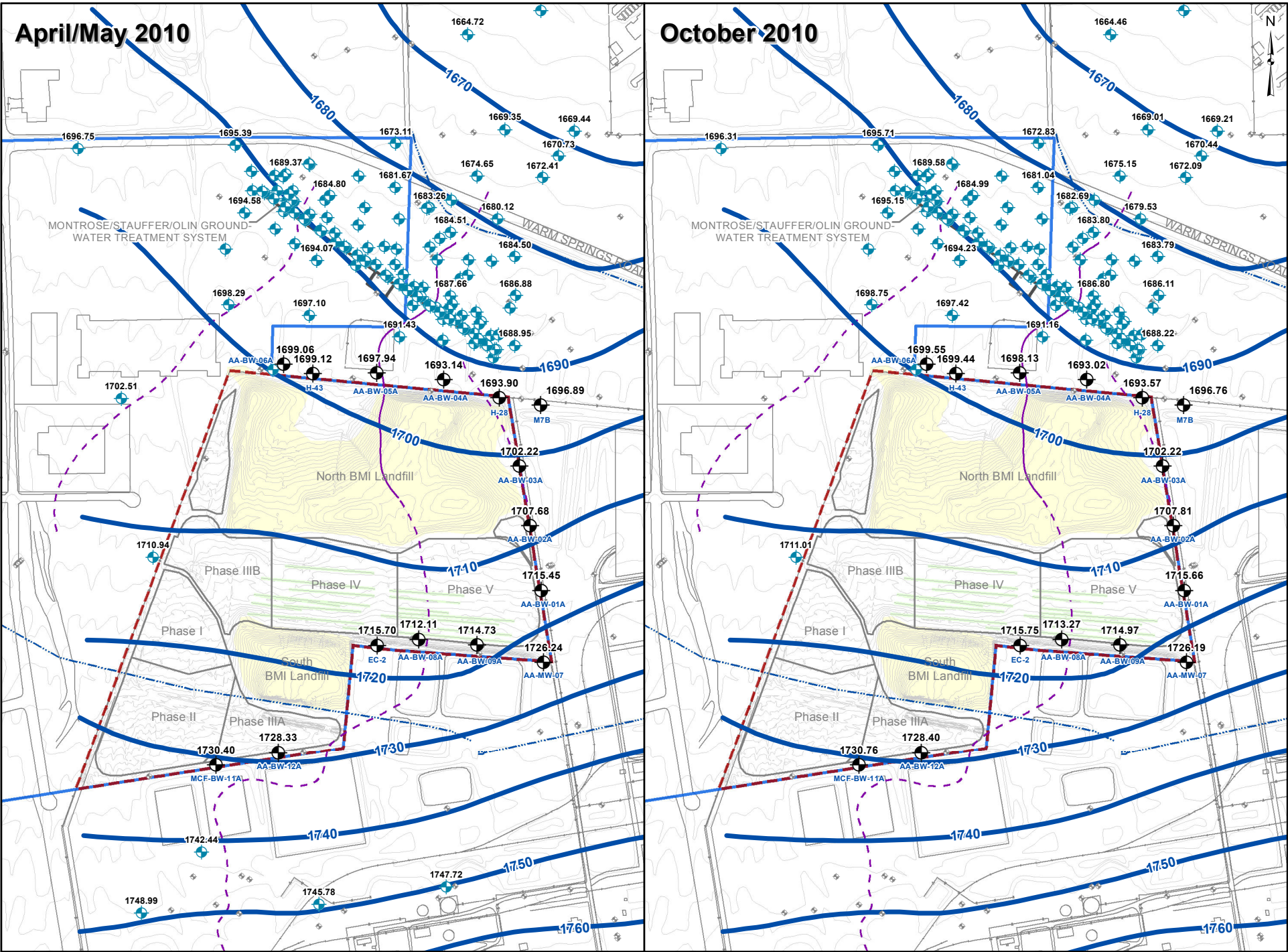


Prepared by
MKJ (ERM)



Date
03/26/12

JOB No. 0074742
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CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Shallow Zone Monitoring Wells with Data

Other Shallow Zone Monitoring Wells with Data*

Water Level Contour
(dashed where interred)

Paleochannels (solid where deeply incised,
dashed where relatively shallow and/or inferred)

Note: Measurements are in feet above mean sea level (ft msl). Contours based on shallow zone wells only. WNM = Well Not Measured. *Elevations are shown for representative wells only in the treatment system area.

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE 3-1

POTENTIOMETRIC
SURFACE MAP OF THE
SHALLOW WATER-
BEARING ZONE WELLS

Prepared by
MKJ (ERM)

Date
03/26/12

JOB No. 0074742
FILE: GIS\BRC\CAMU_GMR\FIGURES\MXD

Basic Remediation
COMPANY

TABLES

TABLE 2-1
WELLS INCLUDED IN CAMU AREA MONITORING PROGRAM
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 1)

Well ID	Owner	Depth to Top of Screen (ft bgs)	Depth to Bottom of Screen (ft bgs)	Hydro-geologic Zone	Rationale
AA-BW-01A	BRC	33	53	Shallow	Monitors shallow impacts crossgradient at southeast CAMU
AA-BW-02A	BRC	33	53	Shallow	Monitors impacts at eastern CAMU; defines eastern boundary of offsite plants area plumes
AA-BW-03A	BRC	33	53	Shallow	Monitors impacts at eastern CAMU; defines eastern boundary of offsite plants area plumes
AA-BW-04A	BRC	32	52	Shallow	Monitors impacts downgradient of northern CAMU and central axes of upgradient plants area plumes
AA-BW-05A	BRC	34	64	Shallow	Monitors impacts downgradient of northern CAMU and upgradient plants area plumes
AA-BW-06A	BRC	23	43	Shallow	Monitors impacts downgradient of northwestern CAMU
AA-BW-08A	BRC	37.5	57.5	Shallow	Monitors impacts upgradient at southeast CAMU
AA-BW-09A	BRC	33	53	Shallow	Monitors impacts upgradient at southeast CAMU
AA-BW-12A	BRC	49	69	Shallow	Monitors impacts upgradient of southwest CAMU
AA-MW-07	Companies	30.5	70.5	Shallow	Monitors impacts upgradient at southeast CAMU
EC-2	Companies	50	70	Shallow	Monitors impacts upgradient at center of southern CAMU
H-28	Companies	37.4	50.5	Shallow	Monitors impacts at northeastern CAMU; defines northeastern boundary of offsite plants area plumes
H-43	Companies	29	44	Shallow	Monitors impacts downgradient of northern CAMU and upgradient plants area plumes
M7B	Tronox	25.5	50.5	Shallow	Monitors impacts at northeastern CAMU; defines northeastern boundary of offsite plants area plumes
MCF-BW-11A	BRC	57	72	Shallow	Monitors UMCf water levels, vertical gradients, and deeper impacts upgradient of southwest CAMU
MC-MW-10	Companies	85	115	Middle	Monitors upgradient impacts in plants area
MC-MW-11	Companies	100.5	120.5	Middle	Monitors upgradient impacts in plants area
MC-MW-12	Companies	100	120	Middle	Monitors upgradient impacts in plants area
MW-8	Companies	275	295	Deep	Monitors upgradient impacts in plants area
DMC-MW-28	Companies	230	260	Deep	Well that will monitor upgradient impacts
MC-MW-30	Companies	36.5	46.5	Middle	Well that will monitor downgradient impacts
MC-MW-31	Companies	39.5	49.5	Middle	Well that will monitor downgradient impacts
TR-11	Companies	210	230	Deep	Monitoring multiple impacts to north of CAMU (downgradient of extraction wells)
TR-12	Companies	272	292	Deep	Monitoring multiple impacts to north of CAMU (downgradient of extraction wells)

Notes:

ft bgs = feet below ground surface

-- = data not available

TABLE 2-2
CONSTRUCTION DETAILS FOR WELLS INCLUDED IN CAMU AREA MONITORING PROGRAM
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 1)

Well ID	Owner	Date Installed	TOC Elevation (ft amsl)	Grade Elevation (ft amsl)	Depth to Qal/UMCf Contact (ft bgs)	Depth to Top of Screen (ft bgs)	Depth to Bottom of Screen (ft bgs)	Screen Length (ft)	Units Screened	Hydrogeologic Zone	Total Borehole Depth (ft bgs)	Contact Elevation (ft amsl)	Screen Top Elevation (ft amsl)	Screen Bottom Elevation (ft amsl)	Casing/Screen Type	Diameter (inches)	Screen Slot (inches)	Full Log available?
AA-BW-01A	BRC	03/09/05	1754.56	1752.84	46	33	53	20	Qal/UMCf 7'	Shallow	60	1706.84	1719.84	1701.56	Sch 80 PVC	4	0.01	Yes
AA-BW-02A	BRC	03/08/05	1748.80	1746.78	42	33	53	20	Qal/UMCf 11'	Shallow	60	1704.78	1713.78	1695.8	Sch 80 PVC	4	0.01	Yes
AA-BW-03A	BRC	03/02/05	1741.63	1739.48	42.5	33	53	20	Qal/UMCf 10.5'	Shallow	60	1696.98	1706.48	1688.63	Sch 80 PVC	4	0.01	Yes
AA-BW-04A	BRC	02/24/05	1731.49	1729.47	51	32	52	20	Qal/UMCf 1'	Shallow	60	1678.47	1697.47	1677.47	Sch 80 PVC	4	0.01	Yes
AA-BW-05A	BRC	02/12/05	1731.40	1729.21	64	34	64	30	Qal	Shallow	200	1665.21	1695.21	1665.21	Sch 80 PVC	4	0.01	Yes
AA-BW-06A	BRC	03/10/05	1731.40	1729.28	42	23	43	20	Qal/UMCf 1'	Shallow	50	1687.28	1706.28	1686.28	Sch 80 PVC	4	0.01	Yes
AA-BW-08A	BRC	03/15/05	1763.18	1761.28	58	37.5	57.5	20	Qal	Shallow	75	1703.28	1723.78	1703.78	Sch 80 PVC	4	0.01	Yes
AA-BW-09A	BRC	03/11/05	1763.12	1761.59	51	33	53	20	Qal/UMCf 2'	Shallow	60	1710.59	1728.59	1708.59	Sch 80 PVC	4	0.01	Yes
AA-BW-12A	BRC	02/15/05	1778.54	1776.54	60	49	69	20	Qal/UMCf 9'	Shallow	200	1716.54	1727.54	1707.54	Sch 80 PVC	4	0.01	Yes
AA-MW-07	Companies	09/12/06	1764.22	1761.91	70	30.5	70.5	40	Qal	Shallow	90	1691.91	1731.41	1691.41	Sch 40 PVC	4	0.02	Yes
EC-2	Companies	02/10/98	1771.43	--	66	50	70	20	Qal/UMCf 4'	Shallow	70	--	--	--	Sch 40 PVC	4	0.02	Yes
H-28	Companies	02/18/80	1730.33	1729.13	44.5	37.4	50.5	13.1	Qal/UMCf 6.5'	Shallow	51	1684.63	1691.73	1678.63	Steel	6	--	Yes
H-43	Companies	08/17/81	1729.82	1728.20	45.5	29	44	15	Qal	Shallow	55	1682.70	1699.20	1684.20	Steel	5	--	Yes
M7B	Tronox	12/02/98	1732.83	1730.35	29.5	25.5	50.5	25	Qal/UMCf 21'	Shallow	52.5	1700.85	1704.85	1679.85	PVC	2	0.02	Yes
MCF-BW-11A	BRC	03/23/05	1778.38	1776.18	52	57	72	15	UMCf cg	Shallow	80	1724.18	1719.18	1704.18	Sch 80 PVC	4	0.01	Yes
MC-MW-10	Companies	09/21/06	1803.90	1801.21	58	85	115	20	UMCf	Middle	160	1743.21	1716.21	1686.21	PVC	4	0.01	Yes
MC-MW-11	Companies	09/26/06	1804.50	1801.94	60	100.5	120.5	20	UMCf	Middle	160	1741.94	1701.44	1681.44	PVC	4	0.01	Yes
MC-MW-12	Companies	09/28/06	1797.49	1797.38	70	100	120	20	UMCf	Middle	127	1727.38	1697.38	1677.38	PVC	4	0.01	Yes
MW-8	Companies	08/27/04	1803.63	1800.95	54	275	295	20	UMCf cg	Deep	302	1746.95	1525.95	1505.95	St.Steel	4	0.02	Yes
DMC-MW-28	Companies	06/24/09	1763.03	1760.62	65	230	260	30	UMCf	Deep	295	1695.62	1530.62	1500.62	St.Steel	4	0.01	Yes
MC-MW-30	Companies	06/05/09	1718.23	1715.64	31	36.5	46.5	10	UMCf	Middle	150	1684.64	1679.14	1669.14	Sch 80 PVC	2	0.01	Yes
MC-MW-31	Companies	06/04/09	1716.85	1714.47	34	39.5	49.5	10	UMCf	Middle	150	1680.47	1674.97	1664.97	Sch 80 PVC	2	0.01	Yes
TR-11	Companies	10/01/99	1717.12	1714.80	50	210	230	20	UMCf cg	Deep	255	1664.80	1504.80	1484.80	PVC	4	0.02	Yes
TR-12	Companies	10/16/99	1695.84	1693.44	43	272	292	20	UMCf cg	Deep	292.5	1650.44	1421.44	1401.44	PVC	4	0.02	Yes

ft bgs = Feet below ground surface.

ft amsl = Feet above mean sea level.

--- = Data not applicable or not available.

TABLE 2-3
ANALYTICAL PROGRAM FOR CAMU AREA MONITORING EVENTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 1)

Well ID	Zone Monitored	Frequency	Field Sampling				Laboratory Analytical Suite								
			Water Level Measurement	NAPL Measurement	Dissolved Oxygen (field) per SOP5a	Water Quality Sampling	General Chemistry (Ions)	VOCs	SVOCs	Organochlorine Pesticides	Metals	Water Quality Parameters (TDS, Hardness, Alkalinity)	Radionuclides including Radon	Perchlorate	PAHs (SIM)
AA-BW-01A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-BW-02A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-BW-03A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-BW-04A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-BW-05A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-BW-06A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-BW-08A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-BW-09A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-BW-12A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
AA-MW-07	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
EC-2	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
H-28	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
H-43	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
M7B	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
MCF-BW-11A	Shallow	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
MC-MW-10	Middle	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	--
MC-MW-11	Middle	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	--
MC-MW-12	Middle	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	--
MW-8	Deep	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
DMC-MW-28	Deep	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
MC-MW-30	Middle	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	--
MC-MW-31	Middle	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	--
TR-11	Deep	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B
TR-12	Deep	Semi-Annual	B	B	B	B	B	B	B	B	B	B	B	B	B

Notes:

B = well sampled by BRC for the indicated parameter.

TDS = Total dissolved solid

--- = Well not sampled for indicated parameter.

TABLE 2-6
ANALYTES INCLUDED IN CAMU AREA MONITORING PROGRAM
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 5)

Parameter of Interest	Preparation Method	Analytical Method	Compound List	CAS Number	Laboratory Limits	
Ions	EPA 300.0	EPA 300.0	Bromide	24959-67-9	0.25	mg/L
			Bromine	7726-95-6	0.5	mg/L
			Chlorate	14866-68-3	0.5	mg/L
			Chloride	16887-00-6	0.2	mg/L
			Chlorine (soluble)	7782-50-5	0.5	mg/L
			Chlorite	14998-27-7	0.02	mg/L
			Fluoride	16984-48-8	0.1	mg/L
			Ion Balance		NA	--
			Nitrate (as N)	14797-55-8	0.02	mg/L
			Nitrite (as N)	14797-65-0	0.02	mg/L
			Orthophosphate	14265-44-2	0.5	mg/L
			Sulfate	14808-79-8	0.5	mg/L
	EPA 6850	EPA 6850	Perchlorate	14797-73-0	4	µg/L
Metals	EPA 3010M	EPA 6020/6010B	Aluminum	7429-90-5	30	µg/L
			Antimony	7440-36-0	5	µg/L
			Arsenic	7440-38-2	0.95	µg/L
			Barium	7440-39-3	2	µg/L
			Beryllium	7440-41-7	0.5	µg/L
			Boron	7440-42-8	50	µg/L
			Cadmium	7440-43-9	0.5	µg/L
			Calcium	7440-70-2	100	µg/L
			Chromium	7440-47-3	10	µg/L
			Cobalt	7440-48-4	2	µg/L
			Copper	7440-50-8	1	µg/L
			Iron	7439-89-6	50	µg/L
			Lead	7439-92-1	3	µg/L
			Lithium	1313-13-9	50	µg/L
			Magnesium	7439-95-4	50	µg/L
			Manganese	7439-96-5	2	µg/L
			Molybdenum	7439-98-7	5	µg/L
			Nickel	7440-02-0	5	µg/L
			Potassium	7440-09-7	100	µg/L
			Selenium	7782-49-2	5	µg/L
			Silver	7440-22-4	2	µg/L
			Sodium	7440-23-5	50	µg/L
			Strontium	7440-24-6	5	µg/L
			Thallium	7440-28-0	2	µg/L
			Tin	7440-31-5	2	µg/L
			Titanium	7440-32-6	2	µg/L
			Tungsten	7440-33-7	5	µg/L
			Uranium	7440-61-1	1	µg/L
			Vanadium	7440-62-2	10	µg/L
			Zinc	7440-66-6	10	µg/L
	EPA 3060A	EPA 7196A	Chromium (VI)	18540-29-9	10	µg/L
	EPA 7470A	EPA 7470A	Mercury	7439-97-6	0.2	µg/L
Organochlorine Pesticides	EPA 3520C	EPA 8081A	2,4'-DDD	53-19-0	0.05	µg/L
			2,4'-DDE	3424-82-6	0.05	µg/L
			4,4'-DDD	72-54-8	0.05	µg/L
			4,4'-DDE	72-55-9	0.05	µg/L
			4,4'-DDT	50-29-3	0.05	µg/L
			Aldrin	309-00-2	0.05	µg/L
			alpha-BHC	319-84-6	0.05	µg/L
			alpha-Chlordane	5103-71-9	0.05	µg/L
			beta-BHC	319-85-7	0.05	µg/L
			Chlordane	57-74-9	0.5	µg/L
			delta-BHC	319-86-8	0.05	µg/L
			Dieldrin	60-57-1	0.05	µg/L

TABLE 2-6
ANALYTES INCLUDED IN CAMU AREA MONITORING PROGRAM
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 2 of 5)

Parameter of Interest	Preparation Method	Analytical Method	Compound List	CAS Number	Laboratory Limits
Organochlorine Pesticides (continued)			Endosulfan I	959-98-8	0.05 µg/L
			Endosulfan II	33213-65-9	0.05 µg/L
			Endosulfan sulfate	1031-07-8	0.05 µg/L
			Endrin	72-20-8	0.05 µg/L
			Endrin aldehyde	7421-93-4	0.05 µg/L
			Endrin ketone	53494-70-5	0.05 µg/L
			gamma-BHC (Lindane)	58-89-9	0.05 µg/L
			gamma-Chlordane	5103-74-2	0.05 µg/L
			Heptachlor	76-44-8	0.05 µg/L
			Heptachlor epoxide	1024-57-3	0.05 µg/L
			Methoxychlor	72-43-5	0.1 µg/L
			Toxaphene	8001-35-2	2 µg/L
Polynuclear Aromatic Hydrocarbons	EPA 3510C	EPA 8270SIM	Acenaphthene	83-32-9	5 µg/L
			Acenaphthylene	208-96-8	5 µg/L
			Anthracene	120-12-7	5 µg/L
			Benzo(a)anthracene	56-55-3	5 µg/L
			Benzo(a)pyrene	50-32-8	5 µg/L
			Benzo(b)fluoranthene	205-99-2	5 µg/L
			Benzo(g,h,i)perylene	191-24-2	5 µg/L
			Benzo(k)fluoranthene	207-08-9	5 µg/L
			Chrysene	218-01-9	5 µg/L
			Dibenzo(a,h)anthracene	53-70-3	5 µg/L
			Indeno(1,2,3-cd)pyrene	193-39-5	5 µg/L
			Phenanthrene	85-01-8	5 µg/L
			Pyrene	129-00-0	5 µg/L
Radionuclides	HASL 300	EPA 903.1	Radium-226	13982-63-3	1.0 pCi/L
		EPA 904.0	Radium-228	15262-20-1	1.0 pCi/L
	HASL 300 (Total Dissolution)	HASL A-01-R	Thorium-228	14274-82-9	1.0 pCi/L
			Thorium-230	14269-63-7	1.0 pCi/L
			Thorium-232	7440-29-1	1.0 pCi/L
	HASL 300 (Total Dissolution)		Uranium-233/234	U-233/234	1.0 pCi/L
			Uranium-235/236	U-235/236	1.0 pCi/L
			Uranium-238	7440-61-1	1.0 pCi/L
Radon	SM7500	SM7500	Radon-222	14859-67-7	10 pCi/L
Semivolatile Organic Compounds	EPA 3510C	EPA 8270C	1,2,4,5-Tetrachlorobenzene	95-94-3	10 µg/L
			1,2-Diphenylhydrazine	122-66-7	10 µg/L
			1,4-Dioxane	123-91-1	10 µg/L
			2,4,5-Trichlorophenol	95-95-4	10 µg/L
			2,4,6-Trichlorophenol	88-06-2	10 µg/L
			2,4-Dichlorophenol	120-83-2	10 µg/L
			2,4-Dimethylphenol	105-67-9	10 µg/L
			2,4-Dinitrophenol	51-28-5	50 µg/L
			2,4-Dinitrotoluene	121-14-2	10 µg/L
			2,6-Dinitrotoluene	606-20-2	10 µg/L
			2-Chloronaphthalene	91-58-7	10 µg/L
			2-Chlorophenol	95-57-8	10 µg/L
			2-Methylnaphthalene	91-57-6	10 µg/L
			2-Nitroaniline	88-74-4	50 µg/L
			2-Nitrophenol	88-75-5	10 µg/L
			3,3'-Dichlorobenzidine	91-94-1	50 µg/L
			3-Nitroaniline	99-09-2	50 µg/L
			2,2'-Dichlorobenzil	21854-95-5	10 µg/L
			4-Bromophenyl phenyl ether	101-55-3	10 µg/L
			4-Chloro-3-methylphenol	59-50-7	10 µg/L
			4-Chlorophenyl phenyl ether	7005-72-3	10 µg/L
			4-Chlorothiobanisole	123-09-1	50 µg/L
			4-Chlorothiophenol	106-54-7	10 µg/L
			4-Nitroaniline	100-01-6	50 µg/L

TABLE 2-6
ANALYTES INCLUDED IN CAMU AREA MONITORING PROGRAM
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Parameter of Interest	Preparation Method	Analytical Method	Compound List	CAS Number	Laboratory Limits
Semivolatile Organic Compounds (continued)	EPA 3510C		4-Nitrophenol	100-02-7	50 µg/L
			Acetophenone	98-86-2	10 µg/L
			Aniline	62-53-3	10 µg/L
			Benzoic acid	65-85-0	50 µg/L
			Benzyl alcohol	100-51-6	10 µg/L
			bis(2-Chloroethoxy)methane	111-91-1	10 µg/L
			bis(2-Chloroethyl) ether	111-44-4	10 µg/L
			bis(2-Chloroisopropyl) ether	108-60-1	10 µg/L
			bis(2-Ethylhexyl) phthalate	117-81-7	10 µg/L
			bis(p-Chlorophenyl) sulfone	80-07-9	10 µg/L
			bis(p-Chlorophenyl)disulfide	1142-19-4	10 µg/L
			Butylbenzylphthalate	85-68-7	10 µg/L
			Carbazole	86-74-8	10 µg/L
			Dibenzofuran	132-64-9	10 µg/L
			Diethyl phthalate	84-66-2	10 µg/L
			Dimethyl phthalate	131-11-3	10 µg/L
			Di-n-butyl phthalate	84-74-2	10 µg/L
			Di-n-octyl phthalate	117-84-0	10 µg/L
			Diphenyl disulfide	882-33-7	10 µg/L
			Diphenyl sulfide	139-66-2	10 µg/L
			Diphenyl sulfone	127-63-9	10 µg/L
			Fluoranthene	206-44-0	10 µg/L
			Fluorene	86-73-7	10 µg/L
			Hexachlorobenzene	118-74-1	50 µg/L
			Hexachlorobutadiene	87-68-3	50 µg/L
			Hexachlorocyclopentadiene	77-47-4	50 µg/L
			Hexachloroethane	67-72-1	10 µg/L
			Hydroxymethyl phthalimide	118-29-6	10 µg/L
			Isophorone	78-59-1	10 µg/L
			m,p-Cresol	65794-96-9	20 µg/L
			Naphthalene	91-20-3	10 µg/L
			Nitrobenzene	98-95-3	10 µg/L
			N-nitrosodi-n-propylamine	621-64-7	10 µg/L
			o-Cresol	95-48-7	10 µg/L
			Octachlorostyrene	29082-74-4	10 µg/L
			p-Chloroaniline (4-Chloroaniline)	106-47-8	10 µg/L
			Pentachlorobenzene	608-93-5	10 µg/L
			Pentachlorophenol	87-86-5	50 µg/L
			Phenol	108-95-2	10 µg/L
			Pyridine	110-86-1	20 µg/L
			Thiophenol	108-98-5	10 µg/L
			Tentatively Identified Compounds (TICs)		NA µg/L
Volatile Organic Compounds	EPA 5030B	EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	1 µg/L
			1,1,1-Trichloroethane	71-55-6	1 µg/L
			1,1,2,2-Tetrachloroethane	79-34-5	1 µg/L
			1,1,2-Trichloroethane	79-00-5	1 µg/L
			1,1-Dichloroethane	75-34-3	1 µg/L
			1,1-Dichloroethene	75-35-4	1 µg/L
			1,1-Dichloropropene	563-58-6	1 µg/L
			1,2,3-Trichlorobenzene	87-61-6	1 µg/L
			1,2,3-Trichloropropane	96-18-4	1 µg/L
			1,2,4-Trichlorobenzene	120-82-1	1 µg/L
			1,2,4-Trimethylbenzene	95-63-6	1 µg/L
			1,2-Dichlorobenzene	95-50-1	1 µg/L
			1,2-Dichloroethane	107-06-2	1 µg/L
			1,2-Dichloropropane	78-87-5	1 µg/L
			1,3,5-Trichlorobenzene	108-70-3	5 µg/L
			1,3,5-Trimethylbenzene	108-67-8	1 µg/L

TABLE 2-6
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Parameter of Interest	Preparation Method	Analytical Method	Compound List	CAS Number	Laboratory Limits	
Volatile Organic Compounds (continued)	EPA 5030B		1,3-Dichlorobenzene	541-73-1	1	µg/L
			1,3-Dichloropropane	142-28-9	1	µg/L
			1,4-Dichlorobenzene	106-46-7	1	µg/L
			2,2-Dichloropropane	594-20-7	1	µg/L
			2,2-Dimethylpentane	590-35-2	1	µg/L
			2,2,3-Trimethylbutane	464-06-2	1	µg/L
			2,3-Dimethylpentane	565-59-3	1	µg/L
			2,4-Dimethylpentane	108-08-7	1	µg/L
			2-Chlorotoluene	95-49-8	1	µg/L
			2-Hexanone	591-78-6	5	µg/L
			2-Methylhexane	591-76-4	1	µg/L
			2-Nitropropane	79-46-9	10	µg/L
			3,3-Dimethylpentane	562-49-2	1	µg/L
			3-Ethylpentane	617-78-7	10	µg/L
			3-Methylhexane	589-34-4	10	µg/L
			4-Chlorotoluene	106-43-4	1	µg/L
			4-Methyl-2-pentanone (MIBK)	108-10-1	5	µg/L
			Acetone	67-64-1	2	µg/L
			Acetonitrile	75-05-8	10	µg/L
			Benzene	71-43-2	1	µg/L
			Bromobenzene	108-86-1	1	µg/L
			Bromodichloromethane	75-27-4	1	µg/L
			Bromoform	75-25-2	1	µg/L
			Bromomethane	74-83-9	2	µg/L
			Carbon disulfide	75-15-0	1	µg/L
			Carbon tetrachloride	56-23-5	1	µg/L
			Chlorobenzene	108-90-7	1	µg/L
			Chlorobromomethane	74-97-5	1	µg/L
			Chlorodibromomethane	124-48-1	1	µg/L
			Chloroethane	75-00-3	2	µg/L
			Chloroform	67-66-3	1	µg/L
			Chloromethane	74-87-3	2	µg/L
			cis-1,2-Dichloroethene	156-59-2	1	µg/L
			cis-1,3-Dichloropropene	10061-01-5	1	µg/L
			Cymene (Isopropyltoluene)	99-87-6	1	µg/L
			Dibromochloroethane	73506-94-2	1	µg/L
			Dibromochloropropane	96-12-8	1	µg/L
			Dibromomethane	74-95-3	1	µg/L
			Dichloromethane (Methylene chloride)	75-09-2	1	µg/L
			Dimethyldisulfide	624-92-0	5	µg/L
			Ethanol	64-17-5	250	µg/L
			Ethylbenzene	100-41-4	1	µg/L
			Freon-11 (Trichlorofluoromethane)	75-69-4	1	µg/L
			Freon-113 (1,1,2-Trifluoro-1,2,2-trichloroethane)	76-13-1	1	µg/L
			Freon-12 (Dichlorodifluoromethane)	75-71-8	2	µg/L
			Heptane	142-82-5	1	µg/L
			Isoheptane (same as 2-Methylhexane)	31394-54-4	1	µg/L
			Isopropylbenzene	98-82-8	1	µg/L
			m,p-Xylene	136777-61-2	2	µg/L
			Methyl ethyl ketone (2-Butanone)	78-93-3	5	µg/L
			Methyl iodide	74-88-4	2	µg/L
			MTBE (Methyl tert-butyl ether)	1634-04-4	2	µg/L
			n-Butylbenzene	104-51-8	1	µg/L
			n-Propylbenzene	103-65-1	1	µg/L
			Nonanal	124-19-6	5	µg/L
			o-Xylene	95-47-6	1	µg/L
			sec-Butylbenzene	135-98-8	1	µg/L
			Styrene	100-42-5	1	µg/L

TABLE 2-6
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Parameter of Interest	Preparation Method	Analytical Method	Compound List	CAS Number	Laboratory Limits	
Volatile Organic Compounds (continued)	EPA 5030B		tert-Butylbenzene	98-06-6	1	µg/L
			Tetrachloroethene	127-18-4	1	µg/L
			Toluene	108-88-3	1	µg/L
			trans-1,2-Dichloroethene	156-60-5	1	µg/L
			trans-1,3-Dichloropropene	10061-02-6	1	µg/L
			Trichloroethene	79-01-6	1	µg/L
			Vinyl acetate	108-05-4	2	µg/L
			Vinyl chloride	75-01-4	2	µg/L
			Xylenes (total)	1330-20-7	3	µg/L
			Tentatively Identified Compounds (TICs)		NA	µg/L
Water Quality Parameters	EPA 130.2	EPA 130.2	Hardness, total	HARD	5	mg/L
	EPA 160.1	EPA 160.1	Total dissolved solids	10-33-3	5	mg/L
	EPA 310.1	EPA 310.1	Alkalinity, Total (as CaCO ₃)	ALKALINITY	5	mg/L
			Bicarbonate alkalinity	ALKB	5	mg/L
			Carbonate alkalinity	ALKC	5	mg/L
			Hydroxide alkalinity	OH-ALK	5	mg/L

Reporting Limits - Based on laboratory limits for primary laboratories (TestAmerica and GEL).

Laboratory limits are subject to matrix interferences and may not always be achieved in all samples.

The laboratory will be instructed to report the top 25 Tentatively Identified Compounds (TICs) under method 8260B and 8270C.

µg/L = micrograms per liter

mg/L = milligrams per liter

NA = Not applicable

pCi/L = picoCuries per liter

TABLE 2-7
SAMPLING REQUIREMENTS
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Method Class	Compound	Groundwater	
		Holding Time	Container/ Preservative
Ions	Bromide	28 days	250-mL poly (unpreserved)
	Bromine		
	Chlorate		
	Chloride		
	Chlorite		
	Fluoride		
	Iodide	48 hours	
	Nitrate		
	Nitrite		
	Orthophosphate	28 days	
	Sulfate		
	Perchlorate		
	Ion Balance	NA	NA
Metals	See Table 2-6	180 days	500-mL poly (HNO ₃)
	Hexavalent Chromium	24 hours	250 mL poly (unpreserved)
	Mercury	28 days	500-mL poly (HNO ₃)
Organochlorine Pesticides	See Table 2-6	7 days to extraction, 40 days to analysis	1-L amber (unpreserved)
Polynuclear Aromatic Hydrocarbons	See Table 2-6	7 days to extraction, 40 days to analysis	1-L amber (unpreserved)
Radionuclides	See Table 2-6	6 months	4-L poly (HNO ₃)
Semivolatile Organic Compounds	See Table 2-6	7 days to extraction, 40 days to analysis	1-L amber (unpreserved)
Volatile Organic Compounds	See Table 2-6	14 days	40-mL VOAs (HCl)
Water Quality Parameters	Hardness	6 months	1-L poly (HNO ₃)
	Conductivity	28 days	1-L poly (unpreserved)
	Total Dissolved Solids	7 days	
	Alkalinity	14 days	
		pH	Field Measurement

Note: A number of the methods (8270, 8081, 8082, 8151, and 8310) require addition of Na₂S₂O₃ if residual chlorine is present. This may be unnecessary for groundwater but is noted here for completeness.

TABLE 2-9
DATA VALIDATION QUALIFIERS AND REASON CODES
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Laboratory Qualifier	Definition
U	Organic and inorganic analyses: the analyte was not detected above the level of the reported sample quantitation limit.
B	Inorganic analyses: the analyte was detected between the method detection limit and the sample quantitation limit.
	Organic analyses: the analyte was detected in the associated method blank.
J	Organic analyses: the analyte was detected between the method detection limit and the sample quantitation limit.
E	Organic and inorganic analyses: the sample concentration was greater than the calibration's upper limit and should be considered to be an estimated value.
*	Inorganic analyses: the analytical duplicate precision was not within control limits.
N	Inorganic analyses: the matrix spike was not within control limits.
D	Organic and inorganic analyses: the sample result was diluted.

Functional Guidelines Validation Qualifier	Definition
J	The result is an estimated quantity. the associated numerical value is the approximate concentration of the analyte in the sample.
U	The analyte was detected, but qualified as nondetected during data validation due to blank contamination.
UJ	The nondetected analyte was qualified as estimated at the sample quantitation limit. The reported sample quantitation limit is approximate and may be inaccurate or imprecise.
R	The sample result is rejected and unusable due to serious deficiencies in meeting quality control criteria. The analyte may or may not be present in the sample.
J+	Inorganics analyses: the result is an estimated quantity, biased high. The associated numerical value is the approximate concentration of the analyte in the sample.
J-	Inorganics analyses: the result is an estimated quantity, biased low. The associated numerical value is the approximate concentration of the analyte in the sample.

TABLE 2-9
DATA VALIDATION QUALIFIERS AND REASON CODES
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Project- Specific Validation Qualifier	Definition
X	The analytical result is not used for reporting because a more accurate and precise result is reported in its place.
Z	The associated data has not been subjected to the data review/validation process.
J+	Organics analyses: the result is an estimated quantity, biased high. The associated numerical value is the approximate concentration of the analyte in the sample.
J-	Organics analyses: the result is an estimated quantity, biased low. The associated numerical value is the approximate concentration of the analyte in the sample.
J-TDS	Inorganic analysis: the analytical result is estimated based on failure of Total Dissolved Solids (TDS) correctness check performed in accordance with Standard Methods (see Section 5.1)
J-CAB	Inorganic analysis: the analytical result is estimated based on failure of cation-anion balance correctness check performed in accordance with Standard Methods
J-TDS&CAB	Inorganic analysis: the analytical result is unreliable based on failure of cation-anion balance and TDS correctness checks performed in accordance with Standard Methods.

Validation Reason Code	Definition
1	The sample preparation and/or analytical holding time was exceeded.
2 [#]	The analyte was detected below the report limit but above the method detection limit.
3	The analyte was detected in an associated laboratory blank sample.
4	The MS/MSD recovery was outside of control limits.
5	The LCS recovery was outside of control limits.
6 ^{##}	The MS/MSD RPD was outside of control limits.
7 ^{##}	The LCS RPD was outside of control limits.
8	The surrogate recovery was outside of control limits.
9 ^{##}	Level IV data validation qualification.
10	The sample chromatogram did not resemble the standard hydrocarbon pattern.
11	The sample concentration was greater than the instrument's calibration range.
12	The calibration criterion of RRF, %D, and/or %RSD was not met.

TABLE 2-9
DATA VALIDATION QUALIFIERS AND REASON CODES
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Validation Reason Code	Definition
13	The analyte was detected in field blank, rinsate blank, and/or trip blank sample.
14	The internal standards did not meet control criteria.
15	The serial dilution did not meet control criteria.
16	The difference between columns did not meet control criteria.
17	Field duplicates did not meet the 50% RPD control criterion.
18	Sample receipt temperature exceeded the acceptable range of from 4 to 6 degrees Celsius.
19	Analytical duplicate precision did not meet control criteria.
20	Headspace in vials containing water samples to be analyzed for volatiles.
21	The tracer yields did not meet control criteria.
22	The ratio of the measured TDS value to the mathematically calculated TDS sum was outside the specified error range (the cation-anion balance was within the error limits specified in Standard Methods).
23	The cation-anion balance was outside the error limits specified in Standard Methods (the ratio of the measured TDS value to the mathematically calculated TDS sum was within the specified error range).
24	The cation-anion balance was outside the error limits specified in Standard Methods, and the ratio of the measured TDS value to the mathematically calculated TDS sum was outside the specified error range.
25	Other

[#] This reason code is applied to data entries with lab qualifiers J or B, as defined above.

^{##} These reason codes were used in the validation of historical data and will not be used in current and future site investigations.

TABLE 2-10a
CATION-ANION BALANCE TABLE – APRIL/MAY 2010
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CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 6)

Summary of Cation-Anion Balance and Related Calculations

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and EC Input	
			Ca 2+ (mg/L)	Mg 2+ (mg/L)	Na 1+ (mg/L)	K 1+ (mg/L)	HCO ₃ 1- (mg/L)	SO ₄ 2- (mg/L)	Cl 1- (mg/L)	F 1- (mg/L)	NO ₃ 1- (mg/L)	ClO ₄ 1- (mg/L)	TDS Measured (mg/L)	EC Measured (umhos/cm)
AA-BW-01A	Shallow	6.70	970	1100	3000	33	210	1940	8080	1.7	ND	ND	21300	22600
AA-BW-02A	Shallow	6.65	730	740	2000	25	162	1400	5740	0.96	ND	ND	16000	15640
AA-BW-03A	Shallow	7.02	460	380	1300	21	115	1090	2890	0.62	0.013	ND	8860	10220
AA-BW-04A	Shallow	6.92	400	460	6300	54	502	2570	9810	0.9	0.075	ND	20900	25580
AA-BW-05A	Shallow	7.03	330	390	8500	81	725	4410	11800	0.9	ND	ND	26400	25670
AA-BW-06A	Shallow	7.03	260	150	1100	30	226	1050	1860	2.2	ND	ND	3860	7061
AA-BW-08A	Shallow	7.03	450	470	8000	59	332	2630	11300	0.44	ND	ND	19000	25580
AA-BW-09A	Shallow	6.48	1500	2100	18000	140	510	4440	28900	1.2	ND	0.175	77700	25520
AA-BW-12A	Shallow	6.69	280	200	1400	24	360	834	2360	0.012	ND	ND	6160	7087
AA-MW-07	Shallow	6.44	800	760	5200	51	176	2560	9850	1.3	ND	ND	17100	24300
DMC-MW-28 ⁽²⁾	Deep	7.83	42	22	160	7.3	68	210	190	0.69	2	0.00024	900 (3)	1350
EC-2	Shallow	6.02	480	380	5000	47	414	1590	7210	ND	ND	ND	17700	22880
H-28	Shallow	5.7	640	600	1600	23	195	1220	4270	0.88	ND	ND	11400	12310
H-43	Shallow	7.03	250	180	1100	28	278	1090	1850	2	1.9	ND	5000	6686
M7B	Shallow	5.72	630	420	1600	28	104	1680	3770	0.58	1.6	47.1	7100	11320
MCF-BW-11A	Shallow	5.52	61	29	200	12	115	238	236	0.74	0.46	0.00343	1060	1492
MC-MW-10 ⁽²⁾	Middle	6.85	480	390	3800	42	320	1.8	6900	ND	ND	0.0029	14000 (3)	2300
MC-MW-11 ⁽²⁾	Middle	6.50	57	24	180	11	84	240	240	0.92	ND	0.00033	850 (4)	1433
MC-MW-11-FD ⁽²⁾	Middle	6.50	57	24	180	11	86	240	240	0.92	ND	0.0003	850 (4)	1433

TABLE 2-10a
CATION-ANION BALANCE TABLE – APRIL/MAY 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and EC Input	
			Ca 2+ (mg/L)	Mg 2+ (mg/L)	Na 1+ (mg/L)	K 1+ (mg/L)	HCO ₃ 1- (mg/L)	SO ₄ 2- (mg/L)	Cl 1- (mg/L)	F 1- (mg/L)	NO ₃ 1- (mg/L)	ClO ₄ 1- (mg/L)	TDS Measured (mg/L)	EC Measured (umhos/cm)
MC-MW-12	Middle	7.83	29	15	160	9.2	85.6	181	153	0.54	0.011	0.00243	640	1126
MC-MW-30 ⁽²⁾	Middle	6.75	540	400	1700	37	92	990	4400	2.6	ND	ND	9900 (4)	13000
MC-MW-31 ⁽²⁾	Middle	6.72	290	ND	690	22	98	630	2000	1.3	0.89	ND	5300 (4)	7771
MW-8 ⁽²⁾	Deep	7.72	53	25	180	9.9	76	250	190	0.77	4.9	0.00046	1000 (3)	1490
TR-11 ⁽²⁾	Deep	7.87	41	24	160	8.8	80	210	170	0.85	5.2	0.00046	1200 (3)	1740
TR-12 ⁽²⁾	Deep	7.76	24	14	130	6.9	72	200	77	0.79	12	0.00065	700 (3)	1030

Summary of Charge Balance Error Check

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and Temperature		Density
			Ca 2+ (mg/L)	Mg 2+ (mg/L)	Na 1+ (mg/L)	K 1+ (mg/L)	HCO ₃ 1- (mg/L)	SO ₄ 2- (mg/L)	Cl 1- (mg/L)	F 1- (mg/L)	NO ₃ 1- (mg/L)	ClO ₄ 1- (mg/L)	Temp- erature Measured °C	TDS Measured (mg/L)	Calculated Density (kg/L)
AA-BW-09A	Shallow	6.48	1500	2100	18000	140	510	4440	28900	1.2	ND	0.175	22.90	77700	1.06

Notes:

ND - not detected

NA - not applicable

mg/L - milligrams per liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

(2) Data obtained from POSSM. Field forms for the POSSM data were not available, the measured EC was obtained from samples collected within 2 weeks of the POSSM samples.

(3) TDS as reported on the field form.

(4) TDS as reported by the laboratory method.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10a
CATION-ANION BALANCE TABLE – APRIL/MAY 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	meq/l Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	20.039	12.153	22.969	39.098	61.016	48.031	35.453	18.998	62.004	99.449
	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)
	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)
AA-BW-01A	48	91	130	0.84	3.4	40	230	0.089	NA	NA
AA-BW-02A	36	61	87	0.64	2.7	29	160	0.051	NA	NA
AA-BW-03A	23	31	57	0.54	1.9	23	82	0.033	0.00021	NA
AA-BW-04A	20	38	270	1.4	8.2	54	280	0.047	0.0012	NA
AA-BW-05A	16	32	370	2.1	12	92	330	0.046	NA	NA
AA-BW-06A	13	12	48	0.77	3.7	22	52	0.12	NA	NA
AA-BW-08A	22	39	350	1.5	5.4	55	320	0.023	NA	NA
AA-BW-09A	75	170	780	3.6	8.4	92	820	0.063	NA	0.0018
AA-BW-12A	14	16	61	0.61	5.9	17	67	0.00063	NA	NA
AA-MW-07	40	63	230	1.3	2.9	53	280	0.068	NA	NA
DMC-MW-28 ⁽²⁾	2.1	1.8	7.0	0.19	1.1	4.4	5.4	0.036	0.032	0.0000024
EC-2	24	31	220	1.2	6.8	33	200	NA	NA	NA
H-28	32	49	70	0.59	3.2	25	120	0.046	NA	NA
H-43	12	15	48	0.72	4.6	23	52	0.11	0.031	NA
M7B	31	35	70	0.72	1.7	35	110	0.031	0.026	0.47
MCF-BW-11A	3.0	2.4	8.7	0.31	1.9	5.0	6.7	0.039	0.0074	0.000034
MC-MW-10 ⁽²⁾	24	32	170	1.1	5.2	0.037	190	NA	NA	0.000029
MC-MW-11 ⁽²⁾	2.8	2.0	7.8	0.28	1.4	5.0	6.8	0.048	NA	0.0000033
MC-MW-11-FD ⁽²⁾	2.8	2.0	7.8	0.28	1.4	5.0	6.8	0.048	NA	0.0000030

TABLE 2-10a
CATION-ANION BALANCE TABLE – APRIL/MAY 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	meq/l Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	20.039	12.153	22.969	39.098	61.016	48.031	35.453	18.998	62.004	99.449
	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)
	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)
MC-MW-12	1.4	1.2	7.0	0.24	1.4	3.8	4.3	0.028	0.00018	0.000024
MC-MW-30 ⁽²⁾	27	33	74	0.95	1.5	21	120	0.14	NA	NA
MC-MW-31 ⁽²⁾	14	NA	30	0.56	1.6	13	56	0.068	0.014	NA
MW-8 ⁽²⁾	2.6	2.1	7.8	0.25	1.2	5.2	5.4	0.041	0.079	0.0000046
TR-11 ⁽²⁾	2.0	2.0	7.0	0.23	1.3	4.4	4.8	0.045	0.084	0.0000046
TR-12 ⁽²⁾	1.2	1.2	5.7	0.18	1.2	4.2	2.2	0.042	0.19	0.0000065

Summary of Charge Balance Error Check

Well	molality (mol/kg) Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	40.078	24.305	22.990	39.098	61.017	96.063	35.453	18.998	62.005	99.451
	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)
	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)
AA-BW-09A	0.035	0.082	0.74	0.0034	0.0079	0.044	0.77	NA	NA	0.0000017

Notes:

ND - not detected

NA - not applicable

mg/L - milligrams per liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

(2) Data obtained from POSSM. Field forms for the POSSM data were not available, the measured EC was obtained from samples collected within 2 weeks of the POSSM samples.

(3) TDS as reported on the field form.

(4) TDS as reported by the laboratory method.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10a
CATION-ANION BALANCE TABLE – APRIL/MAY 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	Cation-Anion Balance Tests				TDS Checks			Lab TDS and EC		Qualifier
	Sum Cations (meq/l)	Sum Anions (meq/l)	(Cat-An)/ (Cat+An) (%)	Acceptable Variance <5% ?	TDS Sum (mg/L)	Lab/Sum Ratio -	Acceptable Ratio 1.0 - 1.2	Lab TDS / EC Ratio -	Acceptable Range 0.54 - 0.96 0.54 - 1.7	
AA-BW-01A	270	270	0	PASS	15000	1.4	FAIL	0.94	PASS	J-TDS
AA-BW-02A	190	190	0	PASS	11000	1.5	FAIL	1.0	PASS	J-TDS
AA-BW-03A	110	110	0	PASS	6200	1.4	FAIL	0.87	PASS	J-TDS
AA-BW-04A	330	340	1.5	PASS	20000	1.0	FAIL	0.82	PASS	J-TDS
AA-BW-05A	420	440	2.3	PASS	26000	1.0	FAIL	1.0	PASS	J-TDS
AA-BW-06A	74	78	2.6	PASS	4600	0.84	FAIL	0.55	PASS	J-TDS
AA-BW-08A	410	380	3.8	PASS	23000	0.83	FAIL	0.74	PASS	J-TDS
AA-BW-09A	1000	920	4.2	PASS (1)	55000	1.4	FAIL	3.0	FAIL	R-CAB&TDS; J-CAB&TDS (perchlorate)
AA-BW-12A	92	90	1.1	PASS	5300	1.2	FAIL	0.87	PASS	J-TDS
AA-MW-07	330	330	0	PASS	19000	0.90	FAIL	0.70	PASS	J-TDS
DMC-MW-28 ⁽²⁾	11	11	0	PASS	670	1.3	FAIL	0.67	PASS	J-TDS
EC-2	270	240	5.9	FAIL	15000	1.2	FAIL	0.77	PASS	R-CAB&TDS
H-28	150	150	0	PASS	8500	1.3	FAIL	0.93	PASS	J-TDS
H-43	76	80	2.6	PASS	4700	1.1	PASS	0.75	PASS	
M7B	140	140	0	PASS	8200	0.87	FAIL	0.63	PASS	J-TDS
MCF-BW-11A	14	14	0	PASS	850	1.2	FAIL	0.71	PASS	J-TDS
MC-MW-10 ⁽²⁾	220	200	4.8	PASS	12000	1.2	FAIL	6.1	FAIL	J-TDS
MC-MW-11 ⁽²⁾	13	13	0	PASS	800	1.1	PASS	0.59	PASS	
MC-MW-11-FD ⁽²⁾	13	13	0	PASS	800	1.1	PASS	0.59	PASS	

TABLE 2-10a
CATION-ANION BALANCE TABLE – APRIL/MAY 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	Cation-Anion Balance Tests				TDS Checks			Lab TDS and EC		Qualifier
	Sum Cations (meq/l)	Sum Anions (meq/l)	(Cat-An)/ (Cat+An) (%)	Acceptable Variance <5% ?	TDS Sum (mg/L)	Lab/Sum Ratio -	Acceptable Ratio 1.0 - 1.2	Lab TDS / EC Ratio -	Acceptable Range 0.54 - 0.96 0.54 - 1.7	
MC-MW-12	9.9	9.5	2.1	PASS	600	1.1	PASS	0.57	PASS	
MC-MW-30 ⁽²⁾	130	150	7.1	FAIL	8100	1.2	FAIL	0.76	PASS	R-CAB&TDS
MC-MW-31 ⁽²⁾	45	71	22	FAIL	3700	1.4	FAIL	0.68	PASS	R-CAB&TDS
MW-8 ⁽²⁾	11	12	4.3	PASS	760	1.3	FAIL	0.67	PASS	J-TDS
TR-11 ⁽²⁾	9.2	11	8.9	FAIL	670	1.8	FAIL	0.69	PASS	R-CAB&TDS; J-CAB&TDS (perchlorate)
TR-12 ⁽²⁾	7.0	7.6	4.1	PASS	510	1.4	FAIL	0.68	PASS	J-TDS
Total Samples:				25			25			25
Passing:				21			4			23
Failing:				4			21			2

Summary of Charge Balance Error Check

Well	Cation-Anion Balance Tests			
	Sum Cation (molality x valence) (meq/kg)	Sum Anions (molality x valence) (meq/kg)	Charge Balance Error (%)	Acceptable Variance <5% ?
AA-BW-09A	0.98	0.87	5.9	FAIL

Notes:

ND - not detected

NA - not applicable

mg/L - milligrams per liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

(2) Data obtained from POSSM. Field forms for the POSSM data were not available, the measured EC was obtained from samples collected within 2 weeks of the POSSM samples.

(3) TDS as reported on the field form.

(4) TDS as reported by the laboratory method.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10b
CATION-ANION BALANCE TABLE – OCTOBER 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and EC Input	
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	TDS Measured (mg/L)	EC Measured (umhos/cm)
AA-BW-01A	Shallow	6.50	870	960	3200	32	210	1930	7560	ND	ND	0.0429	13000	4950
AA-BW-02A	Shallow	6.61	680	680	2100	22	160	1500	5400	ND	ND	ND	9200	3620
AA-BW-03A	Shallow	6.86	450	390	1300	17	110	1220	3200	0.084	ND	ND	5300	2350
AA-BW-04A	Shallow	6.93	390	420	6500	45	490	2420	10800	ND	ND	ND	17000	6240
AA-BW-04A-FD	Shallow	6.93	390	430	6700	47	490	2410	9320	ND	ND	ND	15000	6240
AA-BW-05A	Shallow	7.1	250	300	7100	63	760	3360	8190	ND	ND	ND	17000	6230
AA-BW-06A	Shallow	7.3	240	140	1100	28	240	1040	1920	ND	ND	ND	4200	1640
AA-BW-08A	Shallow	6.91	410	530	9800	52	370	3090	12700	4.2	ND	0.0317	25000	7460
AA-BW-09A	Shallow	6.46	1200	1600	19000	110	580	5400	28700	ND	ND	0.2	47000	9990
AA-BW-12A	Shallow	6.5	320	220	810	22	190	446	1820	0.41	ND	ND	3800	592
AA-BW-12A-FD	Shallow	6.5	290	200	910	20	260	1820	1990	0.52	0.36	ND	4200	592
AA-MW-07	Shallow	6.98	820	800	4700	33	180	2270	8360	ND	ND	ND	16000	66800
DMC-MW-28	Deep	8.45	28	20	180	8.3	47	182	192	0.67	ND	ND	610	102
EC-2	Shallow	6.94	520	420	4800	37	410	1480	7490	ND	ND	ND	13000	61000
H-28	Shallow	6.96	580	550	1600	17	150	1360	3820	0.73	ND	ND	7400	33800
H-43	Shallow	7.35	260	200	1100	24	220	1120	1860	1.8	ND	ND	4400	7570
M7B	Shallow	7.18	570	390	1600	25	93	1660	4090	ND	ND	47.6	7700	31900
MCF-BW-11A	Shallow	7.62	58	26	210	9.6	110	260	292	0.74	0.29	ND	900	1630
MC-MW-10	Middle	5.17	490	450	4000	37	340	1560	7350	ND	ND	ND	12000	4320

TABLE 2-10b
CATION-ANION BALANCE TABLE – OCTOBER 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and EC Input	
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	TDS Measured (mg/L)	EC Measured (umhos/cm)
MC-MW-11	Middle	4.59	57	26	200	10	93	222	259	0.87	0.12	ND	810	151
MC-MW-12	Middle	7.87	27	16	180	73	94	186	173	0.6	ND	0.00287	620	1020
MC-MW-30	Middle	7.34	540	420	2200	39	84	1010	4960	ND	ND	ND	8100	36000
MC-MW-31	Middle	6.87	320	210	870	33	85	544	2390	ND	0.2	ND	3700	23400
MW-8	Deep	7.44	52	24	190	9.7	87	228	198	0.72	1.0	ND	750	121
TR-11	Deep	7.48	47	24	170	9	84	212	185	0.8	1.0	ND	700	115
TR-12	Deep	7.88	27	14	140	6.9	79	183	81.4	0.74	2.5	ND	490	99900

Summary of Charge Balance Error Check

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and Temperature		Density
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	Temp- erature Measured °C	TDS Measured (mg/L)	Calculated Density (kg/L)
AA-BW-09A	Shallow	6.46	1200	1600	19000	110	580	5400	28700	ND	ND	0.200	24.86	47000	1.03

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10b
CATION-ANION BALANCE TABLE – OCTOBER 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	meq/l Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	20.039	12.153	22.969	39.098	61.016	48.031	35.453	18.998	62.004	99.449
	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)
	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)
AA-BW-01A	43	79	140	0.82	3.4	40	210	NA	NA	0.00043
AA-BW-02A	34	56	91	0.56	2.6	31	150	NA	NA	NA
AA-BW-03A	22	32	57	0.43	1.8	25	90	0.0044	NA	NA
AA-BW-04A	19	35	280	1.2	8.0	50	300	NA	NA	NA
AA-BW-04A-FD	19	35	290	1.2	8.0	50	260	NA	NA	NA
AA-BW-05A	12	25	310	1.6	12	70	230	NA	NA	NA
AA-BW-06A	12	12	48	0.72	3.9	22	54	NA	NA	NA
AA-BW-08A	20	44	430	1.3	6.1	64	360	0.22	NA	0.00032
AA-BW-09A	60	130	830	2.8	9.5	110	810	NA	NA	0.0020
AA-BW-12A	16	18	35	0.56	3.1	9.3	51	0.022	NA	NA
AA-BW-12A-FD	14	16	40	0.51	4.3	38	56	0.027	0.0058	NA
AA-MW-07	41	66	200	0.84	3.0	47	240	NA	NA	NA
DMC-MW-28	1.4	1.6	7.8	0.21	0.77	3.8	5.4	0.035	NA	NA
EC-2	26	35	210	0.95	6.7	31	210	NA	NA	NA
H-28	29	45	70	0.43	2.5	28	110	0.038	NA	NA
H-43	13	16	48	0.61	3.6	23	52	0.095	NA	NA
M7B	28	32	70	0.64	1.5	35	120	NA	NA	0.48
MCF-BW-11A	2.9	2.1	9.1	0.25	1.8	5.4	8.2	0.039	0.0047	NA
MC-MW-10	24	37	170	0.95	5.6	32	210	NA	NA	NA

TABLE 2-10b
CATION-ANION BALANCE TABLE – OCTOBER 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	meq/l Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	20.039	12.153	22.969	39.098	61.016	48.031	35.453	18.998	62.004	99.449
	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)
	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)
MC-MW-11	2.8	2.1	8.7	0.26	1.5	4.6	7.3	0.046	0.0019	NA
MC-MW-12	1.3	1.3	7.8	1.9	1.5	3.9	4.9	0.032	NA	0.000029
MC-MW-30	27	35	96	1.0	1.4	21	140	NA	NA	NA
MC-MW-31	16	17	38	0.84	1.4	11	67	NA	0.0032	NA
MW-8	2.6	2	8.3	0.25	1.4	4.7	5.6	0.038	0.016	NA
TR-11	2.3	2	7.4	0.23	1.4	4.4	5.2	0.042	0.016	NA
TR-12	1.3	1.2	6.1	0.18	1.3	3.8	2.3	0.039	0.040	NA

Summary of Charge Balance Error Check

Well	molality (mol/kg) Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	40.078	24.305	22.990	39.098	61.017	96.063	35.453	18.998	62.005	99.451
	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)
	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)
AA-BW-09A	0.029	0.064	0.80	0.0027	0.0093	0.055	0.79	NA	NA	0.0000020

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10b
CATION-ANION BALANCE TABLE – OCTOBER 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	Cation-Anion Balance Tests				TDS Checks			Lab TDS and EC		Qualifier
	Sum Cations (meq/l)	Sum Anions (meq/l)	(Cat-An)/ (Cat+An) (%)	Acceptable Variance <5% ?	TDS Sum (mg/l)	Lab/Sum Ratio -	Acceptable Ratio 1.0 - 1.2	Lab TDS / EC Ratio -	Acceptable Range 0.54 - 0.96 0.54 - 1.7	
AA-BW-01A	260	260	0	PASS	15000	0.87	FAIL	2.6	FAIL	J-TDS
AA-BW-02A	180	190	2.7	PASS	10000	0.92	FAIL	2.5	FAIL	J-TDS
AA-BW-03A	110	120	4.3	PASS	6600	0.80	FAIL	2.3	FAIL	J-TDS
AA-BW-04A	340	360	2.9	PASS	21000	0.81	FAIL	2.7	FAIL	J-TDS
AA-BW-04A-FD	350	320	4.5	PASS	20000	0.75	FAIL	2.4	FAIL	J-TDS
AA-BW-05A	350	310	6.1	FAIL	20000	0.85	FAIL	2.7	FAIL	R-CAB&TDS
AA-BW-06A	72	80	5.3	FAIL	4600	0.91	FAIL	2.6	FAIL	R-CAB&TDS
AA-BW-08A	490	430	6.5	FAIL	27000	0.93	FAIL	3.4	FAIL	R-CAB&TDS; J-CAB&TDS (perchlorate)
AA-BW-09A	1000	930	3.6	PASS (1)	56000	0.84	FAIL	4.7	FAIL	J-TDS
AA-BW-12A	70	64	4.5	PASS	3800	1.0	FAIL	6.4	FAIL	J-TDS
AA-BW-12A-FD	71	98	16	FAIL	5400	0.78	FAIL	7.1	FAIL	R-CAB&TDS
AA-MW-07	310	290	3.3	PASS	17000	0.94	FAIL	0.24	FAIL	J-TDS
DMC-MW-28	11	10	4.8	PASS	640	0.95	FAIL	6.0	FAIL	J-TDS
EC-2	270	250	3.8	PASS	15000	0.87	FAIL	0.21	FAIL	J-TDS
H-28	140	140	0	PASS	8000	0.93	FAIL	0.22	FAIL	J-TDS
H-43	78	79	0.64	PASS	4700	0.94	FAIL	0.58	PASS	J-TDS
M7B	130	150	7.1	FAIL	8400	0.92	FAIL	0.24	FAIL	R-CAB&TDS; J-CAB&TDS (perchlorate)
MCF-BW-11A	14	15	3.4	PASS	920	0.98	FAIL	0.55	PASS	J-TDS
MC-MW-10	240	250	2.0	PASS	14000	0.86	FAIL	2.8	FAIL	J-TDS

TABLE 2-10b
CATION-ANION BALANCE TABLE – OCTOBER 2010
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Summary of Cation-Anion Balance and Related Calculations

Well	Cation-Anion Balance Tests				TDS Checks			Lab TDS and EC		Qualifier
	Sum Cations	Sum Anions	(Cat-An)/ (Cat+An)	Acceptable Variance <5% ?	TDS Sum	Lab/Sum Ratio	Acceptable Ratio 1.0 - 1.2	Lab TDS / EC Ratio	Acceptable Range 0.54 - 0.96	
	(meq/l)	(meq/l)	(%)		(mg/l)	-		-	0.54 - 1.7	
MC-MW-11	14	13	3.7	PASS	830	0.98	FAIL	5.4	FAIL	J-TDS
MC-MW-12	12	10	9.1	FAIL	710	0.87	FAIL	0.61	PASS	R-CAB&TDS; J-CAB&TDS (perchlorate)
MC-MW-30	160	160	0	PASS	9200	0.88	FAIL	0.23	FAIL	J-TDS
MC-MW-31	72	80	5.3	FAIL	4400	0.84	FAIL	0.16	FAIL	R-CAB&TDS
MW-8	13	12	4.0	PASS	760	0.99	FAIL	6.2	FAIL	J-TDS
TR-11	12	11	4.3	PASS	700	1.0	FAIL	6.1	FAIL	J-TDS
TR-12	8.8	7.5	8.0	FAIL	500	0.98	FAIL	0.0049	FAIL	R-CAB&TDS
Total Samples:				26				26	26	
Passing:				18				0	3	
Failing:				8				26	23	

Summary of Charge Balance Error Check

Well	Cation-Anion Balance Tests			
	Sum Cation (molality x valence)	Sum Anions (molality x valence)	Charge Balance Error (%)	Acceptable Variance <5% ?
	(meq/kg)	(meq/kg)		
AA-BW-09A	0.99	0.91	4.2	PASS

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10c
CATION-ANION BALANCE TABLE – MARCH 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and EC Input	
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	TDS Measured (mg/L)	EC Measured (umhos/cm)
AA-BW-01A	Shallow	6.82	910	1000	3200	38	240	1850	7500	ND	ND	ND	14000	5250
AA-BW-02A	Shallow	6.94	670	730	1900	23	160	1480	5440	0.70	ND	ND	9700	3900
AA-BW-03A	Shallow	7.17	430	410	1200	17	97	1100	2940	0.49	ND	ND	5700	2440
AA-BW-04A	Shallow	6.52	440	450	6700	54	490	2150	9770	0.52	ND	ND	17000	6520
AA-BW-04A-FD	Shallow	6.52	440	450	6800	56	480	2190	9810	0.42	ND	ND	16000	6520
AA-BW-05A	Shallow	7.19	260	320	6800	69	750	2970	8320	0.6	ND	ND	15000	6130
AA-BW-06A	Shallow	7.33	250	150	1000	28	240	1200	1600	2.7	ND	0.0707	4400	1620
AA-BW-08A	Shallow	7.2	430	470	8500	60	350	2050	11100	ND	ND	ND	18000	9110
AA-BW-09A	Shallow	6.62	1000	1800	17000	130	610	5170	30700	ND	ND	ND	61000	9990
AA-BW-12A	Shallow	6.85	300	230	730	20	200	445	1900	0.57	0.30	0.295	4100	1580
AA-BW-12A-FD	Shallow	6.85	280	210	910	20	270	1530	2120	0.68	0.32	0.298	4100	1580
AA-MW-07	Shallow	6.95	700	780	4600	38	180	2340	9000	1.1	ND	ND	17000	7480
DMC-MW-28	Deep	8.94	31	21	180	8.2	48	191	180	0.59	0.063	ND	650	117
EC-2	Shallow	6.34	750	1600	21000	150	820	5810	33100	1.7	ND	ND	65000	9990
H-28	Shallow	6.65	640	620	1700	22	150	1220	4540	0.61	ND	ND	7500	3800
H-43	Shallow	7.44	290	210	1100	26	260	1080	1960	1.2	ND	ND	4100	776
M7B	Shallow	7.02	580	420	1500	26	96	1480	3490	0.39	1.3	42.3	7300	3500
MCF-BW-11A	Shallow	7.59	59	28	200	9.6	110	237	240	0.69	0.24	ND	900	174
MC-MW-10	Middle	5.86	490	470	4400	46	350	1710	6640	ND	ND	ND	13000	5860

TABLE 2-10c
CATION-ANION BALANCE TABLE – MARCH 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and EC Input	
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	TDS Measured (mg/L)	EC Measured (umhos/cm)
MC-MW-11	Middle	7.61	59	25	200	11	93	230	251	0.66	ND	ND	820	154
MC-MW-12	Middle	7.72	27	17	160	7.6	79	176	174	0.66	ND	ND	620	120
MC-MW-30	Middle	7.17	530	450	1900	38	86	1030	4530	0.82	ND	ND	8200	4230
MC-MW-31	Middle	6.58	360	240	860	36	81	555	2320	0.68	ND	ND	4000	2760
MW-8	Deep	8.02	55	24	190	9.7	90	235	187	0.67	0.99	ND	780	131
TR-11	Deep	7.95	42	24	170	8.5	84	220	174	0.74	1	ND	700	123
TR-12	Deep	8.44	24	15	130	6.5	80	187	80.5	0.72	2.6	ND	500	99900

Summary of Charge Balance Error Check

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and Temperature		Density
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	Temp- erature Measured °C	TDS Measured (mg/L)	Calculated Density (kg/L)
AA-BW-09A	Shallow	6.62	1000	1800	17000	130	610	5170	30700	ND	ND	ND	24.42	61000	1.04
EC-2	Shallow	6.34	750	1600	21000	150	820	5810	33100	1.7	ND	ND	24.42	65000	9990

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10c
CATION-ANION BALANCE TABLE – MARCH 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	meq/l Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	20.039	12.153	22.969	39.098	61.016	48.031	35.453	18.998	62.004	99.449
	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)
	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)
AA-BW-01A	45	82	140	0.97	3.9	39	210	NA	NA	NA
AA-BW-02A	33	60	83	0.59	2.6	31	150	0.037	NA	NA
AA-BW-03A	21	34	52	0.43	1.6	23	83	0.026	NA	NA
AA-BW-04A	22	37	290	1.4	8.0	45	280	0.027	NA	NA
AA-BW-04A-FD	22	37	300	1.4	7.9	46	280	0.022	NA	NA
AA-BW-05A	13	26	300	1.8	12	62	230	0.031	NA	NA
AA-BW-06A	12	12	44	0.72	3.9	25	45	0.14	NA	0.00071
AA-BW-08A	21	39	370	1.5	5.7	43	310	NA	NA	NA
AA-BW-09A	50	150	740	3.3	10	110	870	NA	NA	NA
AA-BW-12A	15	19	32	0.51	3.3	9.3	54	0.030	0.0048	0.0030
AA-BW-12A-FD	14	17	40	0.51	4.4	32	60	0.036	0.0052	0.0030
AA-MW-07	35	64	200	0.97	3.0	49	250	0.058	NA	NA
DMC-MW-28	1.5	1.7	7.8	0.21	0.79	4.0	5.1	0.031	0.0010	NA
EC-2	37	130	910	3.8	13	120	930	0.089	NA	NA
H-28	32	51	74	0.56	2.5	25	130	0.032	NA	NA
H-43	14	17	48	0.66	4.3	22	55	0.063	NA	NA
M7B	29	35	65	0.66	1.6	31	98	0.021	0.021	0.43
MCF-BW-11A	2.9	2.3	8.7	0.25	1.8	4.9	6.8	0.036	0.0039	NA
MC-MW-10	24	39	190	1.2	5.7	36	190	NA	NA	NA

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CATION-ANION BALANCE TABLE – MARCH 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	meq/l Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	20.039	12.153	22.969	39.098	61.016	48.031	35.453	18.998	62.004	99.449
	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)
	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)
MC-MW-11	2.9	2.1	8.7	0.28	1.5	4.8	7.1	0.035	NA	NA
MC-MW-12	1.3	1.4	7.0	0.19	1.3	3.7	4.9	0.035	NA	NA
MC-MW-30	26	37	83	0.97	1.4	21	130	0.043	NA	NA
MC-MW-31	18	20	37	0.92	1.3	12	65	0.036	NA	NA
MW-8	2.7	2.0	8.3	0.25	1.5	4.9	5.3	0.035	0.016	NA
TR-11	2.1	2.0	7.4	0.22	1.4	4.6	4.9	0.039	0.016	NA
TR-12	1.2	1.2	5.7	0.17	1.3	3.9	2.3	0.038	0.042	NA

Summary of Charge Balance Error Check

Well	molality (mol/kg) Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	40.078	24.305	22.990	39.098	61.017	96.063	35.453	18.998	62.005	99.451
	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)
	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)
AA-BW-09A	0.024	0.071	0.71	0.0032	0.010	0.052	0.83	NA	NA	NA
EC-2	0.0000019	0.0000066	0.000091	0.00000038	0.0000013	0.0000061	0.000093	0.000000009	NA	NA

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10c
CATION-ANION BALANCE TABLE – MARCH 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	Cation-Anion Balance Tests				TDS Checks			Lab TDS and EC		Qualifier
	Sum Cations (meq/l)	Sum Anions (meq/l)	(Cat-An)/ (Cat+An) (%)	Acceptable Variance <5% ?	TDS Sum (mg/l)	Lab/Sum Ratio -	Acceptable Ratio 1.0 - 1.2	Lab TDS / EC Ratio -	Acceptable Range 0.54 - 0.96 0.54 - 1.7	
AA-BW-01A	270	250	3.8	PASS	15000	0.93	FAIL	2.7	FAIL	J-TDS
AA-BW-02A	180	190	2.7	PASS	10000	0.97	FAIL	2.5	FAIL	J-TDS
AA-BW-03A	110	110	0	PASS	6200	0.92	FAIL	2.3	FAIL	J-TDS
AA-BW-04A	350	330	2.9	PASS	20000	0.85	FAIL	2.6	FAIL	J-TDS
AA-BW-04A-FD	360	330	4.3	PASS	20000	0.80	FAIL	2.5	FAIL	J-TDS
AA-BW-05A	340	310	4.6	PASS	19000	0.79	FAIL	2.4	FAIL	J-TDS
AA-BW-06A	69	74	3.5	PASS	4400	1.0	FAIL	2.7	FAIL	J-TDS
AA-BW-08A	430	360	8.9	FAIL	23000	0.78	FAIL	2.0	FAIL	R-CAB&TDS
AA-BW-09A	940	980	2.1	PASS (1)	56000	1.1	PASS	6.1	FAIL	J-TDS
AA-BW-12A	66	66	0	PASS	3700	1.1	PASS	2.6	FAIL	J-TDS
AA-BW-12A-FD	71	96	15	FAIL	5200	0.79	FAIL	2.6	FAIL	R-CAB&TDS; J-CAB&TDS (perchlorate)
AA-MW-07	300	310	1.6	PASS	18000	0.94	FAIL	2.3	FAIL	J-TDS
DMC-MW-28	11	9.9	5.3	FAIL	650	1.0	FAIL	5.6	FAIL	R-CAB&TDS
EC-2	1100	1100	0	PASS (1)	63000	1.0	FAIL	6.5	FAIL	J-TDS
H-28	160	160	0	PASS	8800	0.85	FAIL	2.0	FAIL	J-TDS
H-43	80	82	1.2	PASS	4800	0.85	FAIL	5.3	FAIL	J-TDS
M7B	130	130	0	PASS	7600	0.96	FAIL	2.1	FAIL	J-TDS
MCF-BW-11A	14	14	0	PASS	840	1.1	PASS	5.2	FAIL	J-TDS
MC-MW-10	260	230	6.1	FAIL	14000	0.93	FAIL	2.2	FAIL	R-CAB&TDS

TABLE 2-10c
CATION-ANION BALANCE TABLE – MARCH 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	Cation-Anion Balance Tests				TDS Checks			Lab TDS and EC		Qualifier
	Sum Cations (meq/l)	Sum Anions (meq/l)	(Cat-An)/ (Cat+An) (%)	Acceptable Variance <5% ?	TDS Sum (mg/l)	Lab/Sum Ratio -	Acceptable Ratio 1.0 - 1.2	Lab TDS / EC Ratio -	Acceptable Range 0.54 - 0.96 0.54 - 1.7	
MC-MW-11	14	13	3.7	PASS	830	0.99	FAIL	5.3	FAIL	J-TDS
MC-MW-12	9.9	9.9	0	PASS	610	1.0	FAIL	5.2	FAIL	J-TDS
MC-MW-30	150	150	0	PASS	8500	0.96	FAIL	1.9	FAIL	J-TDS
MC-MW-31	76	78	1.3	PASS	4400	0.91	FAIL	1.4	FAIL	J-TDS
MW-8	13	12	4.0	PASS	760	1.0	FAIL	6.0	FAIL	J-TDS
TR-11	12	11	4.3	PASS	690	1.0	FAIL	5.7	FAIL	J-TDS
TR-12	8.3	7.6	4.4	PASS	490	1.0	FAIL	0.0050	FAIL	J-TDS
Total Samples:				26				26	26	
Passing:				22				3	0	
Failing:				4				23	26	

Summary of Charge Balance Error Check

Well	Cation-Anion Balance Tests			
	Sum Cation (molality x valence) (meq/kg)	Sum Anions (molality x valence) (meq/kg)	Charge Balance Error (%)	Acceptable Variance <5% ?
AA-BW-09A	0.90	0.94	2.2	PASS
EC-2	0.00011	0.00011	0.87	PASS

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10d
CATION-ANION BALANCE TABLE – OCTOBER 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and EC Input	
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	TDS Measured (mg/L)	EC Measured (umhos/cm)
AA-BW-01A	Shallow	6.89	940	950	3000	33	220	2200	7900	1.4	ND	ND	15000	21500
AA-BW-02A	Shallow	6.96	750	770	2100	23	170	1400	5600	0.90	ND	ND	10000	16300
AA-BW-03A	Shallow	7.21	470	410	1300	16	120	1200	3200	0.53	ND	ND	6400	10300
AA-BW-04A	Shallow	7.17	470	450	6400	50	480	2200	10000	1.1	ND	ND	22000	28400
AA-BW-04A-FD	Shallow	7.17	460	450	6400	51	480	2100	9800	1.2	ND	ND	18000	28400
AA-BW-05A	Shallow	7.31	230	290	5300	57	750	2800	7600	1.0	ND	ND	15000	23200
AA-BW-06A	Shallow	7.47	300	170	1100	27	240	1000	1600	3.0	ND	0.0776	4500	679
AA-BW-08A	Shallow	7.31	390	480	8700	52	360	2900	14000	0.87	ND	ND	26000	38900
AA-BW-09A	Shallow	6.71	1200	1800	18000	100	640	5100	30000	0.97	ND	ND	57000	71600
AA-BW-12A	Shallow	6.94	330	240	830	20	200	650	1900	0.51	0.33	0.464	4100	6810
AA-BW-12A-FD	Shallow	6.94	320	230	970	20	270	740	1900	0.5	0.37	0.282	4200	6810
AA-MW-07	Shallow	7.03	790	810	4500	32	180	3200	9100	1.3	ND	ND	16000	3030
DMC-MW-28	Deep	8.67	28	20	160	7.5	47	200	200	0.58	ND	ND	640	1200
EC-2	Shallow	6.88	600	510	5200	38	420	1600	9600	1.4	ND	ND	15000	3130
H-28	Shallow	6.84	680	610	1600	21	160	1600	4600	0.92	ND	ND	9800	1490
H-43	Shallow	7.41	300	210	1000	25	210	1200	1900	2.7	ND	ND	5100	663
M7B	Shallow	7.15	610	420	1600	25	96	1600	3500	0.48	1.1	37.8	6800	1410
MCF-BW-11A	Shallow	7.34	67	30	210	9.9	110	260	250	0.68	0.20	ND	890	154
MC-MW-10	Middle	6.95	1200	1100	4400	61	190	2000	12000	0.78	ND	ND	18000	3300

TABLE 2-10d
CATION-ANION BALANCE TABLE – OCTOBER 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and EC Input	
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	TDS Measured (mg/L)	EC Measured (umhos/cm)
MC-MW-11	Middle	7.68	57	24	180	10	94	240	230	0.67	0.053	ND	820	133
MC-MW-12	Middle	7.63	31	18	170	7.5	88	180	170	0.68	0.22	0.00333	630	105
MC-MW-30	Middle	7.29	620	510	2200	40	170	1100	4800	0.89	ND	ND	8700	1710
MC-MW-31	Middle	6.83	440	290	1000	32	71	630	2700	0.85	0.27	ND	4900	968
MW-8	Deep	7.64	54	24	180	9.2	91	250	210	0.72	0.99	ND	770	1390
TR-11	Deep	7.79	43	24	170	8.5	88	240	180	0.73	0.97	ND	710	1320
TR-12	Deep	7.98	24	14	130	6.5	81	200	75	0.69	2.4	ND	490	878

Summary of Charge Balance Error Check

Well	Zone	pH	Major Ion Chemistry Data Input										TDS and Temperature		Density
			Ca 2+ (mg/l)	Mg 2+ (mg/l)	Na 1+ (mg/l)	K 1+ (mg/l)	HCO ₃ 1- (mg/l)	SO ₄ 2- (mg/l)	Cl 1- (mg/l)	F 1- (mg/l)	NO ₃ 1- (mg/l)	ClO ₄ 1- (mg/l)	Temp- erature Measured °C	TDS Measured (mg/L)	Calculated Density (kg/L)
AA-BW-09A	Shallow	6.71	1200	1800	18000	100	640	5100	30000	1.0	ND	ND	24.82	57000	1.03

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10d
CATION-ANION BALANCE TABLE – OCTOBER 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	meq/l Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	20.039	12.153	22.969	39.098	61.016	48.031	35.453	18.998	62.004	99.449
	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)
	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)
AA-BW-01A	47	78	130	0.84	3.6	46	220	0.074	NA	NA
AA-BW-02A	37	63	91	0.59	2.8	29	160	0.047	NA	NA
AA-BW-03A	23	34	57	0.41	2.0	25	90	0.028	NA	NA
AA-BW-04A	23	37	280	1.3	7.9	46	280	0.058	NA	NA
AA-BW-04A-FD	23	37	280	1.3	7.9	44	280	0.063	NA	NA
AA-BW-05A	11	24	230	1.5	12	58	210	0.053	NA	NA
AA-BW-06A	15	14	48	0.69	3.9	21	45	0.16	NA	0.00078
AA-BW-08A	19	39	380	1.3	5.9	60	390	0.046	NA	NA
AA-BW-09A	60	150	780	2.6	10	110	850	0.051	NA	NA
AA-BW-12A	16	20	36	0.51	3.3	14	54	0.027	0.0053	0.0047
AA-BW-12A-FD	16	19	42	0.51	4.4	15	54	0.026	0.0060	0.0028
AA-MW-07	39	67	200	0.82	3.0	67	260	0.068	NA	NA
DMC-MW-28	1.4	1.6	7.0	0.19	0.77	4.2	5.6	0.031	NA	NA
EC-2	30	42	230	0.97	6.9	33	270	0.074	NA	NA
H-28	34	50	70	0.54	2.6	33	130	0.048	NA	NA
H-43	15	17	44	0.64	3.4	25	54	0.14	NA	NA
M7B	30	35	70	0.64	1.6	33	99	0.025	0.018	0.38
MCF-BW-11A	3.3	2.5	9.1	0.25	1.8	5.4	7.1	0.036	0.0032	NA
MC-MW-10	60	91	190	1.6	3.1	42	340	0.041	NA	NA

TABLE 2-10d
CATION-ANION BALANCE TABLE – OCTOBER 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	meq/l Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	20.039	12.153	22.969	39.098	61.016	48.031	35.453	18.998	62.004	99.449
	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)	(mg/meq)
	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)	(meq/l)
MC-MW-11	2.8	2.0	7.8	0.26	1.5	5.0	6.5	0.035	0.00085	NA
MC-MW-12	1.5	1.5	7.4	0.19	1.4	3.7	4.8	0.036	0.0035	0.000033
MC-MW-30	31	42	96	1.0	2.8	23	140	0.047	NA	NA
MC-MW-31	22	24	44	0.82	1.2	13	76	0.045	0.0044	NA
MW-8	2.7	2.0	7.8	0.24	1.5	5.2	5.9	0.038	0.016	NA
TR-11	2.1	2.0	7.4	0.22	1.4	5.0	5.1	0.038	0.016	NA
TR-12	1.2	1.2	5.7	0.17	1.3	4.2	2.1	0.036	0.039	NA

Summary of Charge Balance Error Check

Well	molality (mol/kg) Calculations									
	Ca	Mg	Na	K	HCO ₃	SO ₄	Cl	F	NO ₃	ClO ₄
	40.078	24.305	22.990	39.098	61.017	96.063	35.453	18.998	62.005	99.451
	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)	(g/mol)
	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)	(mol/kg)
AA-BW-09A	0.029	0.072	0.76	0.0025	0.010	0.052	0.82	0.000050	NA	NA

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-10d
CATION-ANION BALANCE TABLE – OCTOBER 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	Cation-Anion Balance Tests				TDS Checks			Lab TDS and EC		Qualifier
	Sum Cations (meq/l)	Sum Anions (meq/l)	(Cat-An)/ (Cat+An) (%)	Acceptable Variance <5% ?	TDS Sum (mg/l)	Lab/Sum Ratio -	Acceptable Ratio 1.0 - 1.2	Lab TDS / EC Ratio -	Acceptable Range 0.54 - 0.96 0.54 - 1.7	
AA-BW-01A	260	270	1.9	PASS	15000	1.0	FAIL	0.70	PASS	J-TDS
AA-BW-02A	190	190	0	PASS	11000	0.91	FAIL	0.61	PASS	J-TDS
AA-BW-03A	110	120	4.3	PASS	6700	0.96	FAIL	0.62	PASS	J-TDS
AA-BW-04A	340	340	0	PASS	20000	1.1	PASS	0.77	PASS	
AA-BW-04A-FD	340	330	1.5	PASS	20000	0.90	FAIL	0.63	PASS	J-TDS
AA-BW-05A	270	290	3.6	PASS	17000	0.88	FAIL	0.65	PASS	J-TDS
AA-BW-06A	78	70	5.4	FAIL	4300	1.0	FAIL	6.6	FAIL	R-CAB&TDS; J-CAB&TDS (perchlorate)
AA-BW-08A	440	460	2.2	PASS	27000	0.96	FAIL	0.67	PASS	J-TDS
AA-BW-09A	990	960	1.5	PASS (1)	57000	1.0	FAIL	0.80	PASS	J-TDS
AA-BW-12A	73	70	2.1	PASS	4100	1.0	FAIL	0.60	PASS	J-TDS
AA-BW-12A-FD	78	73	3.3	PASS	4300	0.98	FAIL	0.62	PASS	J-TDS
AA-MW-07	300	330	4.8	PASS	19000	0.84	FAIL	5.3	FAIL	J-TDS
DMC-MW-28	10	11	4.8	PASS	650	0.98	FAIL	0.53	FAIL	J-TDS
EC-2	300	310	1.6	PASS	18000	0.83	FAIL	4.8	FAIL	J-TDS
H-28	150	170	6.3	FAIL	9200	1.1	PASS	6.6	FAIL	R-CAB&TDS
H-43	76	82	3.8	PASS	4800	1.1	PASS	7.7	FAIL	J-TDS
M7B	140	130	3.7	PASS	7900	0.86	FAIL	4.8	FAIL	J-TDS
MCF-BW-11A	15	14	3.4	PASS	890	1.0	FAIL	5.8	FAIL	J-TDS
MC-MW-10	340	380	5.6	FAIL	21000	0.86	FAIL	5.5	FAIL	R-CAB&TDS

TABLE 2-10d
CATION-ANION BALANCE TABLE – OCTOBER 2011
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Summary of Cation-Anion Balance and Related Calculations

Well	Cation-Anion Balance Tests				TDS Checks			Lab TDS and EC		Qualifier
	Sum Cations (meq/l)	Sum Anions (meq/l)	(Cat-An)/ (Cat+An) (%)	Acceptable Variance <5% ?	TDS Sum (mg/l)	Lab/Sum Ratio -	Acceptable Ratio 1.0 - 1.2	Lab TDS / EC Ratio -	Acceptable Range 0.54 - 0.96 0.54 - 1.7	
MC-MW-11	13	13	0	PASS	800	1.0	FAIL	6.2	FAIL	J-TDS
MC-MW-12	11	10	4.8	PASS	630	1.0	FAIL	6.0	FAIL	J-TDS
MC-MW-30	170	160	3.0	PASS	9400	0.93	FAIL	5.1	FAIL	J-TDS
MC-MW-31	90	90	0	PASS	5100	0.96	FAIL	5.1	FAIL	J-TDS
MW-8	13	13	0	PASS	780	0.99	FAIL	0.55	PASS	J-TDS
TR-11	12	12	0	PASS	720	0.99	FAIL	0.54	PASS	J-TDS
TR-12	8.2	7.7	3.1	PASS	500	0.98	FAIL	0.56	PASS	J-TDS
Total Samples:				26				26	26	
Passing:				23				3	13	
Failing:				3				23	13	

Summary of Charge Balance Error Check

Well	Cation-Anion Balance Tests			
	Sum Cation (molality x valence) (meq/kg)	Sum Anions (molality x valence) (meq/kg)	Charge Balance Error (%)	Acceptable Variance <5% ?
AA-BW-09A	0.96	0.93	1.6	PASS

Notes:

ND - not detected

NA - not applicable

mg/L - Milligrams per Liter

(1) For samples with anion sum > 800 meq/L, see Summary of Charge Balance Error Check table for Cation-Anion Balance Results.

Qualifiers:

J-TDS: TDS measured/sum and/or TDS:EC ratio checks do not pass; Cation-anion balance check does pass.

R-CAB&TDS: Cation-anion balance check does not pass; TDS measured/sum and/or TDS:EC ratio check do not pass.

Density calculated from http://www.earthwardconsulting.com/density_calculator.htm.

TABLE 2-13
VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	1,1-Dichloroethane	1,1-Dichloroethene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	200	--	5	--	--	7
BCL						0.52	200	0.067	5	59000	2.4	7
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.09 UJ-	< 0.08 UJ-	< 0.08 UJ-	< 70 UJ-	< 0.14 UJ-	< 70 UJ-	0.75 J-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.1 UJ	< 0.1 UJ	< 0.14 UJ	2.8 J	< 0.056 UJ	18 J	0.4 J
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.1 UJ	< 0.099 UJ	< 0.27 UJ	< 0.19 UJ	< 0.072 UJ	30 J	0.62 J
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	20 J	0.42 J
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	3.8 J	< 0.12 UJ	23 J	0.56 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 16 UJ	< 8.8 UJ	< 11 UJ	< 7.1 UJ	< 12 UJ	28 J	< 11 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 16 UJ	< 8.8 UJ	< 11 UJ	< 7.1 UJ	< 12 UJ	25 J-	< 11 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	R	< 0.067 U	< 0.098 U	5.5 J	< 0.079 U	93 J	1.3 J+
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 42 U	< 32 U	< 42 U	< 54 U	< 84 U	66 J	< 46 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 42 U	< 32 U	< 42 U	< 54 U	< 84 U	61 J	< 46 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 21 U	< 16 U	< 21 U	< 27 U	< 42 U	45 J	< 23 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 22 U	< 20 U	< 20 U	< 18 U	< 35 U	< 18 U	< 10 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 0.1 U	< 0.1 U	< 0.14 U	4.2 J+	< 0.056 U	52 J	0.3 J+
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.1 U	< 0.099 U	< 0.27 U	2.3 J+	< 0.072 U	58 J	0.3 J+
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.16 U	< 0.088 UJ	< 0.11 UJ	13 J+	< 0.12 UJ	41 J	0.32 J
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 16 U	< 8.8 U	< 11 U	< 7.1 U	< 12 U	49 J	< 11 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 16 U	< 8.8 U	< 11 U	< 7.1 U	< 12 U	51 J	< 11 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.09 UJ	< 0.067 U	< 0.098 U	5.5 J	< 0.079 U	53 J	0.25 J+
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 8.4 U	< 6.4 U	< 8.4 U	< 11 U	< 17 U	52	< 9.2 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 8.4 U	< 6.4 U	< 8.4 U	< 11 U	< 17 U	60	< 9.2 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 4.2 U	< 3.2 U	< 4.2 U	< 5.4 U	< 8.4 U	49	< 4.6 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 5 U	< 5 U	< 7.2 U	< 4.6 U	< 2.8 U	< 2.3 U	< 2.2 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 16 U	< 8.8 U	< 11 U	< 7.1 U	< 12 U	< 8.3 U	< 11 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.09 U	< 0.067 U	< 0.098 U	0.36 J+	< 0.079 U	6.4 J+	0.48 J+
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 4.2 U	< 3.2 U	< 4.2 U	< 5.4 U	< 8.4 U	5.5 J	< 4.6 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 21 U	< 16 U	< 21 U	< 27 U	< 42 U	< 22 U	< 23 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 4.2 U	< 3.2 U	< 4.2 U	< 5.4 U	< 8.4 U	7.2 J	< 4.6 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 8.4 U	< 6.4 U	< 8.4 U	< 11 U	< 17 U	< 8.8 U	< 9.2 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 8.4 U	< 6.4 U	< 8.4 U	< 11 U	< 17 U	< 8.8 U	< 9.2 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 8.4 U	< 6.4 U	< 8.4 U	< 11 U	< 17 U	< 8.8 U	< 9.2 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.1 UJ	< 0.099 UJ	< 0.27 UJ	1.6 J	< 0.072 UJ	71 J	< 0.85 U
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.16 U	< 0.088 UJ	< 0.11 UJ	4.5 J+	< 0.12 UJ	18 J	< 0.11 UJ
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 16 U	< 8.8 U	< 11 U	< 7.1 U	< 12 U	50 J	< 11 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.16 U	< 0.088 U	< 0.11 UJ	4 J+	< 0.12 U	52 J	< 0.11 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.09 U	< 0.067 U	< 0.098 U	4.7 J+	< 0.079 U	81 J	< 0.051 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 21 U	< 16 U	< 21 U	< 27 U	< 42 U	67 J	< 23 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 210 U	< 160 U	< 210 U	< 270 U	< 420 U	< 220 U	< 230 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 8.4 U	< 6.4 U	< 8.4 U	< 11 U	< 17 U	54	< 9.2 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.1 U	< 0.099 U	< 0.27 UJ	< 0.19 U	< 0.072 U	7.1	< 0.085 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	6.2 J	< 0.11 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 16 UJ	< 8.8 UJ	< 11 UJ	< 7.1 UJ	< 12 UJ	< 8.3 UJ	< 11 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 33 U	< 18 U	< 23 U	< 14 U	< 24 U	< 17 U	< 21 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 9 UJ	< 6.7 UJ	< 9.8 UJ	< 6.3 UJ	< 7.9 UJ	6.8 J-	< 5.1 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 42 U	< 32 U	< 42 U	< 54 U	< 84 U	< 44 U	< 46 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 2.1 U	< 1.6 U	< 2.1 U	< 2.7 U	< 4.2 U	51	< 2.3 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 21 UJ	< 16 UJ	< 21 UJ	< 27 UJ	< 42 UJ	< 22 UJ	< 23 UJ

TABLE 2-13
VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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CAMU AREA, CLARK COUNTY, NEVADA
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	1,1-Dichloroethane	1,1-Dichloroethene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	200	--	5	--	--	7
BCL						0.52	200	0.067	5	59000	2.4	7
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 U	< 0.083 U	< 0.11 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.09 U	< 0.067 U	< 0.098 U	< 0.063 U	< 0.079 U	< 0.068 U	< 0.051 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 90 U	< 80 U	< 80 U	< 70 U	< 140 U	< 70 U	< 40 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 0.1 UJ	< 0.1 UJ	< 0.14 UJ	< 0.092 UJ	< 0.056 UJ	88 J	0.56 J
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.1 U	< 0.099 U	< 0.27 U	< 0.19 U	< 0.072 U	91 J-	0.45 J
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	88 J	0.45 J
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 16 U	< 8.8 U	< 11 U	< 7.1 U	< 12 U	66 J	< 11 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 16 U	< 8.8 U	< 11 U	< 7.1 U	< 12 U	66 J	< 11 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.09 UJ	< 0.067 U	< 0.098 U	< 0.063 UJ	< 0.079 U	79 J	0.45 J+
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 8.4 U	< 6.4 U	< 8.4 U	< 11 U	< 17 U	74	< 9.2 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.84 U	< 0.64 U	< 0.84 U	< 1.1 U	< 1.7 U	69	< 0.92 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 8.4 U	< 6.4 U	< 8.4 U	< 11 U	< 17 U	76	< 9.2 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.09 U	< 0.08 U	< 0.08 U	< 0.07 U	< 0.14 U	17	< 0.04 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.09 U	< 0.08 U	< 0.08 U	< 0.07 U	< 0.14 U	17	< 0.04 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.1 U	< 0.1 U	< 0.14 U	< 0.092 U	< 0.056 U	21	< 0.045 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.1 U	< 0.099 U	< 0.27 U	< 0.19 U	< 0.072 U	21	< 0.085 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.1 U	< 0.099 U	< 0.27 U	< 0.19 U	< 0.072 U	22	0.13 J
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 U	20 J+	0.13 J+
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	17 J-	< 0.11 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 U	17	0.11 J
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.09 U	< 0.067 U	< 0.098 U	< 0.063 U	< 0.079 U	18 J+	0.11 J+
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 1 U	< 0.8 U	< 1 U	< 1.4 U	< 2.1 U	16	< 1.2 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1 U	< 0.8 U	< 1 U	< 1.4 U	< 2.1 U	20	< 1.2 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	18	< 0.23 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.09 U	< 0.08 U	< 0.08 U	< 0.07 U	< 0.14 U	4.5	< 0.04 UJ-
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.1 UJ	< 0.1 UJ	< 0.14 UJ	< 0.092 UJ	< 0.056 UJ	6.7 J	< 0.045 UJ
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.1 U	< 0.099 U	< 0.27 U	< 0.19 U	< 0.072 U	7.2 J+	< 0.085 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	6 J	0.12 J
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 U	6.1	< 0.11 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	5.7 J-	< 0.11 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.09 UJ	< 0.067 UJ	< 0.098 UJ	< 0.063 UJ	< 0.079 UJ	6.2 J-	< 0.051 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	5.7	< 0.23 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	7.2	< 0.23 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	5.1	< 0.23 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 45 U	< 40 U	< 40 U	< 35 U	< 70 U	170 J	< 20 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.1 UJ	< 0.1 UJ	< 0.14 UJ	25 J	< 0.056 UJ	61 J	1.6 J
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.1 U	< 0.099 U	< 0.27 U	2.3	< 0.072 U	43	1.3
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.1 U	< 0.099 U	< 0.27 U	2.7	< 0.072 U	42	< 85 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	16 J-	< 0.12 UJ	41 J-	0.93 J-
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	20 J	< 0.12 UJ	46 J+	1.2 J-
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 82 U	< 44 U	< 56 U	< 36 U	< 60 U	< 42 U	< 54 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	8.8 J	< 0.12 UJ	14 J	0.38 J
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.16 UJ	< 0.088 U	< 0.11 U	13 J	< 0.12 U	19 J+	0.61 J+

TABLE 2-13
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	1,1-Dichloroethane	1,1-Dichloroethene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	200	--	5	--	--	7
BCL						0.52	200	0.067	5	59000	2.4	7
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	R	< 0.067 U	< 0.098 U	14 J	< 0.079 U	20 J+	0.6 J+
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 42 U	< 32 U	< 42 U	< 54 U	< 84 U	< 44 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 42 U	< 32 U	< 42 U	< 54 U	< 84 U	< 44 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 42 U	< 32 U	< 42 U	< 54 U	< 84 U	< 44 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 42 U	< 32 U	< 42 U	< 54 U	< 84 U	< 44 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 42 U	< 32 U	< 42 U	< 54 U	< 84 UJ	< 44 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 42 UJ	< 32 UJ	< 42 UJ	< 54 UJ	< 84 UJ	< 44 UJ	< 46 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.09 UJ-	< 0.08 UJ-	< 0.08 UJ-	8.4 J-	< 0.14 UJ-	16 J-	< 0.04 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.1 UJ	< 0.1 UJ	< 0.14 UJ	< 0.092 UJ	< 0.056 UJ	16 J-	0.74 J-
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.1 UJ	< 0.099 UJ	< 0.27 UJ	< 0.19 UJ	< 0.072 UJ	12 J	0.51 J
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	0.6 J	< 0.12 UJ	7.3 J	< 0.11 UJ
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 8.2 U	< 4.4 U	< 5.6 U	< 3.6 U	< 6 U	6.1 J	< 5.4 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	0.16 J-	< 0.12 UJ	6.2 J-	0.3 J-
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	0.18 J-	< 0.12 UJ	6.5 J-	0.33 J-
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.09 U	< 0.067 U	< 0.098 U	0.42 J+	< 0.079 U	9 J+	0.53 J+
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 21 U	< 16 U	< 21 U	< 27 U	< 42 U	< 22 U	< 23 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 1 U	< 0.8 U	< 1 U	< 1.4 U	< 2.1 U	12	1.6 J
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 21 U	< 16 U	< 21 U	< 27 U	< 42 UJ	< 22 U	< 23 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.09 UJ-	< 0.08 UJ-	< 0.08 UJ-	< 0.07 UJ-	< 0.14 UJ-	25 J-	0.62 J-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 0.1 UJ	< 0.1 UJ	< 0.14 UJ	0.44 J-	< 0.056 UJ	23 J-	1.3 J-
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.1 U	< 0.099 U	< 0.27 U	< 0.19 U	< 0.072 U	10	0.6
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 0.16 U	< 0.088 U	< 0.11 U	0.22 J+	< 0.12 UJ	8.2 J+	< 0.11 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	8 J-	< 0.11 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	8.3 J-	0.47 J-
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.09 U	< 0.067 U	< 0.098 U	0.11 J	< 0.079 U	8.6	0.46 J
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 0.84 U	< 0.64 U	< 0.84 U	< 1.1 U	< 1.7 U	8.2	< 0.92 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	8.9	0.53 J
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.42 U	< 0.32 U	< 0.42 U	< 0.54 U	< 0.84 U	9.2	< 0.46 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.1 U	< 0.099 U	< 0.27 U	< 0.19 U	< 0.072 U	17	< 0.85 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 UJ	12 J+	< 0.11 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 1.6 U	< 0.88 U	< 1.1 U	< 0.71 U	< 1.2 U	14	< 1.1 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 1.6 U	< 0.88 U	< 1.1 U	< 0.71 U	< 1.2 U	13	< 1.1 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	< 0.071 UJ	< 0.12 UJ	16 J-	0.12 J-
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.09 U	< 0.067 U	< 0.098 U	< 0.063 U	< 0.079 U	9.6	0.065 J
Shallow	Downgradient	H-28	55f	N	10/26/10	< 0.84 U	< 0.64 U	< 0.84 U	< 1.1 U	< 1.7 U	17	< 0.92 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1 U	< 0.8 U	< 1 U	< 1.4 U	< 2.1 U	15	< 1.2 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 0.84 U	< 0.64 U	< 0.84 U	< 1.1 U	< 1.7 UJ	17	< 0.92 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.1 U	< 0.099 U	< 0.27 U	0.33	< 0.072 U	26	1.4
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	0.66 J	< 0.12 UJ	16 J	1.2 J
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.16 UJ	< 0.088 UJ	< 0.11 UJ	0.2 J	< 0.12 UJ	21 J	1.5 J
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 U	18	1.8
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.09 U	< 0.067 U	< 0.098 U	0.94 J+	< 0.079 U	17 J+	1.3 J+
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.42 U	< 0.32 U	< 0.42 U	< 0.54 U	< 0.84 U	16	1.5 J
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1 U	< 0.8 U	< 1 U	< 1.4 U	< 2.1 U	21	1.4 J
Shallow	Downgradient	H-43	55h	N	10/20/11	< 0.84 U	< 0.64 U	< 0.84 U	< 1.1 U	< 1.7 UJ	17	1.8 J
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.1 U	< 0.099 U	< 0.27 U	< 0.19 U	< 0.072 U	1.8	< 0.085 U

TABLE 2-13
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	1,1-Dichloroethane	1,1-Dichloroethene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	200	--	5	--	--	7
BCL						0.52	200	0.067	5	59000	2.4	7
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 UJ	1.5	< 0.11 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 U	1.7	< 0.11 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 U	1.7	< 0.11 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.16 U	< 0.088 U	< 0.11 U	< 0.071 U	< 0.12 U	1.9	< 0.11 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.09 U	< 0.067 U	< 0.098 U	< 0.063 U	< 0.079 U	1.5	< 0.051 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	2.3	< 0.23 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	2.4	< 0.23 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	1.9	< 0.23 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 110 U	< 120 U	< 120 U	< 120 U	--	< 160 U	< 170 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 54 U	< 60 U	< 60 U	< 60 U	--	< 80 U	< 84 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 84 U	< 64 U	< 84 U	< 110 U	< 170 U	< 88 U	< 92 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 210 U	< 160 U	< 210 U	< 270 U	< 420 U	< 220 U	< 230 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 84 U	< 64 U	< 84 U	< 110 U	< 170 U	190 J	< 92 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 110 U	< 120 U	< 120 U	< 120 U	--	< 160 U	< 170 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 27 U	< 30 U	< 30 U	< 30 U	--	< 40 U	< 42 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 27 U	< 30 U	< 30 U	< 30 U	--	< 40 U	< 42 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 84 U	< 64 U	< 84 U	< 110 U	< 170 U	< 88 U	< 92 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 210 U	< 160 U	< 210 U	< 270 U	< 420 U	< 220 U	< 230 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 84 U	< 64 U	< 84 U	< 110 U	< 170 U	< 88 U	< 92 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 16 UJ	< 8.8 UJ	< 11 UJ	< 7.1 UJ	< 12 UJ	12 J-	< 11 UJ
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 9 U	< 6.7 U	< 9.8 U	< 6.3 U	< 7.9 U	16 J	< 5.1 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 84 U	< 64 U	< 84 U	< 110 U	< 170 U	< 88 U	< 92 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 420 U	< 320 U	< 420 U	< 540 U	< 840 U	< 440 U	< 460 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 110 U	< 80 U	< 110 U	< 140 U	< 210 U	< 110 U	< 120 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 1.4 U	< 1.5 U	< 1.5 U	< 1.5 U	--	42	< 2.1 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 2.7 U	< 3 U	< 3 U	< 3 U	--	57	< 4.2 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 2.1 U	< 1.6 U	< 2.1 U	< 2.7 U	< 4.2 U	34	< 2.3 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 2.1 U	< 1.6 U	< 2.1 U	< 2.7 U	< 4.2 U	57	< 2.3 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	52	1.7
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 5.4 U	< 6 U	< 6 U	< 6 U	--	60	< 8.4 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 5.4 U	< 6 U	< 6 U	< 6 U	--	61	< 8.4 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 4.2 U	< 3.2 U	< 4.2 U	< 5.4 U	< 8.4 U	48	< 4.6 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 2.1 U	< 1.6 U	< 2.1 U	< 2.7 U	< 4.2 U	74	3 J
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 2.1 U	< 1.6 U	< 2.1 U	< 2.7 U	< 4.2 U	91	4.4 J
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.27 U	< 0.3 U	< 0.3 U	< 0.3 U	--	< 0.4 U	< 0.42 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.27 U	< 0.3 U	< 0.3 U	< 0.3 U	--	< 0.4 U	< 0.42 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.27 U	< 0.3 U	< 0.3 U	< 0.3 U	--	< 0.4 U	< 0.42 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.27 U	< 0.3 U	< 0.3 U	< 0.3 U	--	< 0.4 U	< 0.42 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.27 U	< 0.3 U	< 0.3 U	< 0.3 U	--	< 0.4 U	< 0.42 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.27 U	< 0.3 U	< 0.3 U	< 0.3 U	--	< 0.4 U	< 0.42 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	1,1-Dichloroethane	1,1-Dichloroethene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	200	--	5	--	--	7
BCL						0.52	200	0.067	5	59000	2.4	7
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.27 U	< 0.3 U	< 0.3 U	< 0.3 U	--	< 0.4 U	< 0.42 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.27 U	< 0.3 U	< 0.3 U	< 0.3 U	--	< 0.4 U	< 0.42 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.21 U	< 0.16 U	< 0.21 U	< 0.27 U	< 0.42 U	< 0.22 U	< 0.23 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dichlorobenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	70	--	0.2	600
BCL						--	--	0.0022	70	15	0.2	600
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.06 UJ-	< 110 UJ-	< 0.15 UJ-	550 J-	0.65 J-	< 0.27 UJ-	940 J
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.078 UJ	44 J	< 0.24 UJ	560 J	0.37 J	< 0.55 UJ	1200
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	5.1 J	72 J	< 0.22 UJ	530 J	0.39 J	< 0.48 UJ	1800 J-
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.068 UJ	3.6 J	< 0.23 UJ	460 J-	< 0.062 UJ	< 0.2 UJ	2000 J-
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.068 UJ	2 J	< 0.23 UJ	37 J	< 0.062 UJ	< 0.2 UJ	2200 J-
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 6.8 UJ	65 J	< 23 UJ	590 J	< 6.2 UJ	< 20 UJ	1900 J
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 6.8 UJ	61 J-	< 23 UJ	530 J-	< 6.2 UJ	< 20 UJ	1800 J-
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 0.043 U	120	< 0.15 U	1200	1.1 J+	< 0.41 U	2700
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 38 U	140 J	< 66 U	1500	< 30 U	< 94 U	3000
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 38 U	210	< 66 U	990	< 30 U	< 94 U	2100
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 19 U	120	< 33 U	1200	< 15 U	< 47 U	2700
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 15 U	< 28 U	< 38 U	< 15 U	< 12 U	< 68 U	55 J
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 0.078 U	< 0.12 U	< 0.24 U	2.6 J+	< 0.1 U	< 0.55 UJ	140 J
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.087 U	5.9 J+	< 0.22 U	37 J+	< 0.069 U	< 0.48 U	120 J
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	1.1 J	1.4 J	< 0.23 UJ	8.6 J	< 0.062 UJ	< 0.2 UJ	110
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 6.8 U	< 16 U	< 23 U	< 16 U	< 6.2 U	< 20 U	82 J
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 6.8 U	< 16 U	< 23 U	35 J	< 6.2 U	< 20 U	130
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	0.95 J+	0.34 J+	< 0.15 U	1.1 J+	< 0.041 U	< 0.41 U	170
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 7.6 U	< 8.4 U	< 13 U	< 8.4 U	< 6 U	< 19 U	110
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 7.6 U	< 8.4 U	< 13 U	< 8.4 U	< 6 U	< 19 U	92
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 3.8 U	< 4.2 U	< 6.6 U	< 4.2 U	< 3 U	< 9.4 U	96
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 3.9 U	< 6.1 U	< 12 U	34 J	< 5 U	< 28 UJ	35 J
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 6.8 U	< 16 U	< 23 U	< 16 U	< 6.2 U	< 20 U	19 J
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.043 U	0.94 J+	< 0.15 U	5.2 J+	0.1 J+	< 0.41 U	22 J+
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 3.8 U	< 4.2 U	< 6.6 U	< 4.2 U	< 3 U	< 9.4 U	16 J
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 19 U	< 21 U	< 33 U	< 21 U	< 15 U	< 47 U	20 J
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 3.8 U	< 4.2 U	< 6.6 U	< 4.2 U	< 3 U	< 9.4 U	17 J
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 7.6 U	< 8.4 U	< 13 U	< 8.4 U	< 6 U	< 19 U	20 J
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 7.6 U	< 8.4 U	< 13 U	< 8.4 U	< 6 U	< 19 UJ	20 J
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 7.6 U	< 8.4 U	< 13 U	< 8.4 U	< 6 U	< 19 UJ	27 J
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.087 UJ	1.3 J	< 0.22 UJ	5.6 J	< 0.069 UJ	< 0.48 UJ	230 J
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.068 UJ	2.3 J	< 0.23 UJ	12 J	< 0.062 UJ	< 0.2 UJ	360
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 6.8 U	< 16 U	< 23 U	23 J	< 6.2 U	< 20 U	620
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.068 U	< 0.16 UJ	< 0.23 UJ	1.1 J	13 J	< 0.2 UJ	670
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.043 U	6.1 J+	< 0.15 U	32 J+	< 0.041 U	< 0.41 U	990
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 19 U	< 21 U	< 33 U	< 21 U	< 15 U	< 47 U	670
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 190 U	< 210 U	< 330 U	< 210 U	< 150 U	< 470 U	710
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 7.6 U	< 8.4 U	< 13 U	< 8.4 U	< 6 U	< 19 UJ	540
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.087 U	13 J	< 0.22 UJ	120 J	< 0.069 UJ	< 0.48 UJ	1600
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 0.068 UJ	8.1 J	< 0.23 UJ	< 160 U	< 0.062 UJ	< 0.2 UJ	2100
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 6.8 UJ	22 J-	< 23 UJ	140 J-	< 6.2 UJ	< 20 UJ	1100 J-
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 14 U	140 J+	< 46 U	290 J-	< 12 U	< 40 U	1500 J-
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 4.3 UJ	27 J-	< 15 UJ	150 J-	5.6 J-	< 41 UJ	1300 J-
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 38 U	< 42 U	< 66 U	170 J	< 30 U	< 94 U	1400
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.9 U	< 2.1 U	< 3.3 U	< 2.1 U	< 1.5 U	< 4.7 U	66
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 19 UJ	< 21 UJ	< 33 UJ	140 J-	< 15 UJ	< 47 UJ	1400 J-

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dichlorobenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	70	--	0.2	600
BCL						--	--	0.0022	70	15	0.2	600
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.068 U	< 0.16 U	< 0.23 U	< 0.16 U	< 0.062 U	< 0.2 U	0.2 J
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.043 U	< 0.063 U	< 0.15 U	< 0.052 U	< 0.041 U	< 0.41 U	0.43 J
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	0.95 J
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	1.2
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	0.62 J
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 60 U	600 J	< 150 U	540 J	220 J	< 270 U	450 J
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 0.078 UJ	1.5 J	< 0.24 UJ	9.4 J	< 0.1 UJ	< 0.55 UJ	230 J
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	0.64 J	< 0.64 U	< 0.22 U	< 0.79 U	< 0.069 U	< 0.48 U	170 J-
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	0.47 J	< 0.16 UJ	< 0.23 UJ	< 0.16 UJ	< 0.062 UJ	< 0.2 UJ	170
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 6.8 U	< 16 U	< 23 U	< 16 U	< 6.2 U	< 20 U	150
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 6.8 U	< 16 U	< 23 U	< 16 U	< 6.2 U	< 20 U	170
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.043 U	< 0.063 U	< 0.15 U	< 0.052 U	< 0.041 U	< 0.41 U	170 J
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 7.6 U	< 8.4 U	< 13 U	< 8.4 U	< 6 U	< 19 U	230
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.76 U	< 0.84 U	< 1.3 U	< 0.84 U	< 0.6 U	< 1.9 U	220
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 7.6 U	< 8.4 U	< 13 U	< 8.4 U	< 6 U	< 19 U	180
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.06 U	< 0.11 U	13	< 0.06 U	< 0.05 U	< 0.27 U	12
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.06 U	< 0.11 U	14	< 0.06 U	< 0.05 U	< 0.27 U	13
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.078 U	< 0.12 U	< 0.24 U	< 0.091 U	< 0.1 U	< 0.55 UJ	17
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.087 U	< 0.64 U	< 0.22 U	< 0.79 U	< 0.069 U	< 0.48 U	14
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.087 U	< 0.64 U	< 0.22 U	< 0.79 U	< 0.069 U	< 0.48 U	15
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.068 U	< 0.16 U	< 0.23 U	< 0.16 U	< 0.062 U	< 0.2 U	21 J+
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.068 UJ	< 0.16 UJ	< 0.23 UJ	< 0.16 UJ	< 0.062 UJ	< 0.2 UJ	14 J-
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.068 U	< 0.16 U	< 0.23 U	0.36 J+	< 0.062 U	< 0.2 U	17
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.043 U	< 0.063 U	< 0.15 U	< 0.052 U	< 0.041 U	< 0.41 U	18 J+
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 0.95 U	< 1 U	< 1.6 U	< 1 U	< 0.75 U	< 2.4 U	16
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 0.95 U	< 1 U	< 1.6 U	< 1 U	< 0.75 U	< 2.4 U	18
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	21
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.06 U	< 0.11 U	< 0.15 U	0.38 J	< 0.05 U	< 0.27 U	2.5
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.078 UJ	< 0.12 UJ	< 0.24 UJ	0.36 J-	< 0.1 UJ	< 0.55 UJ	3.7 J-
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.087 U	< 0.64 U	< 0.22 U	< 0.79 U	< 0.069 U	< 0.48 U	3.3 J+
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.068 UJ	4.1 J	< 0.23 UJ	32 J	< 0.062 UJ	< 0.2 UJ	41 J
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.068 U	< 0.16 U	< 0.23 U	< 0.16 U	< 0.062 U	< 0.2 U	3.4
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.068 UJ	< 0.16 UJ	< 0.23 UJ	< 0.16 UJ	< 0.062 UJ	< 0.2 UJ	4.3 J-
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.043 UJ	< 0.063 UJ	< 0.15 UJ	< 0.052 UJ	< 0.041 UJ	< 0.41 UJ	3.6 J-
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	3.4
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	3.8
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.19 U	< 0.21 U	< 0.33 U	0.35 J	< 0.15 U	< 0.47 UJ	5.3
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 30 U	< 55 U	< 75 U	200 J	< 25 U	< 140 U	300 J
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.078 UJ	34 J	< 0.24 UJ	230 J	0.21 J	< 0.55 UJ	610 J
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.087 U	6.5	< 0.22 U	54	0.37	< 0.48 U	1400
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.087 U	5.9	< 0.22 U	47	0.35	< 0.48 U	950
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.068 UJ	42 J+	< 0.23 UJ	280 J+	0.44 J-	< 0.2 UJ	670 J+
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.068 UJ	47 J+	< 0.23 UJ	320 J+	0.46 J-	< 0.2 UJ	770 J+
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 34 U	< 80 U	< 120 U	190 J	< 31 U	< 100 U	1000
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.068 UJ	55 J	< 0.23 UJ	280 J	0.35 J	< 0.2 UJ	1100 J-
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.068 U	68 J	< 0.23 U	290 J	0.42 J+	< 0.2 U	1000 J-

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dichlorobenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	70	--	0.2	600
BCL						--	--	0.0022	70	15	0.2	600
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 0.043 U	65 J	< 0.15 U	310 J	0.8 J+	< 0.41 U	1300
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 38 U	< 42 U	< 66 U	150 J	< 30 U	< 94 U	1400
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 38 U	< 42 U	< 66 U	180 J	< 30 U	< 94 U	1500
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 38 U	160 J	< 66 U	160 J	< 30 U	< 94 U	1900
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 38 U	160 J	< 66 U	180 J	< 30 U	< 94 U	1800
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 38 U	< 42 U	< 66 U	200	< 30 U	< 94 U	1900
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 38 UJ	< 42 UJ	< 66 UJ	190 J-	< 30 UJ	< 94 UJ	1800 J-
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.06 UJ-	< 220 UJ-	< 0.15 UJ-	< 120 UJ-	1.1 J-	< 0.27 UJ-	< 180 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.078 UJ	24 J	< 0.24 UJ	330 J	< 0.1 UJ	< 0.55 UJ	640 J
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.087 UJ	38 J	< 0.22 UJ	200 J	0.11 J	< 0.48 UJ	320
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.068 UJ	42 J	< 0.23 UJ	160	0.13 J	< 0.2 UJ	220
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 3.4 U	17 J	< 12 U	88	< 3.1 U	< 10 U	170
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.068 UJ	19 J	< 0.23 UJ	170 J	< 0.062 UJ	< 20 U	170
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.068 UJ	21 J	< 0.23 UJ	180 J	< 0.062 UJ	< 20 U	210
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.043 U	36 J+	< 0.15 U	160 J	0.12 J+	< 0.41 U	210
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 19 U	23 J	< 33 U	100	< 15 U	< 47 U	120
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 0.95 U	32	< 1.6 U	170	1 J	< 2.4 U	140
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 19 U	< 21 U	< 33 U	--	< 15 U	< 47 U	160
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.06 UJ-	6.1 J-	< 0.15 UJ-	100 J-	< 0.05 UJ-	< 0.27 UJ-	340 J-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 0.078 UJ	12 J-	< 0.24 UJ	69	< 0.1 UJ	< 0.55 UJ	91
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.087 U	7.5	< 0.22 U	37	< 0.069 U	< 0.48 U	61
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 0.068 U	9 J+	< 0.23 U	41 J+	< 0.062 U	< 0.2 U	76
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.068 UJ	6.1 J-	< 0.23 UJ	28 J-	< 0.062 UJ	< 0.2 UJ	47 J
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.068 UJ	< 16 U	< 0.23 UJ	23 J	< 0.062 UJ	< 0.2 UJ	70 J
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.043 U	6.7	< 0.15 U	34	< 0.041 U	< 0.41 U	95
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 0.76 U	6.2	< 1.3 U	29	< 0.6 U	< 1.9 U	58
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.19 U	5	< 0.33 U	33	0.21 J	< 0.47 U	50
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.38 U	5	< 0.66 U	33	< 0.3 U	< 0.94 U	68
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.087 U	2.3	< 0.22 U	8	< 0.069 U	< 0.48 U	16
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.068 U	0.4 J+	< 0.23 U	1.5 J+	< 0.062 U	< 0.2 U	8.4 J+
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.68 U	< 1.6 U	< 2.3 U	< 1.6 U	< 0.62 U	< 2 U	7.6 J
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.68 U	< 1.6 U	< 2.3 U	< 1.6 U	< 0.62 U	< 2 U	7.2 J
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.068 UJ	< 0.16 UJ	< 0.23 UJ	< 0.16 UJ	< 0.062 UJ	< 4 U	7.7 J-
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.043 U	< 0.063 U	< 0.15 U	< 0.052 U	0.093 J	< 0.41 U	6.3
Shallow	Downgradient	H-28	55f	N	10/26/10	< 0.76 U	< 0.84 U	< 1.3 U	< 0.84 U	< 0.6 U	< 1.9 U	11
Shallow	Downgradient	H-28	55g	N	03/24/11	< 0.95 U	< 1 U	< 1.6 U	< 1 U	< 0.75 U	< 2.4 U	6.6
Shallow	Downgradient	H-28	55h	N	10/20/11	< 0.76 U	< 0.84 U	< 1.3 U	< 0.84 U	< 0.6 U	< 1.9 U	8.7
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.087 U	14	< 0.22 U	66	< 0.069 U	< 0.48 U	1300
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.068 UJ	23 J	< 0.23 UJ	64	< 0.062 UJ	< 0.2 UJ	1200
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.068 UJ	7.9 J	< 0.23 UJ	46 J	< 0.062 UJ	< 0.2 UJ	1100
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.068 U	< 16 U	< 0.23 U	31 J	< 0.062 U	< 0.2 U	820
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.043 U	18 J+	< 0.15 U	82	0.12 J+	< 0.41 U	1400
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.38 U	19	< 0.66 U	73	< 0.3 U	< 0.94 U	450
Shallow	Downgradient	H-43	55g	N	03/24/11	< 0.95 U	12	< 1.6 U	39	< 0.75 U	< 2.4 U	400
Shallow	Downgradient	H-43	55h	N	10/20/11	< 0.76 U	9.6	< 1.3 U	36	< 0.6 U	< 1.9 U	310
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.087 U	< 0.64 U	< 0.22 U	< 0.79 U	< 0.069 U	< 0.48 U	< 0.16 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dichlorobenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	70	--	0.2	600
BCL						--	--	0.0022	70	15	0.2	600
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.068 U	< 0.16 U	< 0.23 U	0.24 J	< 0.062 U	< 0.2 U	0.37 J
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.068 U	< 0.16 U	< 0.23 U	< 0.16 U	< 0.062 U	< 0.2 U	< 0.11 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.068 U	< 0.16 U	< 0.23 U	< 0.16 U	< 0.062 U	< 0.2 U	< 0.11 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.068 U	< 0.16 U	< 0.23 U	< 0.16 U	< 0.062 U	< 0.2 U	< 0.11 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.043 U	< 0.063 U	< 0.15 U	< 0.052 U	< 0.041 U	< 0.41 U	0.094 J
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	< 0.15 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	0.33 J
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	< 0.15 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 110 U	< 120 U	< 160 U	< 190 U	< 92 U	< 390 U	1600
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 56 U	< 60 U	< 80 U	< 96 U	< 46 U	< 190 U	1700
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 76 U	< 84 U	< 130 U	< 84 U	< 60 U	< 190 U	1300
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 190 U	< 210 U	< 330 U	< 210 U	< 150 U	< 470 U	2000
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 76 U	< 84 U	< 130 U	< 84 U	< 60 U	< 190 U	750
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 110 U	< 120 U	< 160 U	< 190 U	< 92 U	< 390 U	< 130 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 28 U	< 30 U	< 40 U	< 48 U	< 23 U	< 97 U	34
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 28 U	< 30 U	< 40 U	< 48 U	< 23 U	< 97 U	33
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 76 U	< 84 U	< 130 U	< 84 U	< 60 U	< 190 U	< 60 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 190 U	< 210 U	< 330 U	< 210 U	< 150 U	< 470 U	< 150 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 76 U	< 84 U	< 130 U	< 84 U	< 60 U	< 190 U	< 60 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 6.8 UJ	< 16 UJ	< 23 UJ	25 J-	< 6.2 UJ	< 20 UJ	5200 J
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 4.3 U	17 J	< 15 U	110	7.5 J	< 41 U	13000
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 76 U	< 84 U	< 130 U	< 84 U	< 60 U	< 190 U	10000
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 380 U	< 420 U	< 660 U	< 420 U	< 300 U	< 940 U	15000
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 95 U	< 110 U	< 170 U	< 110 U	< 75 U	< 240 U	4700
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 1.4 U	< 1.5 U	< 2 U	< 2.4 U	< 1.2 U	< 4.8 U	58
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 2.8 U	< 3 U	< 4 U	< 4.8 U	< 2.3 U	< 9.7 U	70
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.9 U	< 2.1 U	< 3.3 U	< 2.1 U	< 1.5 U	< 4.7 U	52
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.9 U	< 2.1 U	< 3.3 U	< 2.1 U	< 1.5 U	< 4.7 U	79
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.19 U	0.57 J	< 0.33 U	2.6	< 0.15 U	< 0.47 U	85 J
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 5.6 U	< 6 U	< 8 U	< 9.6 U	< 4.6 U	< 19 U	61
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 5.6 U	< 6 U	< 8 U	< 9.6 U	< 4.6 U	< 19 U	77
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 3.8 U	< 4.2 U	< 6.6 U	< 4.2 U	< 3 U	< 9.4 U	65
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.9 U	< 2.1 U	< 3.3 U	< 2.1 U	< 1.5 U	< 4.7 U	120
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 1.9 U	< 2.1 U	< 3.3 U	< 2.1 U	< 1.5 U	< 4.7 UJ	130
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.28 U	< 0.3 U	< 0.4 U	< 0.48 U	< 0.23 U	< 0.97 U	< 0.32 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.28 U	< 0.3 U	< 0.4 U	< 0.48 U	< 0.23 U	< 0.97 U	2.5
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	0.2 J	< 0.47 U	1.4
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	0.26 J	< 0.47 U	0.43 J
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	< 0.15 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.28 U	< 0.3 U	< 0.4 U	< 0.48 U	< 0.23 U	< 0.97 U	11
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.28 U	< 0.3 U	< 0.4 U	< 0.48 U	< 0.23 U	< 0.97 U	2.3
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	1.7
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	0.41 J
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	< 0.15 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.28 U	< 0.3 U	< 0.4 U	< 0.48 U	< 0.23 U	< 0.97 U	9.2
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.28 U	< 0.3 U	< 0.4 U	< 0.48 U	< 0.23 U	< 0.97 U	2.9

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,1-Dichloropropene	1,2,3-Trichlorobenzene	1,2,3-Trichloropropane	1,2,4-Trichlorobenzene	1,2,4-Trimethylbenzene	1,2-Dibromo-3-chloropropane (DBCP)	1,2-Dichlorobenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	70	--	0.2	600
BCL						--	--	0.0022	70	15	0.2	600
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	1.4
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	0.27 J	< 0.47 U	0.61 J
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	< 0.15 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.28 U	< 0.3 U	< 0.4 U	< 0.48 U	0.29	< 0.97 U	8.2
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.28 U	< 0.3 U	< 0.4 U	< 0.48 U	< 0.23 U	< 0.97 U	3.4
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	0.15 J	< 0.47 U	1.5
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	0.28 J	< 0.47 U	0.76 J
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.19 U	< 0.21 U	< 0.33 U	< 0.21 U	< 0.15 U	< 0.47 U	< 0.15 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2-Dichloroethane	1,2-Dichloroethene (total)	1,2-Dichloropropane	1,3,5-Trichlorobenzene	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	5	--	--	--	--
BCL						5	--	5	--	15	87	8.3
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.09 UJ-	--	< 0.1 UJ-	4.1 J-	0.41 J-	< 40 UJ-	< 0.06 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	12 J	0.13 J	< 0.077 UJ	1.6 J	< 0.1 UJ	89 J	< 0.052 UJ
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.18 UJ	< 0.14 UJ	< 0.077 UJ	2.9 J	< 0.058 UJ	89 J-	< 0.12 UJ
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	14 J	< 0.21 UJ	< 0.054 UJ	0.77 J	< 0.11 UJ	120 J-	< 0.053 UJ
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	12 J	< 0.21 UJ	< 0.054 UJ	< 0.12 UJ	< 0.11 UJ	130 J-	< 0.053 UJ
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 5 UJ	< 21 UJ	< 5.4 UJ	< 12 UJ	< 11 UJ	96 J	< 5.3 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 5 UJ	< 21 UJ	< 5.4 UJ	< 12 UJ	< 11 UJ	< 8.1 UJ	< 5.3 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	9.4 J+	< 0.13 U	< 0.097 U	3.4 J+	0.56 J+	150	R
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 26 U	< 48 U	< 36 U	< 64 U	< 32 U	150 J	< 44 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 26 U	< 48 U	< 36 U	< 64 U	< 32 U	91 J	< 44 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 13 U	< 24 U	< 18 U	< 32 U	< 16 U	140	< 22 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 22 U	--	< 25 U	< 12 U	< 15 U	< 10 U	< 15 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	53 J	< 0.1 U	< 0.077 U	< 0.17 U	< 0.1 U	5.8 J+	< 0.052 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	34 J-	< 0.14 U	0.28 J+	0.13 J+	< 0.058 U	7.4 J+	< 0.12 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	50 J	< 0.21 UJ	0.26 J	< 0.12 UJ	< 0.11 UJ	8.1 J	< 0.053 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	40 J	< 21 U	< 5.4 U	< 12 U	< 11 U	< 8.1 U	< 5.3 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	39 J	< 21 U	< 5.4 U	< 12 U	< 11 U	< 8.1 U	< 5.3 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	50 J	< 0.13 U	0.24 J+	< 0.13 U	< 0.046 U	5.1 J+	< 0.072 UJ
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 5.2 U	< 9.6 U	< 7.2 U	< 13 U	< 6.4 U	< 5.2 U	< 8.8 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 5.2 U	< 9.6 U	< 7.2 U	< 13 U	< 6.4 U	< 5.2 U	< 8.8 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 2.6 U	< 4.8 U	< 3.6 U	< 6.4 U	< 3.2 U	< 2.6 U	< 4.4 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 5.3 U	< 5 U	< 3.8 U	< 8.7 U	< 5 U	< 5 U	< 2.6 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 5 U	< 21 U	< 5.4 U	< 12 U	< 11 U	< 8.1 U	< 5.3 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.1 U	< 0.13 U	< 0.097 U	< 0.13 U	< 0.046 U	1.8 J+	< 0.072 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 2.6 U	< 4.8 U	< 3.6 U	< 6.4 U	< 3.2 U	< 2.6 U	< 4.4 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 13 U	< 24 U	< 18 U	< 32 U	< 16 U	< 13 U	< 22 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 2.6 U	< 4.8 U	< 3.6 U	< 6.4 U	< 3.2 U	< 2.6 U	< 4.4 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 5.2 U	< 9.6 U	< 7.2 U	< 13 U	< 6.4 U	< 5.2 U	< 8.8 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	560	< 9.6 U	< 7.2 U	< 13 U	< 6.4 U	< 5.2 U	< 8.8 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	730	< 9.6 U	< 7.2 U	< 13 U	< 6.4 U	< 5.2 U	< 8.8 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	91 J	0.4 J	0.22 J	< 0.13 UJ	< 0.058 UJ	24 J	< 0.12 UJ
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	34 J	< 0.21 UJ	0.096 J	< 0.12 UJ	< 0.11 UJ	25 J	< 0.053 U
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	45 J	< 21 U	< 5.4 U	< 12 U	< 11 U	33 J	< 5.3 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	44 J	< 0.21 U	0.13 J+	< 0.12 UJ	< 0.11 UJ	67 J	< 0.053 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	70 J	0.42 J+	0.19 J+	< 0.13 U	< 0.046 U	39 J+	< 0.072 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 13 U	< 24 U	< 18 U	< 32 U	< 16 U	30 J	< 22 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 13 U	< 24 U	< 18 U	< 32 U	< 16 U	30 J	< 22 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 5.2 U	< 9.6 U	< 7.2 U	< 13 U	< 6.4 U	24 J	< 8.8 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	55 J	< 0.14 U	< 0.077 U	1.3 J	0.12 J	44 J	< 0.12 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 50 U	< 0.21 UJ	< 0.054 UJ	1.4 J	0.35 J	< 81 U	< 0.053 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 5 UJ	< 21 UJ	< 5.4 UJ	< 12 UJ	< 11 UJ	53 J-	< 5.3 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 10 U	< 41 U	< 11 U	< 24 U	< 21 U	100 J	< 11 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 10 UJ	< 13 UJ	< 9.7 UJ	< 13 UJ	< 4.6 UJ	55 J-	< 7.2 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 26 U	< 48 U	< 36 U	< 64 U	< 32 U	55 J	< 44 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.3 U	< 2.4 U	< 1.8 U	< 3.2 U	< 1.6 U	2.6 J	< 2.2 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 13 UJ	< 24 UJ	< 18 UJ	< 32 UJ	< 16 UJ	59 J-	< 22 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2-Dichloroethane	1,2-Dichloroethene (total)	1,2-Dichloropropane	1,3,5-Trichlorobenzene	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	5	--	--	--	--
BCL						5	--	5	--	15	87	8.3
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.05 U	< 0.21 U	< 0.054 U	< 0.12 U	< 0.11 U	< 0.081 U	< 0.053 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.1 U	< 0.13 U	< 0.097 U	< 0.13 U	< 0.046 U	< 0.045 U	< 0.072 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 90 U	--	< 100 U	< 50 U	180 J	340 J	< 60 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	73 J	< 0.1 UJ	< 0.077 UJ	< 0.17 UJ	< 0.1 UJ	6.9 J	< 0.052 UJ
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	58 J	< 0.14 U	0.2 J	< 0.13 U	< 0.058 U	7.6	< 0.12 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	59 J	< 0.21 UJ	0.17 J	< 0.12 UJ	< 0.11 UJ	8.8 J	< 0.053 UJ
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 5 U	< 21 U	< 5.4 U	25 J	< 11 U	< 8.1 U	< 5.3 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	43 J	< 21 U	< 5.4 U	< 12 U	< 11 U	< 8.1 U	< 5.3 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	60 J	< 0.13 U	0.18 J+	< 0.13 U	< 0.046 U	7.7 J+	< 0.072 UJ
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 5.2 U	< 9.6 U	< 7.2 U	< 13 U	< 6.4 U	7.4 J	< 8.8 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.52 U	< 0.96 U	< 0.72 U	< 1.3 U	< 0.64 U	7.6	< 0.88 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 5.2 U	< 9.6 U	< 7.2 U	< 13 U	< 6.4 U	< 5.2 U	< 8.8 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	11	--	< 0.1 U	< 0.05 U	< 0.06 U	0.29 J	< 0.06 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	12	--	< 0.1 U	< 0.05 U	< 0.06 U	0.32 J	< 0.06 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	12	< 0.1 U	< 0.077 U	< 0.17 U	< 0.1 U	0.43 J	< 0.052 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	14	< 0.14 U	< 0.077 U	< 0.13 U	< 0.058 U	< 0.046 U	< 0.12 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	14	< 0.14 U	< 0.077 U	< 0.13 U	< 0.058 U	< 0.046 U	< 0.12 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	12 J+	< 0.21 U	0.074 J+	< 0.12 U	< 0.11 U	0.64 J+	< 0.053 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	10 J-	< 0.21 UJ	< 0.054 UJ	< 0.12 UJ	< 0.11 UJ	< 0.081 UJ	< 0.053 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	9.6	< 0.21 U	0.055 J	< 0.12 U	< 0.11 U	0.42 J	< 0.053 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	12 J+	< 0.13 U	< 0.097 U	< 0.13 U	< 0.046 U	0.44 J+	< 0.072 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	9.2	< 1.2 U	< 0.9 U	< 1.6 U	< 0.8 U	< 0.65 U	< 1.1 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	11	< 1.2 U	< 0.9 U	< 1.6 U	< 0.8 U	< 0.65 U	< 1.1 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	9.8	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	0.6 J	< 0.22 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	2.8	--	< 0.1 U	< 0.05 U	< 0.06 U	0.19 J	< 0.06 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	3.8 J	< 0.1 UJ	< 0.077 UJ	< 0.17 UJ	< 0.1 UJ	0.16 J-	< 0.052 UJ
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	2.7 J-	< 0.14 U	< 0.077 U	< 0.13 U	< 0.058 U	< 0.046 U	< 0.12 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	3.7 J	< 0.21 UJ	< 0.054 UJ	< 0.12 UJ	< 0.11 UJ	3.1 J	< 0.053 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	3.2	< 0.21 U	< 0.054 U	< 0.12 U	< 0.11 U	< 0.081 U	< 0.053 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	3 J-	< 0.21 UJ	< 0.054 UJ	< 0.12 UJ	< 0.11 UJ	0.19 J-	< 0.053 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	4.5 J-	< 0.13 UJ	< 0.097 UJ	< 0.13 UJ	< 0.046 UJ	0.15 J-	< 0.072 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	3.3	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	4.4	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	3.3	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	96 J	--	< 50 U	< 25 U	< 30 U	< 20 U	< 30 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	62 J	< 0.1 UJ	< 0.077 UJ	0.77 J	< 0.1 UJ	36 J	< 0.052 UJ
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	22	< 0.14 U	< 0.077 U	0.58	0.15	54	< 0.12 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 180 U	< 0.14 U	< 0.077 U	0.56	0.14	54	< 0.12 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	27 J-	< 0.21 UJ	< 0.054 UJ	1.8 J-	0.17 J-	37 J+	< 0.053 UJ
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	26 J-	< 0.21 UJ	< 0.054 UJ	1.8 J-	0.17 J-	44 J+	< 0.053 UJ
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 25 U	< 100 U	< 27 U	< 61 U	< 53 U	77 J	< 26 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	11 J	< 0.21 UJ	< 0.054 UJ	0.83 J	0.13 J	77 J	< 0.053 UJ
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	12 J+	< 0.21 U	0.17 J+	1.1 J+	0.16 J+	--	< 0.053 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2-Dichloroethane	1,2-Dichloroethene (total)	1,2-Dichloropropane	1,3,5-Trichlorobenzene	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	5	--	--	--	--
BCL						5	--	5	--	15	87	8.3
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	18 J+	< 0.13 U	< 0.097 U	2.4 J+	0.31 J+	120 J	R
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 26 U	< 48 U	< 36 U	< 64 U	< 32 U	86 J	< 44 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 26 U	< 48 U	< 36 U	< 64 U	< 32 U	89 J	< 44 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 26 U	< 48 U	< 36 U	< 64 U	< 32 U	93 J	< 44 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 26 U	< 48 U	< 36 U	< 64 U	< 32 U	100 J	< 44 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 26 U	< 48 U	< 36 U	< 64 U	< 32 U	110 J	< 44 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 26 UJ	< 48 UJ	< 36 UJ	< 64 UJ	< 32 UJ	100 J-	< 44 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.09 UJ-	--	< 0.1 UJ-	1.1 J-	0.44 J-	< 80 UJ-	< 0.06 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	32 J-	0.65 J-	< 0.077 UJ	0.51 J	< 0.1 UJ	21 J	< 0.052 UJ
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	57 J	0.58 J	< 0.077 UJ	1.5 J	< 0.058 UJ	18 J	< 0.12 UJ
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	22 J	0.34 J	0.094 J	1.6 J	< 0.11 UJ	20 J	< 0.053 UJ
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	27 J	< 10 U	< 2.7 U	< 6.1 U	< 5.3 U	15 J	< 2.6 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	33 J-	0.47 J-	0.11 J-	0.67 J	< 0.11 UJ	9 J	< 0.053 UJ
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	33 J-	0.49 J-	0.11 J-	0.78 J	< 0.11 UJ	9.6 J	< 0.053 UJ
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	38 J+	0.53 J+	0.13 J+	1.7 J+	< 0.046 U	16 J+	< 0.072 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	760	< 24 U	< 18 U	< 32 U	< 16 U	190	< 22 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 0.65 U	< 1.2 U	< 0.9 U	< 1.6 U	< 0.8 U	11	< 1.1 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 13 U	< 24 U	< 18 U	< 32 U	< 16 U	< 13 U	< 22 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	5.9 J-	--	0.37 J-	< 0.05 UJ-	< 0.06 UJ-	14 J-	< 0.06 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	5.6 J-	< 0.1 UJ	0.49 J-	0.38 J-	< 0.1 UJ	3.4 J-	< 0.052 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	2.5	0.2	< 0.077 U	0.45	< 0.058 U	3.2	< 0.12 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	1.8 J+	< 0.21 U	< 0.054 U	0.38 J+	< 0.11 U	3.9 J+	< 0.053 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	2.3 J-	< 0.21 UJ	< 0.054 UJ	< 0.12 UJ	< 0.11 UJ	2.7 J-	< 0.053 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	2 J-	0.21 J-	< 0.054 UJ	0.22 J-	< 0.11 UJ	2.9 J-	< 0.053 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	2.1	0.15 J	< 0.097 U	0.36 J	< 0.046 U	4.3	< 0.072 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	2.1 J	< 0.96 U	< 0.72 U	< 1.3 U	< 0.64 U	5	< 0.88 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	2.6	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	5.6	< 0.22 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	2.3	< 0.48 U	< 0.36 U	< 0.64 U	< 0.32 U	7.4	< 0.44 U
Shallow	Downgradient	H-28	55a	N	01/26/09	10	< 0.14 U	< 0.077 U	< 0.13 U	< 0.058 U	0.81	< 0.12 U
Shallow	Downgradient	H-28	55b	N	04/22/09	5.7 J+	< 0.21 U	< 0.054 U	< 0.12 U	< 0.11 U	< 0.081 U	< 0.053 U
Shallow	Downgradient	H-28	55c	N	07/22/09	8.5 J	< 2.1 U	< 0.54 U	< 1.2 U	< 1.1 U	< 0.81 U	< 0.53 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	7.7 J	< 2.1 U	< 0.54 U	< 1.2 U	< 1.1 U	< 0.81 U	< 0.53 U
Shallow	Downgradient	H-28	55d	N	10/20/09	8.7 J-	< 0.21 UJ	0.068 J-	< 0.12 UJ	< 0.11 UJ	< 0.081 UJ	< 0.053 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	6.3	< 0.13 U	< 0.097 U	< 0.13 U	< 0.046 U	0.34 J	< 0.072 U
Shallow	Downgradient	H-28	55f	N	10/26/10	8.4	< 0.96 U	< 0.72 U	< 1.3 U	< 0.64 U	< 0.52 U	< 0.88 U
Shallow	Downgradient	H-28	55g	N	03/24/11	8.2	< 1.2 U	< 0.9 U	< 1.6 U	< 0.8 U	< 0.65 U	< 1.1 U
Shallow	Downgradient	H-28	55h	N	10/20/11	9.5	< 0.96 U	< 0.72 U	< 1.3 U	< 0.64 U	< 0.52 U	< 0.88 U
Shallow	Downgradient	H-43	55a	N	01/27/09	6.5	1.2	0.5	0.52	< 0.058 U	22	< 0.12 U
Shallow	Downgradient	H-43	55b	N	04/21/09	3.1 J	0.88 J	0.44 J	0.74 J	< 0.11 UJ	34 J	< 0.053 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	4.1 J	1.1 J	0.4 J	0.28 J	< 0.11 UJ	13 J	< 0.053 UJ
Shallow	Downgradient	H-43	55d	N	10/23/09	3.1	1 J	0.4 J	0.34 J	< 0.11 U	21	< 0.053 U
Shallow	Downgradient	H-43	55e	N	05/11/10	3.4 J+	0.8 J+	0.45 J+	0.61 J+	< 0.046 U	< 0.045 U	< 0.072 U
Shallow	Downgradient	H-43	55f	N	10/26/10	4.1	0.63 J	< 0.36 U	< 0.64 U	< 0.32 U	13	< 0.44 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 0.65 U	< 1.2 U	< 0.9 U	< 1.6 U	< 0.8 U	9.2	< 1.1 U
Shallow	Downgradient	H-43	55h	N	10/20/11	3.7 J	1.6 J	< 0.72 U	< 1.3 U	< 0.64 U	7.9	< 0.88 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.18 U	< 0.14 U	< 0.077 U	< 0.13 U	< 0.058 U	< 0.046 U	< 0.12 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2-Dichloroethane	1,2-Dichloroethene (total)	1,2-Dichloropropane	1,3,5-Trichlorobenzene	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	5	--	--	--	--
BCL						5	--	5	--	15	87	8.3
Shallow	Downgradient	M7B	55b	N	04/23/09	1	< 0.21 U	< 0.054 U	< 0.12 U	< 0.11 U	< 0.081 U	< 0.053 U
Shallow	Downgradient	M7B	55c	N	07/28/09	1.4	< 0.21 U	< 0.054 U	< 0.12 U	< 0.11 U	< 0.081 U	< 0.053 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	1.3	< 0.21 U	< 0.054 U	< 0.12 U	< 0.11 U	< 0.081 U	< 0.053 U
Shallow	Downgradient	M7B	55d	N	10/28/09	1.4	< 0.21 U	< 0.054 U	< 0.12 U	< 0.11 U	< 0.081 U	< 0.053 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.1 U	< 0.13 U	< 0.097 U	< 0.13 U	< 0.046 U	< 0.045 U	< 0.072 U
Shallow	Downgradient	M7B	55f	N	10/28/10	1.3	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Shallow	Downgradient	M7B	55g	N	03/30/11	1.4	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	1.2	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 110 U	--	< 140 U	--	< 100 U	< 140 U	< 130 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 56 U	--	< 70 U	--	< 52 U	< 70 U	< 64 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 52 U	< 96 U	< 72 U	< 130 U	< 64 U	< 52 U	< 88 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 130 U	< 240 U	< 180 U	< 320 U	< 160 U	< 130 U	< 220 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 52 U	< 96 U	< 72 U	< 130 U	< 64 U	1400	< 88 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 110 U	--	< 140 U	--	< 100 U	< 140 U	< 130 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 28 U	--	< 35 U	--	< 26 U	< 35 U	< 32 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 28 U	--	< 35 U	--	< 26 U	< 35 U	< 32 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 52 U	< 96 U	< 72 U	< 130 U	< 64 U	< 52 U	< 88 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 130 U	< 240 U	< 180 U	< 320 U	< 160 U	< 130 U	< 220 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	660	< 96 U	< 72 U	< 130 U	< 64 U	< 52 U	< 88 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 5 UJ	< 21 UJ	< 5.4 UJ	< 12 UJ	< 11 UJ	< 8.1 UJ	< 5.3 UJ
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 10 U	< 13 U	< 9.7 U	< 13 U	< 4.6 U	500	< 7.2 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 52 U	< 96 U	< 72 U	< 130 U	< 64 U	410	< 88 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 260 U	< 480 U	< 360 U	< 640 U	< 320 U	650 J	< 440 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 65 U	< 120 U	< 90 U	< 160 U	< 80 U	200 J	< 110 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	17	--	< 1.8 U	--	< 1.3 U	2.6	< 1.6 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	14	--	< 3.5 U	--	< 2.6 U	< 3.5 U	< 3.2 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.3 U	< 2.4 U	< 1.8 U	< 3.2 U	< 1.6 U	2.7 J	< 2.2 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	20	< 2.4 U	< 1.8 U	< 3.2 U	< 1.6 U	3.2 J	< 2.2 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	18	0.41 J	< 0.18 U	< 0.32 U	< 0.16 U	3.7	< 0.22 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	13	--	< 7 U	--	< 5.2 U	< 7 U	< 6.4 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	9.8	--	< 7 U	--	< 5.2 U	< 7 U	< 6.4 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 2.6 U	< 4.8 U	< 3.6 U	< 6.4 U	< 3.2 U	< 2.6 U	< 4.4 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.3 U	< 2.4 U	< 1.8 U	< 3.2 U	< 1.6 U	4.5 J	< 2.2 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	16	< 2.4 U	< 1.8 U	< 3.2 U	< 1.6 U	6.2 J	< 2.2 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.28 U	--	< 0.35 U	--	< 0.26 U	< 0.35 U	< 0.32 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.28 U	--	< 0.35 U	--	< 0.26 U	< 0.35 U	< 0.32 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.28 U	--	< 0.35 U	--	< 0.26 U	0.62	< 0.32 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.28 U	--	< 0.35 U	--	< 0.26 U	< 0.35 U	< 0.32 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.28 U	--	< 0.35 U	--	< 0.26 U	0.53	< 0.32 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.28 U	--	< 0.35 U	--	< 0.26 U	< 0.35 U	< 0.32 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2-Dichloroethane	1,2-Dichloroethene (total)	1,2-Dichloropropane	1,3,5-Trichlorobenzene	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	5	--	--	--	--
BCL						5	--	5	--	15	87	8.3
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 UJ	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.28 U	--	< 0.35 U	--	< 0.26 U	0.51	< 0.32 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.28 U	--	< 0.35 U	--	< 0.26 U	< 0.35 U	< 0.32 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 U	< 0.16 U	< 0.13 U	< 0.22 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.13 U	< 0.24 U	< 0.18 U	< 0.32 UJ	< 0.16 U	< 0.13 U	< 0.22 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,4-Dichlorobenzene	2,2,3-Trimethylbutane	2,2-Dichloropropane	2,2-Dimethylpentane	2,3-Dimethylpentane	2,4-Dimethylpentane	2-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						75	--	--	--	--	--	--
BCL						75	--	--	--	--	--	91
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 90 UJ-	--	< 0.05 UJ-	--	--	--	6.5 J-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	2400	< 0.4 UJ	< 0.039 UJ	< 0.1 UJ	2.8 J	< 0.1 UJ	3.9 J
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	3700 J-	< 0.16 UJ	< 8.4 UJ	< 0.093 UJ	< 0.11 UJ	< 0.14 UJ	3.2 J
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	3500 J-	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	9.8 J
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	3900 J-	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	12 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	3800 J	< 23 UJ	< 10 UJ	< 16 UJ	< 18 UJ	< 19 UJ	< 11 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	3400 J-	< 23 UJ	< 10 UJ	< 16 UJ	< 18 UJ	< 19 UJ	< 11 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	4000	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	0.45 J+	11 J+
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	5000	< 46 UJ	< 36 U	< 46 UJ	< 38 UJ	< 40 UJ	< 34 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	3500	< 46 U	< 36 U	< 46 U	< 38 U	< 40 UJ	< 34 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	4300	< 23 U	< 18 U	< 23 U	< 19 U	< 20 U	< 17 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 22 U	--	< 12 U	--	--	--	< 15 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	160 J+	< 0.4 U	< 0.039 U	< 0.1 U	< 0.11 U	< 0.1 U	0.41 J+
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	140 J	< 0.16 U	< 8.4 U	< 0.093 U	< 0.11 U	< 0.14 U	0.5 J+
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	130	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	0.49 J
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	92 J	< 23 U	< 10 UJ	< 16 U	< 18 U	< 19 U	< 11 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	160	< 23 U	< 10 U	< 16 U	< 18 U	< 19 U	< 11 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	190	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	< 0.17 U	0.36 J+
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	120	< 9.2 UJ	< 7.2 U	< 9.2 UJ	< 7.6 UJ	< 8 UJ	< 6.8 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	110	< 9.2 U	< 7.2 U	< 9.2 U	< 7.6 U	< 8 UJ	< 6.8 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	100	< 4.6 U	< 3.6 U	< 4.6 U	< 3.8 U	< 4 U	< 3.4 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	60	< 20 U	< 2 U	< 5 U	21 J	< 5 U	< 2.6 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	41 J	< 23 U	< 10 U	< 16 U	140	< 19 U	< 11 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	46 J	0.97 J+	< 0.12 U	0.35 J+	230	1.9 J+	0.086 J+
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	34	< 4.6 UJ	< 3.6 U	< 4.6 UJ	180 J-	< 4 UJ	< 3.4 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	52 J	< 23 UJ	< 18 U	< 23 UJ	190 J-	< 20 UJ	< 17 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	43	< 4.6 U	< 3.6 U	< 4.6 U	140	< 4 UJ	< 3.4 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	53	< 9.2 U	< 7.2 U	< 9.2 U	130 J	< 8 UJ	< 6.8 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	48	< 9.2 U	< 7.2 U	< 9.2 U	69 J	< 8 U	< 6.8 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	59	< 9.2 U	< 7.2 U	< 9.2 U	110 J	< 8 U	< 6.8 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	220 J	< 0.16 UJ	< 0.084 UJ	< 0.093 UJ	< 0.11 UJ	< 0.14 UJ	0.78 J
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	440	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	0.49 J
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	1100	< 23 U	< 10 UJ	< 16 U	< 18 U	< 19 U	< 11 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	840	< 0.23 U	< 0.1 U	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 UJ
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	1200	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	< 0.17 U	1.1 J+
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	900	< 23 U	< 18 U	< 23 U	< 19 U	< 20 U	< 17 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	940	< 23 U	< 18 U	< 23 U	< 19 U	< 20 UJ	< 17 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	650	< 9.2 U	< 7.2 U	< 9.2 U	< 7.6 U	< 8 U	< 6.8 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	2500	< 0.16 U	< 0.084 U	< 0.093 U	< 0.11 U	< 0.14 U	2 J
Shallow	Upgradient	EC-2	55b	N	04/24/09	1200	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	4.2 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	2200 J-	< 23 UJ	< 10 UJ	< 16 UJ	< 18 UJ	< 19 UJ	< 11 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	2300 J-	< 46 U	< 21 U	< 33 U	< 36 U	< 37 U	< 21 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	2100 J-	< 14 UJ	< 12 UJ	< 14 UJ	< 11 UJ	< 17 UJ	< 5.3 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	2100	< 46 U	< 36 U	< 46 U	< 38 U	< 40 U	< 34 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	73	< 2.3 U	< 1.8 U	< 2.3 U	< 1.9 U	< 2 UJ	< 1.7 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	2200 J-	< 23 UJ	< 18 UJ	< 23 UJ	< 19 UJ	< 20 UJ	< 17 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,4-Dichlorobenzene	2,2,3-Trimethylbutane	2,2-Dichloropropane	2,2-Dimethylpentane	2,3-Dimethylpentane	2,4-Dimethylpentane	2-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						75	--	--	--	--	--	--
BCL						75	--	--	--	--	--	91
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.11 U	< 0.23 U	< 0.1 U	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	0.48 J	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	< 0.17 U	< 0.053 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	1.8	< 0.23 UJ	< 0.18 U	< 0.23 UJ	< 0.19 UJ	< 0.2 UJ	< 0.17 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	1.7	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 UJ	< 0.17 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	0.74 J	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	620 J	--	< 50 U	--	--	--	< 60 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	470 J	< 0.4 UJ	< 0.039 UJ	< 0.1 UJ	< 0.11 UJ	< 0.1 UJ	0.47 J
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	330 J-	< 0.16 U	< 0.084 U	< 0.093 U	< 0.11 U	< 0.14 U	0.66 J
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	330	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	0.55 J
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	300	< 23 U	< 10 UJ	< 16 U	< 18 U	< 19 U	< 11 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	310	< 23 U	< 10 U	< 16 U	< 18 U	< 19 U	< 11 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	290	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	< 0.17 U	0.53 J+
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	380	< 9.2 UJ	< 7.2 U	< 9.2 UJ	< 7.6 UJ	< 8 UJ	< 6.8 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	390	< 0.92 U	< 0.72 U	< 0.92 U	< 0.76 U	< 0.8 UJ	< 0.68 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	310	< 9.2 U	< 7.2 U	< 9.2 U	< 7.6 U	< 8 U	< 6.8 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	11	--	< 0.05 U	--	--	--	< 0.06 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	13	--	< 0.05 U	--	--	--	< 0.06 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	16	< 0.4 U	< 0.039 U	< 0.1 U	< 0.11 U	< 0.1 U	< 0.053 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	13	< 0.16 U	< 0.084 U	< 0.093 U	< 0.11 U	< 0.14 U	< 0.068 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	13	< 0.16 U	< 0.084 U	< 0.093 U	< 0.11 U	< 0.14 U	0.088 J
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	20 J+	< 0.23 U	< 0.1 U	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	14 J-	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	< 0.11 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	16	< 0.23 U	< 0.1 U	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	16 J+	< 0.14 U	< 0.12 U	< 0.14 U	0.18 J+	< 0.17 U	0.078 J+
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	15	< 1.2 U	< 0.9 U	< 1.2 U	< 0.95 U	< 1 U	< 0.85 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	18	< 1.2 U	< 0.9 U	< 1.2 U	< 0.95 U	< 1 UJ	< 0.85 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	19	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	4	--	< 0.05 U	--	--	--	< 0.06 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	4.8 J-	< 0.4 UJ	< 0.039 UJ	< 0.1 UJ	< 0.11 UJ	< 0.1 UJ	< 0.053 UJ
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	4.2 J+	< 0.16 U	< 0.084 UJ	< 0.093 U	< 0.11 U	< 0.14 U	< 0.068 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	41 J	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	< 0.11 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	5	< 0.23 U	< 0.1 UJ	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	5.4 J-	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	< 0.11 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	4.2 J-	< 0.14 UJ	< 0.12 UJ	< 0.14 UJ	< 0.11 UJ	< 0.17 UJ	< 0.053 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	4.7	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	5.1	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 UJ	< 0.17 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	7.2	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	410 J	--	< 25 U	--	--	--	< 30 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	1000	< 0.4 UJ	< 0.039 UJ	< 0.1 UJ	< 0.11 UJ	< 0.1 UJ	1.5 J
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	2700	< 0.16 U	< 0.084 U	< 0.093 U	< 0.11 U	< 0.14 U	1.7
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	2000	< 0.16 U	< 0.084 U	< 0.093 U	< 0.11 U	< 0.14 U	1.6
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	1200 J+	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	2.9 J-
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	1300 J+	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	3.2 J-
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	2300	< 120 U	< 52 UJ	< 82 U	< 90 U	< 93 U	< 53 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	1900 J-	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	1.5 J
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	1800 J-	< 0.23 U	< 0.1 U	< 0.16 U	< 0.18 U	< 0.19 U	1.8 J+

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,4-Dichlorobenzene	2,2,3-Trimethylbutane	2,2-Dichloropropane	2,2-Dimethylpentane	2,3-Dimethylpentane	2,4-Dimethylpentane	2-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						75	--	--	--	--	--	--
BCL						75	--	--	--	--	--	91
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	2200	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	< 0.17 U	3.3 J+
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	2600	< 46 U	< 36 U	< 46 U	< 38 U	< 40 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	2900	< 46 U	< 36 U	< 46 U	< 38 U	< 40 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	3600	< 46 U	< 36 U	< 46 U	< 38 U	< 40 UJ	< 34 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	3400	< 46 U	< 36 U	< 46 U	< 38 U	< 40 UJ	< 34 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	3300	< 46 U	< 36 U	< 46 U	< 38 U	< 40 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	3200 J-	< 46 UJ	< 36 UJ	< 46 UJ	< 38 UJ	< 40 UJ	< 34 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.09 UJ-	--	< 0.05 UJ-	--	--	--	4.3 J-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	950 J	< 0.4 UJ	< 0.039 UJ	< 0.1 UJ	4.2 J-	< 0.1 UJ	0.49 J
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	450	< 0.16 UJ	< 0.084 UJ	< 0.093 UJ	< 0.11 UJ	< 0.14 UJ	0.46 J
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	320	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	0.54 J
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	280	< 12 U	< 5.2 UJ	< 8.2 U	< 9 U	< 9.3 U	< 5.3 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	240	< 0.23 UJ	R	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	0.18 J
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	270	< 0.23 UJ	R	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	0.19 J
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	290	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	< 0.17 U	0.34 J+
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	200	< 23 U	< 18 U	< 23 U	< 19 U	< 20 U	< 17 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	220	< 1.2 U	< 0.9 U	< 1.2 U	< 0.95 U	< 1 UJ	< 0.85 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	260	< 23 U	< 18 U	< 23 U	< 19 U	< 20 U	< 17 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	490 J-	--	< 0.05 UJ-	--	--	--	< 0.06 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	150 J	< 0.4 UJ	< 0.039 UJ	< 0.1 UJ	< 0.11 UJ	< 0.1 UJ	< 0.053 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	86	< 0.16 U	< 0.084 U	< 0.093 U	0.61	< 0.14 U	< 0.068 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	120	< 0.23 U	< 0.1 U	< 0.16 U	0.39 J+	< 0.19 U	< 0.11 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	73	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	< 0.11 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	98 J	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	0.41 J-	< 0.19 UJ	< 0.11 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	120	< 0.14 U	< 0.12 U	< 0.14 U	0.42 J	< 0.17 U	0.063 J
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	77	< 0.92 U	< 0.72 U	< 0.92 U	< 0.76 U	< 0.8 U	< 0.68 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	68	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 UJ	< 0.17 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	88	< 0.46 U	< 0.36 U	< 0.46 U	< 0.38 U	< 0.4 U	< 0.34 U
Shallow	Downgradient	H-28	55a	N	01/26/09	21	< 0.16 U	< 0.084 U	< 0.093 U	< 0.11 U	< 0.14 U	< 0.068 U
Shallow	Downgradient	H-28	55b	N	04/22/09	9.1 J+	< 0.23 U	< 0.1 U	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Downgradient	H-28	55c	N	07/22/09	8.7 J	< 2.3 U	< 1 UJ	< 1.6 U	< 1.8 U	< 1.9 U	< 1.1 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	7.1 J	< 2.3 U	< 1 UJ	< 1.6 U	< 1.8 U	< 1.9 U	< 1.1 U
Shallow	Downgradient	H-28	55d	N	10/20/09	9.4 J-	< 0.23 UJ	R	< 0.16 UJ	< 0.18 UJ	< 0.19 UJ	< 0.11 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	7.2	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	< 0.17 U	< 0.053 U
Shallow	Downgradient	H-28	55f	N	10/26/10	15	< 0.92 UJ	< 0.72 U	< 0.92 UJ	< 0.76 UJ	< 0.8 UJ	< 0.68 U
Shallow	Downgradient	H-28	55g	N	03/24/11	8.7	< 1.2 U	< 0.9 U	< 1.2 U	< 0.95 U	< 1 UJ	< 0.85 U
Shallow	Downgradient	H-28	55h	N	10/20/11	9.3	< 0.92 U	< 0.72 U	< 0.92 U	< 0.76 U	< 0.8 U	< 0.68 U
Shallow	Downgradient	H-43	55a	N	01/27/09	1800	0.18	< 0.084 U	< 0.093 U	19	< 0.14 U	0.68
Shallow	Downgradient	H-43	55b	N	04/21/09	1500	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	8.9 J	< 0.19 UJ	1.1 J
Shallow	Downgradient	H-43	55c	N	07/30/09	1800	< 0.23 UJ	< 0.1 UJ	< 0.16 UJ	12 J	< 0.19 UJ	0.35 J
Shallow	Downgradient	H-43	55d	N	10/23/09	1100	< 0.23 U	< 0.1 UJ	< 0.16 U	13	< 0.19 U	0.46 J
Shallow	Downgradient	H-43	55e	N	05/11/10	1700	< 0.14 U	< 0.12 U	< 0.14 U	6 J+	< 0.17 U	0.56 J+
Shallow	Downgradient	H-43	55f	N	10/26/10	640	< 0.46 UJ	< 0.36 U	< 0.46 UJ	4.3 J-	< 0.4 UJ	< 0.34 U
Shallow	Downgradient	H-43	55g	N	03/24/11	610	< 1.2 U	< 0.9 U	< 1.2 U	< 0.95 U	< 1 UJ	< 0.85 U
Shallow	Downgradient	H-43	55h	N	10/20/11	420	< 0.92 U	< 0.72 U	< 0.92 U	< 0.76 U	< 0.8 U	< 0.68 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.1 U	< 0.16 U	< 0.084 U	< 0.093 U	< 0.11 U	< 0.14 U	< 0.068 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,4-Dichlorobenzene	2,2,3-Trimethylbutane	2,2-Dichloropropane	2,2-Dimethylpentane	2,3-Dimethylpentane	2,4-Dimethylpentane	2-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						75	--	--	--	--	--	--
BCL						75	--	--	--	--	--	91
Shallow	Downgradient	M7B	55b	N	04/23/09	0.51 J	< 0.23 U	< 0.1 U	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.11 U	< 0.23 U	< 0.1 UJ	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.11 U	< 0.23 U	< 0.1 UJ	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.11 U	< 0.23 U	< 0.1 U	< 0.16 U	< 0.18 U	< 0.19 U	< 0.11 U
Shallow	Downgradient	M7B	55e	N	04/22/10	0.13 J	< 0.14 U	< 0.12 U	< 0.14 U	< 0.11 U	< 0.17 U	< 0.053 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.16 U	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Shallow	Downgradient	M7B	55g	N	03/30/11	0.51 J	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 UJ	< 0.17 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.16 U	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	2800	--	< 140 U	--	--	--	< 110 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	2900	--	< 68 U	--	--	--	< 56 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	2200	< 92 U	< 72 U	< 92 U	< 76 U	< 80 U	< 68 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	3900	< 230 U	< 180 U	< 230 U	< 190 U	< 200 UJ	< 170 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	1400	< 92 U	< 72 U	< 92 U	< 76 U	< 80 U	< 68 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 150 U	--	< 140 U	--	--	--	< 110 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	130	--	< 34 U	--	--	--	< 28 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	120	--	< 34 U	--	--	--	< 28 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	85 J	< 92 U	< 72 U	< 92 U	< 76 U	< 80 U	< 68 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 160 U	< 230 U	< 180 U	< 230 U	< 190 U	< 200 UJ	< 170 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 64 U	< 92 U	< 72 U	< 92 U	< 76 U	< 80 U	< 68 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	12000 J	< 23 UJ	< 10 UJ	< 16 UJ	< 18 UJ	< 19 UJ	15 J-
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	30000	< 14 U	< 12 U	< 14 U	< 11 U	< 17 U	44 J
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	18000	< 92 U	< 72 U	< 92 U	< 76 U	< 80 U	< 68 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	31000	< 460 U	< 360 U	< 460 U	< 380 U	< 400 UJ	< 340 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	8000	< 120 U	< 90 U	< 120 U	< 95 U	< 100 U	< 85 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	77	--	< 1.7 U	--	--	--	< 1.4 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	96	--	< 3.4 U	--	--	--	< 2.8 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	78	< 2.3 U	< 1.8 U	< 2.3 U	< 1.9 U	< 2 U	< 1.7 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	120	< 2.3 U	< 1.8 U	< 2.3 U	< 1.9 U	< 2 UJ	< 1.7 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	120	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	0.64 J
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	87	--	< 6.8 U	--	--	--	< 5.6 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	120	--	< 6.8 U	--	--	--	< 5.6 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	98	< 4.6 U	< 3.6 U	< 4.6 U	< 3.8 U	< 4 U	< 3.4 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	190	< 2.3 U	< 1.8 U	< 2.3 U	< 1.9 U	< 2 UJ	< 1.7 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	190	< 2.3 U	< 1.8 U	< 2.3 U	< 1.9 U	< 2 U	< 1.7 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.37 U	--	< 0.34 U	--	--	--	< 0.28 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	3.4	--	< 0.34 U	--	--	--	< 0.28 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	1.1	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	0.31 J	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 UJ	< 0.17 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.16 U	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	13	--	< 0.34 U	--	--	--	< 0.28 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	2.2	--	< 0.34 U	--	--	--	< 0.28 U
Deep	Upgradient	MW-8	55f	N	10/22/10	1.4	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Deep	Upgradient	MW-8	55g	N	03/23/11	0.29 J	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 UJ	< 0.17 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.16 U	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	11	--	< 0.34 U	--	--	--	< 0.28 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	3	--	< 0.34 U	--	--	--	< 0.28 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,4-Dichlorobenzene	2,2,3-Trimethylbutane	2,2-Dichloropropane	2,2-Dimethylpentane	2,3-Dimethylpentane	2,4-Dimethylpentane	2-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						75	--	--	--	--	--	--
BCL						75	--	--	--	--	--	91
Deep	Downgradient	TR-11	55f	N	10/21/10	1.2	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Deep	Downgradient	TR-11	55g	N	03/22/11	0.38 J	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 UJ	< 0.17 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.16 U	< 0.23 UJ	< 0.18 U	< 0.23 UJ	< 0.19 UJ	< 0.2 UJ	< 0.17 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	10	--	< 0.34 U	--	--	--	< 0.28 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	3.4	--	< 0.34 U	--	--	--	< 0.28 U
Deep	Downgradient	TR-12	55f	N	10/21/10	1.3	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 U	< 0.17 U
Deep	Downgradient	TR-12	55g	N	03/22/11	0.46 J	< 0.23 U	< 0.18 U	< 0.23 U	< 0.19 U	< 0.2 UJ	< 0.17 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.16 U	< 0.23 UJ	< 0.18 U	< 0.23 UJ	< 0.19 UJ	< 0.2 UJ	< 0.17 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Hexanone	2-Methylhexane	2-Nitropropane	3,3-Dimethylpentane	3-Ethylpentane	3-Methylhexane	4-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						63	--	0.0014	--	--	--	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.2 UJ-	--	--	--	--	--	5.1 J-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 1 UJ	3.3 J	< 0.73 UJ	< 0.1 UJ	< 0.1 UJ	< 0.066 UJ	2.8 J
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.08 UJ	< 0.12 UJ	< 0.034 UJ	< 0.17 UJ	< 0.13 UJ	< 0.1 UJ	2.6 J
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 1.3 UJ	7.6 J	< 1.1 UJ	0.78 J	< 0.089 UJ	6.7 J	9.1 J
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 1.3 UJ	9.9 J	< 1.1 UJ	1.1 J	< 0.089 UJ	6.3 J	11 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 130 UJ	< 15 UJ	< 110 UJ	< 20 UJ	< 8.9 UJ	< 17 UJ	< 9.5 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 130 UJ	< 15 UJ	< 110 UJ	< 20 UJ	< 8.9 UJ	< 17 UJ	< 9.5 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	R	10 J+	R	0.93 J+	< 0.14 U	12 J+	9.5 J+
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 340 UJ	< 48 UJ	< 320 U	< 46 UJ	< 42 UJ	< 50 UJ	< 42 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 340 U	< 48 U	< 320 U	< 46 U	< 42 U	< 50 UJ	< 42 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 170 U	< 24 U	< 160 U	< 23 U	< 21 U	< 25 U	< 21 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 50 U	--	--	--	--	--	< 20 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1 U	< 0.13 U	< 0.73 U	< 0.1 U	< 0.1 U	< 0.066 U	0.15 J+
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	0.23 J+
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 1.3 U	< 0.15 UJ	< 1.1 U	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	0.24 J
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 130 U	< 15 U	< 110 U	< 20 U	< 8.9 U	< 17 U	< 9.5 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 130 U	< 15 U	< 110 U	< 20 U	< 8.9 U	< 17 U	< 9.5 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.22 UJ	< 0.16 U	< 0.4 UJ	< 0.15 U	< 0.14 U	< 0.15 U	0.13 J+
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 68 UJ	< 9.6 UJ	< 64 U	< 9.2 UJ	< 8.4 UJ	< 10 UJ	< 8.4 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 68 U	< 9.6 UJ	< 64 U	< 9.2 U	< 8.4 U	< 10 UJ	< 8.4 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 34 U	< 4.8 U	< 32 U	< 4.6 U	< 4.2 U	< 5 U	< 4.2 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 52 U	--	< 0.73 U	< 5 U	< 5 U	< 3.3 U	< 2.4 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 130 U	< 15 U	< 110 U	< 20 U	56 J	< 17 U	< 9.5 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.22 U	9.3 J+	< 0.4 U	38 J+	94 J	< 0.15 U	0.075 J+
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 34 UJ	5.2 J-	< 32 U	23 J-	43 J-	140 J-	< 4.2 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 170 UJ	< 24 UJ	< 160 U	25 J-	50 J-	150 J-	< 21 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 34 U	< 4.8 UJ	< 32 U	15 J	50 J	< 5 UJ	< 4.2 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 68 U	< 9.6 UJ	< 64 U	15 J	47 J	< 10 UJ	< 8.4 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 68 U	< 9.6 U	< 64 U	12 J	< 8.4 U	43 J	< 8.4 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 68 U	20 J	< 64 U	21 J	40 J	69 J	< 8.4 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.08 UJ	< 0.12 UJ	< 0.034 UJ	< 0.17 UJ	< 0.13 UJ	< 0.1 UJ	0.48 J
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	1.6 J+	< 0.15 UJ	< 1.1 U	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	0.42 J
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 130 U	< 15 U	< 110 U	< 20 U	< 8.9 U	< 17 U	< 9.5 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 1.3 U	< 0.15 U	< 1.1 U	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 UJ
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.22 U	< 0.16 U	< 0.4 U	< 0.15 U	< 0.14 U	< 0.15 U	0.69 J+
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 170 U	< 24 U	< 160 UJ	< 23 U	< 21 U	< 25 U	< 21 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 170 U	< 24 U	< 160 U	< 23 U	< 21 U	< 25 UJ	< 21 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 68 U	< 9.6 U	< 64 U	< 9.2 U	< 8.4 U	< 10 U	< 8.4 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.08 U	0.97 J	< 0.034 U	0.82 J	< 0.13 U	< 0.1 U	1.4 J
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	0.41 J	< 0.089 UJ	< 0.17 UJ	3.6 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 130 UJ	< 15 UJ	< 110 UJ	< 20 UJ	< 8.9 UJ	< 17 UJ	< 9.5 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 260 U	< 30 U	< 220 U	< 41 U	< 18 U	< 34 U	< 19 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 22 UJ	< 16 UJ	< 40 UJ	< 15 UJ	< 14 UJ	< 15 UJ	< 6.5 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 340 U	< 48 U	< 320 UJ	< 46 U	< 42 U	< 50 U	< 42 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 17 U	< 2.4 U	< 16 U	< 2.3 U	< 2.1 U	< 2.5 UJ	< 2.1 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 170 UJ	< 24 UJ	< 160 UJ	< 23 UJ	< 21 UJ	< 25 UJ	< 21 UJ

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VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Hexanone	2-Methylhexane	2-Nitropropane	3,3-Dimethylpentane	3-Ethylpentane	3-Methylhexane	4-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						63	--	0.0014	--	--	--	--
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 1.3 U	< 0.15 U	< 1.1 U	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.22 U	< 0.16 U	< 0.4 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.065 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 1.7 UJ	< 0.24 UJ	< 1.6 U	< 0.23 UJ	< 0.21 UJ	< 0.25 UJ	< 0.21 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 1.7 U	< 0.24 UJ	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 UJ	< 0.21 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 1.7 U	< 0.24 U	< 1.6 UJ	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 200 U	--	--	--	--	--	< 80 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1 UJ	< 0.13 UJ	< 0.73 UJ	< 0.1 UJ	< 0.1 UJ	< 0.066 UJ	0.26 J
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	0.4 J
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	0.43 J
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 130 U	< 15 U	< 110 U	< 20 U	< 8.9 U	< 17 U	< 9.5 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 130 U	< 15 U	< 110 U	< 20 U	< 8.9 U	< 17 U	< 9.5 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.22 UJ	< 0.16 U	< 0.4 UJ	< 0.15 U	< 0.14 U	< 0.15 U	0.37 J+
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 68 UJ	< 9.6 UJ	< 64 U	< 9.2 UJ	< 8.4 UJ	< 10 UJ	< 8.4 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 6.8 U	< 0.96 U	< 6.4 U	< 0.92 U	< 0.84 U	< 1 UJ	< 0.84 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 68 U	< 9.6 U	< 64 U	< 9.2 U	< 8.4 U	< 10 U	< 8.4 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.2 U	--	--	--	--	--	< 0.08 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.2 U	--	--	--	--	--	< 0.08 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 0.13 U	< 0.73 U	< 0.1 U	< 0.1 U	< 0.066 U	< 0.049 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	< 0.068 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	< 0.068 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 1.3 U	< 0.15 U	< 1.1 U	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	< 0.095 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 1.3 U	< 0.15 U	< 1.1 U	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.22 U	< 0.16 U	< 0.4 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.065 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 8.5 U	< 1.2 U	< 8 UJ	< 1.2 U	< 1 U	< 1.2 U	< 1 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 8.5 U	< 1.2 UJ	< 8 U	< 1.2 U	< 1 U	< 1.2 UJ	< 1 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 1.7 U	< 0.24 U	< 1.6 UJ	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.2 U	--	--	--	--	--	< 0.08 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 UJ	< 0.13 UJ	< 0.73 UJ	< 0.1 UJ	< 0.1 UJ	< 0.066 UJ	< 0.049 UJ
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	< 0.068 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	< 0.095 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 1.3 U	< 0.15 U	< 1.1 U	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	< 0.095 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.22 UJ	< 0.16 UJ	< 0.4 UJ	< 0.15 UJ	< 0.14 UJ	< 0.15 UJ	< 0.065 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 1.7 U	< 0.24 U	< 1.6 UJ	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 1.7 U	< 0.24 UJ	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 UJ	< 0.21 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 100 U	--	--	--	--	--	< 40 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1 UJ	< 0.13 UJ	< 0.73 UJ	< 0.1 UJ	< 0.1 UJ	< 0.066 UJ	1.2 J
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	1.5
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	1.5
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	2.5 J-
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	2.6 J-
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 640 U	< 76 U	< 550 U	< 100 U	< 44 U	< 84 U	< 48 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	1.4 J
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 1.3 UJ	< 0.15 U	< 1.1 UJ	< 0.2 U	< 0.089 U	< 0.17 U	1.6 J+

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Hexanone	2-Methylhexane	2-Nitropropane	3,3-Dimethylpentane	3-Ethylpentane	3-Methylhexane	4-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						63	--	0.0014	--	--	--	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	R	< 0.16 U	R	< 0.15 U	< 0.14 U	< 0.15 U	3.1 J+
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 340 U	< 48 U	< 320 U	< 46 U	< 42 U	< 50 U	< 42 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 340 U	< 48 U	< 320 U	< 46 U	< 42 U	< 50 U	< 42 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 340 U	< 48 U	< 320 U	< 46 U	< 42 U	< 50 UJ	< 42 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 340 U	< 48 U	< 320 U	< 46 U	< 42 U	< 50 UJ	< 42 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 340 U	< 48 U	< 320 U	< 46 U	< 42 U	< 50 U	< 42 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 340 UJ	< 48 UJ	< 320 UJ	< 46 UJ	< 42 UJ	< 50 UJ	< 42 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.2 UJ-	--	--	--	--	--	3.2 J-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1 UJ	1.4 J-	< 0.73 UJ	< 0.1 UJ	< 0.1 UJ	0.71 J-	0.34 J
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.08 UJ	2.3 J	< 0.034 UJ	0.84 J	1.3 J	1.8 J	0.39 J
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 1.3 UJ	1.1 J	< 1.1 UJ	0.44 J	0.64 J	0.93 J	0.44 J
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 64 U	< 7.6 U	< 55 U	< 10 U	< 4.4 U	< 8.4 U	< 4.8 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 1.3 UJ	1.5 J-	< 110 U	0.52 J-	0.9 J-	1.1 J-	0.14 J
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 1.3 UJ	1.7 J-	< 110 U	0.59 J-	1 J-	1.2 J-	0.16 J
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.22 U	1.3 J+	< 0.4 U	0.5 J+	0.85 J+	1 J+	0.24 J+
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 170 U	< 24 U	< 160 UJ	< 23 U	< 21 U	< 25 U	< 21 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 8.5 U	< 1.2 U	< 8 U	< 1.2 U	< 1 U	< 1.2 UJ	< 1 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 170 U	< 24 U	< 160 U	< 23 U	< 21 U	< 25 U	< 21 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.2 UJ-	--	--	--	--	--	< 0.08 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1 UJ	< 0.13 UJ	< 0.73 UJ	< 0.1 UJ	< 0.1 UJ	< 0.066 UJ	< 0.049 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.08 U	0.41	< 0.034 U	< 0.17 U	0.15	0.39	< 0.068 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1.3 U	< 0.15 U	< 1.1 UJ	< 0.2 U	0.11 J+	0.29 J+	< 0.095 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 1.3 UJ	< 0.15 UJ	< 1.1 UJ	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	< 0.095 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 1.3 UJ	0.4 J-	< 1.1 UJ	< 0.2 UJ	0.13 J-	0.31 J-	< 0.095 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.22 U	0.36 J	< 0.4 U	< 0.15 U	0.15 J	0.32 J	< 0.065 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 6.8 U	< 0.96 U	< 6.4 UJ	< 0.92 U	< 0.84 U	< 1 U	< 0.84 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 UJ	< 0.21 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 3.4 U	< 0.48 U	< 3.2 U	< 0.46 U	< 0.42 U	< 0.5 U	< 0.42 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	< 0.068 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 1.3 U	< 0.15 U	< 1.1 UJ	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 13 U	< 1.5 U	< 11 U	< 2 U	< 0.89 U	< 1.7 U	< 0.95 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 13 U	< 1.5 U	< 11 U	< 2 U	< 0.89 U	< 1.7 U	< 0.95 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 1.3 UJ	< 0.15 UJ	< 22 U	< 0.2 UJ	< 0.089 UJ	< 0.17 UJ	< 0.095 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.22 U	< 0.16 U	< 0.4 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.065 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 6.8 UJ	< 0.96 UJ	< 6.4 U	< 0.92 UJ	< 0.84 UJ	< 1 UJ	< 0.84 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 8.5 U	< 1.2 U	< 8 U	< 1.2 U	< 1 U	< 1.2 U	< 1 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 6.8 U	< 0.96 U	< 6.4 U	< 0.92 U	< 0.84 U	< 1 U	< 0.84 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.08 U	1.5	< 0.034 U	2.5	5.1	2.2	0.55
Shallow	Downgradient	H-43	55b	N	04/21/09	< 1.3 UJ	0.79 J	< 1.1 UJ	1.1 J	2.2 J	1.1 J	0.86 J
Shallow	Downgradient	H-43	55c	N	07/30/09	< 1.3 UJ	1.2 J	< 1.1 UJ	1.7 J	3.7 J	< 0.17 UJ	0.28 J
Shallow	Downgradient	H-43	55d	N	10/23/09	< 1.3 U	1.1	< 1.1 U	1.7	3.5 J	1.5 J	0.37 J
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.22 U	0.78 J+	< 0.4 U	0.85 J+	1.9 J+	0.84 J+	0.42 J+
Shallow	Downgradient	H-43	55f	N	10/26/10	< 3.4 UJ	0.59 J-	< 3.2 U	0.66 J-	1.1 J-	0.99 J-	< 0.42 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 8.5 U	< 1.2 U	< 8 U	< 1.2 U	< 1 U	< 1.2 UJ	< 1 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 6.8 U	< 0.96 U	< 6.4 U	< 0.92 U	< 0.84 U	< 1 U	< 0.84 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.08 U	< 0.12 U	< 0.034 U	< 0.17 U	< 0.13 U	< 0.1 U	< 0.068 U

TABLE 2-13
VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Hexanone	2-Methylhexane	2-Nitropropane	3,3-Dimethylpentane	3-Ethylpentane	3-Methylhexane	4-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						63	--	0.0014	--	--	--	--
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.3 U	< 0.15 U	< 1.1 UJ	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 1.3 U	< 0.15 U	< 1.1 U	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 1.3 U	< 0.15 U	< 1.1 U	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 1.3 U	< 0.15 U	< 1.1 U	< 0.2 U	< 0.089 U	< 0.17 U	< 0.095 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.22 U	< 0.16 U	< 0.4 U	< 0.15 U	< 0.14 U	< 0.15 U	< 0.065 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 1.7 U	< 0.24 U	< 1.6 UJ	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 1.7 U	< 0.24 UJ	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 UJ	< 0.21 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 1.7 U	< 0.24 U	< 1.6 UJ	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	--	--	--	--	--	< 120 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	--	--	--	--	--	--	< 58 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 680 U	< 96 U	< 640 UJ	< 92 U	< 84 U	< 100 U	< 84 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 1700 U	< 240 U	< 1600 U	< 230 U	< 210 U	< 250 UJ	< 210 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 680 U	< 96 U	< 640 U	< 92 U	< 84 U	< 100 U	< 84 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	--	--	--	--	--	< 120 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	--	--	--	--	--	--	< 29 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	--	--	--	--	--	--	< 29 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 680 U	< 96 U	< 640 UJ	< 92 U	< 84 U	< 100 U	< 84 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 1700 U	< 240 U	< 1600 U	< 230 U	< 210 U	< 250 UJ	< 210 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 680 U	< 96 U	< 640 U	< 92 U	< 84 U	< 100 U	< 84 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 130 UJ	< 15 UJ	< 110 UJ	< 20 UJ	< 8.9 UJ	< 17 UJ	11 J-
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 22 U	< 16 U	< 40 U	< 15 U	< 14 U	< 15 U	26 J
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 680 U	< 96 U	< 640 U	< 92 U	< 84 U	< 100 U	< 84 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 3400 U	< 480 UJ	< 3200 U	< 460 U	< 420 U	< 500 UJ	< 420 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 850 U	< 120 U	< 800 U	< 120 U	< 110 U	< 130 U	< 110 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	--	--	--	--	--	< 1.4 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	--	--	--	--	--	--	< 2.9 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 17 U	< 2.4 U	< 16 UJ	< 2.3 U	< 2.1 U	< 2.5 U	< 2.1 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 17 U	< 2.4 UJ	< 16 U	< 2.3 U	< 2.1 U	< 2.5 UJ	< 2.1 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 1.7 U	< 0.24 U	< 1.6 UJ	< 0.23 U	< 0.21 U	< 0.25 U	0.31 J
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	--	--	--	--	--	< 5.8 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	--	--	--	--	--	--	< 5.8 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 34 U	< 4.8 U	< 32 UJ	< 4.6 U	< 4.2 U	< 5 U	< 4.2 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 17 U	< 2.4 UJ	< 16 U	< 2.3 U	< 2.1 U	< 2.5 UJ	< 2.1 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 17 U	< 2.4 U	< 16 U	< 2.3 U	< 2.1 U	< 2.5 U	< 2.1 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	--	--	--	--	--	< 0.29 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	--	--	--	--	--	--	< 0.29 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 UJ	< 0.21 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	--	--	--	--	--	< 0.29 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	--	--	--	--	--	--	< 0.29 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 UJ	< 0.21 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	--	--	--	--	--	< 0.29 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	--	--	--	--	--	--	< 0.29 U

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VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Hexanone	2-Methylhexane	2-Nitropropane	3,3-Dimethylpentane	3-Ethylpentane	3-Methylhexane	4-Chlorotoluene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						63	--	0.0014	--	--	--	--
Deep	Downgradient	TR-11	55f	N	10/21/10	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 UJ	< 0.21 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 1.7 U	< 0.24 UJ	< 1.6 U	< 0.23 UJ	< 0.21 UJ	< 0.25 UJ	< 0.21 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	--	--	--	--	--	< 0.29 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	--	--	--	--	--	--	< 0.29 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 U	< 0.21 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 1.7 U	< 0.24 U	< 1.6 U	< 0.23 U	< 0.21 U	< 0.25 UJ	< 0.21 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 1.7 U	< 0.24 UJ	< 1.6 U	< 0.23 UJ	< 0.21 UJ	< 0.25 UJ	< 0.21 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-13
VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Methyl-2-pentanone	Acetone	Acetonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	5	--	--	--
BCL						2000	22000	130	5	88	0.12	8.5
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.1 UJ-	< 0.21 UJ-	< 0.21 UJ-	12000 J-	0.76 J-	5 J-	< 0.17 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.21 UJ	1.1 J	< 1.5 UJ	42000 J	0.64 J	< 0.064 UJ	< 0.12 UJ
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.72 UJ	< 56 UJ	< 4.2 UJ	56000	0.48 J	< 0.088 UJ	< 0.27 UJ
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.32 UJ	0.82 J	< 4.2 UJ	43000 J-	1.7 J	< 0.098 UJ	< 0.15 UJ
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.32 UJ	0.83 J	< 4.2 UJ	47000 J-	2.1 J	< 0.098 UJ	< 0.15 UJ
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 32 UJ	< 42 UJ	< 420 UJ	44000	< 8.4 UJ	< 9.8 UJ	< 15 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 32 UJ	< 42 UJ	< 420 UJ	47000	< 8.4 UJ	< 9.8 UJ	< 15 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	R	8.5 J+	< 2 UJ	140000	1.2 J+	< 0.082 U	< 0.094 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 200 U	< 380 U	< 1900 UJ	35000	< 34 U	< 34 U	< 38 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 200 U	< 380 U	< 1900 U	47000	< 34 U	< 34 U	< 38 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 98 U	270 J	< 960 UJ	38000	< 17 U	< 17 U	< 19 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 25 U	< 52 U	< 52 U	1200	< 15 U	< 20 U	< 42 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 0.21 U	< 80 U	< 1.5 U	3000	< 0.08 U	1.8 J+	< 0.12 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.72 U	< 56 UJ	< 4.2 U	3800 J	< 0.18 U	1.1 J+	< 0.27 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.32 U	27 J	< 4.2 UJ	3400	0.11 J	0.71 J	< 0.15 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 32 U	< 42 U	< 420 UJ	2700	< 8.4 U	< 9.8 U	< 15 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 32 U	< 42 U	< 420 UJ	2900	< 8.4 U	< 9.8 U	< 15 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.12 UJ	22 J+	< 2 UJ	2700 J	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 39 U	< 76 U	< 380 UJ	2400	< 6.8 U	< 6.8 U	< 7.6 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 39 U	< 76 U	< 380 U	2200	< 6.8 U	< 6.8 U	< 7.6 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 20 U	63	< 190 UJ	1400	< 3.4 U	< 3.4 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 10 U	< 40 UJ	< 73 U	15000	< 4 U	< 3.2 U	< 5.9 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 32 U	< 42 U	< 420 UJ	10000 J	< 8.4 U	< 9.8 U	< 15 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.12 U	1.7 J+	< 2 UJ	13000	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 20 U	47 J	< 190 UJ	8200 J	< 3.4 U	< 3.4 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 98 U	< 190 U	< 960 UJ	15000 J	< 17 U	< 17 U	< 19 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 20 U	< 38 U	< 190 U	8600	< 3.4 U	< 3.4 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 39 U	< 76 U	< 380 U	13000	< 6.8 U	< 6.8 U	< 7.6 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 39 U	< 76 U	< 380 UJ	12000	< 6.8 U	< 6.8 U	< 7.6 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 39 U	< 76 U	< 380 UJ	12000	< 6.8 U	< 6.8 U	< 7.6 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.72 UJ	< 5.6 U	< 4.2 UJ	670 J	< 0.18 UJ	< 0.88 U	< 0.27 UJ
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	1.3 J+	15 J	< 4.2 UJ	2300	< 0.084 UJ	0.94 J	< 0.15 U
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 32 U	< 42 UJ	< 420 UJ	6100	< 8.4 U	< 9.8 U	< 15 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.32 U	4.8 J	< 4.2 U	7400	0.092 J	0.79 J+	< 0.15 UJ
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.12 U	8.9 J+	< 2 UJ	12000 J	0.13 J+	0.96 J+	< 0.094 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 98 U	< 190 U	< 960 U	10000	< 17 U	< 17 U	< 19 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 98 U	< 190 U	< 960 U	11000	< 17 U	< 17 U	< 19 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 39 U	< 76 U	< 380 UJ	12000	< 6.8 U	< 6.8 U	< 7.6 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.72 U	< 0.56 U	< 4.2 U	43000	0.44 J	< 0.088 U	< 0.27 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	69000	1.2 J	< 0.098 UJ	< 0.15 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 32 UJ	< 42 UJ	< 420 UJ	48000	< 8.4 UJ	< 9.8 UJ	< 15 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 63 U	< 84 UJ	< 830 U	52000	< 17 U	< 20 U	< 30 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 12 UJ	< 34 UJ	< 200 UJ	48000 J-	< 7.4 UJ	< 8.2 UJ	< 9.4 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 200 U	< 380 U	< 1900 U	48000	< 34 U	< 34 U	< 38 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 9.8 U	< 19 U	< 96 U	700	< 1.7 U	< 1.7 U	< 1.9 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 98 UJ	< 190 UJ	< 960 UJ	42000	< 17 UJ	< 17 UJ	< 19 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Methyl-2-pentanone	Acetone	Acetonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	5	--	--	--
BCL						2000	22000	130	5	88	0.12	8.5
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.32 U	< 0.42 U	< 4.2 UJ	0.17 J	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.12 U	2.8	< 2 UJ	0.2 J	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.98 U	< 1.9 U	< 9.6 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 100 U	< 210 U	< 210 U	4400	240 J	< 80 U	< 170 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 0.21 UJ	810 J	< 1.5 UJ	5300	< 0.08 UJ	< 0.064 UJ	< 0.12 UJ
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.72 U	< 0.56 U	< 4.2 U	6500 J	0.21 J	< 0.088 U	< 0.27 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	2 J	0.87 J	< 4.2 UJ	4300	0.21 J	< 0.098 UJ	< 0.15 UJ
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 32 U	< 42 U	< 420 UJ	3500	< 8.4 U	< 9.8 U	< 15 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 32 U	< 42 U	< 420 U	3500	< 8.4 U	< 9.8 U	< 15 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.12 UJ	1 J+	< 2 UJ	3300	0.17 J+	< 0.082 U	< 0.094 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 39 U	< 76 U	< 380 UJ	3900	< 6.8 U	< 6.8 U	< 7.6 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 3.9 U	< 7.6 U	< 38 U	3700	< 0.68 U	< 0.68 U	< 0.76 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 39 U	92 J	< 380 UJ	3400	< 6.8 U	< 6.8 U	< 7.6 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	2.7 J	< 0.21 U	< 0.21 U	5.7	< 0.06 U	< 0.08 U	< 0.17 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	2.1 J	< 0.21 U	< 0.21 U	5.9	< 0.06 U	< 0.08 U	< 0.17 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.21 U	< 40 U	< 1.5 U	6.1	< 0.08 U	< 0.064 U	< 0.12 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.72 U	< 0.56 U	< 4.2 U	6	< 0.18 U	< 0.088 U	< 0.27 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.72 U	< 0.56 U	< 4.2 U	6.2	< 0.18 U	< 0.088 U	< 0.27 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.32 U	0.46 J	< 4.2 UJ	6.1 J	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	4.7 J-	0.15 J-	< 0.098 UJ	< 0.15 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.32 U	< 42 U	< 4.2 U	5.1	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.12 U	1.6 J+	< 2 UJ	18 J+	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 4.9 U	< 9.5 U	< 48 U	4.1 J	< 0.85 U	< 0.85 U	< 0.95 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 4.9 U	< 9.5 U	< 48 U	4.6 J	< 0.85 U	< 0.85 U	< 0.95 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.98 U	< 1.9 U	< 9.6 UJ	7.7	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	1.1 J	< 0.21 UJ	< 0.21 U	5.4	< 0.06 U	< 0.08 U	< 0.17 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.21 UJ	< 0.8 U	< 1.5 UJ	2.8 J	< 0.08 UJ	< 0.064 UJ	< 0.12 UJ
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.72 U	< 0.56 U	< 4.2 U	< 0.032 UJ	< 0.18 U	< 0.088 U	< 0.27 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.32 UJ	0.62 J	< 4.2 UJ	41 J	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.32 U	< 0.42 U	< 4.2 UJ	1.9	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	1.5 J-	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.12 UJ	12 J-	< 2 UJ	1.9 J-	< 0.074 UJ	< 0.082 UJ	< 0.094 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.98 U	< 1.9 U	< 9.6 U	0.77 J	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.98 U	< 1.9 U	< 9.6 U	0.9 J	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.98 U	< 1.9 U	< 9.6 UJ	6.9	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 50 U	< 100 U	< 100 U	15000	< 30 U	< 40 U	< 85 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.21 UJ	9 J	< 1.5 UJ	45000 J	< 0.08 UJ	0.91 J	< 0.12 UJ
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.72 U	< 0.56 U	< 4.2 U	83000	0.44	0.35	< 0.27 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.72 U	< 0.56 U	< 4.2 U	74000	0.42	0.6	< 0.27 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.32 UJ	1.7 J-	< 4.2 UJ	42000	0.61 J-	0.87 J-	< 0.15 UJ
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.32 UJ	2.4 J-	< 4.2 UJ	53000 J+	0.64 J-	1.1 J-	< 0.15 UJ
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 160 U	< 210 U	< 2100 UJ	72000	< 42 U	< 49 U	< 76 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	81000	0.47 J	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.32 UJ	< 0.42 U	< 4.2 U	80000	0.57 J+	< 0.098 U	< 0.15 U

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VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Methyl-2-pentanone	Acetone	Acetonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	5	--	--	--
BCL						2000	22000	130	5	88	0.12	8.5
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	R	< 0.34 U	< 2 UJ	120000	1.1 J+	< 0.082 U	< 0.094 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 200 U	< 380 U	< 1900 U	75000	< 34 U	< 34 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 200 U	< 380 U	< 1900 U	74000	< 34 U	< 34 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 200 U	< 380 U	< 1900 U	76000	< 34 U	< 34 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 200 U	< 380 U	< 1900 U	81000	< 34 U	< 34 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 200 U	< 380 U	< 1900 UJ	80000	< 34 U	< 34 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 200 UJ	430 J	< 1900 UJ	80000	< 34 UJ	< 34 UJ	< 38 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	0.79 J-	< 0.21 UJ-	< 0.21 UJ-	33000 J-	< 0.06 UJ-	< 0.08 UJ-	< 0.17 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.21 UJ	< 0.8 UJ	< 1.5 UJ	3000	< 0.08 UJ	< 0.064 UJ	< 0.12 UJ
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.72 UJ	< 0.56 UJ	< 4.2 UJ	1100	< 0.18 UJ	< 0.088 UJ	< 0.27 UJ
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	880	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 16 U	< 21 U	< 210 UJ	670	< 4.2 U	< 4.9 U	< 7.6 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	580	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	630	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.12 U	1.8 J+	< 2 UJ	2100	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 98 U	< 190 U	< 960 U	18000	< 17 U	< 17 U	< 19 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 4.9 U	< 9.5 U	< 48 U	27000	< 0.85 U	< 0.85 U	< 0.95 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 98 U	< 190 U	< 960 UJ	42000	< 17 U	< 17 U	< 19 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.1 UJ-	< 0.21 UJ-	< 0.21 UJ-	200 J-	< 0.06 UJ-	< 0.08 UJ-	< 0.17 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 0.21 UJ	< 0.8 UJ	< 1.5 UJ	21 J-	< 0.08 UJ	< 0.064 UJ	< 0.12 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.72 U	< 0.56 UJ	< 4.2 U	12	< 0.18 U	< 0.088 U	< 0.27 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 0.32 U	--	< 4.2 U	11 J+	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	8.8 J-	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.32 UJ	< 42 U	< 4.2 UJ	10 J-	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.12 U	< 0.34 U	< 2 UJ	18	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 3.9 U	< 7.6 U	< 38 U	8.3	< 0.68 U	< 0.68 U	< 0.76 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.98 U	< 1.9 U	< 9.6 U	8.9	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 2 U	< 3.8 U	< 19 UJ	9.9	< 0.34 U	< 0.34 U	< 0.38 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.72 U	< 0.56 U	< 4.2 U	61	< 0.18 U	< 0.088 U	< 0.27 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.32 U	--	< 4.2 U	2.8 J+	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 3.2 U	< 4.2 U	< 42 UJ	5.4 J	< 0.84 U	< 0.98 U	< 1.5 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 3.2 U	< 4.2 U	< 42 UJ	3.8 J	< 0.84 U	< 0.98 U	< 1.5 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	4.1 J-	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.12 U	1.8 J	< 2 UJ	8.7	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 3.9 U	< 7.6 U	< 38 UJ	3.9 J	< 0.68 U	< 0.68 U	< 0.76 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 4.9 U	< 9.5 U	< 48 U	3.1 J	< 0.85 U	< 0.85 U	< 0.95 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 3.9 U	8.5 J	< 38 UJ	4.4	< 0.68 U	< 0.68 U	< 0.76 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.72 U	< 0.56 U	< 4.2 U	51	< 0.18 U	< 0.088 U	< 0.27 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	47 J	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.32 UJ	< 0.42 UJ	< 4.2 UJ	48 J	< 0.084 UJ	< 0.098 UJ	< 0.15 UJ
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.32 U	< 42 U	< 4.2 U	27	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.12 U	< 0.34 U	< 2 UJ	24 J+	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 2 U	< 3.8 U	< 19 UJ	17	< 0.34 U	< 0.34 U	< 0.38 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 4.9 U	< 9.5 U	< 48 U	16	< 0.85 U	< 0.85 U	< 0.95 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 3.9 U	9 J	< 38 UJ	14	< 0.68 U	< 0.68 U	< 0.76 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.72 U	< 0.56 U	< 4.2 U	< 0.032 U	< 0.18 U	< 0.088 U	< 0.27 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Methyl-2-pentanone	Acetone	Acetonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	5	--	--	--
BCL						2000	22000	130	5	88	0.12	8.5
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.32 U	< 0.42 U	< 4.2 U	< 0.06 U	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.32 U	< 0.42 U	< 4.2 UJ	0.078 J	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.32 U	< 0.42 U	< 4.2 UJ	< 0.06 U	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.32 U	< 0.42 U	< 4.2 UJ	< 0.06 U	< 0.084 U	< 0.098 U	< 0.15 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.12 U	1.2 J	< 2 UJ	< 0.045 U	< 0.074 U	< 0.082 U	< 0.094 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.98 U	< 1.9 U	< 9.6 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.98 U	< 1.9 U	< 9.6 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	--	--	140000	< 110 U	< 120 U	< 160 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	--	--	--	140000	< 54 U	< 60 U	< 80 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 390 U	< 760 U	< 3800 U	77000	< 68 U	< 68 U	< 76 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 980 U	< 1900 U	< 9600 U	140000	< 170 U	< 170 U	< 190 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 390 U	1000 J	< 3800 UJ	140000	< 68 U	< 68 U	< 76 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	--	--	22000	< 110 U	< 120 U	< 160 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	--	--	--	22000	< 27 U	< 30 U	< 40 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	--	--	--	19000	< 27 U	< 30 U	< 40 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 390 U	< 760 U	< 3800 U	16000	< 68 U	< 68 U	< 76 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 980 U	< 1900 U	< 9600 U	22000	< 170 U	< 170 U	< 190 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 390 U	910 J	< 3800 UJ	16000	< 68 U	< 68 U	< 76 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 32 UJ	< 42 UJ	< 420 UJ	67000	< 8.4 UJ	< 9.8 UJ	< 15 UJ
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 12 U	< 34 U	< 200 UJ	96000	8.8 J	< 8.2 U	< 9.4 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 390 U	< 760 U	< 3800 UJ	98000	< 68 U	< 68 U	< 76 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 2000 U	< 3800 U	< 19000 U	110000	< 340 U	< 340 U	< 380 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 490 U	< 950 U	< 4800 UJ	99000	< 85 U	< 85 U	< 95 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	--	--	3500	< 1.4 U	< 1.5 U	< 2 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	--	--	--	4600	< 2.7 U	< 3 U	< 4 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 9.8 U	< 19 U	< 96 U	290	< 1.7 U	< 1.7 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 9.8 U	< 19 U	< 96 U	130	< 1.7 U	< 1.7 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.98 U	3.4 J	< 9.6 UJ	140	< 0.17 U	< 0.17 U	< 0.19 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	--	--	5300	< 5.4 U	< 6 U	< 8 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	--	--	--	670	< 5.4 U	< 6 U	< 8 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 20 U	< 38 U	< 190 U	93	< 3.4 U	< 3.4 U	< 3.8 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 9.8 U	< 19 U	< 96 U	110	< 1.7 U	< 1.7 U	< 1.9 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 9.8 U	< 19 U	< 96 UJ	110	< 1.7 U	< 1.7 U	< 1.9 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	--	--	< 0.28 U	< 0.27 U	< 0.3 U	< 0.4 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	--	--	--	0.39	< 0.27 U	< 0.3 U	< 0.4 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.98 U	< 1.9 U	< 9.6 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	--	--	< 0.28 U	< 0.27 U	< 0.3 U	< 0.4 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	--	--	--	0.45	< 0.27 U	< 0.3 U	< 0.4 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.98 U	< 1.9 U	< 9.6 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	--	--	< 0.28 U	< 0.27 U	< 0.3 U	< 0.4 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	--	--	--	0.36	< 0.27 U	0.61	< 0.4 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Methyl-2-pentanone	Acetone	Acetonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromoform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	5	--	--	--
BCL						2000	22000	130	5	88	0.12	8.5
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.98 U	< 1.9 U	< 9.6 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	--	--	< 0.28 U	< 0.27 U	< 0.3 U	< 0.4 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	--	--	--	0.46	< 0.27 U	< 0.3 U	< 0.4 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.98 U	< 1.9 U	< 9.6 U	< 0.16 U	< 0.17 U	< 0.17 U	< 0.19 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.98 U	< 1.9 U	< 9.6 UJ	< 0.16 U	< 0.17 U	0.45 J	< 0.19 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-13
VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chlorobromomethane	Chlorodibromomethane	Chloroethane	Chloroform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	5	100	--	--	--	--
BCL						8.7	5	100	--	0.15	23	0.19
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.23 UJ-	< 0.09 UJ-	14000 J-	< 0.13 UJ-	< 0.09 UJ-	0.68 J-	8400 J-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.085 UJ	< 0.1 UJ	32000	< 0.11 UJ	< 0.11 UJ	< 0.1 UJ	230 J
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 50 UJ	< 0.042 UJ	62000	< 0.2 UJ	< 0.17 UJ	< 0.085 UJ	79 J-
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.096 UJ	< 0.073 UJ	42000 J-	< 0.12 UJ	< 0.21 UJ	< 0.085 UJ	25 J
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.096 UJ	< 0.073 UJ	46000 J-	< 0.12 UJ	< 0.21 UJ	< 0.085 UJ	120 J-
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 9.6 UJ	< 7.3 UJ	44000	< 0.12 UJ	< 0.21 UJ	< 8.5 UJ	60 J
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	54 J-	< 7.3 UJ	50000	< 12 UJ	< 21 UJ	< 8.5 UJ	64 J-
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 0.084 U	< 0.063 U	260000	< 0.098 U	R	0.42 J+	140
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 42 U	< 38 U	42000	< 20 U	< 34 U	< 82 U	160 J
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 42 U	< 38 U	48000	< 20 U	< 34 U	< 82 U	39 J
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 21 U	< 19 U	44000	< 10 U	< 17 U	< 41 U	46 J
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 58 U	< 22 U	2900	< 32 U	< 22 U	< 28 U	4400
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 8.5 U	< 0.1 U	9900	< 0.11 U	< 0.11 U	1.6 J+	3600
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 50 U	< 0.042 U	12000	< 0.2 U	< 0.17 U	1.7 J+	5200 J-
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.096 UJ	< 0.073 UJ	10000	< 0.12 UJ	< 0.21 U	0.83 J	4500
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.6 U	< 7.3 U	8200	< 0.12 U	< 0.21 U	< 8.5 U	4200
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	56 J	< 7.3 U	12000 J	< 12 U	< 21 U	< 8.5 U	4300
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.084 U	< 0.063 U	9800	< 0.098 U	< 0.057 UJ	2.1 J+	4200
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 8.4 U	< 7.6 U	8800	< 4 U	< 6.8 U	< 16 U	4400
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 8.4 U	< 7.6 U	8800	< 4 U	< 6.8 U	< 16 U	4600
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 4.2 U	< 3.8 U	6800	< 2 U	< 3.4 U	< 8.2 U	3200
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 4.2 U	< 5 U	2100	< 0.11 U	< 0.11 U	< 5 U	63
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 58 UJ	< 7.3 U	2300	< 0.12 U	< 0.21 U	< 8.5 U	74 J
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.084 U	< 0.063 U	3000	< 0.098 U	< 0.057 U	4 J+	88
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 4.2 U	< 3.8 U	2200	< 2 U	< 3.4 U	< 8.2 U	100
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 21 U	< 19 U	2900	< 10 U	< 17 U	< 41 U	100
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 4.2 U	< 3.8 U	2500	< 2 U	< 3.4 U	< 8.2 U	110
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 8.4 U	< 7.6 U	2800	< 4 U	< 6.8 U	< 16 U	86
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 8.4 U	< 7.6 U	2900	< 4 U	< 6.8 U	< 16 U	82
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 8.4 U	< 7.6 U	2700	< 4 U	< 6.8 U	< 16 U	76
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 5 UJ	< 0.042 UJ	540	< 0.2 UJ	< 0.17 UJ	0.47 J	1800 J
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.096 UJ	< 0.073 UJ	2000	< 0.12 UJ	< 0.21 U	< 0.085 UJ	7200
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 9.6 U	< 7.3 U	3800	< 0.12 U	< 0.21 U	< 8.5 U	17000
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	130 J-	< 0.073 U	5600	< 0.12 U	< 0.21 U	0.4 J+	21000
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.084 U	< 0.063 U	8200 J	< 0.098 U	< 0.057 U	1.1 J+	31000
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 21 U	< 19 U	5700	< 10 U	< 17 U	< 41 U	25000
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 21 U	< 19 U	6400	< 10 U	< 17 U	< 41 U	28000
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 8.4 U	< 7.6 U	7600	< 4 U	< 6.8 U	< 16 U	27000
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.5 UJ	< 0.042 U	52000	< 0.2 U	< 0.17 U	< 0.085 U	< 0.08 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 0.096 UJ	< 0.073 UJ	57000	< 0.12 UJ	< 0.21 UJ	< 0.085 UJ	11 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 9.6 UJ	< 7.3 UJ	46000	< 0.12 UJ	< 0.21 UJ	< 8.5 UJ	6.9 J-
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 19 U	< 15 U	61000	< 24 U	< 42 U	< 17 U	< 13 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 8.4 UJ	< 6.3 UJ	86000 J-	< 0.098 UJ	< 0.057 UJ	< 8.5 UJ	< 10 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 42 U	< 38 U	49000	< 20 U	< 34 U	< 82 U	< 32 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 2.1 U	< 1.9 U	< 1.7 U	< 1 U	< 1.7 U	< 4.1 U	3600
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 21 UJ	< 19 UJ	52000	< 10 UJ	< 17 UJ	< 41 UJ	< 16 UJ

TABLE 2-13
VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chlorobromomethane	Chlorodibromomethane	Chloroethane	Chloroform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	5	100	--	--	--	--
BCL						8.7	5	100	--	0.15	23	0.19
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.71 UJ	< 0.073 U	< 0.06 U	< 0.12 U	< 0.21 U	< 0.085 U	5.6
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.084 U	< 0.063 U	1.6	< 0.098 U	< 0.057 U	< 0.085 U	3.6
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.21 U	< 0.19 U	1.8	< 0.1 U	< 0.17 U	< 0.41 U	7.5
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.21 U	< 0.19 U	1.9	< 0.1 U	< 0.17 U	< 0.41 U	8
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.21 U	< 0.19 U	2.2	< 0.1 U	< 0.17 U	< 0.41 U	6.5
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 230 U	< 90 U	8800	< 130 U	< 90 U	< 110 U	< 70 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 0.085 UJ	< 0.1 UJ	12000	< 0.11 UJ	< 0.11 UJ	0.86 J	7.6 J
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.5 U	< 0.042 U	11000	< 0.2 U	< 0.17 U	0.34 J	< 0.08 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.096 UJ	< 0.073 UJ	9300	< 0.12 UJ	< 0.21 UJ	< 0.085 UJ	< 0.067 UJ
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 9.6 U	< 7.3 U	8800	< 0.12 U	< 0.21 U	< 8.5 U	< 6.7 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 96 U	< 7.3 U	9700 J	< 12 U	< 21 U	< 8.5 U	< 6.7 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.084 U	< 0.063 U	73000 J	< 0.098 U	< 0.057 UJ	0.97 J+	< 0.1 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 8.4 U	< 7.6 U	8800	< 4 U	< 6.8 U	< 16 U	< 6.4 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.84 U	< 0.76 U	9100	< 0.4 U	< 0.68 U	< 1.6 U	< 0.64 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 8.4 U	< 7.6 U	7000	< 4 U	< 6.8 U	< 16 U	< 6.4 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.23 U	< 0.09 U	1400	< 0.13 U	< 0.09 U	< 0.11 U	1.4
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.23 U	< 0.09 U	1500	< 0.13 U	< 0.09 U	< 0.11 U	1.2
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 4.2 U	< 0.1 U	1300	< 0.11 U	< 0.11 U	< 0.1 U	0.26 J
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.5 U	< 0.042 U	1700 J	< 0.2 U	< 0.17 U	< 0.085 U	0.18 J
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.5 U	< 0.042 U	1800	< 0.2 U	< 0.17 U	< 0.085 U	0.19 J
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.096 U	< 0.073 U	1400	< 0.12 U	< 0.21 U	< 0.085 U	0.22 J+
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.096 UJ	< 0.073 UJ	1300	< 0.12 UJ	< 0.21 UJ	< 0.085 UJ	0.1 J-
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.73 U	< 0.073 U	1500	< 0.12 U	< 0.21 U	< 0.085 U	0.21 J
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.084 U	< 0.063 U	1500	< 0.098 U	< 0.057 U	0.51 J+	0.2 J+
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 1 U	< 0.95 U	1200	< 0.5 U	< 0.85 U	< 2 U	< 0.8 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1 U	< 0.95 U	1400	< 0.5 U	< 0.85 U	< 2 U	< 0.8 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.21 U	< 0.19 U	1300	< 0.1 U	< 0.17 U	< 0.41 U	0.47 J
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.23 U	< 0.09 U	210	< 0.13 UJ	< 0.09 U	< 0.11 U	8.1
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.085 U	< 0.1 UJ	330	< 0.11 UJ	< 0.11 UJ	0.75 J	0.82 J
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.5 UJ	< 0.042 U	450 J	< 0.2 U	< 0.17 U	< 0.085 U	< 0.08 UJ
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.096 UJ	< 0.073 UJ	430 J-	< 0.12 UJ	< 0.21 UJ	< 0.085 UJ	0.61 J
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.096 U	< 0.073 U	490	< 0.12 U	< 0.21 U	< 0.085 U	0.99 J
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.68 UJ	0.13 J	470	< 0.12 UJ	< 0.21 UJ	< 0.085 UJ	3.2 J-
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.084 UJ	< 0.063 UJ	460 J	< 0.098 UJ	< 0.057 UJ	< 0.085 UJ	0.66 J-
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.21 U	< 0.19 U	280	< 0.1 U	< 0.17 U	< 0.41 U	< 2.8 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.21 U	< 0.19 U	350	< 0.1 U	< 0.17 U	< 0.41 U	4.9
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.21 U	< 0.19 U	180	< 0.1 U	< 0.17 U	< 0.41 U	3.4
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 120 U	< 45 U	11000	< 65 U	< 45 U	< 55 U	16000
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.085 UJ	< 0.1 UJ	32000	< 0.11 UJ	< 0.11 UJ	1.2 J	6200
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.5 U	< 0.042 U	66000	< 0.2 U	< 0.17 U	1.5	1400
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 500 U	< 0.042 U	51000	< 0.2 U	< 0.17 U	2.1	1300
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.096 UJ	< 0.073 UJ	29000	< 0.12 UJ	0.87 J-	< 0.085 UJ	3100 J
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.096 UJ	< 0.073 UJ	40000 J+	< 0.12 UJ	1.1 J	0.37 J-	4000 J+
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 48 U	< 36 U	49000	< 0.12 U	< 0.21 U	< 42 U	1100
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.79 UJ	< 0.073 UJ	66000	< 0.12 UJ	< 0.21 UJ	0.57 J	740 J-
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.096 U	< 0.073 U	66000	< 0.12 U	< 0.21 UJ	0.64 J+	800 J-

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chlorobromomethane	Chlorodibromomethane	Chloroethane	Chloroform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	5	100	--	--	--	--
BCL						8.7	5	100	--	0.15	23	0.19
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 0.084 U	< 0.063 U	160000	< 0.098 U	R	1.7 J+	480
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 42 U	< 38 U	53000	< 20 U	< 34 U	< 82 U	330
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 42 U	< 38 U	46000	< 20 U	< 34 U	< 82 U	400
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 42 U	< 38 U	62000	< 20 U	< 34 U	< 82 U	380
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 42 U	< 38 U	65000	< 20 U	< 34 U	< 82 U	500
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 42 U	< 38 U	72000	< 20 U	< 34 U	< 82 U	320
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 42 UJ	< 38 UJ	73000	< 20 UJ	< 34 UJ	< 82 UJ	330 J-
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.23 UJ-	< 0.09 UJ-	22000 J-	< 0.13 UJ-	< 0.09 UJ-	< 0.11 UJ-	210 J-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.085 UJ	< 0.1 UJ	16000	< 0.11 UJ	< 0.11 UJ	1.2 J-	43 J-
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.5 UJ	< 0.042 UJ	7700 J	< 0.2 UJ	< 0.17 UJ	2.4 J	70 J
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.096 UJ	< 0.073 UJ	5700	< 0.12 UJ	< 0.21 UJ	1.6 J	44 J
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 4.8 U	< 3.6 U	4400	< 0.12 U	< 0.21 U	< 4.2 U	41 J
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.096 UJ	< 7.3 U	7800	< 0.12 UJ	< 0.21 UJ	2.2 J-	17 J-
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.096 UJ	< 7.3 U	7500	< 0.12 UJ	< 0.21 UJ	2.1 J-	16 J-
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.084 U	< 0.063 U	5000 J	< 0.098 U	< 0.057 U	2.6 J+	29 J+
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 21 U	< 19 U	6800	< 10 U	< 17 U	< 41 U	33 J
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 1 U	< 0.95 U	< 0.85 U	< 0.5 U	< 0.85 U	< 2 U	28
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 21 U	< 19 U	14000	< 10 U	< 17 U	< 41 U	< 16 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.23 UJ-	< 0.09 UJ-	1500 J-	< 0.13 UJ-	< 0.09 UJ-	0.59 J-	10 J-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 0.085 UJ	< 0.1 UJ	640	< 0.11 UJ	< 0.11 UJ	0.84 J-	0.6 J-
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.5 U	< 0.042 U	660	< 0.2 U	< 0.17 U	< 0.085 U	< 0.08 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 0.096 U	< 0.073 U	590	< 0.12 U	< 0.21 U	< 0.085 U	< 0.067 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.096 UJ	< 0.073 UJ	440	< 0.12 UJ	< 0.21 UJ	0.31 J	< 0.067 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.73 UJ	< 0.073 UJ	510	< 0.12 UJ	< 0.21 UJ	0.1 J-	< 0.067 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.084 U	< 0.063 U	960	< 0.098 U	< 0.057 U	0.71 J	0.35 J
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 0.84 U	< 0.76 U	560	< 0.4 U	< 0.68 U	< 1.6 U	< 0.64 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.21 U	< 0.19 U	490	< 0.1 U	< 0.17 U	0.64 J	0.31 J
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.42 U	< 0.38 U	580	< 0.2 U	< 0.34 U	< 0.82 U	< 0.32 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 5 U	< 0.042 U	1200	< 0.2 U	< 0.17 U	0.17	0.82
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.096 U	< 0.073 U	730	< 0.12 U	< 0.21 U	< 0.085 U	0.9 J+
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.96 U	< 0.73 U	790	< 0.12 U	< 0.21 U	< 0.85 U	1.1 J
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.96 U	< 0.73 U	900	< 0.12 U	< 0.21 U	< 0.85 U	1.2 J
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.096 UJ	< 1.5 U	1100	< 0.12 UJ	< 0.21 UJ	0.2 J-	0.7 J-
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.084 U	< 0.063 U	860	< 0.098 U	< 0.057 U	0.27 J	0.32 J
Shallow	Downgradient	H-28	55f	N	10/26/10	< 0.84 U	< 0.76 U	950	< 0.4 U	< 0.68 U	< 1.6 U	0.64 J
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1 U	< 0.95 U	1000	< 0.5 U	< 0.85 U	< 2 U	< 0.8 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 0.84 U	< 0.76 U	920	< 0.4 U	< 0.68 U	< 1.6 U	< 0.64 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 5 U	< 0.042 U	1300	< 0.2 U	< 0.17 U	0.67	< 0.08 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.096 UJ	< 0.073 UJ	1100	< 0.12 UJ	< 0.21 UJ	0.13 J	< 0.067 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.096 UJ	< 0.073 UJ	1100	< 0.12 UJ	< 0.21 UJ	0.64 J	< 0.067 UJ
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.73 U	< 0.073 U	850	< 0.12 U	< 0.21 U	0.23 J	< 0.067 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.084 U	< 0.063 U	1900	< 0.098 U	< 0.057 U	0.9 J+	< 0.1 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.42 U	< 0.38 U	680	< 0.2 U	< 0.34 U	< 0.82 U	0.9 J
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1 U	< 0.95 U	850	< 0.5 U	< 0.85 U	< 2 U	< 0.8 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 0.84 U	< 0.76 U	820	< 0.4 U	< 0.68 U	< 1.6 U	< 0.64 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.5 U	< 0.042 U	< 0.48 U	< 0.2 U	< 0.17 U	< 0.085 U	1.3

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chlorobromomethane	Chlorodibromomethane	Chloroethane	Chloroform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	5	100	--	--	--	--
BCL						8.7	5	100	--	0.15	23	0.19
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.096 U	< 0.073 U	2.8	< 0.12 U	< 0.21 U	< 0.085 U	1.1
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.096 U	< 0.073 U	0.68 J	< 0.12 U	< 0.21 U	< 0.085 U	1.4
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.096 U	< 0.073 U	0.3 J	< 0.12 U	< 0.21 U	< 0.085 U	1.4
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.56 U	< 0.073 U	< 0.06 U	< 0.12 U	< 0.21 U	< 0.085 U	1.5
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.084 U	< 0.063 U	0.6 J	< 0.098 U	< 0.057 U	< 0.085 U	1.3
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.21 U	< 0.19 U	0.29 J	< 0.1 U	< 0.17 U	< 0.41 U	< 1.8 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.21 U	< 0.19 U	1.5	< 0.1 U	< 0.17 U	< 0.41 U	1.9
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.21 U	< 0.19 U	1.5	< 0.1 U	< 0.17 U	< 0.41 U	1.5
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 170 U	< 110 U	140000	< 160 U	< 160 U	< 160 U	65000
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 84 U	< 56 U	110000	< 80 U	< 80 U	< 80 U	69000
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 84 U	< 76 U	81000	< 40 U	< 68 U	< 160 U	39000
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 210 U	< 190 U	160000	< 100 U	< 170 U	< 410 U	61000
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 84 U	< 76 U	82000	< 40 U	< 68 U	< 160 U	150000
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 170 U	210	140000	< 160 U	< 160 U	< 160 U	< 130 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 42 U	250	110000	< 40 U	< 40 U	< 40 U	77
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 42 U	220	100000	< 40 U	< 40 U	< 40 U	53
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 84 U	100 J	91000	< 40 U	< 68 U	< 160 U	< 64 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 210 U	260 J	150000	< 100 U	< 170 U	< 410 U	< 160 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 84 U	140 J	110000	< 40 U	< 68 U	< 160 U	< 64 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	71 J-	200 J-	300000	< 0.12 UJ	< 0.21 UJ	< 8.5 UJ	33000 J
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 8.4 U	41 J	410000	< 0.098 U	< 0.057 U	< 8.5 U	54000
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 84 U	250 J	380000	< 40 U	< 68 U	< 160 U	61000
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 420 U	< 380 U	430000	< 200 U	< 340 U	< 820 U	62000
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 110 U	1400	250000	< 50 U	< 85 U	< 210 U	55000
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2.1 U	< 1.4 U	2500	< 2 U	< 2 U	< 2 U	84
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 4.2 U	< 2.8 U	3000	< 4 U	< 4 U	< 4 U	64
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 2.1 U	< 1.9 U	2000	< 1 U	< 1.7 U	< 4.1 U	6 J
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 2.1 U	< 1.9 U	3000	< 1 U	< 1.7 U	< 4.1 U	17
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.21 U	< 0.19 U	3000	< 0.1 U	< 0.17 U	< 0.41 U	11
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 8.4 U	< 5.6 U	3200	< 8 U	< 8 U	< 8 U	31
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 8.4 U	< 5.6 U	3900	< 8 U	< 8 U	< 8 U	42
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 4.2 U	< 3.8 U	3300	< 2 U	< 3.4 U	< 8.2 U	38
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 2.1 U	< 1.9 U	4900	< 1 U	< 1.7 U	< 4.1 U	26
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 2.1 U	< 1.9 U	4900	< 1 U	< 1.7 U	< 4.1 U	23
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.42 U	< 0.28 U	< 0.36 U	< 0.4 U	< 0.4 U	< 0.4 U	< 0.33 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.42 U	< 0.28 U	5.3	< 0.4 U	< 0.4 U	< 0.4 U	< 0.33 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	< 0.16 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	< 0.17 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	0.81 J	< 0.41 U	0.33 J
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.42 U	< 0.28 U	21	< 0.4 U	< 0.4 U	< 0.4 U	< 0.33 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.42 U	< 0.28 U	2.5	< 0.4 U	< 0.4 U	< 0.4 U	< 0.33 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.21 U	< 0.19 U	0.27 J	< 0.1 U	< 0.17 U	< 0.41 U	< 0.16 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	< 0.35 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	0.47 J
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.42 U	< 0.28 U	16	< 0.4 U	< 0.4 U	< 0.4 U	< 0.33 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.42 U	< 0.28 U	3.4	< 0.4 U	0.4	< 0.4 U	0.92

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromomethane	Carbon tetrachloride	Chlorobenzene	Chlorobromomethane	Chlorodibromomethane	Chloroethane	Chloroform
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	5	100	--	--	--	--
BCL						8.7	5	100	--	0.15	23	0.19
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	< 0.16 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	< 0.16 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	< 0.16 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.42 U	< 0.28 U	14	< 0.4 U	< 0.4 U	< 0.4 U	< 0.33 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.42 U	< 0.28 U	4	< 0.4 U	< 0.4 U	< 0.4 U	< 0.33 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	< 0.16 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	< 0.16 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.21 U	< 0.19 U	< 0.17 U	< 0.1 U	< 0.17 U	< 0.41 U	0.51 J

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cymene (Isopropyltoluene)	Dibromomethane	Dichlorodifluoromethane (Freon-12)	Dichloromethane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	70	--	--	--	--	5
BCL						2.7	70	--	--	8.2	400	5
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.19 UJ-	< 0.27 UJ-	< 0.13 UJ-	< 0.08 UJ-	< 0.14 UJ-	< 0.14 UJ-	12 J-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.1 UJ	0.13 J	< 0.05 UJ	< 0.1 UJ	< 0.12 UJ	< 0.045 UJ	2400
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.036 UJ	< 0.13 UJ	< 0.099 UJ	< 0.04 UJ	< 0.14 UJ	< 0.074 UJ	0.63 J
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.086 UJ	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	0.22 J	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	0.93 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 8.6 UJ	< 14 UJ	< 9.9 UJ	< 11 UJ	< 9.5 UJ	< 5.8 UJ	< 10 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 8.6 UJ	< 14 UJ	< 9.9 UJ	< 11 UJ	< 9.5 UJ	< 5.8 UJ	69 J-
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 0.077 U	< 0.083 U	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	9.4 J+
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 60 U	< 30 U	< 32 U	< 40 U	< 34 U	< 62 U	< 64 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 60 U	< 30 U	< 32 U	< 40 U	< 34 U	< 62 U	< 64 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 30 U	< 15 U	< 16 U	< 20 U	< 17 U	< 31 U	90 J
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 48 U	< 68 U	< 32 U	< 20 U	< 35 U	< 35 U	1800
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	0.38 J+	< 0.048 U	< 0.05 U	< 0.1 U	< 0.12 U	< 0.045 U	1700
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	0.53 J+	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	1600 J-
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.086 UJ	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	1500
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 8.6 U	< 14 U	< 9.9 U	< 11 U	< 9.5 U	< 5.8 U	1400
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 8.6 U	< 14 U	< 9.9 U	< 11 U	< 9.5 U	< 5.8 U	1500
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	0.41 J+	< 0.083 U	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	1300
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 12 U	< 6 U	< 6.4 U	< 8 U	< 6.8 U	< 12 U	1300
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 12 U	< 6 U	< 6.4 U	< 8 U	< 6.8 U	< 12 U	1200
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 6 U	< 3 U	< 3.2 U	< 4 U	< 3.4 U	< 6.2 U	820
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 5 U	< 2.4 U	< 2.5 U	< 5 U	< 6.2 U	--	68
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 8.6 U	< 14 U	< 9.9 U	< 11 U	< 9.5 U	< 5.8 U	35 J
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.077 U	< 0.083 U	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	0.62 J+
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 6 U	< 3 U	< 3.2 U	< 4 U	< 3.4 U	< 6.2 U	< 6.4 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 30 U	< 15 U	< 16 U	< 20 U	< 17 U	< 31 U	< 32 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 6 U	< 3 U	< 3.2 U	< 4 U	< 3.4 U	< 6.2 U	< 6.4 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 12 U	< 6 U	< 6.4 U	< 8 U	< 6.8 U	< 12 U	< 13 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 12 U	< 6 U	< 6.4 U	< 8 U	< 6.8 U	< 12 U	17 J
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 12 U	< 6 U	< 6.4 U	< 8 U	< 6.8 U	< 12 U	18 J
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	1.2 J	0.24 J	< 0.099 UJ	< 0.04 UJ	< 0.14 UJ	< 0.074 UJ	1300 J
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.086 UJ	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	1900
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 8.6 U	< 14 U	< 9.9 U	< 11 U	< 9.5 U	< 5.8 U	3800
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	0.93 J+	< 0.14 U	< 0.099 U	< 0.11 UJ	< 0.095 U	< 0.058 U	4300
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	1.4 J+	0.3 J+	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	6000
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 30 U	< 15 U	< 16 U	< 20 U	< 17 U	< 31 U	5800
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 30 U	< 15 U	< 16 U	< 20 U	< 17 U	< 31 U	5500
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 12 U	< 6 U	< 6.4 U	< 8 U	< 6.8 U	< 12 U	5600
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.036 U	< 0.13 U	< 0.099 U	< 0.04 UJ	< 0.14 U	< 0.074 U	0.34 J
Shallow	Upgradient	EC-2	55b	N	04/24/09	1 J	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	1.9 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 8.6 UJ	< 14 UJ	< 9.9 UJ	< 11 UJ	< 9.5 UJ	< 5.8 UJ	< 10 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 17 U	< 27 U	< 20 U	< 22 U	< 19 U	< 12 U	< 20 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 7.7 UJ	< 8.3 UJ	< 7.3 UJ	< 3.5 UJ	< 21 UJ	< 7 UJ	120 J-
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 60 U	< 30 U	< 32 U	< 40 U	< 34 U	< 62 U	< 64 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 3 U	< 1.5 U	< 1.6 U	< 2 U	< 1.7 U	< 3.1 U	700
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 30 UJ	< 15 UJ	< 16 UJ	< 20 UJ	< 17 UJ	< 31 UJ	45 J-

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cymene (Isopropyltoluene)	Dibromomethane	Dichlorodifluoromethane (Freon-12)	Dichloromethane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	70	--	--	--	--	5
BCL						2.7	70	--	--	8.2	400	5
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	0.29 J+	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.077 U	< 0.083 U	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	< 0.11 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 190 U	< 270 U	< 130 U	220 J	< 140 U	< 140 U	< 120 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	1 J	< 0.048 UJ	< 0.05 UJ	< 0.1 UJ	< 0.12 UJ	< 0.045 UJ	1800
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	0.11 J	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	0.62 J
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	0.26 J	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.6 U	< 14 U	< 9.9 U	< 11 U	< 9.5 U	< 5.8 U	< 10 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 8.6 U	< 14 U	< 9.9 U	< 11 U	< 9.5 U	< 5.8 U	72 J
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.077 U	0.13 J+	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	0.35 J+
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 12 U	< 6 U	< 6.4 U	< 8 U	< 6.8 U	< 12 U	< 13 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 1.2 U	< 0.6 U	< 0.64 U	< 0.8 U	< 0.68 U	< 1.2 U	< 1.3 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 12 U	< 6 U	< 6.4 U	< 8 U	< 6.8 U	< 12 U	16 J
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.19 U	< 0.27 U	< 0.13 U	< 0.08 U	< 0.14 U	< 0.14 U	< 0.12 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.19 U	< 0.27 U	< 0.13 U	< 0.08 U	< 0.14 U	< 0.14 U	< 0.12 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.1 U	< 0.048 U	< 0.05 U	< 0.1 U	< 0.12 U	< 0.045 U	< 0.1 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.036 U	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	< 0.091 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	0.087 J	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	< 0.091 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	0.31 J+	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.086 UJ	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.37 U	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.077 U	< 0.083 U	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	< 0.11 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 1.5 U	< 0.75 U	< 0.8 U	< 1 U	< 0.85 U	< 1.6 U	< 1.6 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.5 U	< 0.75 U	< 0.8 U	< 1 U	< 0.85 U	< 1.6 U	< 1.6 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	0.35 J
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.19 U	< 0.27 U	< 0.13 U	< 0.08 U	< 0.14 U	< 0.14 U	< 0.12 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	3.2 J	< 0.048 UJ	< 0.05 UJ	< 0.1 UJ	< 0.12 UJ	< 0.045 UJ	< 0.1 UJ
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.036 U	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	0.15 J+
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.086 UJ	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.086 U	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.31 UJ	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.077 UJ	< 0.083 UJ	< 0.073 UJ	< 0.035 UJ	< 0.21 UJ	< 0.07 UJ	< 0.11 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	0.49 J
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 95 U	< 140 U	< 65 U	< 40 U	< 70 U	< 70 U	520
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	0.76 J	< 0.048 UJ	< 0.05 UJ	< 0.1 UJ	< 0.12 UJ	< 0.045 UJ	3.4 J
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.036 U	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	1.4
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.036 U	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	1.1
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	0.61 J-	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	3.6 J
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	0.54 J-	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	5 J
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 43 U	< 68 U	< 50 U	< 56 U	< 48 U	< 29 U	< 51 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.34 UJ	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.41 UJ	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U

TABLE 2-13
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cymene (Isopropyltoluene)	Dibromomethane	Dichlorodifluoromethane (Freon-12)	Dichloromethane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	70	--	--	--	--	5
BCL						2.7	70	--	--	8.2	400	5
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	0.086 J+	< 0.083 U	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	0.53 J+
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 60 U	< 30 U	< 32 U	< 40 U	< 34 U	< 62 U	< 64 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 60 U	< 30 U	< 32 U	< 40 U	< 34 U	< 62 U	< 64 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 60 U	< 30 U	< 32 U	< 40 U	< 34 U	< 62 U	< 64 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 60 U	< 30 U	< 32 U	< 40 U	< 34 U	< 62 U	< 64 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 60 U	< 30 U	< 32 U	< 40 U	< 34 U	< 62 U	< 64 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 60 UJ	< 30 UJ	< 32 UJ	< 40 UJ	< 34 UJ	< 62 UJ	< 64 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.19 UJ-	< 0.27 UJ-	< 0.13 UJ-	< 0.08 UJ-	< 0.14 UJ-	< 0.14 UJ-	0.44 J-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	2.6 J-	0.44 J-	< 0.05 UJ	< 0.1 UJ	< 0.12 UJ	< 0.045 UJ	< 0.1 UJ
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	0.16 J	0.34 J	< 0.099 UJ	0.045 J	< 0.14 UJ	< 0.074 UJ	4.3 J
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	0.48 J	0.22 J	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	0.1 J
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 4.3 U	< 6.8 U	< 5 U	< 5.6 U	< 4.8 U	< 2.9 U	< 5.1 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.086 UJ	0.3 J-	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.086 UJ	0.27 J-	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.077 U	0.35 J+	< 0.073 U	0.038 J+	< 0.21 U	< 0.07 U	< 0.11 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 30 U	< 15 U	< 16 U	< 20 U	< 17 U	< 31 U	< 32 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 1.5 U	< 0.75 U	< 0.8 U	< 1 U	< 0.85 U	< 1.6 U	< 1.6 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 30 U	< 15 U	< 16 U	< 20 U	< 17 U	< 31 U	32 J
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.19 UJ-	0.33 J-	< 0.13 UJ-	< 0.08 UJ-	< 0.14 UJ-	< 0.14 UJ-	310 J-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 0.1 UJ	< 0.048 UJ	< 0.05 UJ	< 0.1 UJ	< 0.12 UJ	< 0.045 UJ	< 0.1 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.036 U	0.2	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	< 0.091 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	0.39 J+	0.18 J+	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.086 UJ	0.16 J-	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.3 UJ	0.21 J-	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.077 U	0.15 J	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	< 0.11 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1.2 U	< 0.6 U	< 0.64 U	< 0.8 U	< 0.68 U	< 1.2 U	< 1.3 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.3 U	0.17 J	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.6 U	< 0.3 U	< 0.32 U	< 0.4 U	< 0.34 U	< 0.62 U	0.9 J
Shallow	Downgradient	H-28	55a	N	01/26/09	0.12	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	< 0.091 U
Shallow	Downgradient	H-28	55b	N	04/22/09	0.33 J+	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.86 U	< 1.4 U	< 0.99 U	< 1.1 U	< 0.95 U	< 0.58 U	< 1 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.86 U	< 1.4 U	< 0.99 U	< 1.1 U	< 0.95 U	< 0.58 U	< 1 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.086 UJ	< 0.14 UJ	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.077 U	< 0.083 U	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	< 0.11 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 1.2 U	< 0.6 U	< 0.64 U	< 0.8 U	< 0.68 U	< 1.2 U	< 1.3 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.5 U	< 0.75 U	< 0.8 U	< 1 U	< 0.85 U	< 1.6 U	< 1.6 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1.2 U	< 0.6 U	< 0.64 U	< 0.8 U	< 0.68 U	< 1.2 U	< 1.3 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.036 U	1.1	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	0.11
Shallow	Downgradient	H-43	55b	N	04/21/09	0.51 J	0.79 J	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.086 UJ	0.88 J	< 0.099 UJ	< 0.11 UJ	< 0.095 UJ	< 0.058 UJ	< 0.1 UJ
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.42 U	0.87 J	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.077 U	0.67 J+	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	0.26 J+
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.6 U	0.63 J	< 0.32 U	< 0.4 U	< 0.34 U	< 0.62 U	< 0.64 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.5 U	1.1 J	< 0.8 U	< 1 U	< 0.85 U	< 1.6 U	< 1.6 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 1.2 U	1.6 J	< 0.64 U	< 0.8 U	< 0.68 U	< 1.2 U	< 1.3 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.036 U	< 0.13 U	< 0.099 U	< 0.04 U	< 0.14 U	< 0.074 U	0.096

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cymene (Isopropyltoluene)	Dibromomethane	Dichlorodifluoromethane (Freon-12)	Dichloromethane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	70	--	--	--	--	5
BCL						2.7	70	--	--	8.2	400	5
Shallow	Downgradient	M7B	55b	N	04/23/09	0.35 J	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.086 U	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.086 U	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.086 U	< 0.14 U	< 0.099 U	< 0.11 U	< 0.095 U	< 0.058 U	< 0.1 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.077 U	< 0.083 U	< 0.073 U	< 0.035 U	< 0.21 U	< 0.07 U	< 0.11 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 160 U	< 130 U	< 88 U	< 110 U	< 140 U	< 100 U	2600
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 80 U	< 64 U	< 44 U	< 56 U	< 72 U	< 52 U	3200
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 120 U	< 60 U	< 64 U	< 80 U	< 68 U	< 120 U	1800
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 300 U	< 150 U	< 160 U	< 200 U	< 170 U	< 310 U	1600 J
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 120 U	< 60 U	< 64 U	< 80 U	< 68 U	< 120 U	5800
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 160 U	< 130 U	< 88 U	< 110 U	< 140 U	< 100 U	< 380 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 40 U	< 32 U	< 22 U	< 28 U	< 36 U	< 26 U	190
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 40 U	< 32 U	< 22 U	< 28 U	< 36 U	< 26 U	< 95 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 120 U	< 60 U	< 64 U	< 80 U	< 68 U	< 120 U	< 130 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 300 U	< 150 U	< 160 U	< 200 U	< 170 U	< 310 U	< 320 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 120 U	< 60 U	< 64 U	< 80 U	< 68 U	< 120 U	430 J
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	83 J	< 14 UJ	< 9.9 UJ	< 11 UJ	< 9.5 UJ	< 5.8 UJ	1200 J-
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	66 J	< 8.3 U	< 7.3 U	< 3.5 U	< 21 U	< 7 U	1600
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 120 U	< 60 U	< 64 U	< 80 U	< 68 U	< 120 U	1000
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 600 U	< 300 U	< 320 U	< 400 U	< 340 U	< 620 U	< 640 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 150 U	< 75 U	< 80 U	< 100 U	< 85 U	< 160 U	1800
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2 U	< 1.6 U	< 1.1 U	< 1.4 U	< 1.8 U	< 1.3 UJ	5.9
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 4 U	< 3.2 U	< 2.2 U	< 2.8 U	< 3.6 U	< 2.6 U	16
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 3 U	< 1.5 U	< 1.6 U	< 2 U	< 1.7 U	< 3.1 U	< 3.2 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 3 U	< 1.5 U	< 1.6 U	< 2 U	< 1.7 U	< 3.1 U	< 3.2 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.3 U	0.41 J	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	0.39 J
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 8 U	< 6.4 U	< 4.4 U	< 5.6 U	< 7.2 U	< 5.2 U	< 19 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 8 U	< 6.4 U	< 4.4 U	< 5.6 U	< 7.2 U	< 5.2 U	< 19 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 6 U	< 3 U	< 3.2 U	< 4 U	< 3.4 U	< 6.2 U	< 6.4 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 3 U	< 1.5 U	< 1.6 U	< 2 U	< 1.7 U	< 3.1 U	< 3.2 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 3 U	< 1.5 U	< 1.6 U	< 2 U	< 1.7 U	< 3.1 U	6.1 J
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.4 U	< 0.32 U	< 0.22 U	< 0.28 U	< 0.36 U	< 0.26 U	< 0.95 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.4 U	< 0.32 U	< 0.22 U	< 0.28 U	< 0.36 U	< 0.26 U	< 0.95 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.4 U	< 0.32 U	< 0.22 U	< 0.28 U	< 0.36 U	< 0.26 U	< 0.95 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.4 U	< 0.32 U	< 0.22 U	< 0.28 U	< 0.36 U	< 0.26 U	< 0.95 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.4 U	< 0.32 U	< 0.22 U	< 0.28 U	< 0.36 U	< 0.26 U	< 0.95 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.4 U	< 0.32 U	< 0.22 U	< 0.28 U	< 0.36 U	< 0.26 U	< 0.95 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chloromethane	cis-1,2-Dichloroethene	cis-1,3-Dichloropropene	Cymene (Isopropyltoluene)	Dibromomethane	Dichlorodifluoromethane (Freon-12)	Dichloromethane
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	70	--	--	--	--	5
BCL						2.7	70	--	--	8.2	400	5
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.4 U	< 0.32 U	< 0.22 U	< 0.28 U	< 0.36 U	< 0.26 U	< 0.95 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.4 U	< 0.32 U	< 0.22 U	< 0.28 U	< 0.36 U	< 0.26 U	< 0.95 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.3 U	< 0.15 U	< 0.16 U	< 0.2 U	< 0.17 U	< 0.31 U	< 0.32 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Dimethyl disulfide	Ethanol	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methyl ethyl ketone	Methyl iodide
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	700	--	--	--	--
BCL						--	210000	700	680	1200	7100	360
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 5 UJ-	34000	< 0.07 UJ-	< 0.07 UJ-	< 0.09 UJ-	< 0.33 UJ-	< 0.1 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.27 UJ	< 95 UJ	< 0.064 UJ	< 0.1 UJ	< 0.2 UJ	< 1.8 UJ	< 0.13 UJ
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.089 UJ	< 36 UJ	< 0.061 UJ	< 0.032 UJ	< 1.1 UJ	< 0.96 UJ	< 0.33 UJ
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	0.45 J	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 27 UJ	< 8500 UJ	< 11 UJ	< 9.6 UJ	< 19 UJ	< 83 UJ	< 9.1 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 27 UJ	< 8500 UJ	< 11 UJ	< 9.6 UJ	< 19 UJ	< 83 UJ	< 9.1 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	R	< 78 UJ	R	0.3 J	R	< 0.52 U	< 0.092 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 50 U	< 19000 U	< 32 U	< 38 U	< 68 U	< 400 U	< 46 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 50 UJ	< 19000 U	< 32 U	< 38 U	< 68 U	< 400 U	< 46 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 25 U	< 9400 UJ	< 16 U	< 19 U	< 34 U	< 200 U	< 23 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 1200 U	13000	< 18 U	< 18 U	< 22 U	< 82 U	< 25 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	6 J+	< 95 UJ	< 0.064 U	< 0.1 U	< 0.2 U	< 1.8 UJ	< 0.13 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	--	< 36 UJ	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 0.33 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	4.3 J	< 0.091 UJ
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 27 U	< 8500 UJ	< 11 U	< 9.6 U	< 19 U	< 83 U	< 9.1 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 27 U	< 8500 UJ	< 11 U	< 9.6 U	< 19 U	< 83 U	< 9.1 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.22 UJ	< 78 UJ	< 0.086 UJ	< 0.049 UJ	< 0.071 UJ	< 0.52 U	< 0.092 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 10 U	< 3800 U	< 6.4 U	< 7.6 U	< 14 U	< 80 U	< 9.2 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 10 UJ	< 3800 U	< 6.4 U	< 7.6 U	< 14 U	< 80 U	< 9.2 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 5 U	< 1900 UJ	< 3.2 U	< 3.8 U	< 6.8 U	< 40 U	< 4.6 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	--	< 4800 UJ	< 3.2 U	< 5 U	< 10 U	< 90 UJ	< 6.4 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 27 U	< 8500 UJ	< 11 U	< 9.6 U	< 19 U	< 83 U	< 9.1 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.22 U	3500 J	< 0.086 U	< 0.049 U	< 0.071 U	< 0.52 U	0.92 J+
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 5 U	< 1900 U	< 3.2 U	< 3.8 U	< 6.8 U	< 40 U	< 4.6 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 25 U	< 9400 U	< 16 U	< 19 U	< 34 U	< 200 U	< 23 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 5 UJ	< 1900 U	< 3.2 U	< 3.8 U	< 6.8 U	< 40 U	< 4.6 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 10 UJ	< 3800 U	< 6.4 U	< 7.6 U	< 14 U	< 80 U	< 9.2 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 10 U	< 3800 UJ	< 6.4 U	< 7.6 U	< 14 U	< 80 U	< 9.2 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 10 U	< 3800 UJ	< 6.4 U	< 7.6 U	< 14 U	< 80 U	< 9.2 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	1.7 J	< 36 UJ	< 0.061 UJ	< 0.032 UJ	< 1.1 UJ	< 0.96 UJ	< 3.3 UJ
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	1.7 J	< 0.091 UJ
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 27 U	< 8500 U	< 11 U	< 9.6 U	< 19 U	< 83 U	< 9.1 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 UJ	< 0.19 U	< 0.83 U	0.88 J+
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.22 U	< 78 UJ	< 0.086 U	< 0.049 U	< 0.071 U	< 0.52 U	< 0.092 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 25 UJ	< 9400 UJ	< 16 U	< 19 U	< 34 U	< 200 U	< 23 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 25 UJ	< 9400 U	< 16 U	< 19 U	< 34 U	< 200 U	< 23 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 10 U	< 3800 UJ	< 6.4 U	< 7.6 U	< 14 U	< 80 U	< 9.2 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	2.1 J+	< 36 UJ	< 0.061 U	0.081 J	< 1.1 U	< 0.96 U	< 0.33 UJ
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 27 UJ	< 8500 UJ	< 11 UJ	< 9.6 UJ	< 19 UJ	< 83 UJ	< 9.1 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 53 U	< 17000 UJ	< 21 U	< 19 U	< 38 U	< 170 U	< 18 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 22 UJ	< 7800 UJ	< 8.6 UJ	< 4.9 UJ	< 7.1 UJ	< 52 UJ	< 9.2 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 50 UJ	< 19000 UJ	< 32 U	< 38 U	< 68 U	< 400 U	< 46 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 2.5 UJ	< 940 U	< 1.6 U	< 1.9 U	< 3.4 U	< 20 U	< 2.3 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 25 UJ	< 9400 UJ	< 16 UJ	< 19 UJ	< 34 UJ	< 200 UJ	< 23 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Dimethyl disulfide	Ethanol	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methyl ethyl ketone	Methyl iodide
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	700	--	--	--	--
BCL						--	210000	700	680	1200	7100	360
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.22 U	< 78 UJ	< 0.086 U	< 0.049 U	< 0.071 U	< 0.52 U	< 0.092 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.25 U	< 94 U	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.25 U	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 5000 U	8100	150 J	140 J	300 J	< 330 U	< 100 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	1.6 J	< 95 UJ	< 0.064 UJ	< 0.1 UJ	< 0.2 UJ	< 1.8 UJ	0.51 J
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.089 U	< 36 UJ	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 0.33 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 27 U	< 8500 UJ	< 11 U	< 9.6 U	< 19 U	< 83 U	< 9.1 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 27 U	< 8500 UJ	< 11 U	< 9.6 U	< 19 U	< 83 U	< 9.1 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.22 UJ	< 78 UJ	< 0.086 UJ	< 0.049 UJ	< 0.071 UJ	< 0.52 U	< 0.092 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 10 U	< 3800 U	< 6.4 U	< 7.6 U	< 14 U	< 80 U	< 9.2 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 1 UJ	< 380 U	< 0.64 U	< 0.76 U	< 1.4 U	< 8 U	< 0.92 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 10 U	< 3800 UJ	< 6.4 U	< 7.6 U	< 14 U	< 80 U	< 9.2 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 5 U	< 540 U	< 0.07 U	< 0.07 U	< 0.09 U	< 0.33 U	< 0.1 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 5 U	< 540 U	< 0.07 U	< 0.07 U	< 0.09 U	< 0.33 U	< 0.1 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.27 U	< 95 UJ	< 0.064 U	< 0.1 U	< 0.2 U	< 1.8 UJ	< 0.13 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.089 U	< 36 UJ	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 0.33 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.089 U	< 36 UJ	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 0.33 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.27 U	< 85 U	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.22 U	< 78 UJ	< 0.086 U	< 0.049 U	< 0.071 U	< 0.52 U	0.34 J+
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 1.2 UJ	< 470 UJ	< 0.8 U	< 0.95 U	< 1.7 U	< 10 U	< 1.2 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.2 UJ	< 470 U	< 0.8 U	< 0.95 U	< 1.7 U	< 10 U	< 1.2 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.25 U	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 5 U	< 540 U	< 0.07 U	< 0.07 U	< 0.09 U	< 0.33 U	< 0.1 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.27 UJ	< 95 UJ	< 0.064 UJ	< 0.1 UJ	< 0.2 UJ	< 1.8 UJ	0.67 J
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.089 U	< 36 UJ	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 0.33 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.22 UJ	< 78 UJ	< 0.086 UJ	< 0.049 UJ	< 0.071 UJ	< 0.52 UJ	< 0.092 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.25 UJ	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.25 U	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 2500 U	19000	< 35 U	< 35 U	< 45 U	< 160 U	< 50 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.27 UJ	< 95 UJ	< 0.064 UJ	< 0.1 UJ	< 0.2 UJ	< 1.8 UJ	< 0.13 UJ
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.089 U	< 36 U	< 0.061 U	0.1	< 1.1 U	< 0.96 U	< 0.33 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.089 U	< 36 U	< 0.061 U	0.13	< 1.1 U	< 0.96 U	< 330 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	0.15 J-	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	0.16 J	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 130 U	< 43000 UJ	< 54 U	< 48 U	< 96 U	< 410 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	0.11 J	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	0.14 J+	< 0.19 UJ	< 0.83 U	< 0.091 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Dimethyl disulfide	Ethanol	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methyl ethyl ketone	Methyl iodide
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	700	--	--	--	--
BCL						--	210000	700	680	1200	7100	360
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	R	< 78 UJ	R	0.27 J	R	< 0.52 U	< 0.092 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 50 UJ	< 19000 U	< 32 U	< 38 U	< 68 U	< 400 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 50 UJ	< 19000 U	< 32 U	< 38 U	< 68 U	< 400 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 50 UJ	< 19000 U	< 32 U	< 38 U	< 68 U	< 400 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 50 UJ	< 19000 U	< 32 U	< 38 U	< 68 U	< 400 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 50 U	< 19000 UJ	< 32 U	< 38 U	< 68 U	< 400 U	< 46 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 50 UJ	< 19000 UJ	< 32 UJ	< 38 UJ	< 68 UJ	< 400 UJ	< 46 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 5 UJ-	57000	< 0.07 UJ-	< 0.07 UJ-	< 0.09 UJ-	< 0.33 UJ-	< 0.1 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.27 UJ	< 95 UJ	< 0.064 UJ	< 0.1 UJ	< 0.2 UJ	20 J	< 0.13 UJ
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	5.3 J	< 36 UJ	< 0.061 UJ	< 0.032 UJ	< 1.1 UJ	24 J	< 0.33 UJ
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 13 U	< 4300 UJ	< 5.4 U	< 4.8 U	< 9.6 U	< 41 U	< 4.6 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.22 U	< 78 UJ	< 0.086 U	< 0.049 U	< 0.071 U	17 J+	< 0.092 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 25 UJ	< 9400 UJ	< 16 U	< 19 U	< 34 U	< 200 U	< 23 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 1.2 UJ	< 470 U	< 0.8 U	< 0.95 U	< 1.7 U	< 10 U	< 1.2 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 25 U	< 9400 UJ	< 16 U	< 19 U	< 34 U	< 200 U	< 23 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 5 UJ-	< 540 U	< 0.07 UJ-	< 0.07 UJ-	< 0.09 UJ-	< 0.33 UJ-	< 0.1 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 0.27 UJ	< 95 UJ	< 0.064 UJ	< 0.1 UJ	< 0.2 UJ	< 1.8 UJ	< 0.13 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.089 U	< 36 U	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.22 U	< 78 UJ	< 0.086 U	< 0.049 U	< 0.071 U	< 0.52 U	< 0.092 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1 UJ	< 380 UJ	< 0.64 U	< 0.76 U	< 1.4 U	< 8 U	< 0.92 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.5 U	< 190 UJ	< 0.32 U	< 0.38 U	< 0.68 U	< 4 U	< 0.46 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.089 U	< 36 U	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 3.3 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 2.7 U	< 850 UJ	< 1.1 U	< 0.96 U	< 1.9 U	< 8.3 U	< 0.91 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 2.7 U	< 850 UJ	< 1.1 U	< 0.96 U	< 1.9 U	< 8.3 U	< 0.91 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.22 U	< 78 UJ	< 0.086 U	< 0.049 U	< 0.071 U	< 0.52 U	< 0.092 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 1 U	< 380 U	< 0.64 U	< 0.76 U	< 1.4 U	< 8 U	< 0.92 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.2 UJ	< 470 U	< 0.8 U	< 0.95 U	< 1.7 U	< 10 U	< 1.2 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1 U	< 380 UJ	< 0.64 U	< 0.76 U	< 1.4 U	< 8 U	< 0.92 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.089 U	< 36 U	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 3.3 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.27 UJ	< 85 UJ	< 0.11 UJ	< 0.096 UJ	< 0.19 UJ	< 0.83 UJ	< 0.091 UJ
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	74 J	< 0.091 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.22 U	< 78 UJ	< 0.086 U	< 0.049 U	< 0.071 U	38 J+	< 0.092 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.5 U	< 190 U	< 0.32 U	< 0.38 U	< 0.68 U	< 4 U	< 0.46 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.2 UJ	< 470 U	< 0.8 U	< 0.95 U	< 1.7 U	< 10 U	< 1.2 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 1 U	< 380 UJ	< 0.64 U	< 0.76 U	< 1.4 U	< 8 U	< 0.92 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.089 U	< 36 U	< 0.061 U	< 0.032 U	< 1.1 U	< 0.96 U	< 0.33 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Dimethyl disulfide	Ethanol	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methyl ethyl ketone	Methyl iodide
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	700	--	--	--	--
BCL						--	210000	700	680	1200	7100	360
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.27 U	< 85 UJ	< 0.11 U	< 0.096 U	< 0.19 U	< 0.83 U	< 0.091 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.22 U	< 78 UJ	< 0.086 U	< 0.049 U	< 0.071 U	< 0.52 U	< 0.092 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.25 UJ	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.25 U	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 200 U	--	< 100 U	< 100 U	< 240 U	--	--
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 100 U	--	< 50 U	< 50 U	< 120 U	--	--
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 100 UJ	< 38000 UJ	< 64 U	< 76 U	< 140 U	< 800 U	< 92 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 250 UJ	< 94000 U	< 160 U	< 190 U	< 340 U	< 2000 U	< 230 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 100 U	< 38000 UJ	< 64 U	< 76 U	< 140 U	< 800 U	< 92 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 200 U	--	< 100 U	< 100 U	< 240 U	--	--
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 50 U	--	< 25 U	< 25 U	< 60 U	--	--
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 50 U	--	< 25 U	< 25 U	< 60 U	--	--
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 100 UJ	< 38000 UJ	< 64 U	< 76 U	< 140 U	< 800 U	< 92 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 250 UJ	< 94000 U	< 160 U	< 190 U	< 340 U	< 2000 U	< 230 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 100 U	< 38000 UJ	< 64 U	< 76 U	< 140 U	< 800 U	< 92 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 27 UJ	< 8500 UJ	< 11 UJ	< 9.6 UJ	< 19 UJ	< 83 UJ	< 9.1 UJ
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 22 U	< 7800 UJ	< 8.6 U	< 4.9 U	< 7.1 U	< 52 U	110 J
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 100 UJ	< 38000 U	< 64 U	< 76 U	< 140 U	< 800 U	< 92 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 500 UJ	< 190000 U	< 320 U	< 380 U	< 680 U	< 4000 U	< 460 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 130 U	< 47000 UJ	< 80 U	< 95 U	< 170 U	< 1000 U	< 120 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2.5 U	--	< 1.2 U	< 1.2 U	< 3 U	--	--
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 5 U	--	< 2.5 U	< 2.5 U	< 6 U	--	--
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 2.5 UJ	< 940 UJ	< 1.6 U	< 1.9 U	< 3.4 U	< 20 U	< 2.3 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 2.5 UJ	< 940 U	< 1.6 U	< 1.9 U	< 3.4 U	< 20 U	< 2.3 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.25 U	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 10 U	--	< 5 U	< 5 U	< 12 U	--	--
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 10 U	--	< 5 U	< 5 U	< 12 U	--	--
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 5 UJ	< 1900 UJ	< 3.2 U	< 3.8 U	< 6.8 U	< 40 U	< 4.6 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 2.5 UJ	< 940 U	< 1.6 U	< 1.9 U	< 3.4 U	< 20 U	< 2.3 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 2.5 U	< 940 UJ	< 1.6 U	< 1.9 U	< 3.4 U	< 20 U	< 2.3 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.5 U	--	< 0.25 U	< 0.25 U	< 0.6 U	--	--
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.5 U	--	< 0.25 U	< 0.25 U	< 0.6 U	--	--
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	0.46 J	< 2 U	< 0.23 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.25 U	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.5 U	--	< 0.25 U	< 0.25 U	< 0.6 U	--	--
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.5 U	--	< 0.25 U	< 0.25 U	< 0.6 U	--	--
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.25 U	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.5 U	--	< 0.25 U	< 0.25 U	< 0.6 U	--	--
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.5 U	--	< 0.25 U	< 0.25 U	0.78	--	--

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Dimethyl disulfide	Ethanol	Ethylbenzene	Isopropylbenzene	m,p-Xylenes	Methyl ethyl ketone	Methyl iodide
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	700	--	--	--	--
BCL						--	210000	700	680	1200	7100	360
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	0.42 J	< 2 U	< 0.23 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	0.35 J	< 2 U	< 0.23 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.25 UJ	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.5 U	--	< 0.25 U	< 0.25 U	< 0.6 U	--	--
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.5 U	--	< 0.25 U	< 0.25 U	0.81	--	--
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	0.51 J	< 2 U	< 0.23 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.25 UJ	< 94 U	< 0.16 U	< 0.19 U	0.37 J	< 2 U	< 0.23 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.25 UJ	< 94 UJ	< 0.16 U	< 0.19 U	< 0.34 U	< 2 U	< 0.23 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	MTBE (Methyl tert-butyl ether)	n-Butylbenzene	n-Heptane	Nonanal	n-Propylbenzene	o-Xylene	sec-Butylbenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						13	250	0.2	--	250	1200	250
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.15 UJ-	< 0.05 UJ-	< 1 UJ-	--	< 0.07 UJ-	< 0.05 UJ-	< 0.05 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.1 UJ	< 0.045 UJ	< 0.1 UJ	< 0.31 UJ	0.2 J	2.3 J	0.2 J
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.13 UJ	0.16 J	< 0.08 UJ	< 0.007 UJ	0.22 J	0.46 J	< 0.053 UJ
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.098 UJ	< 0.12 UJ	< 0.12 UJ	< 1.2 UJ	0.74 J	3.4 J	0.71 J
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.098 UJ	< 0.12 UJ	< 0.12 UJ	< 1.2 UJ	0.91 J	4.3 J	0.76 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 9.8 UJ	< 12 UJ	< 0.12 UJ	< 120 UJ	< 9.3 UJ	< 5.5 UJ	< 8.5 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 9.8 UJ	< 12 UJ	< 12 UJ	< 120 UJ	< 9.3 UJ	< 5.5 UJ	< 8.5 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	0.36 J+	4 J	< 0.057 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 50 U	< 28 U	< 40 UJ	< 790 U	< 32 U	< 38 U	< 34 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 50 U	< 28 U	< 40 U	< 240 UJ	< 32 U	< 38 U	< 34 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 25 U	< 14 U	< 20 U	< 120 UJ	< 16 U	< 19 U	< 17 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 38 U	< 12 U	< 250 U	--	< 18 U	< 12 U	< 12 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 0.1 U	< 0.045 U	< 0.1 U	< 0.31 U	< 0.1 U	< 0.1 U	< 0.032 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.098 UJ	< 0.12 UJ	< 0.12 UJ	< 1.2 UJ	< 0.093 UJ	0.4 J+	< 0.085 UJ
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.8 U	< 12 U	< 0.12 U	< 120 U	< 9.3 U	< 5.5 U	< 8.5 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 9.8 U	< 12 U	< 12 U	< 120 U	< 9.3 U	< 5.5 U	< 8.5 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	0.1 J	< 0.057 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 10 U	< 5.6 U	< 8 UJ	< 47 U	< 6.4 U	< 7.6 U	< 6.8 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 10 U	< 5.6 U	< 8 U	< 47 U	< 6.4 U	< 7.6 U	< 6.8 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 5 U	< 2.8 U	< 4 U	< 24 UJ	< 3.2 U	< 3.8 U	< 3.4 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 5 U	< 2.2 U	--	< 16 U	< 5 U	< 5 U	< 1.6 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 0.098 U	< 12 U	< 0.12 U	< 120 U	< 9.3 U	< 5.5 U	< 8.5 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	0.091 J+	< 0.057 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 5 U	< 2.8 U	43 J-	< 84 U	< 3.2 U	< 3.8 U	< 3.4 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 25 U	< 14 U	56 J-	< 420 U	< 16 U	< 19 U	< 17 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 5 U	< 2.8 U	29 J	< 24 U	< 3.2 U	< 3.8 U	< 3.4 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 10 U	< 5.6 U	30 J	< 47 U	< 6.4 U	< 7.6 U	< 6.8 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 10 U	< 5.6 U	< 8 U	< 47 UJ	< 6.4 U	< 7.6 U	< 6.8 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 10 U	< 5.6 U	< 8 U	< 47 UJ	< 6.4 U	< 7.6 U	< 6.8 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.13 UJ	< 0.069 UJ	< 0.08 UJ	< 0.007 UJ	< 0.029 UJ	< 0.056 UJ	< 0.053 UJ
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.098 UJ	< 0.12 UJ	< 0.12 UJ	< 1.2 UJ	< 0.093 UJ	< 0.055 U	< 0.085 UJ
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 9.8 U	< 12 U	< 0.12 U	< 120 U	< 9.3 U	< 5.5 U	< 8.5 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.098 U	< 0.12 UJ	< 0.12 U	< 1.2 UJ	< 0.093 UJ	< 0.055 U	< 0.085 UJ
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	< 0.044 U	< 0.057 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 25 U	< 14 U	< 20 U	140 J+	< 16 U	< 19 U	< 17 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 25 U	< 14 U	< 20 U	< 120 U	< 16 U	< 19 U	< 17 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 10 U	< 5.6 U	< 8 U	< 47 UJ	< 6.4 U	< 7.6 U	< 6.8 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.13 U	0.23 J	< 0.08 U	< 0.007 UJ	0.14 J	< 0.056 U	0.2 J
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 0.098 UJ	< 0.12 UJ	< 0.12 UJ	< 1.2 UJ	0.43 J	3 J	0.59 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 9.8 UJ	< 12 UJ	< 0.12 UJ	< 120 UJ	< 9.3 UJ	< 5.5 UJ	< 8.5 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 20 U	< 23 U	< 24 U	< 240 U	< 19 U	< 11 U	< 17 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 11 UJ	< 4.1 UJ	< 0.15 UJ	< 41 UJ	< 5 UJ	< 4.4 UJ	< 5.7 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 50 U	< 28 U	< 40 U	350 J+	< 32 U	< 38 U	< 34 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 2.5 U	< 1.4 U	< 2 U	< 12 U	< 1.6 U	< 1.9 U	< 1.7 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 25 UJ	< 14 UJ	< 20 UJ	< 120 UJ	< 16 UJ	< 19 UJ	< 17 UJ

TABLE 2-13
VOLATILE ORGANIC COMPOUND (VOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	MTBE (Methyl tert-butyl ether)	n-Butylbenzene	n-Heptane	Nonanal	n-Propylbenzene	o-Xylene	sec-Butylbenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						13	250	0.2	--	250	1200	250
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	< 0.044 U	< 0.057 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.25 U	< 0.14 U	< 0.2 U	< 3.3 U	< 0.16 U	< 0.19 U	< 0.17 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.25 U	< 0.14 U	< 0.2 U	< 1.3 U	< 0.16 U	< 0.19 U	< 0.17 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.25 U	< 0.14 U	< 0.2 U	< 1.2 U	< 0.16 U	< 0.19 U	< 0.17 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 150 U	360 J	< 1000 U	--	260 J	140 J	220 J
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 0.1 U	< 0.045 U	< 0.1 U	< 0.31 U	< 0.1 U	< 0.1 U	< 0.032 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	0.16 J	< 0.085 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 9.8 U	< 12 U	< 0.12 U	< 120 U	< 9.3 U	< 5.5 U	< 8.5 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 98 U	< 12 U	< 12 U	< 1200 U	< 9.3 U	< 5.5 U	< 8.5 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	0.075 J	< 0.057 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 10 U	< 5.6 U	< 8 U	< 110 U	< 6.4 U	< 7.6 U	< 6.8 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 1 U	< 0.56 U	< 0.8 U	4.8 J	< 0.64 U	< 0.76 U	< 0.68 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 10 U	< 5.6 U	< 8 U	< 47 U	< 6.4 U	< 7.6 U	< 6.8 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.15 U	< 0.05 U	< 1 U	--	< 0.07 U	< 0.05 U	< 0.05 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.15 U	< 0.05 U	< 1 U	--	< 0.07 U	< 0.05 U	< 0.05 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.1 U	< 0.045 U	< 0.1 U	< 0.31 U	< 0.1 U	< 0.1 U	< 0.032 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	< 0.044 U	< 0.057 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 1.2 U	< 0.7 U	< 1 U	< 5.9 U	< 0.8 U	< 0.95 U	< 0.85 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.2 U	< 0.7 U	< 1 U	< 5.9 U	< 0.8 U	< 0.95 U	< 0.85 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.25 U	< 0.14 U	< 0.2 U	< 1.2 U	< 0.16 U	< 0.19 U	< 0.17 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.15 U	< 0.05 U	< 1 U	--	< 0.07 U	< 0.05 U	< 0.05 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.1 U	< 0.045 U	< 0.1 U	< 0.31 U	< 0.1 U	< 0.1 U	< 0.032 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	< 0.044 U	< 0.057 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.25 U	< 0.14 U	< 0.2 U	< 1.5 U	< 0.16 U	< 0.19 U	< 0.17 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.25 U	< 0.14 U	< 0.2 U	< 1.3 U	< 0.16 U	< 0.19 U	< 0.17 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.25 U	< 0.14 U	< 0.2 U	< 1.2 U	< 0.16 U	< 0.19 U	< 0.17 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 75 U	< 25 U	< 500 U	--	< 35 U	< 25 U	< 25 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.1 U	< 0.045 U	< 0.1 U	< 0.31 U	< 0.1 U	1.3 J	< 0.032 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	0.14	0.61	< 0.053 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	0.13	0.54	< 0.053 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	0.22 J-	1.3 J-	< 0.085 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	0.22 J-	1.4 J	< 0.085 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 49 U	< 58 U	< 0.12 U	< 610 U	< 46 U	< 28 U	< 42 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.098 U	< 0.12 U	< 0.12 U	< 120 U	0.16 J	2.9 J	< 0.085 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.098 U	< 0.12 U	< 0.12 U	< 120 U	0.18 J+	3.9 J	< 0.085 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	MTBE (Methyl tert-butyl ether)	n-Butylbenzene	n-Heptane	Nonanal	n-Propylbenzene	o-Xylene	sec-Butylbenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						13	250	0.2	--	250	1200	250
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	0.33 J+	8.8 J	< 0.057 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 50 U	< 28 U	< 40 U	260 J+	< 32 U	< 38 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 50 U	< 28 U	< 40 U	330 J+	< 32 U	< 38 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 50 U	< 28 U	< 40 U	< 240 UJ	< 32 U	< 38 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 50 U	< 28 U	< 40 U	< 240 UJ	< 32 U	< 38 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 50 U	< 28 U	< 40 U	< 240 UJ	< 32 U	< 38 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 50 UJ	< 28 UJ	< 40 UJ	< 240 UJ	< 32 UJ	< 38 UJ	< 34 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.15 UJ-	0.32 J-	< 1 UJ-	--	< 0.07 UJ-	< 0.05 UJ-	< 0.05 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.1 UJ	< 0.045 UJ	< 0.1 UJ	< 0.31 UJ	< 0.1 UJ	0.21 J-	< 0.032 UJ
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.13 UJ	0.094 J	< 0.08 UJ	< 0.007 UJ	0.044 J	< 0.056 UJ	< 0.053 UJ
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.098 UJ	0.12 J	< 0.12 UJ	< 1.2 UJ	< 0.093 UJ	0.1 J	< 0.085 UJ
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 4.9 U	< 5.8 U	< 0.12 U	< 61 U	< 4.6 U	< 2.8 U	< 4.2 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 9.8 U	< 0.12 UJ	0.3 J-	< 120 U	< 0.093 UJ	0.071 J-	< 0.085 UJ
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 9.8 U	< 0.12 UJ	0.35 J-	< 120 U	< 0.093 UJ	0.084 J-	< 0.085 UJ
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.11 U	0.062 J+	< 0.15 U	< 0.41 U	< 0.05 U	0.11 J+	0.099 J+
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 25 U	< 14 U	< 20 U	< 120 U	< 16 U	< 19 U	< 17 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 1.2 U	< 0.7 U	< 1 U	6.3 J	< 0.8 U	< 0.95 U	< 0.85 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 25 U	< 14 U	< 20 U	< 120 UJ	< 16 U	< 19 U	< 17 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.15 UJ-	< 0.05 UJ-	< 1 UJ-	--	< 0.07 UJ-	< 0.05 UJ-	< 0.05 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 0.1 UJ	< 0.045 UJ	0.23 J-	< 0.31 UJ	< 0.1 UJ	< 0.1 UJ	< 0.032 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 0.098 UJ	< 0.12 U	< 0.12 U	< 1.2 UJ	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.098 UJ	< 0.12 UJ	< 0.12 UJ	< 1.2 UJ	< 0.093 UJ	< 0.055 UJ	< 0.085 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.098 UJ	< 0.12 UJ	0.17 J-	< 1.2 UJ	< 0.093 UJ	< 0.055 UJ	< 0.085 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	< 0.044 U	< 0.057 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1 U	< 0.56 U	< 0.8 U	5.6 J+	< 0.64 U	< 0.76 U	< 0.68 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.25 U	< 0.14 U	< 0.2 U	< 1.2 U	< 0.16 U	0.34 J	< 0.17 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.5 U	< 0.28 U	< 0.4 U	< 2.4 U	< 0.32 U	< 0.38 U	< 0.34 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.098 UJ	< 0.12 U	< 0.12 U	< 1.2 UJ	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.98 U	< 1.2 U	< 0.12 U	< 12 U	< 0.93 U	< 0.55 U	< 0.85 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.98 U	< 1.2 U	< 0.12 U	< 12 U	< 0.93 U	< 0.55 U	< 0.85 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 2 U	< 0.12 UJ	< 0.12 UJ	< 24 U	< 0.093 UJ	< 0.055 UJ	< 0.085 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	< 0.044 U	< 0.057 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 1 U	< 0.56 U	< 0.8 UJ	< 4.7 U	< 0.64 U	< 0.76 U	< 0.68 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.2 U	< 0.7 U	< 1 U	< 5.9 U	< 0.8 U	< 0.95 U	< 0.85 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1 U	< 0.56 U	< 0.8 U	< 4.7 UJ	< 0.64 U	< 0.76 U	< 0.68 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.098 UJ	< 0.12 UJ	< 0.12 UJ	< 1.2 UJ	< 0.093 UJ	< 0.055 UJ	< 0.085 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.098 UJ	< 0.12 UJ	< 0.12 UJ	< 1.2 UJ	< 0.093 UJ	< 0.055 UJ	< 0.085 UJ
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.098 U	< 0.12 U	< 0.12 U	< 1.2 U	< 0.093 U	< 0.055 U	< 0.085 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.11 U	< 0.041 U	< 0.15 U	< 0.41 U	< 0.05 U	< 0.044 U	< 0.057 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.5 U	< 0.28 U	< 0.4 UJ	< 6.1 U	< 0.32 U	< 0.38 U	< 0.34 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.2 U	< 0.7 U	< 1 U	< 5.9 UJ	< 0.8 U	< 0.95 U	< 0.85 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 1 U	< 0.56 U	< 0.8 U	< 4.7 UJ	< 0.64 U	< 0.76 U	< 0.68 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.13 U	< 0.069 U	< 0.08 U	< 0.007 U	< 0.029 U	< 0.056 U	< 0.053 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	MTBE (Methyl tert-butyl ether)	n-Butylbenzene	n-Heptane	Nonanal	n-Propylbenzene	o-Xylene	sec-Butylbenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						13	250	0.2	--	250	1200	250
Shallow	Downgradient	M7B	55b	N	04/23/09	<0.098 UJ	<0.12 U	<0.12 U	<1.2 UJ	<0.093 U	<0.055 U	<0.085 U
Shallow	Downgradient	M7B	55c	N	07/28/09	<0.098 U	<0.12 U	<0.12 U	<1.2 U	<0.093 U	<0.055 U	<0.085 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	<0.098 U	<0.12 U	<0.12 U	<1.2 U	<0.093 U	<0.055 U	<0.085 U
Shallow	Downgradient	M7B	55d	N	10/28/09	<0.098 U	<0.12 U	<0.12 U	<1.2 U	<0.093 U	<0.055 U	<0.085 U
Shallow	Downgradient	M7B	55e	N	04/22/10	<0.11 U	<0.041 U	<0.15 U	<0.41 U	<0.05 U	<0.044 U	<0.057 U
Shallow	Downgradient	M7B	55f	N	10/28/10	<0.25 U	<0.14 U	<0.2 U	<1.2 U	<0.16 U	<0.19 U	<0.17 U
Shallow	Downgradient	M7B	55g	N	03/30/11	<0.25 U	<0.14 U	<0.2 U	<1.3 UJ	<0.16 U	<0.19 U	<0.17 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	<0.25 U	<0.14 U	<0.2 U	<1.2 UJ	<0.16 U	<0.19 U	<0.17 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	<150 U	--	--	<110 U	<120 U	<100 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	--	<74 U	--	--	<54 U	<60 U	<50 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	<100 U	<56 U	<80 U	<470 U	<64 U	<76 U	<68 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	<250 U	<140 U	<200 U	<1200 U	<160 U	<190 U	<170 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	<100 U	<56 U	<80 U	<470 UJ	<64 U	<76 U	<68 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	<150 U	--	--	<110 U	<120 U	<100 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	--	<37 U	--	--	<27 U	<30 U	<25 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	--	<37 U	--	--	<27 U	<30 U	<25 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	<100 U	<56 U	<80 U	540 J+	<64 U	<76 U	<68 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	<250 U	<140 U	<200 U	<1200 U	<160 U	<190 U	<170 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	<100 U	<56 U	<80 U	<470 UJ	<64 U	<76 U	<68 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	<9.8 UJ	<12 UJ	<0.12 UJ	<12000 U	<9.3 UJ	<5.5 UJ	<8.5 UJ
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	<11 U	<4.1 U	<0.15 U	<41 U	<5 U	<4.4 U	<5.7 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	<100 U	<56 U	<80 U	<470 U	<64 U	<76 U	<68 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	<500 U	<280 U	<400 U	<2400 U	<320 U	<380 U	<340 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	<130 U	<70 U	<100 U	<590 UJ	<80 U	<95 U	<85 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	<1.8 U	--	--	<1.4 U	<1.5 U	<1.2 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	--	<3.7 U	--	--	<2.7 U	<3 U	<2.5 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	<2.5 U	<1.4 U	<2 U	12 J+	<1.6 U	<1.9 U	<1.7 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	<2.5 U	<1.4 U	<2 U	<12 U	<1.6 U	<1.9 U	<1.7 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	<0.25 U	<0.14 U	<0.2 U	<1.2 UJ	<0.16 U	<0.19 U	<0.17 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	<7.4 U	--	--	<5.4 U	<6 U	<5 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	--	<7.4 U	--	--	<5.4 U	<6 U	<5 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	<5 U	<2.8 U	<4 U	28 J+	<3.2 U	<3.8 U	<3.4 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	<2.5 U	<1.4 U	<2 U	<12 UJ	<1.6 U	<1.9 U	<1.7 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	<2.5 U	<1.4 U	<2 U	<12 UJ	<1.6 U	<1.9 U	<1.7 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	<0.37 U	--	--	<0.27 U	<0.3 U	<0.25 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	--	<0.37 U	--	--	<0.27 U	<0.3 U	<0.25 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	<0.25 U	<0.14 U	<0.2 U	<1.2 U	<0.16 U	0.21 J	<0.17 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	<0.25 U	<0.14 U	<0.2 U	1.4 J	<0.16 U	0.38 J	<0.17 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	<0.25 U	<0.14 U	<0.2 U	<1.2 UJ	<0.16 U	<0.19 U	<0.17 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	<0.37 U	--	--	<0.27 U	<0.3 U	<0.25 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	--	<0.37 U	--	--	<0.27 U	<0.3 U	<0.25 U
Deep	Upgradient	MW-8	55f	N	10/22/10	<0.25 U	<0.14 U	<0.2 U	<1.2 U	<0.16 U	<0.19 U	<0.17 U
Deep	Upgradient	MW-8	55g	N	03/23/11	<0.25 U	<0.14 U	<0.2 U	1.4 J	<0.16 U	0.36 J	<0.17 U
Deep	Upgradient	MW-8	55h	N	10/19/11	<0.25 U	<0.14 U	<0.2 U	11 J-	<0.16 U	<0.19 U	<0.17 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	<0.37 U	--	--	<0.27 U	<0.3 U	<0.25 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	--	<0.37 U	--	--	<0.27 U	<0.3 U	<0.25 U

TABLE 2-13
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	MTBE (Methyl tert-butyl ether)	n-Butylbenzene	n-Heptane	Nonanal	n-Propylbenzene	o-Xylene	sec-Butylbenzene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--	--
BCL						13	250	0.2	--	250	1200	250
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.25 U	< 0.14 U	< 0.2 U	4.1 J	< 0.16 U	0.2 J	< 0.17 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.25 U	< 0.14 U	< 0.2 U	< 1.4 UJ	< 0.16 U	0.41 J	< 0.17 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.25 U	< 0.14 U	< 0.2 UJ	< 1.2 UJ	< 0.16 U	< 0.19 U	< 0.17 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	< 0.37 U	--	--	< 0.27 U	< 0.3 U	< 0.25 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	--	< 0.37 U	--	--	< 0.27 U	< 0.3 U	< 0.25 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.25 U	< 0.14 U	< 0.2 U	3.1 J	< 0.16 U	0.26 J	< 0.17 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.25 U	< 0.14 U	< 0.2 U	< 1.3 UJ	< 0.16 U	0.41 J	< 0.17 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.25 U	< 0.14 U	< 0.2 UJ	< 1.2 UJ	< 0.16 U	< 0.19 U	< 0.17 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Trihalomethanes	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						100	--	5	1000	80	100	--
BCL						100	250	5	1000	80	100	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.13 UJ-	< 0.12 UJ-	< 100 UJ-	< 80 UJ-	8405	< 0.08 UJ-	< 0.07 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.1 UJ	< 0.037 UJ	52 J	27 J	230	< 0.1 UJ	< 0.085 UJ
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.079 UJ	< 0.039 UJ	52 J	9.3 J	79	< 0.089 UJ	< 0.08 UJ
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.042 UJ	< 0.11 UJ	< 65 UJ	37 J	25	< 0.081 UJ	< 0.23 UJ
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.042 UJ	< 0.11 UJ	< 65 UJ	< 70 UJ	120	< 0.081 UJ	< 0.23 UJ
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 4.2 UJ	< 11 UJ	11 J	< 7 UJ	73	< 8.1 UJ	< 23 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 4.2 UJ	< 11 UJ	18 J-	< 7 UJ	86.9	< 8.1 UJ	< 23 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	R	< 0.044 U	220 J	90 J	140	0.1 J+	R
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 34 U	< 32 U	48 J	< 34 U	213	< 30 U	< 38 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 34 U	< 32 U	< 40 U	< 34 U	92	< 30 U	< 38 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 17 U	< 16 U	32 J	< 17 U	73	< 15 U	< 19 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 32 U	< 30 U	< 25 U	< 20 U	4442	< 20 U	< 18 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 0.1 U	< 0.037 U	22 J+	3.4 J+	3602	< 0.1 U	< 0.085 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.079 U	< 0.039 U	17 J+	1.8 J+	5201	< 0.089 U	< 0.08 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.042 U	< 0.11 UJ	< 6.5 U	10 J+	4501	0.092 J	< 0.23 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 4.2 U	< 11 U	22 J	< 7 U	4213	< 8.1 U	< 23 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 4.2 U	< 11 U	9.8 J	< 7 U	4323	< 8.1 U	< 23 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.036 UJ	< 0.044 U	39 J	3.8 J	4200	< 0.083 U	< 0.083 UJ
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 6.8 U	< 6.4 U	12 J	< 6.8 U	4410	< 6 U	< 7.6 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 6.8 U	< 6.4 U	12 J	< 6.8 U	4611	< 6 U	< 7.6 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 3.4 U	< 3.2 U	10 J	< 3.4 U	3200	< 3 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 5 U	< 1.8 U	< 8.6 U	< 5 U	67.6	< 5 U	< 4.2 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 4.2 U	< 11 U	< 0.065 U	23 J	86.5	< 8.1 U	< 23 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.036 U	< 0.044 U	5.1 J+	8.2 J+	88.1	< 0.083 U	< 0.083 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 3.4 U	< 3.2 U	< 4 U	3.4 J	105	< 3 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 17 U	< 16 U	< 20 U	< 17 U	127	< 15 U	< 19 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 3.4 U	< 3.2 U	< 4 U	4.7 J	115	< 3 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 6.8 U	< 6.4 U	< 8 U	6.9 J	96.6	< 6 U	< 7.6 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 6.8 U	< 6.4 U	< 8 U	< 6.8 U	93	< 6 U	< 7.6 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 6.8 U	< 6.4 U	< 8 U	< 6.8 U	87	< 6 U	< 7.6 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.079 UJ	< 0.039 UJ	3.9 J	0.18 J	1801	0.16 J	< 0.08 UJ
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.042 U	< 0.11 UJ	3.9 J+	0.33 J+	7201	< 0.081 UJ	< 0.23 U
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 4.2 U	< 11 U	< 6.5 U	< 7 U	17013	< 8.1 U	< 23 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.042 U	< 0.11 UJ	13 J	0.44 J+	21001	0.14 J+	< 0.23 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.036 U	< 0.044 U	13 J+	0.82 J+	31001	0.12 J+	< 0.083 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 17 U	< 16 U	< 20 U	< 17 U	25030	< 15 U	< 19 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 17 U	< 16 U	< 20 U	< 17 U	28027	< 15 U	< 19 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 6.8 U	< 6.4 U	< 8 U	< 6.8 U	27000	< 6 U	< 7.6 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.079 U	< 0.039 UJ	5.1	6.2	< 0.3 U	< 0.089 U	< 0.08 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 0.042 UJ	< 0.11 UJ	31 J	< 70 U	11	< 0.081 UJ	< 0.23 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 4.2 UJ	< 11 UJ	7.1 J-	< 7 UJ	19.4	< 8.1 UJ	< 23 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 8.4 U	< 22 U	< 13 U	< 14 U	52.5 U	< 16 U	< 45 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 3.6 UJ	< 4.4 UJ	< 8.8 UJ	7.8 J-	< 13.8	< 8.3 UJ	< 8.3 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 34 U	< 32 U	< 40 U	< 34 U	69	< 30 U	< 38 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.7 U	< 1.6 U	8.3 J	< 1.7 U	3603	< 1.5 U	< 1.9 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 17 UJ	< 16 UJ	< 20 UJ	< 17 UJ	35	< 15 UJ	< 19 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Trihalomethanes	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						100	--	5	1000	80	100	--
BCL						100	250	5	1000	80	100	--
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.042 U	< 0.11 U	< 0.065 U	< 0.07 U	5.8	< 0.081 U	< 0.23 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.036 U	< 0.044 U	< 0.088 U	< 0.062 U	3.7	< 0.083 U	< 0.083 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	7.8	< 0.15 U	< 0.19 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	8.27	< 0.15 U	< 0.19 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	6.8	< 0.15 U	< 0.19 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	190 J	180 J	< 100 U	< 80 U	< 205 U	< 80 U	< 70 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 0.1 UJ	< 0.037 UJ	25 J	1.6 J	7.7	< 0.1 UJ	< 0.085 UJ
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.079 U	< 0.039 U	15	0.77 J	< 0.3 U	< 0.089 U	< 0.08 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.042 UJ	< 0.11 UJ	32 J	2.1 J	< 0.3 U	< 0.081 UJ	< 0.23 UJ
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 4.2 U	< 11 U	13 J	< 7 U	15.9 U	< 8.1 U	< 23 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 4.2 U	< 11 U	10 J	< 7 U	26.3 U	< 8.1 U	< 23 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.036 UJ	< 0.044 U	26 J	1.4 J	< 0.17	< 0.083 U	< 0.083 UJ
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 6.8 U	< 6.4 U	11 J	< 6.8 U	13.8	< 6 U	< 7.6 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.68 U	< 0.64 U	9.5	0.68 J	1.38	< 0.6 U	< 0.76 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 6.8 U	< 6.4 U	< 8 U	< 6.8 U	14	< 6 U	< 7.6 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.13 U	< 0.12 U	0.35 J	34	1.6	< 0.08 U	< 0.07 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.13 U	< 0.12 U	0.33 J	27	1.4	< 0.08 U	< 0.07 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.1 U	< 0.037 U	< 0.17 U	< 0.1 U	0.4	< 0.1 U	< 0.085 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.079 U	< 0.039 U	0.95 J	0.067 J	0.4	< 0.089 U	< 0.08 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.079 U	< 0.039 U	0.85 J	0.073 J	0.5	< 0.089 U	< 0.08 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.042 U	< 0.11 U	1 J+	0.092 J+	0.4	< 0.081 U	< 0.23 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.042 UJ	< 0.11 UJ	0.27 J	< 0.07 UJ	0.33	< 0.081 UJ	< 0.23 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.042 U	< 0.11 U	0.61 J	< 0.07 U	0.44	< 0.081 U	< 0.23 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.036 U	< 0.044 U	0.57 J+	< 0.062 UJ	0.32	< 0.083 U	< 0.083 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 0.85 U	< 0.8 U	< 1 U	< 0.85 U	1.7	< 0.75 U	< 0.95 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 0.85 U	< 0.8 U	< 1 U	< 0.85 U	1.73	< 0.75 U	< 0.95 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.17 U	< 0.16 U	0.87 J	< 0.17 U	0.74	< 0.15 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.13 U	< 0.12 U	0.35 J	76	8.3	< 0.08 U	< 0.07 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.1 UJ	< 0.037 UJ	< 0.17 UJ	< 0.1 UJ	1	< 0.1 UJ	< 0.085 UJ
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.079 U	< 0.039 U	0.95 J+	< 0.029 U	< 0.3 U	< 0.089 U	< 0.08 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.042 UJ	< 0.11 UJ	1.2 J	0.084 J	0.8	< 0.081 UJ	< 0.23 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.042 U	< 0.11 U	0.51 J	< 0.07 U	1.2	< 0.081 U	< 0.23 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.042 UJ	< 0.11 UJ	0.73 J-	< 0.07 UJ	3.4	< 0.081 UJ	< 0.23 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.036 UJ	< 0.044 UJ	0.5 J-	< 0.062 UJ	0.78	< 0.083 UJ	< 0.083 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.17 U	< 0.16 U	0.56 J	< 0.17 U	1.7	< 0.15 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.17 U	< 0.16 U	0.69 J	< 0.17 U	5.17	< 0.15 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.17 U	< 0.16 U	0.46 J	< 0.17 U	3.7	< 0.15 U	< 0.19 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 65 U	< 60 U	< 50 U	< 40 U	16085	< 40 U	< 35 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.1 UJ	< 0.037 UJ	750 J	25 J	6201	< 0.1 UJ	< 0.085 UJ
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.079 U	< 0.039 U	290	13	1401	< 0.089 U	< 0.08 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.079 U	< 0.039 U	290	13	1301	0.12	< 0.08 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.042 UJ	< 0.11 UJ	83 J+	27 J-	3102	< 0.081 UJ	< 0.23 UJ
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.042 UJ	< 0.11 UJ	96 J+	32 J	4002	0.094 J-	< 0.23 UJ
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 21 U	< 56 U	110 J	< 35 U	1163	< 40 U	< 110 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.042 UJ	< 0.11 UJ	1000 J	48 J	740	< 0.081 UJ	< 0.23 UJ
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.042 UJ	< 0.11 U	1600 J	68 J	800	0.11 J+	< 0.23 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Trihalomethanes	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						100	--	5	1000	80	100	--
BCL						100	250	5	1000	80	100	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	R	< 0.044 U	2200 J	160 J	480	0.1 J+	R
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 34 U	< 32 U	80 J	< 34 U	383	< 30 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 34 U	< 32 U	90 J	< 34 U	453	< 30 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 34 U	< 32 U	83 J	< 34 U	433	< 30 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 34 U	< 32 U	77 J	< 34 U	553	< 30 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 34 U	< 32 U	< 40 U	< 34 U	370	< 30 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 34 UJ	< 32 UJ	68 J-	< 34 UJ	380	< 30 UJ	< 38 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.13 UJ-	< 0.12 UJ-	< 200 UJ-	< 160 UJ-	210	< 0.08 UJ-	< 0.07 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.1 UJ	< 0.037 UJ	15 J-	4.3 J-	43	0.21 J-	< 0.085 UJ
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.079 UJ	< 0.039 UJ	1.9 J	1.1 J	70	0.24 J	< 0.08 UJ
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.042 UJ	< 0.11 UJ	4.5 J	2.2 J	44	0.12 J	< 0.23 UJ
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 2.1 U	< 5.6 U	< 3.2 U	< 3.5 U	47.4	< 4 U	< 11 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.042 UJ	< 0.11 UJ	1.7 J-	1.5 J-	17.2	0.17 J-	< 0.23 UJ
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.042 UJ	< 0.11 UJ	1.8 J-	1.7 J-	16.2	0.22 J-	< 0.23 UJ
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.036 U	< 0.044 U	4.2 J+	3.5 J+	29.1	0.18 J+	< 0.083 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 17 U	< 16 U	< 20 U	< 17 U	59.5	< 15 U	< 19 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 0.85 U	< 0.8 U	< 1 U	4.1 J	29.3	< 0.75 U	< 0.95 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 17 U	< 16 U	< 20 U	< 17 U	35	< 15 U	< 19 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.13 UJ-	< 0.12 UJ-	0.39 J-	4.7 J-	10	< 0.08 UJ-	< 0.07 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 0.1 UJ	< 0.037 UJ	< 0.17 UJ	0.16 J-	0.7	< 0.1 UJ	< 0.085 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.079 U	< 0.039 U	< 0.14 U	0.19	< 0.3 U	< 0.089 U	< 0.08 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 0.042 U	< 0.11 U	< 0.065 U	0.26 J+	< 0.3 U	< 0.081 U	< 0.23 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.042 UJ	< 0.11 UJ	< 0.065 UJ	< 0.1 UJ	0.26 UJ	< 0.081 UJ	< 0.23 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.042 UJ	< 0.11 UJ	< 0.065 UJ	0.12 J-	0.26 U	< 0.081 UJ	< 0.23 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.036 U	< 0.044 U	< 0.088 U	0.19 J	0.47	< 0.083 U	< 0.083 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 0.68 U	< 0.64 U	< 0.8 U	< 0.68 U	1.4	< 0.6 U	< 0.76 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.17 U	< 0.16 U	< 0.2 U	0.18 J	0.58	< 0.15 U	< 0.19 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.34 U	< 0.32 U	< 0.4 U	< 0.34 U	0.69	< 0.3 U	< 0.38 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.079 U	< 0.039 U	7.6	0.072	1.1	< 0.089 U	< 0.08 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.042 U	< 0.11 U	11 J-	< 0.07 U	1.1	< 0.081 U	< 0.23 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.42 U	< 1.1 U	9.9 J	< 0.7 U	2.4	< 0.81 U	< 2.3 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.42 U	< 1.1 U	9.7 J	< 0.7 U	2.5	< 0.81 U	< 2.3 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.042 UJ	< 0.11 UJ	5.6 J	< 0.07 UJ	0.93	< 0.081 UJ	< 0.23 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.036 U	< 0.044 U	3.5	< 0.062 U	0.44	< 0.083 U	< 0.083 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 0.68 U	< 0.64 U	5.9	< 0.68 U	1.7	< 0.6 U	< 0.76 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 0.85 U	< 0.8 U	3.9 J	< 0.85 U	1.73	< 0.75 U	< 0.95 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 0.68 U	< 0.64 U	3.7 J	< 0.68 U	1.4	< 0.6 U	< 0.76 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.079 U	< 0.039 U	< 0.14 U	0.62	< 0.3 U	0.15	< 0.08 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.042 UJ	< 0.11 UJ	< 0.065 UJ	0.85 J	< 0.3 U	0.098 J	< 0.23 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.042 UJ	< 0.11 UJ	< 0.065 UJ	< 0.39 UJ	0.26 UJ	0.18 J	< 0.23 UJ
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.042 U	< 0.11 U	< 0.065 U	0.49 J	0.26 U	0.15 J	< 0.23 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.036 U	< 0.044 U	< 0.088 U	0.65 J+	< 0.17	0.13 J+	< 0.083 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.34 U	< 0.32 U	< 0.4 U	0.44 J	1.4	< 0.3 U	< 0.38 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 0.85 U	< 0.8 U	< 1 U	< 0.85 U	1.73	< 0.75 U	< 0.95 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 0.68 U	< 0.64 U	< 0.8 U	< 0.68 U	1.4	< 0.6 U	< 0.76 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.079 U	< 0.039 U	0.15	< 0.029 U	1.6	< 0.089 U	< 0.08 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Trihalomethanes	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						100	--	5	1000	80	100	--
BCL						100	250	5	1000	80	100	--
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.042 U	< 0.11 U	< 0.065 U	< 0.07 U	1.3	< 0.081 U	< 0.23 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.042 U	< 0.11 U	0.13 J	< 0.07 U	1.6	< 0.081 U	< 0.23 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.042 U	< 0.11 U	0.13 J	< 0.07 U	1.6	< 0.081 U	< 0.23 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.042 U	< 0.11 U	0.13 J	< 0.07 U	1.7	< 0.081 U	< 0.23 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.036 U	< 0.044 U	< 0.088 U	< 0.062 U	1.4	< 0.083 U	< 0.083 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	1.2	< 0.15 U	< 0.19 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	2.17	< 0.15 U	< 0.19 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	1.8	< 0.15 U	< 0.19 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 80 U	< 88 U	< 130 U	< 140 U	65220	< 120 U	< 130 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 40 U	< 44 U	< 64 U	< 72 U	69220	< 60 U	< 64 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 68 U	< 64 U	< 80 U	< 68 U	39110	< 60 U	< 76 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 170 U	< 160 U	< 200 U	< 170 U	61265	< 150 U	< 190 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 68 U	< 64 U	< 80 U	< 68 U	150000	< 60 U	< 76 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 80 U	< 88 U	< 130 U	< 140 U	< 285 U	< 120 U	< 130 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 20 U	< 22 U	53	< 36 U	187	< 30 U	< 32 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 20 U	< 22 U	60	< 36 U	163	< 30 U	< 32 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 68 U	< 64 U	< 80 U	< 68 U	138	< 60 U	< 76 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 170 U	< 160 U	< 200 U	< 170 U	345	< 150 U	< 190 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 68 U	< 64 U	< 80 U	< 68 U	140	< 60 U	< 76 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 4.2 UJ	< 11 UJ	< 6.5 UJ	< 7 UJ	33013	< 8.1 UJ	< 23 UJ
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 3.6 U	< 4.4 U	19 J	7.6 J	54009	< 8.3 U	< 8.3 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 68 U	< 64 U	< 80 U	< 68 U	61110	< 60 U	< 76 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 340 U	< 320 U	< 400 U	< 340 U	62530	< 300 U	< 380 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 85 U	< 80 U	< 100 U	< 85 U	55000	< 75 U	< 95 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 1 U	< 1.1 U	2	5.9	86.8	< 1.5 U	< 1.6 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 2 U	< 2.2 U	< 3.2 U	7.9	75	< 3 U	< 3.2 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.7 U	< 1.6 U	< 2 U	< 1.7 U	8.7	< 1.5 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.7 U	< 1.6 U	< 2 U	< 1.7 U	19.7	< 1.5 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.17 U	< 0.16 U	0.53 J	0.76 J	11	< 0.15 U	< 0.19 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 4 U	< 4.4 U	< 6.4 U	< 7.2 U	42	< 6 U	< 6.4 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 4 U	< 4.4 U	< 6.4 U	< 7.2 U	64	< 6 U	< 6.4 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 3.4 U	< 3.2 U	< 4 U	3.4 J	43.3	< 3 U	< 3.8 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.7 U	< 1.6 U	< 2 U	4.4 J	28.7	< 1.5 U	< 1.9 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 1.7 U	< 1.6 U	< 2 U	5.4 J	26	< 1.5 U	< 1.9 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.2 U	< 0.22 U	< 0.32 U	< 0.36 U	< 0.72 U	< 0.3 U	< 0.32 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.2 U	< 0.22 U	< 0.32 U	1.1	< 1.43	< 0.3 U	< 0.32 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.17 U	< 0.16 U	< 0.2 U	0.51 J	0.35	< 0.15 U	< 0.19 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	0.35	< 0.15 U	< 0.19 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	1.3	< 0.15 U	< 0.19 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.2 U	< 0.22 U	< 0.32 U	0.44	< 0.72 U	< 0.3 U	< 0.32 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.2 U	< 0.22 U	< 0.32 U	< 0.36 U	< 1.43	< 0.3 U	< 0.32 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.17 U	< 0.16 U	< 0.2 U	0.44 J	0.35	< 0.15 U	< 0.19 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	0.44	< 0.15 U	< 0.19 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	0.74	< 0.15 U	< 0.19 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.2 U	< 0.22 U	< 0.32 U	0.41	< 0.72 U	< 0.3 U	< 0.32 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.2 U	< 0.22 U	< 0.32 U	1.5	2.33	< 0.3 U	< 0.32 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Styrene	tert-Butylbenzene	Tetrachloroethene	Toluene	Total Trihalomethanes	trans-1,2-Dichloroethene	trans-1,3-Dichloropropene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						100	--	5	1000	80	100	--
BCL						100	250	5	1000	80	100	--
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.17 U	< 0.16 U	< 0.2 U	0.51 J	0.35	< 0.15 U	< 0.19 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	0.35	< 0.15 U	< 0.19 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	0.35	< 0.15 U	< 0.19 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.2 U	< 0.22 U	< 0.32 U	0.36	< 0.72 U	< 0.3 U	< 0.32 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.2 U	< 0.22 U	< 0.32 U	2	< 1.43	< 0.3 U	< 0.32 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.17 U	< 0.16 U	< 0.2 U	0.85 J	0.35	< 0.15 U	< 0.19 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	0.35	< 0.15 U	< 0.19 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.17 U	< 0.16 U	< 0.2 U	< 0.17 U	1.1	< 0.15 U	< 0.19 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Trichloroethene	Trichlorofluoromethane (Freon-11)	Vinyl acetate	Vinyl chloride	Xylenes (total)
Units						µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	--	2	10000
BCL						5	1300	410	2	10000
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	1.1 J-	< 0.07 UJ-	< 0.2 UJ-	2.9 J-	< 0.13 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	1.4 J	< 0.1 UJ	< 0.72 UJ	< 0.044 UJ	2.3 J
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	2.3 J	< 0.1 UJ	< 22 UJ	0.7 J	< 1.6 UJ
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	2 J	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	3.4 J
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	1.9 J	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	4.3 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 9.1 UJ	< 11 UJ	< 23 UJ	< 9.1 UJ	< 22 UJ
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 9.1 UJ	< 11 UJ	< 23 UJ	< 9.1 UJ	< 22 UJ
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	1.8 J+	< 0.041 U	< 0.17 U	< 0.032 U	4 J
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 32 U	< 58 U	< 190 U	< 80 U	< 38 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 32 U	< 58 UJ	< 190 U	< 20 U	< 38 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 16 U	< 29 U	< 94 UJ	< 10 U	< 19 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 32 U	< 18 U	< 50 U	< 18 U	< 32 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	2 J+	< 0.1 U	< 0.72 U	0.71 J+	< 0.3 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	2.2 J+	< 0.1 U	< 22 U	1.1 J+	< 1.6 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	2.1 J	< 0.11 UJ	< 0.23 UJ	0.63 J	0.4 J+
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.1 U	< 11 U	< 23 U	< 9.1 U	< 22 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 9.1 U	< 11 U	< 23 U	< 9.1 U	< 22 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	1.5 J+	< 0.041 U	< 0.17 U	0.79 J+	< 0.11 UJ
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 6.4 U	< 12 U	< 38 U	< 16 U	< 7.6 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 6.4 U	< 12 U	< 38 U	< 4 U	< 7.6 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 3.2 U	< 5.8 U	< 19 UJ	< 2 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 5 U	--	< 36 U	< 2.2 U	< 15 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 9.1 U	< 11 U	< 23 U	< 9.1 U	< 22 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	0.55 J+	< 0.041 U	< 0.17 U	< 0.032 U	< 0.11 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 3.2 U	< 5.8 U	< 19 U	< 8 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 16 U	< 29 U	< 94 U	< 40 U	< 19 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 3.2 U	< 5.8 U	< 19 U	< 2 U	< 3.8 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 6.4 U	< 12 U	< 38 U	< 4 U	< 7.6 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 6.4 U	< 12 U	< 38 UJ	< 4 U	< 7.6 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 6.4 U	< 12 U	< 38 UJ	< 4 U	< 7.6 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.11 UJ	< 0.1 UJ	< 0.22 UJ	0.56 J	< 1.6 UJ
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	0.16 J	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	< 0.22 U
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 9.1 U	< 11 U	< 23 U	< 9.1 U	< 22 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	0.28 J+	< 0.11 U	< 0.23 U	0.7 J+	< 0.22 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	0.24 J+	< 0.041 U	< 0.17 U	0.32 J+	< 0.11 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 16 U	< 29 U	< 94 U	< 40 U	< 19 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 16 U	< 29 U	< 94 U	< 10 U	< 19 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 6.4 U	< 12 U	< 38 UJ	< 4 U	< 7.6 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.11 U	< 0.1 U	< 0.22 U	0.18 J	< 1.6 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	1.3 J	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	3 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 9.1 UJ	< 11 UJ	< 23 UJ	< 9.1 UJ	< 22 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 18 UJ	< 22 U	< 46 U	< 18 U	< 45 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 21 UJ	< 4.1 UJ	< 17 UJ	< 3.2 UJ	< 11 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 32 U	< 58 U	< 190 U	< 80 U	< 38 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.6 U	< 2.9 U	< 9.4 U	< 1 U	< 1.9 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 16 UJ	< 29 UJ	< 94 UJ	< 10 UJ	< 19 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Trichloroethene	Trichlorofluoromethane (Freon-11)	Vinyl acetate	Vinyl chloride	Xylenes (total)
Units						µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	--	2	10000
BCL						5	1300	410	2	10000
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.091 U	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.21 U	< 0.041 U	< 0.17 U	< 0.032 U	< 0.11 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.16 U	< 0.29 U	< 0.94 U	< 0.4 U	< 0.19 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.16 U	< 0.29 U	< 0.94 U	< 0.1 U	< 0.19 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.16 U	< 0.29 U	< 0.94 UJ	< 0.1 U	< 0.19 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 130 U	< 70 U	< 200 U	< 70 U	430 J
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	1.4 J	< 0.1 UJ	< 0.72 UJ	< 0.044 UJ	< 0.3 UJ
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	1.7	< 0.1 U	< 0.22 U	1.6 J	< 1.6 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	1.9 J	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	< 0.22 UJ
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 9.1 U	< 11 U	< 23 U	< 9.1 U	< 22 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 9.1 U	< 11 U	< 23 U	< 9.1 U	< 22 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	2.4 J+	< 0.041 U	< 0.17 U	1.3 J+	< 0.11 UJ
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 6.4 U	< 12 U	< 38 U	< 16 U	< 7.6 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	2.2 J	< 1.2 UJ	< 3.8 U	< 0.4 U	< 0.76 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 6.4 U	< 12 U	< 38 UJ	< 4 U	< 7.6 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.13 U	< 0.07 U	< 0.2 U	< 0.07 U	< 0.13 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.13 U	< 0.07 U	< 0.2 U	< 0.07 U	< 0.13 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	1.5	< 0.1 U	< 0.72 U	< 0.044 U	< 0.3 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	1.4	< 0.1 U	< 0.22 U	< 0.13 U	< 1.6 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	1.4	< 0.1 U	< 0.22 U	< 0.13 U	< 1.6 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	1.2 J+	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	0.96 J-	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	< 0.22 UJ
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	1.1	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	1.2 J+	< 0.041 U	< 0.17 U	< 0.032 U	< 0.11 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	0.91 J	< 1.4 U	< 4.7 U	< 2 U	< 0.95 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 0.8 U	< 1.4 U	< 4.7 U	< 0.5 U	< 0.95 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	1.3	< 0.29 U	< 0.94 UJ	< 0.1 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.13 U	< 0.07 U	< 0.2 U	< 0.07 U	< 0.13 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	0.39 J	< 0.1 UJ	< 0.72 UJ	< 0.044 UJ	< 0.3 UJ
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	0.34 J-	< 0.1 U	< 0.22 UJ	< 0.13 U	< 1.6 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	0.44 J	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	< 0.22 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	0.33 J	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	0.45 J-	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	< 0.22 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	0.3 J-	< 0.041 UJ	< 0.17 UJ	< 0.032 UJ	< 0.11 UJ
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	0.27 J	< 0.29 U	< 0.94 U	< 0.4 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	0.37 J	< 0.29 U	< 0.94 U	< 0.1 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.16 U	< 0.29 U	< 0.94 UJ	< 0.1 U	< 0.19 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 65 U	< 35 U	< 100 U	< 35 U	< 65 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	5.7 J	< 0.1 UJ	< 0.72 UJ	0.71 J	1.3 J
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	11	< 0.1 U	< 0.22 U	0.55	< 1.6 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	11	< 0.1 U	< 0.22 U	1.2	< 1.6 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	4.2 J-	< 0.11 UJ	< 0.23 UJ	0.75 J-	1.3 J-
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	3.9 J-	< 0.11 UJ	< 0.23 UJ	0.92 J-	1.4 J
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 46 U	< 54 U	< 120 U	< 46 U	< 110 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	11 J	< 0.11 UJ	< 0.23 UJ	0.71 J	2.9 J
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	9.7 J+	< 0.11 U	< 0.23 U	0.94 J+	3.9 J

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Trichloroethene	Trichlorofluoromethane (Freon-11)	Vinyl acetate	Vinyl chloride	Xylenes (total)
Units						µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	--	2	10000
BCL						5	1300	410	2	10000
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	12 J+	< 0.041 U	< 0.17 U	0.46 J+	8.8 J
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 32 U	< 58 U	< 190 U	< 80 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 32 U	< 58 U	< 190 U	< 80 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 32 U	< 58 UJ	< 190 U	< 20 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 32 U	< 58 UJ	< 190 U	< 20 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 32 U	< 58 U	< 190 UJ	< 20 U	< 38 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 32 UJ	< 58 UJ	< 190 UJ	< 20 UJ	< 38 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	5.1 J-	< 0.07 UJ-	< 0.2 UJ-	< 0.07 UJ-	< 0.13 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	23 J-	< 0.1 UJ	< 0.72 UJ	0.32 J-	< 0.3 UJ
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	22 J	< 0.1 UJ	< 0.22 UJ	0.21 J	< 1.6 UJ
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	11 J	< 0.11 UJ	< 0.23 UJ	0.2 J	< 0.22 UJ
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	10 J	< 5.4 U	< 12 U	< 4.6 U	< 11 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	13 J-	< 11 U	< 0.23 UJ	0.24 J-	< 0.22 UJ
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	14 J-	< 11 U	< 0.23 UJ	0.27 J-	< 0.22 UJ
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	15 J+	< 0.041 U	< 0.17 U	0.25 J+	0.11 J+
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	17 J	< 29 U	< 94 U	< 40 U	< 19 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	34	< 1.4 UJ	< 4.7 U	< 0.5 U	< 0.95 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	33 J	< 29 U	< 94 UJ	< 10 U	< 19 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	39 J-	< 0.07 UJ-	< 0.2 UJ-	0.34 J-	< 0.13 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	29 J-	< 0.1 UJ	< 0.72 UJ	< 0.044 UJ	< 0.3 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	6.8	< 0.1 U	< 0.22 U	< 0.13 U	< 1.6 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	5.8 J+	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	4.4 J-	< 0.11 UJ	< 0.23 UJ	< 0.091 UJ	< 0.22 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	5.4 J-	< 0.11 UJ	< 0.23 UJ	0.095 J-	< 0.22 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	4.8	< 0.041 U	< 0.17 U	0.079 J	< 0.11 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	3.2 J	< 1.2 U	< 3.8 U	< 1.6 U	< 0.76 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	3.6	< 0.29 U	< 0.94 U	< 0.1 U	0.34 J
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	3.8	< 0.58 U	< 1.9 UJ	< 0.2 U	< 0.38 U
Shallow	Downgradient	H-28	55a	N	01/26/09	5.8	< 0.1 U	< 0.22 U	< 0.13 U	< 1.6 U
Shallow	Downgradient	H-28	55b	N	04/22/09	6.6 J+	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Downgradient	H-28	55c	N	07/22/09	5.2 J	< 1.1 U	< 2.3 U	< 0.91 U	< 2.2 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	5.2 J	< 1.1 U	< 2.3 U	< 0.91 U	< 2.2 U
Shallow	Downgradient	H-28	55d	N	10/20/09	5.1 J-	< 2.2 U	< 0.23 UJ	< 0.091 UJ	< 0.22 UJ
Shallow	Downgradient	H-28	55e	N	04/21/10	2.9	< 0.041 U	< 0.17 U	< 0.032 U	< 0.11 U
Shallow	Downgradient	H-28	55f	N	10/26/10	5.9	< 1.2 U	< 3.8 U	< 1.6 U	< 0.76 U
Shallow	Downgradient	H-28	55g	N	03/24/11	4.7 J	< 1.4 U	< 4.7 U	< 0.5 U	< 0.95 U
Shallow	Downgradient	H-28	55h	N	10/20/11	6.2	< 1.2 U	< 3.8 UJ	< 0.4 U	< 0.76 U
Shallow	Downgradient	H-43	55a	N	01/27/09	110	< 0.1 U	< 0.22 U	0.54	< 1.6 U
Shallow	Downgradient	H-43	55b	N	04/21/09	63	< 0.11 UJ	< 0.23 UJ	0.42 J	< 0.22 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	82 J	< 0.11 UJ	< 0.23 UJ	0.66 J	< 0.22 UJ
Shallow	Downgradient	H-43	55d	N	10/23/09	97 J	< 0.11 U	< 0.23 U	0.5 J	< 0.22 U
Shallow	Downgradient	H-43	55e	N	05/11/10	120	< 0.041 U	< 0.17 U	< 0.032 U	< 0.11 U
Shallow	Downgradient	H-43	55f	N	10/26/10	56	< 0.58 U	< 1.9 U	< 0.8 U	< 0.38 U
Shallow	Downgradient	H-43	55g	N	03/24/11	69	< 1.4 UJ	< 4.7 U	< 0.5 U	< 0.95 U
Shallow	Downgradient	H-43	55h	N	10/20/11	61	< 1.2 U	< 3.8 UJ	< 0.4 U	< 0.76 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.11 U	< 0.1 U	< 0.22 U	< 0.13 U	< 1.6 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Trichloroethene	Trichlorofluoromethane (Freon-11)	Vinyl acetate	Vinyl chloride	Xylenes (total)
Units						µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	--	2	10000
BCL						5	1300	410	2	10000
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.091 U	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.091 U	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.091 U	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.091 U	< 0.11 U	< 0.23 U	< 0.091 U	< 0.22 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.21 U	< 0.041 U	< 0.17 U	< 0.032 U	< 0.11 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.16 U	< 0.29 U	< 0.94 U	< 0.4 U	< 0.19 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.16 U	< 0.29 U	< 0.94 U	< 0.1 U	< 0.19 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.16 U	< 0.29 U	< 0.94 UJ	< 0.1 U	< 0.19 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 100 U	< 140 U	--	< 160 U	< 360 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 52 U	< 68 U	--	< 80 U	--
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 64 U	< 120 U	< 380 U	< 160 U	< 76 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 160 U	< 290 U	< 940 U	< 100 U	< 190 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 64 U	< 120 U	< 380 UJ	< 40 U	< 76 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 100 U	< 140 U	--	< 160 U	< 360 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 26 U	< 34 U	--	< 40 U	--
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 26 U	< 34 U	--	< 40 U	--
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 64 U	< 120 U	< 380 U	< 160 U	< 76 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 160 U	< 290 U	< 940 U	< 100 U	< 190 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 64 U	< 120 U	< 380 UJ	< 40 U	< 76 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	16 J-	< 11 UJ	< 23 UJ	< 9.1 UJ	< 22 UJ
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 21 U	< 4.1 U	< 17 U	< 3.2 U	< 11 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 64 U	< 120 U	< 380 U	< 160 U	< 76 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 320 U	< 580 U	< 1900 U	< 200 U	< 380 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 80 U	< 150 U	< 470 UJ	< 50 U	< 95 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	4.3	< 1.7 U	--	< 2 U	< 4.5 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	5.3	< 3.4 U	--	< 4 U	--
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	3.5 J	< 2.9 U	< 9.4 U	< 4 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	5.1 J	< 2.9 U	< 9.4 U	< 1 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	7.1	< 0.29 U	< 0.94 UJ	1.1	< 0.19 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 5.2 U	< 6.8 U	--	< 8 U	< 18 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 5.2 U	< 6.8 U	--	< 8 U	--
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 3.2 U	< 5.8 U	< 19 U	< 8 U	< 3.8 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	3.2 J	< 2.9 U	< 9.4 U	< 1 U	< 1.9 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	5.2 J	< 2.9 U	< 9.4 UJ	3.3 J	< 1.9 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.26 U	< 0.34 U	--	< 0.4 U	< 0.9 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	1.9	< 0.34 U	--	< 0.4 U	--
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	0.68 J	< 0.29 U	< 0.94 U	< 0.4 U	0.67 J
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.16 U	< 0.29 UJ	< 0.94 U	< 0.1 U	0.38 J
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.16 U	< 0.29 U	< 0.94 UJ	< 0.1 U	< 0.19 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	0.32	< 0.34 U	--	< 0.4 U	< 0.9 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	2.2	< 0.34 U	--	< 0.4 U	--
Deep	Upgradient	MW-8	55f	N	10/22/10	0.96 J	< 0.29 U	< 0.94 U	< 0.4 U	< 0.19 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.16 U	< 0.29 UJ	< 0.94 U	< 0.1 U	0.36 J
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.16 U	< 0.29 U	< 0.94 UJ	< 0.1 U	< 0.19 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.26 U	< 0.34 U	--	< 0.4 U	< 0.9 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	3	< 0.34 U	--	< 0.4 U	--

TABLE 2-13
VOLATILE ORGANIC COMPOUND (VOC) RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 60 of 60)

Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Trichloroethene	Trichlorofluoromethane (Freon-11)	Vinyl acetate	Vinyl chloride	Xylenes (total)
Units						µg/L	µg/L	µg/L	µg/L	µg/L
MCL						5	--	--	2	10000
BCL						5	1300	410	2	10000
Deep	Downgradient	TR-11	55f	N	10/21/10	0.85 J	< 0.29 U	< 0.94 U	< 0.4 U	0.62 J
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.16 U	< 0.29 UJ	< 0.94 U	< 0.1 U	0.75 J
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.16 U	< 0.29 U	< 0.94 UJ	< 0.1 U	< 0.19 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.26 U	< 0.34 U	--	< 0.4 U	< 0.9 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	4	< 0.34 U	--	< 0.4 U	--
Deep	Downgradient	TR-12	55f	N	10/21/10	0.8 J	< 0.29 U	< 0.94 U	< 0.4 U	0.77 J
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.16 U	< 0.29 UJ	< 0.94 U	< 0.1 U	0.78 J
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.16 U	< 0.29 U	< 0.94 UJ	< 0.1 U	< 0.19 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 55)

Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2,4,5-Tetrachloro-benzene	1,2-Diphenylhydrazine	1,4-Dioxane	2,2'-Dichlorobenzil	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						11	0.084	0.67	11	3700	6.1
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	2.3 J	--	--	< 10 U	< 2.4 U	< 2.4 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	1.8 J	< 1 U	4.7 J	< 50 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 20 U	< 20 U	< 9.8 U	< 32 U	< 9.8 U	< 20 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 76 U	< 76 U	< 38 U	< 126 U	< 38 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 76 U	< 76 U	< 38 U	< 126 U	< 38 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 177 U	< 177 U	< 177 U	< 177 U	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 75.5 U	< 75.5 U	< 37.7 U	< 125 U	< 37.7 U	< 75.5 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 194 U	< 194 U	< 97.1 U	< 320 U	< 97.1 U	< 194 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 189 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 18.9 U	< 18.9 U	< 9.43 U	< 31.1 U	< 9.43 U	< 18.9 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	7.57 J	< 1.89 U	4.96 J	< 3.11 U	4.29 J	3.31 J
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 0.4 U	--	--	< 10 U	< 1.4 U	2.5 J
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1 U	< 1 U	< 2 U	< 9.5 U	< 2 U	5.2 J
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 1.9 U	< 1.9 U	< 0.97 U	< 3.2 U	< 0.97 U	6.96 J
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 1.8 U	< 1.8 U	1.23 J	< 3 U	3.66 J	< 1.8 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	1.34 J	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 20 U	< 20 U	< 10 U	< 33 U	< 10 U	< 20 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 1.89 U	< 1.89 U	1.03 J	< 3.11 U	3.96 J	< 1.89 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 2 U	< 2 U	1.1 J	< 3.3 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	4.53 J	< 2 U	< 1 U	11.4	< 1 U	4.26 J
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 1.92 U	< 1.92 U	1.22 J	< 3.17 U	< 0.962 U	6.29 J
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1 U	< 1 U	< 2 U	< 10 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 171 U	< 171 U	< 85.5 U	< 282 U	< 85.5 U	< 171 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 189 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.92 UJ	< 1.92 UJ	< 0.962 UJ	< 3.17 UJ	< 0.962 U	< 1.92 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 196 U	< 196 U	< 98 U	< 324 U	< 98 U	< 196 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 19 U	< 19 U	< 9.5 U	< 31 U	< 9.5 U	20.3 J
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 1.92 U	< 1.92 U	1.36 J+	< 3.17 U	< 0.962 U	13.6
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 1.89 U	< 1.89 U	1.09 J	< 3.11 U	< 0.943 U	11.8
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 9.43 U	< 31.1 U	< 9.43 U	< 18.9 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 2.02 U	< 2.02 U	< 1.01 U	< 3.33 U	< 1.01 U	11.6
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 192 U	< 192 U	< 96.2 U	< 317 U	< 96.2 U	< 192 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	28.5 J	< 19 U	< 9.5 U	< 31 U	< 9.5 U	< 19 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	82.4 J	< 385 U	< 385 U	< 385 U	< 385 U	< 385 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 38.1 U	< 38.1 U	< 19 U	< 62.9 U	< 19 U	< 38.1 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 194 U	< 194 U	< 97.1 U	< 320 U	< 97.1 U	< 194 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 67.8 U	< 67.8 U	< 33.9 U	< 112 U	< 33.9 U	< 67.8 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	4.72 J
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 190 U	< 190 U	< 95.2 U	< 314 U	< 95.2 U	< 190 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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CAMU AREA, CLARK COUNTY, NEVADA
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2,4,5-Tetrachloro-benzene	1,2-Diphenylhydrazine	1,4-Dioxane	2,2'-Dichlorobenzil	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						11	0.084	0.67	11	3700	6.1
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 1.87 U	< 1.87 U	< 0.935 U	< 3.08 U	< 0.935 U	< 1.87 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 0.4 U	--	--	< 10 U	< 1.4 U	24
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1 U	< 1 U	< 2 U	< 10 U	< 2 U	21
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 0.96 U	< 3.2 U	< 0.96 U	34.2
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 1.9 U	< 1.9 U	< 0.94 U	< 3.1 U	< 0.94 U	32.5
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 U	< 8.26 U	1.46 J+	< 8.26 U	< 8.26 U	37.2
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 1.9 U	< 1.9 U	1.18 J	< 3.14 U	29.6	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 1.69 U	< 1.69 U	1 J	< 2.8 U	< 0.847 U	25.1
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	1.68 J	29.4
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 2 U	< 2 U	< 1 U	< 3.3 U	1.58 J	32.6
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 1.94 U	< 1.94 U	1.37 J	< 3.2 U	< 0.971 U	33.5
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.4 U	--	--	< 10 U	< 2.4 U	< 2.4 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.4 U	--	--	< 10 U	< 2.4 U	< 2.4 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 1 U	< 2 U	< 13 U	< 2 U	< 2 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 0.96 U	< 3.2 U	< 0.96 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 1.9 U	< 1.9 U	< 0.96 U	< 3.2 U	< 0.96 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 1.6 U	< 1.6 U	< 0.79 U	< 2.6 U	< 0.79 U	< 1.6 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.96 U	< 1.96 U	< 0.98 U	< 3.24 U	< 0.98 U	< 1.96 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.4 U	--	--	< 10 U	< 2.4 U	< 2.4 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 U	< 1 U	< 2 U	< 9.5 U	< 2 U	< 2 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 1.8 U	< 1.8 U	< 0.88 U	< 2.9 U	< 0.88 U	< 1.8 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 1.9 U	< 1.9 U	< 0.95 U	< 3.1 U	< 0.95 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 1.79 U	< 1.79 U	< 0.893 U	< 2.95 U	< 0.893 U	< 1.79 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 1.92 U	< 1.92 U	< 0.962 U	< 3.17 U	< 0.962 U	< 1.92 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 1.69 U	< 1.69 U	< 0.847 U	< 2.8 U	< 0.847 U	< 1.69 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 0.4 U	--	--	< 11 U	3.3 J	5.6 J
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1 U	< 1 U	6.5 J	< 10 U	2.4 J-	5.8 J-
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 1.9 U	< 1.9 U	2.28 J	< 3.1 U	2.79 J	2.61 J
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 7.6 U	< 7.6 U	< 3.8 U	< 13 U	< 3.8 U	< 7.6 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 1.7 U	< 1.7 U	4.5 J	< 2.9 U	3.04 J	4.18 J
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	4.22 J	< 2 U	6.08 J	< 3.2 U	3.53 J	4.01 J
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	< 37.7 U	7.04 J+	< 37.7 U	3.88 J	< 37.7 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 19.2 U	< 19.2 U	< 9.62 U	< 31.7 U	< 9.62 U	< 19.2 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 38.1 U	< 38.1 U	< 19 U	< 62.9 U	< 19 U	< 38.1 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 1.69 U	< 1.69 U	5.78 J	< 2.8 U	< 0.847 U	< 1.69 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 18.9 U	< 18.9 U	< 9.43 U	< 31.1 U	< 9.43 U	< 18.9 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 18.9 U	< 18.9 U	< 9.43 U	< 31.1 U	< 9.43 U	< 18.9 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2,4,5-Tetrachloro-benzene	1,2-Diphenylhydrazine	1,4-Dioxane	2,2'-Dichlorobenzil	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						11	0.084	0.67	11	3700	6.1
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 200 U	< 200 U	< 100 U	< 330 U	< 100 U	< 200 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 189 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 2 UJ	< 2 UJ	5.45 J-	< 3.3 UJ	2.16 J-	< 2 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 1.89 U	< 1.89 U	5.08 J	< 3.11 U	1.77 J	< 1.89 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.4 U	--	--	< 50 U	37	4.5 J
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1 U	< 1 U	< 2 U	< 10 U	2.7 J	< 2 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 2 U	< 2 U	< 1 U	< 3.3 U	1.2 J	< 2 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	3.07 J	< 1.9 U	1.31 J	< 3.2 U	< 0.97 U	< 1.9 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	< 9.43 U	1.61 J+	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 1.89 U	< 1.89 U	< 0.943 UJ	< 3.11 U	1.17 J	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 1.92 U	< 1.92 U	< 0.962 UJ	< 3.17 U	1.16 J	< 1.92 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 1.89 U	< 1.89 U	0.954 J	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 47.2 U	< 47.2 U	< 23.6 U	< 77.8 U	< 23.6 U	< 47.2 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	1.41 J	< 1.89 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.4 U	--	--	< 10 U	< 1.4 U	< 1.5 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1 U	< 1 U	< 2 U	< 10 U	< 2 U	< 2 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 0.94 U	< 3.1 U	< 0.94 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 0.96 U	< 3.2 U	< 0.96 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 95.2 U	< 95.2 U	< 47.6 U	< 157 U	< 47.6 U	< 95.2 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 1.9 U	< 1.9 U	< 0.95 U	< 3.1 U	< 0.95 U	< 1.9 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 0.97 U	< 3.2 U	< 0.97 U	< 1.9 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 1.94 U	< 1.94 U	< 0.971 UJ	< 3.2 U	< 0.971 U	< 1.94 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 2.13 U	< 2.13 U	< 1.06 U	< 3.51 U	< 1.06 U	< 2.13 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 0.95 U	< 3.1 U	< 0.95 U	< 1.9 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 1.9 U	< 1.9 U	< 0.97 U	< 3.2 U	< 0.97 U	< 1.9 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 1.69 U	< 1.69 U	< 0.847 U	< 2.8 U	< 0.847 U	< 1.69 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 1.9 U	< 1.9 U	< 0.95 U	< 3.1 U	< 0.95 U	< 1.9 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.9 U	< 1.9 U	< 0.94 U	< 3.1 U	< 0.94 U	< 1.9 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2,4,5-Tetrachloro-benzene	1,2-Diphenylhydrazine	1,4-Dioxane	2,2'-Dichlorobenzil	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						11	0.084	0.67	11	3700	6.1
Shallow	Downgradient	M7B	55d	N	10/28/09	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 1.98 U	< 1.98 U	< 0.99 U	< 3.27 U	< 0.99 U	< 1.98 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	< 2.4 U	--	--	< 2.9 U	37
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	--	--	--	--	< 2.8 U	31
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 18.9 U	< 18.9 U	14.1 J	< 31.1 U	< 9.43 U	35 J
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 3.77 U	< 3.77 U	9.89 J	< 6.23 U	< 1.89 U	29.3
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 18.9 U	< 18.9 U	37 J	< 31.1 U	< 9.43 U	< 18.9 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	< 2.4 U	--	--	3.5	< 4.3 U
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 1.79 U	< 1.79 U	< 0.893 U	< 2.95 U	5.96 J+	< 1.79 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 9.43 U	< 31.1 U	< 9.43 U	< 18.9 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 9.43 U	< 9.43 U	< 4.72 U	< 15.6 U	< 4.72 U	< 9.43 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 19.4 U	< 19.4 U	< 9.71 U	< 32 U	< 9.71 U	< 19.4 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 200 U	< 200 U	< 100 U	< 330 U	< 100 U	< 200 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 80 U	< 80 U	< 40 U	169 J	< 40 U	< 80 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	339 J	< 189 U	< 94.3 U	599 J	< 94.3 U	< 189 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	6.33 J
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	30 J	< 19.2 U	< 9.62 U	73.9 J	< 9.62 U	< 19.2 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	< 2.4 U	--	--	< 2.8 U	< 4.3 U
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 4 U	< 4 U	< 2 U	< 6.6 U	< 2 U	< 4 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	< 2.4 U	--	--	< 2.9 U	< 4.3 U
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 1.98 U	< 1.98 U	< 0.99 U	< 3.27 U	< 0.99 U	< 1.98 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 4 U	< 4 U	< 2 U	< 6.6 U	< 2 U	< 4 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	< 24 U	--	--	< 28 U	< 42 U
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 40 U	< 40 U	< 20 U	< 66 U	< 20 U	< 40 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 2 U	< 2 UJ	< 1 U	< 3.3 U	< 1 U	< 2 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	< 2.4 U	--	--	< 2.9 U	< 4.4 U
Deep	Upgradient	MW-8	55e	N	05/12/10	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 75.5 U	< 75.5 U	< 37.7 U	< 125 U	< 37.7 U	< 75.5 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 2 U	< 2 UJ	< 1 U	< 3.3 U	< 1 U	< 2 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	< 2.4 U	--	--	< 2.9 U	< 4.3 U
Deep	Downgradient	TR-11	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 189 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 2 U	< 2 UJ	< 1 U	< 3.3 U	< 1 U	< 2 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 1.9 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	< 2.4 U	--	--	< 2.8 U	< 4.2 U

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	1,2,4,5-Tetrachloro-benzene	1,2-Diphenylhydrazine	1,4-Dioxane	2,2'-Dichlorobenzil	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						11	0.084	0.67	11	3700	6.1
Deep	Downgradient	TR-12	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 1.89 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 189 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 2 U	< 2 UJ	< 1 U	< 3.3 U	< 1 U	< 2 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 2 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						110	730	73	0.22	37	2.1
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	12	< 1 U	< 6.7 U	< 4 U	< 3 U	< 1 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	18	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	26.9 J	< 20 U	< 98 U	< 20 U	< 20 U	< 3.4 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 76 U	< 76 U	< 381 U	< 76 U	< 76 U	< 13 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 76 U	< 76 U	< 381 U	< 76 U	< 76 U	< 13 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 177 U	< 354 U	< 177 U	< 177 U	< 17.7 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 75.5 U	< 75.5 U	< 377 U	< 75.5 U	< 75.5 U	< 13.2 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 194 U	< 194 U	< 971 U	< 194 U	< 194 U	< 34 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 189 U	< 189 U	< 943 U	< 189 U	< 189 U	< 33 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	22.3 J	< 18.9 U	< 94.3 U	< 18.9 U	< 18.9 U	< 3.3 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	34.9	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	5 J	< 1.6 U	< 6.7 U	< 1.8 U	< 1.7 U	< 1.8 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	11	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	17	< 1.9 U	< 9.7 U	< 1.9 U	< 1.9 U	< 0.34 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	12.9	< 1.8 U	< 8.9 U	< 1.8 U	< 1.8 U	< 0.31 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	13.1	< 9.71 U	< 19.4 U	< 9.71 U	< 9.71 U	< 0.971 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 20 U	< 20 U	< 100 U	< 20 U	< 20 U	< 3.5 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	12.9	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	17	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	11.4	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	17.1	< 1.92 U	< 9.62 U	< 1.92 U	< 1.92 U	< 0.337 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1 U	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 171 U	< 171 U	< 855 U	< 171 U	< 171 U	< 29.9 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 189 U	< 189 U	< 943 U	< 189 U	< 189 U	< 33 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.92 U	< 1.92 U	< 9.62 U	< 1.92 U	< 1.92 U	< 0.337 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 196 U	< 196 U	< 980 U	< 196 U	< 196 U	< 34.3 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	78.8 J	< 19 U	< 95 U	< 19 U	< 19 U	< 3.3 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	35.8	< 1.92 U	< 9.62 U	< 1.92 U	< 1.92 U	2.83
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	44.2	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	3.03
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	55.9 J	< 18.9 U	< 94.3 U	< 18.9 U	< 18.9 U	< 3.3 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	27	< 2.02 U	< 10.1 U	< 2.02 U	< 2.02 U	< 0.354 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 192 U	< 192 U	< 962 U	< 192 U	< 192 U	< 33.7 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 19 U	< 19 U	< 95 U	< 19 U	< 19 U	< 3.3 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 385 U	< 769 U	< 385 U	< 385 U	< 38.5 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 38.1 U	< 38.1 U	< 190 U	< 38.1 U	< 38.1 U	< 6.67 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 194 U	< 194 U	< 971 U	< 194 U	< 194 U	< 34 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 67.8 U	< 67.8 U	< 339 U	< 67.8 U	< 67.8 U	< 11.9 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	20.8	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 190 U	< 190 U	< 952 U	< 190 U	< 190 U	< 33.3 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						110	730	73	0.22	37	2.1
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 1.87 U	< 1.87 U	< 9.35 U	< 1.87 U	< 1.87 U	< 0.327 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	36	< 1.6 U	< 6.7 U	< 1.8 U	< 1.7 U	< 1.8 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	32	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	65.7	< 1.9 U	< 9.6 U	< 1.9 U	< 1.9 U	2.66
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	54.9	< 1.9 UJ	< 9.4 U	< 1.9 U	< 1.9 U	< 0.33 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	51	< 8.26 U	< 16.5 U	< 8.26 U	< 8.26 U	2.71
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	52.3	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	2.42
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	47.5	< 1.69 U	< 8.47 U	< 1.69 U	< 1.69 U	< 0.297 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	46.4	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	52.4	< 2 U	< 10 U	< 2 U	< 2 U	2.05
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	58.8	< 1.94 U	< 9.71 U	< 1.94 U	< 1.94 U	< 0.34 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.91 U	< 1 UJ-	< 6.7 U	< 4 UJ-	< 3 UJ-	< 1 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.91 U	< 1 UJ-	< 6.7 U	< 4 UJ-	< 3 UJ-	< 1 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 9.6 U	< 1.9 U	< 1.9 U	< 0.34 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 1.9 U	< 1.9 U	< 9.6 U	< 1.9 U	< 1.9 U	< 0.34 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 1.6 U	< 1.6 UJ	< 7.9 U	< 1.6 U	< 1.6 U	< 0.28 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 9.43 U	< 18.9 U	< 9.43 U	< 9.43 U	< 0.943 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.96 U	< 1.96 U	< 9.8 U	< 1.96 U	< 1.96 U	< 0.343 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.91 U	< 1 U	< 6.7 U	< 4 U	< 3 U	< 1 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 U	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 1.8 U	< 1.8 U	< 8.8 U	< 1.8 U	< 1.8 U	< 0.31 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 1.9 U	< 1.9 UJ	< 9.5 U	< 1.9 U	< 1.9 U	< 0.33 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 8.93 U	< 17.9 U	< 8.93 U	< 8.93 U	< 0.893 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 1.79 U	< 1.79 U	< 8.93 U	< 1.79 U	< 1.79 U	< 0.313 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 1.92 U	< 1.92 U	< 9.62 U	< 1.92 U	< 1.92 U	< 0.337 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 1.69 U	< 1.69 U	< 8.47 U	< 1.69 U	< 1.69 U	< 0.297 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	15	< 1.6 U	< 6.7 U	< 1.8 U	< 1.7 U	< 1.8 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	21 J-	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	15.4	< 1.9 U	< 9.5 U	< 1.9 U	< 1.9 U	2.98
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	20 J	< 7.6 U	< 38 U	< 7.6 U	< 7.6 U	< 1.3 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	21.6	< 1.7 U	< 8.7 U	< 1.7 U	< 1.7 U	< 0.3 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	23.2	< 2 U	< 9.8 U	< 2 U	< 2 U	< 0.34 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	15.8 J	< 37.7 U	< 75.5 UJ	< 37.7 U	< 37.7 U	< 3.77 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 19.2 U	< 19.2 U	< 96.2 U	< 19.2 U	< 19.2 U	< 3.37 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 38.1 U	< 38.1 U	< 190 U	< 38.1 U	< 38.1 U	< 6.67 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	16.5	< 1.69 U	< 8.47 U	< 1.69 U	< 1.69 U	< 0.297 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 18.9 U	< 18.9 U	< 94.3 U	< 18.9 U	< 18.9 U	< 3.3 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	19.5 J	< 18.9 U	< 94.3 U	< 18.9 U	< 18.9 U	< 3.3 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						110	730	73	0.22	37	2.1
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 200 U	< 200 U	< 1000 U	< 200 U	< 200 U	< 35 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 189 U	< 189 U	< 943 U	< 189 U	< 189 U	< 33 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	20.1 J-	< 2 UJ	< 10 UJ	< 2 UJ	< 2 UJ	< 0.35 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	17.3	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	220 J-	< 1.6 U	< 6.7 U	< 1.8 U	< 1.7 U	< 1.8 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	8.6 J-	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	3 J	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	2.12 J	< 1.9 U	< 9.7 U	< 1.9 U	< 1.9 U	< 0.34 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	1.92 J	< 9.43 U	< 18.9 U	< 9.43 U	< 9.43 U	< 0.943 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	2.31 J	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	2.37 J	< 1.92 U	< 9.62 U	< 1.92 U	< 1.92 U	< 0.337 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	2 J	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	2.56 J	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 47.2 U	< 47.2 U	< 236 U	< 47.2 U	< 47.2 U	< 8.25 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	3.48 J	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	5.4 J	< 1.6 U	< 6.7 U	< 1.8 U	< 1.7 U	< 1.8 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	1.5 J-	< 1 U	< 10 U	< 1.1 U	< 1.1 U	< 1 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 9.4 U	< 1.9 U	< 1.9 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 9.6 U	< 1.9 U	< 1.9 U	< 0.34 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 9.52 U	< 19 U	< 9.52 U	< 9.52 U	< 0.952 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 95.2 U	< 95.2 U	< 476 U	< 95.2 U	< 95.2 U	< 16.7 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 1.9 U	< 1.9 U	< 9.5 U	< 1.9 U	< 1.9 U	< 0.33 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 9.7 U	< 1.9 U	< 1.9 U	< 0.34 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 9.43 U	< 18.9 UJ	< 9.43 U	< 9.43 U	< 0.943 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 9.43 U	< 18.9 U	< 9.43 U	< 9.43 U	< 0.943 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 1.94 U	< 1.94 U	< 9.71 U	< 1.94 U	< 1.94 U	< 0.34 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 2.13 U	< 2.13 U	< 10.6 U	< 2.13 U	< 2.13 U	< 0.372 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	H-43	55a	N	01/27/09	5.15 J	< 1.9 U	< 9.5 U	< 1.9 U	< 1.9 U	< 0.33 U
Shallow	Downgradient	H-43	55b	N	04/21/09	4.23 J	< 1.9 U	< 9.7 U	< 1.9 U	< 1.9 U	< 0.34 U
Shallow	Downgradient	H-43	55c	N	07/30/09	5.18 J	< 9.62 U	< 19.2 U	< 9.62 U	< 9.62 U	< 0.962 U
Shallow	Downgradient	H-43	55d	N	10/23/09	4.72 J	< 1.69 U	< 8.47 U	< 1.69 U	< 1.69 U	< 0.297 U
Shallow	Downgradient	H-43	55e	N	05/11/10	3.8 J	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	H-43	55f	N	10/26/10	2.94 J	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Downgradient	H-43	55g	N	03/24/11	2.67 J	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	H-43	55h	N	10/20/11	2.54 J	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 1.9 U	< 1.9 U	< 9.5 U	< 1.9 U	< 1.9 U	< 0.33 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.9 U	< 1.9 U	< 9.4 U	< 1.9 U	< 1.9 U	< 0.33 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 9.62 U	< 19.2 U	< 9.62 U	< 9.62 U	< 0.962 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 9.43 U	< 18.9 U	< 9.43 U	< 9.43 U	< 0.943 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						110	730	73	0.22	37	2.1
Shallow	Downgradient	M7B	55d	N	10/28/09	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 1.98 U	< 1.98 U	< 9.9 U	< 1.98 U	< 1.98 U	< 0.347 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	18	< 3.3 U	< 7.6 U	< 3.3 U	< 1.9 U	< 2.9 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	22	< 3.3 U	< 7.5 U	< 3.3 U	< 1.9 U	< 2.8 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	56 J	< 18.9 U	< 94.3 U	< 18.9 U	< 18.9 U	< 3.3 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	26.2	< 3.77 U	< 18.9 U	< 3.77 U	< 3.77 U	< 0.66 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 18.9 U	< 18.9 U	< 94.3 UJ	< 18.9 U	< 18.9 U	< 3.3 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 3.3 U	< 3.3 U	< 7.6 U	< 3.3 U	< 1.9 U	< 2.8 U
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 1.79 U	< 1.79 U	< 8.93 U	< 1.79 U	< 1.79 U	1.43
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 94.3 U	< 18.9 U	< 18.9 U	< 3.3 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 9.43 U	< 9.43 U	< 47.2 U	< 9.43 U	< 9.43 U	< 1.65 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 19.4 U	< 19.4 U	< 97.1 UJ	< 19.4 U	< 19.4 U	< 3.4 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 200 U	< 200 U	< 1000 U	< 200 U	< 200 U	< 35 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 80 U	< 80 U	< 400 U	< 80 U	< 80 U	< 14 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 189 U	< 189 U	< 943 U	< 189 U	< 189 U	< 33 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	16	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	1.54
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 19.2 U	< 19.2 U	< 96.2 UJ	< 19.2 U	< 19.2 U	< 3.37 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 3.3 U	< 3.3 U	< 7.6 U	< 3.3 U	< 1.9 U	< 2.8 U
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	1.93 J	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	0.401 J
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 4 U	< 4 U	< 20 U	< 4 U	< 4 U	< 0.7 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 3.3 U	< 3.3 U	< 7.6 U	< 3.3 U	< 1.9 U	< 2.9 U
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 1.98 U	< 1.98 U	< 9.9 U	< 1.98 U	< 1.98 U	< 0.347 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 4 U	< 4 U	< 20 U	< 4 U	< 4 U	< 0.7 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 33 U	< 33 U	< 75 U	< 33 U	< 19 U	< 28 U
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 40 U	< 40 U	< 200 U	< 40 U	< 40 U	< 7 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 3.4 U	< 3.4 U	< 7.8 U	< 3.4 U	< 1.9 U	< 2.9 U
Deep	Upgradient	MW-8	55e	N	05/12/10	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 75.5 U	< 75.5 U	< 377 U	< 75.5 U	< 75.5 U	< 13.2 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 3.4 U	< 3.4 U	< 7.7 U	< 3.4 U	< 1.9 U	< 2.9 U
Deep	Downgradient	TR-11	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 189 U	< 189 U	< 943 U	< 189 U	< 189 U	< 33 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 1.9 U	< 1.9 U	< 9.52 U	< 1.9 U	< 1.9 U	< 0.333 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 3.3 U	< 3.3 U	< 7.5 U	< 3.3 U	< 1.9 U	< 2.8 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						110	730	73	0.22	37	2.1
Deep	Downgradient	TR-12	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 9.43 U	< 1.89 U	< 1.89 U	< 0.33 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 189 U	< 189 U	< 943 U	< 189 U	< 189 U	< 33 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 2 U	< 2 U	< 10 U	< 2 U	< 2 U	< 0.35 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Chlorophenol	2-Methylnaphthalene	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						66	--	110	--	0.15	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	4 J	< 1.1 U	< 0.71 U	< 1.9 U	< 2.6 U	< 0.85 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	3.9 J	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 20 U	< 2.9 U	< 20 U	< 20 U	< 9.8 U	< 20 UJ
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 76 U	< 11 U	< 76 U	< 76 U	< 38 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 76 U	< 11 U	< 76 U	< 76 U	< 38 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 17.7 U	< 177 U	< 177 U	< 177 U	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 75.5 U	< 11.3 U	< 75.5 U	< 75.5 U	< 37.7 U	< 75.5 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 194 U	< 29.1 U	< 194 U	< 194 U	< 97.1 U	< 194 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 189 U	< 28.3 U	< 189 U	< 189 U	< 94.3 U	< 189 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	25.1 J	< 2.83 U	< 18.9 U	< 18.9 U	< 9.43 U	< 18.9 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	15.9	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	63	< 2.2 U	< 1.7 U	< 1.6 U	< 2.4 U	< 1.7 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	79	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	77.4	< 0.29 U	< 1.9 U	< 1.9 U	< 0.97 U	< 1.9 UJ
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	79.4	< 0.27 U	< 1.8 U	< 1.8 U	< 0.89 U	< 1.8 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	66.1	< 0.971 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	64.4 J	< 3 U	< 20 U	< 20 U	< 10 U	< 20 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	61.8	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	64.6	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	53.4	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	52.2	< 0.288 U	< 1.92 U	< 1.92 U	< 0.962 U	< 1.92 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	4.11 J	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	3.3 J	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 171 U	< 25.6 U	< 171 U	< 171 U	< 85.5 U	< 171 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 189 U	< 28.3 U	< 189 U	< 189 U	< 94.3 U	< 189 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	2.19 J	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.92 U	< 0.288 UJ	< 1.92 UJ	< 1.92 U	< 0.962 UJ	< 1.92 UJ
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	3.56 J	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 196 U	< 29.4 U	< 196 U	< 196 U	< 98 U	< 196 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	23.8 J	< 2.9 U	< 19 U	< 19 U	< 9.5 U	< 19 UJ
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	15.1	< 0.288 U	< 1.92 U	< 1.92 U	< 0.962 U	< 1.92 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	13.9	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	19.2 J	< 2.83 U	< 18.9 U	< 18.9 U	< 9.43 U	< 18.9 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	14.4	< 0.303 U	< 2.02 U	< 2.02 U	< 1.01 U	< 2.02 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 192 U	< 28.8 U	< 192 U	< 192 U	< 96.2 U	< 192 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	21.9 J	3.45 J	< 19 U	< 19 U	< 9.5 U	< 19 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 38.5 U	< 385 U	< 385 U	< 385 U	< 385 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 38.1 U	< 5.71 U	< 38.1 U	< 38.1 U	< 19 U	< 38.1 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 194 U	< 29.1 U	< 194 U	< 194 U	< 97.1 U	< 194 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 67.8 U	< 10.2 U	< 67.8 U	< 67.8 U	< 33.9 U	< 67.8 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	43.2	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 190 U	< 28.6 U	< 190 U	< 190 U	< 95.2 U	< 190 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Chlorophenol	2-Methylnaphthalene	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						66	--	110	--	0.15	--
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 1.87 U	< 0.28 U	< 1.87 U	< 1.87 U	< 0.935 U	< 1.87 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	54	< 2.2 U	< 1.7 U	< 1.6 U	< 2.4 UJ-	< 1.7 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	30	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	35.9	< 0.29 U	< 1.9 U	< 1.9 U	< 0.96 U	< 1.9 UJ
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	43.5	< 0.28 U	< 1.9 U	< 1.9 U	< 0.94 U	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	40	< 0.826 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	37.9	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 UJ
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	31.8	< 0.254 U	< 1.69 U	< 1.69 U	< 0.847 U	< 1.69 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	32.1	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	34.5	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	12.7	< 0.291 U	< 1.94 U	< 1.94 U	< 0.971 U	< 1.94 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	10 J-	< 1.1 U	< 0.71 U	< 1.9 U	< 2.6 U	< 0.85 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	9 J-	< 1.1 U	< 0.71 U	< 1.9 U	< 2.6 U	< 0.85 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.96 U	< 1.9 UJ
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.96 U	< 1.9 UJ
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 1.6 U	< 0.24 U	< 1.6 U	< 1.6 U	< 0.79 U	< 1.6 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 UJ
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.96 U	< 0.294 U	< 1.96 U	< 1.96 U	< 0.98 U	< 1.96 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.92 U	< 1.1 U	< 0.71 U	< 1.9 U	< 2.6 U	< 0.85 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 1.8 U	< 0.27 U	< 1.8 U	< 1.8 U	< 0.88 U	< 1.8 UJ
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.95 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 0.893 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 1.79 U	< 0.268 U	< 1.79 U	< 1.79 U	< 0.893 U	< 1.79 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 1.92 U	< 0.288 U	< 1.92 U	< 1.92 U	< 0.962 U	< 1.92 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 1.69 U	< 0.254 U	< 1.69 U	< 1.69 U	< 0.847 U	< 1.69 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	28	< 2.2 U	< 1.7 U	< 1.6 U	< 2.4 U	< 1.7 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	36	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	15.9	< 0.29 U	< 1.9 U	< 1.9 U	< 0.95 U	< 1.9 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	25.9 J	< 1.1 U	< 7.6 U	< 7.6 U	< 3.8 U	< 7.6 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	23.6	0.296 J	< 1.7 U	< 1.7 U	< 0.87 U	< 1.7 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	26.2	< 0.29 U	< 2 U	< 2 U	< 0.98 U	< 2 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	28.2 J	< 3.77 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	29.6 J	< 2.88 U	< 19.2 U	< 19.2 U	< 9.62 U	< 19.2 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 38.1 U	< 5.71 U	< 38.1 U	< 38.1 U	< 19 U	< 38.1 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	15.2	< 0.254 U	< 1.69 U	< 1.69 U	< 0.847 U	< 1.69 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 18.9 U	< 2.83 U	< 18.9 U	< 18.9 U	< 9.43 U	< 18.9 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 18.9 U	< 2.83 U	< 18.9 U	< 18.9 U	< 9.43 U	< 18.9 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Chlorophenol	2-Methylnaphthalene	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						66	--	110	--	0.15	--
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 200 U	< 30 U	< 200 U	< 200 U	< 100 U	< 200 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 189 U	< 28.3 U	< 189 U	< 189 U	< 94.3 U	< 189 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	12 J-	0.42 J-	< 2 UJ	< 2 UJ	< 1 UJ	< 2 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	11.7	0.33 J	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	590 J-	< 2.2 U	< 1.7 U	< 1.6 U	< 2.4 U	< 1.7 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 2 U	0.651 J	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 1.9 U	0.508 J	< 1.9 U	< 1.9 U	< 0.97 U	< 1.9 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	0.452 J	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 1.89 U	0.654 J	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 1.92 U	0.628 J	< 1.92 U	< 1.92 U	< 0.962 U	< 1.92 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 1.89 U	0.447 J	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 1.89 U	0.406 J	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 47.2 U	< 7.08 U	< 47.2 U	< 47.2 U	< 23.6 U	< 47.2 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 1.89 U	0.453 J	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 1.6 U	< 2.2 U	< 1.7 U	< 1.6 U	< 2.4 U	< 1.7 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1.1 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 1.9 U	< 0.28 U	< 1.9 U	< 1.9 U	< 0.94 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.96 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 0.952 U	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 95.2 U	< 14.3 U	< 95.2 U	< 95.2 U	< 47.6 U	< 95.2 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.95 U	< 1.9 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.97 U	< 1.9 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 1.94 U	< 0.291 U	< 1.94 U	< 1.94 U	< 0.971 U	< 1.94 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 2.13 U	< 0.319 U	< 2.13 U	< 2.13 U	< 1.06 U	< 2.13 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.95 U	< 1.9 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.97 U	< 1.9 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	< 0.962 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 1.69 U	< 0.254 U	< 1.69 U	< 1.69 U	< 0.847 U	< 1.69 UJ
Shallow	Downgradient	H-43	55e	N	05/11/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 1.9 U	< 0.29 U	< 1.9 U	< 1.9 U	< 0.95 U	< 1.9 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.9 U	< 0.28 U	< 1.9 U	< 1.9 U	< 0.94 U	< 1.9 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 0.962 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Chlorophenol	2-Methylnaphthalene	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						66	--	110	--	0.15	--
Shallow	Downgradient	M7B	55d	N	10/28/09	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 1.98 U	< 0.297 U	< 1.98 U	< 1.98 U	< 0.99 U	< 1.98 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	130	< 1.9 U	< 1.9 U	< 3.3 U	< 7.1 U	< 2.9 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	110	< 1.9 U	< 1.9 U	< 3.3 U	< 7.1 U	< 2.8 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	138	< 2.83 U	< 18.9 U	< 18.9 U	< 9.43 U	< 18.9 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	121	< 0.566 U	< 3.77 U	< 3.77 U	< 1.89 U	< 3.77 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	31.5 J	< 2.83 U	< 18.9 U	< 18.9 U	< 9.43 U	< 18.9 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	12	< 1.9 U	< 1.9 U	< 3.3 U	< 7.1 U	< 2.8 U
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	4.55 J+	< 0.268 U	< 1.79 U	< 1.79 U	< 0.893 U	< 1.79 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 18.9 U	< 2.83 U	< 18.9 U	< 18.9 U	< 9.43 U	< 18.9 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 9.43 U	< 1.42 U	< 9.43 U	< 9.43 U	< 4.72 U	< 9.43 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 19.4 U	< 2.91 U	< 19.4 U	< 19.4 U	< 9.71 U	< 19.4 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 200 U	< 30 U	< 200 U	< 200 U	< 100 U	< 200 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 80 U	< 12 U	< 80 U	< 80 U	< 40 U	< 80 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 189 U	< 28.3 U	< 189 U	< 189 U	< 94.3 U	< 189 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	55.5	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	30.6 J	< 2.88 U	< 19.2 U	< 19.2 U	< 9.62 U	< 19.2 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2.8 U	< 1.9 U	< 1.9 U	< 3.3 U	< 7.1 U	< 2.8 U
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 4 U	< 0.6 U	< 4 U	< 4 U	< 2 U	< 4 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 2.9 U	< 1.9 U	< 1.9 U	< 3.3 U	< 7.1 U	< 2.9 U
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 1.98 U	< 0.297 U	< 1.98 U	< 1.98 U	< 0.99 U	< 1.98 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 4 U	< 0.6 U	< 4 U	< 4 U	< 2 U	< 4 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 28 U	< 19 U	< 19 U	< 33 U	< 71 U	< 28 U
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 40 U	< 6 U	< 40 U	< 40 U	< 20 U	< 40 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 2.9 U	< 1.9 U	< 1.9 U	< 3.4 U	< 7.3 U	< 2.9 U
Deep	Upgradient	MW-8	55e	N	05/12/10	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 75.5 U	< 11.3 U	< 75.5 U	< 75.5 U	< 37.7 U	< 75.5 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 2.9 U	< 1.9 U	< 1.9 U	< 3.4 U	< 7.2 U	< 2.9 U
Deep	Downgradient	TR-11	55e	N	04/26/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 189 U	< 28.3 U	< 189 U	< 189 U	< 94.3 U	< 189 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 1.9 U	< 0.286 U	< 1.9 U	< 1.9 U	< 0.952 U	< 1.9 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 2.8 U	< 1.9 U	< 1.9 U	< 3.3 U	< 7.1 U	< 2.8 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2-Chlorophenol	2-Methylnaphthalene	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Nitroaniline
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						66	--	110	--	0.15	--
Deep	Downgradient	TR-12	55e	N	04/26/10	< 1.89 U	< 0.283 U	< 1.89 U	< 1.89 U	< 0.943 U	< 1.89 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 189 U	< 28.3 U	< 189 U	< 189 U	< 94.3 U	< 189 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 2 U	< 0.3 U	< 2 U	< 2 U	< 1 U	< 2 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Chlorothiophenol	4-Chlorothiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.34	--	--	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 1 U	< 0.87 U	< 1.3 U	< 1.1 U	< 10 UJ-	< 10 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 1 U	< 1 U	< 1 U	< 1 U	< 19 U	< 2.6 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 20 U	< 20 U	< 20 UJ	< 20 U	< 32 U	120
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 76 U	< 76 U	< 76 U	< 76 U	< 126 U	420
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 76 U	< 76 U	< 76 U	< 76 U	< 126 U	279 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 177 U	< 177 U	< 177 U	< 177 U	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 75.5 U	< 75.5 U	< 75.5 U	< 75.5 U	< 125 U	352 J
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 194 U	< 194 U	< 194 U	< 194 U	< 320 U	761 J
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	311
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	27.4	1510
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 1.9 U	< 1.6 U	< 1.8 U	< 2 U	< 2500 U	< 10 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1 U	< 1 U	< 1 U	< 1 U	< 19 U	< 2.6 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 1.9 U	< 1.9 U	< 1.9 UJ	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 3 U	< 3 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 20 U	< 20 U	< 20 U	< 20 U	< 33 U	< 33 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U	< 3.17 U	< 3.17 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1 U	< 1 U	--	< 1 U	< 19 U	3000 J
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 2 U	< 2 U	< 2 U	< 2 U	12.2	1290
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	16.8	1130
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 171 U	< 171 U	< 171 U	< 171 U	< 282 U	1080
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	508 J
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 2 U	< 2 U	< 2 U	< 2 U	8.78 J	< 165 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.92 UJ	< 1.92 U	< 1.92 UJ	< 1.92 UJ	7.1 J-	196 J
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 2 U	< 2 U	< 2 U	< 2 U	14.1	820 J
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 196 U	< 196 U	< 196 U	< 196 U	< 324 U	880 J
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 19 U	< 19 U	< 19 UJ	< 19 U	< 31 U	< 31 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U	< 3.17 U	< 3.17 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	6.52 J
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 2.02 U	< 2.02 U	< 2.02 U	< 2.02 U	< 3.33 U	< 3.33 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 192 U	< 192 U	< 192 U	< 192 U	< 317 U	< 317 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 19 U	< 19 U	< 19 UJ	< 19 U	< 31 U	684
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 385 U	< 385 U	< 385 U	< 385 U	826
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 38.1 U	< 38.1 U	< 38.1 U	< 38.1 U	< 62.9 U	< 62.9 UJ
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 194 U	< 194 U	< 194 U	< 194 U	< 320 U	766 J
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 67.8 U	< 67.8 U	< 67.8 U	< 67.8 U	< 112 U	169 J
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 190 U	< 190 U	< 190 U	< 190 U	< 314 U	728 J
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Chlorothioanisole	4-Chlorothiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.34	--	--	--
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 1.87 U	< 1.87 U	< 1.87 U	< 1.87 U	< 3.08 U	< 3.08 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 1.9 U	< 1.6 U	< 1.8 U	< 2 U	< 10000 U	< 10 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1 U	< 1 U	< 1 U	< 1 U	< 19 U	< 2.6 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 1.9 UJ	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 UJ
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	< 2.8 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 1.94 U	< 1.94 U	< 1.94 U	< 1.94 U	< 3.2 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 1 UJ-	< 0.87 UJ-	< 1.3 U	< 1.1 UJ-	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 1 UJ-	< 0.87 UJ-	< 1.3 U	< 1.1 UJ-	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 1 U	< 1 U	< 1 U	< 19 U	< 2.6 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 1.9 UJ	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 1.9 U	< 1.9 U	< 1.9 UJ	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 2.6 U	< 2.6 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 UJ
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.96 U	< 1.96 U	< 1.96 U	< 1.96 U	< 3.24 U	< 3.24 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 1 UJ-	< 0.87 U	< 1.3 U	< 1.1 UJ-	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 U	< 1 U	< 1 U	< 1 U	< 19 U	< 2.6 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 1.8 U	< 1.8 U	< 1.8 UJ	< 1.8 U	< 2.9 U	< 2.9 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 1.79 U	< 1.79 U	< 1.79 U	< 1.79 U	< 2.95 U	< 2.95 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U	< 3.17 U	6.65 J
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	< 2.8 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 1.9 U	< 1.6 U	< 1.8 U	< 2 U	< 5000 U	< 10 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 19 U	< 2.6 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	6.76 J
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 7.6 U	< 7.6 U	< 7.6 U	< 7.6 U	< 13 U	21.1 J
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 2.9 U	7.12 J
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2 U	< 2 U	< 2 U	< 2 U	< 3.2 U	7.61 J
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 19.2 U	< 19.2 U	< 19.2 U	< 19.2 U	< 31.7 U	< 31.7 UJ
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 38.1 U	< 38.1 U	< 38.1 U	< 38.1 U	< 62.9 U	< 62.9 UJ
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	7.21 J
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Bromophenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl ether	4-Chlorothiophenol	4-Chlorothiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.34	--	--	--
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 200 U	< 200 U	< 200 U	< 200 U	< 330 U	< 330 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 3.3 UJ	6.42 J-
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	5.41 J
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 1.9 U	< 1.6 U	< 1.8 U	< 2 U	< 10 UJ-	< 10 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 19 U	11
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	14.8
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	6.89 J	15.2
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	5.96 J	18.1
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	3.72 J	15.5
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U	3.45 J	22.3
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	16.6
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	26.6
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 47.2 U	< 47.2 U	< 47.2 U	< 47.2 U	< 77.8 U	< 77.8 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	31.2
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 1.9 U	< 1.6 U	< 1.8 U	< 2 U	< 10 UJ-	< 10 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 19 U	< 2.6 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	19.1
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	46.5
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U	6.99 J
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	12.4 J-
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	13.4
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	4.52 J
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 95.2 U	< 95.2 U	< 95.2 U	< 95.2 U	< 157 U	< 157 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 1.94 U	< 1.94 U	< 1.94 U	< 1.94 U	< 3.2 U	< 3.2 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 2.13 U	< 2.13 U	< 2.13 U	< 2.13 U	< 3.51 U	< 3.51 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	17.2
Shallow	Downgradient	H-43	55b	N	04/21/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	71.9
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	17.4
Shallow	Downgradient	H-43	55d	N	10/23/09	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	12.1 J-
Shallow	Downgradient	H-43	55e	N	05/11/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	19.4
Shallow	Downgradient	H-43	55f	N	10/26/10	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	4.97 J
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	23.2
Shallow	Downgradient	H-43	55h	N	10/20/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	5.97 J
Shallow	Downgradient	M7B	55a	N	02/03/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Chlorothiophenol	4-Chlorothiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.34	--	--	--
Shallow	Downgradient	M7B	55d	N	10/28/09	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 1.98 U	< 1.98 U	< 1.98 U	< 1.98 U	< 3.27 U	< 3.27 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 2.9 U	< 2.4 U	< 1.9 U	< 2.4 U	--	--
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 2.8 U	< 2.4 U	< 1.9 U	< 2.4 U	--	--
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 3.77 U	< 3.77 U	< 3.77 U	< 3.77 U	< 6.23 U	< 6.23 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 2.8 U	< 2.4 U	< 1.9 U	< 2.4 U	--	--
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 1.79 U	< 1.79 U	< 1.79 U	< 1.79 U	30.7 J+	104 J+
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	188
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	25.1 J	27.1 J
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 19.4 U	< 19.4 U	< 19.4 U	< 19.4 U	< 32 U	78.5 J
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 200 U	< 200 U	< 200 U	< 200 U	< 330 U	< 330 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 80 U	< 80 U	< 80 U	< 80 U	< 132 U	< 132 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 19.2 U	< 19.2 U	< 19.2 U	< 19.2 U	< 31.7 U	< 31.7 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2.8 U	< 2.4 U	< 1.9 U	< 2.4 U	--	--
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	6.03 J
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 4 U	< 4 U	< 4 U	< 4 U	< 6.6 U	< 6.6 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 2.9 U	< 2.4 U	< 1.9 U	< 2.4 U	--	--
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 1.98 U	< 1.98 U	< 1.98 U	< 1.98 U	< 3.27 U	4.26 J
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 4 U	< 4 U	< 4 U	< 4 U	< 6.6 U	< 6.6 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 28 U	< 24 U	< 19 U	< 24 U	--	--
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 40 U	< 40 U	< 40 U	< 40 U	< 66 U	< 66 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 2.9 U	< 2.4 U	< 1.9 U	< 2.4 U	--	--
Deep	Upgradient	MW-8	55e	N	05/12/10	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 75.5 U	< 75.5 U	< 75.5 U	< 75.5 U	< 125 U	< 125 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 2.9 U	< 2.4 U	< 1.9 U	< 2.4 U	--	--
Deep	Downgradient	TR-11	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	4.05 J+
Deep	Downgradient	TR-11	55f	N	10/21/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 2.8 U	< 2.4 U	< 1.9 U	< 2.4 U	--	--

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Bromophenyl phenyl ether	4-Chloro-3-methylphenol	4-Chloroaniline	4-Chlorophenyl phenyl ether	4-Chlorothioanisole	4-Chlorothiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.34	--	--	--
Deep	Downgradient	TR-12	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Nitroaniline	4-Nitrophenol	Acetophenone	Aniline	Benzoic acid	Benzyl alcohol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	290	680	12	150000	18000
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.84 U	< 3.2 U	< 0.36 U	< 1.1 U	< 0.96 U	< 1 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 1.3 U	< 5 U	< 1 U	< 1 U	< 5 U	< 1 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 29 UJ	< 20 U	< 20 U	< 25 U	< 59 U	< 20 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 114 U	< 76 U	< 76 U	< 95 U	< 229 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 114 U	< 76 U	< 76 U	< 95 U	< 229 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 UJ	< 177 U	< 177 U	< 177 U	< 354 U	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 113 U	< 75.5 U	< 75.5 U	< 94.3 U	< 226 U	< 75.5 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 291 U	< 194 U	< 194 U	< 243 U	< 583 UJ	< 194 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 283 U	< 189 U	< 189 U	< 236 U	< 566 U	< 189 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 28.3 U	< 18.9 U	< 18.9 U	< 23.6 U	< 56.6 U	< 18.9 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 1.9 U	< 3.2 U	< 0.36 U	< 1.4 U	< 0.96 U	< 0.59 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1.3 U	< 5 U	< 1 U	< 1 U	< 5 U	< 1 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 2.9 UJ	< 1.9 U	< 1.9 U	< 2.4 U	< 5.8 U	< 1.9 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 2.7 U	< 1.8 U	< 1.8 U	< 2.2 U	< 5.4 U	< 1.8 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 19.4 UJ	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 30 U	< 20 U	< 20 U	< 25 U	< 60 U	< 20 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 3 U	< 2 U	< 2.46 U	< 2.5 U	20.5	< 2 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 2.88 U	< 1.92 U	< 1.92 U	< 2.4 U	< 5.77 U	< 1.92 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1.3 U	< 5 U	< 1 U	< 1 U	< 5 U	< 1 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 3 UJ	R	< 2 U	< 2.5 U	< 6 U	< 2 UJ
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 256 U	< 171 U	< 171 U	< 214 U	< 513 U	< 171 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 283 U	< 189 U	< 189 U	< 236 U	< 566 U	< 189 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 2.88 UJ	< 1.92 U	< 1.92 UJ	< 2.4 UJ	< 5.77 U	< 1.92 UJ
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 294 U	< 196 U	< 196 U	< 245 U	< 588 U	< 196 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 29 UJ	< 19 U	< 19 U	< 24 U	< 57 U	< 19 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 2.88 U	< 1.92 U	< 1.92 U	< 2.4 U	< 5.77 UJ	< 1.92 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 2.83 U	< 1.89 UJ	< 1.89 U	< 2.36 U	< 5.66 UJ	< 1.89 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 28.3 UJ	< 18.9 U	< 18.9 U	< 23.6 U	< 56.6 U	< 18.9 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 3.03 U	< 2.02 U	< 2.02 U	< 2.53 U	< 6.06 U	< 2.02 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 288 U	< 192 U	< 192 U	< 240 U	< 577 U	< 192 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 29 UJ	< 19 U	< 19 U	< 24 U	< 57 U	< 19 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 385 U	< 385 U	< 385 U	< 769 UJ	< 385 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 57.1 U	< 38.1 U	< 38.1 U	< 47.6 U	< 114 UJ	< 38.1 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 291 U	< 194 U	< 194 U	< 243 U	< 583 UJ	< 194 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 102 UJ	< 67.8 U	< 67.8 U	< 84.7 U	< 203 U	< 67.8 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 286 U	< 190 U	< 190 U	< 238 U	< 571 U	< 190 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 2.86 UJ	< 1.9 UJ	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 UJ
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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CAMU AREA, CLARK COUNTY, NEVADA
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Nitroaniline	4-Nitrophenol	Acetophenone	Aniline	Benzoic acid	Benzyl alcohol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	290	680	12	150000	18000
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 2.8 U	< 1.87 U	< 1.87 U	< 2.34 U	< 5.61 U	< 1.87 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 1.9 UJ	< 3.2 U	< 0.36 U	< 1.4 U	< 0.96 U	< 0.59 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1.3 U	< 5 U	< 1 U	< 1 U	< 5 U	< 1 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 2.9 UJ	< 1.9 U	< 1.9 U	< 2.4 U	< 5.8 U	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 2.8 U	< 1.9 UJ	< 1.9 U	< 2.4 U	< 5.7 U	< 1.9 UJ
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 UJ	< 8.26 U	< 8.26 U	< 8.26 U	< 16.5 U	< 8.26 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 2.86 UJ	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 UJ	< 1.9 UJ
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 2.54 U	< 1.69 U	< 1.69 U	< 2.12 U	< 5.08 U	< 1.69 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 2.91 U	< 1.94 U	< 1.94 U	< 2.43 U	< 5.83 U	< 1.94 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.84 U	< 3.2 U	< 0.36 U	< 1.1 U	< 0.96 U	3.3 J-
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.84 U	< 3.2 U	< 0.36 U	< 1.1 U	< 0.96 U	3.5 J-
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1.3 U	< 5 U	< 1 U	< 1 U	< 5 U	< 1 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 2.9 UJ	< 1.9 U	< 1.9 U	< 2.4 U	< 5.8 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 2.9 UJ	< 1.9 U	< 1.9 U	< 2.4 U	< 5.8 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 2.4 U	< 1.6 UJ	< 1.6 U	< 2 U	< 4.8 U	< 1.6 UJ
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 UJ	< 9.43 U	< 9.43 U	< 9.43 U	< 18.9 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 2.86 UJ	< 1.9 UJ	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 2.94 U	< 1.96 U	< 1.96 U	< 2.45 U	< 5.88 U	< 1.96 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.84 U	< 3.2 U	< 0.36 U	< 1.1 U	< 0.96 U	< 1 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1.3 U	< 5 U	< 1 U	< 1 U	< 5 U	< 1 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 2.7 UJ	< 1.8 U	< 1.8 U	< 2.2 U	< 5.3 U	< 1.8 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 2.9 U	< 1.9 UJ	< 1.9 U	< 2.4 U	< 5.7 U	< 1.9 UJ
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 17.9 UJ	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 2.68 UJ	< 1.79 UJ	< 1.79 U	< 2.23 U	< 5.36 U	< 1.79 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 2.88 U	< 1.92 UJ	< 1.92 U	< 2.4 U	< 5.77 UJ	< 1.92 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 2.54 UJ	< 1.69 U	< 1.69 U	< 2.12 U	< 5.08 U	< 1.69 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 2.86 U	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 1.9 U	< 3.2 U	< 0.36 U	< 1.4 U	3.7 J	< 0.59 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1.3 U	< 5 U	2.1 J-	< 1 U	< 5 U	< 1 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 2.9 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.7 U	< 1.9 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 11 U	< 7.6 U	< 7.6 U	< 9.5 U	< 23 U	< 7.6 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 2.6 U	< 1.7 U	2.27 J	< 2.2 U	< 5.2 U	< 1.7 UJ
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2.9 U	< 2 U	2.77 J	< 2.5 U	< 5.9 U	< 2 UJ
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	< 37.7 U	< 37.7 UJ	< 37.7 U	< 75.5 UJ	< 37.7 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 28.8 U	< 19.2 U	< 19.2 U	< 24 U	< 57.7 UJ	< 19.2 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 57.1 U	< 38.1 U	< 38.1 U	< 47.6 U	< 114 UJ	< 38.1 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 2.54 U	< 1.69 UJ	3.44 J	< 2.12 U	< 5.08 UJ	< 1.69 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 28.3 UJ	< 18.9 U	< 18.9 U	< 23.6 U	< 56.6 U	< 18.9 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 28.3 UJ	< 18.9 U	< 18.9 U	< 23.6 U	< 56.6 U	< 18.9 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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CAMU AREA, CLARK COUNTY, NEVADA
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Nitroaniline	4-Nitrophenol	Acetophenone	Aniline	Benzoic acid	Benzyl alcohol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	290	680	12	150000	18000
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 300 U	< 200 U	< 200 U	< 250 U	< 600 U	< 200 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 283 U	< 189 U	< 189 U	< 236 U	< 566 U	< 189 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 3 UJ	< 2 UJ	3.23 J-	< 2.5 UJ	< 6 UJ	< 2 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 2.83 U	< 1.89 U	2.74 J	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 1.9 U	< 3.2 U	< 0.36 U	< 1.4 U	< 0.96 U	< 0.59 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1.3 U	< 5 U	< 1 U	< 1 U	< 5 U	< 1 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 2.9 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.8 U	< 1.9 UJ
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 UJ	< 9.43 U	< 9.43 U	< 9.43 U	< 18.9 U	< 9.43 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 UJ	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 2.88 U	< 1.92 U	< 1.92 U	< 2.4 U	< 5.77 UJ	< 1.92 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 2.83 U	< 1.89 UJ	< 1.89 U	< 2.36 U	< 5.66 UJ	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 70.8 U	< 47.2 U	< 47.2 U	< 59 U	< 142 U	< 47.2 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 1.9 U	< 3.2 U	< 0.36 U	< 1.4 U	< 0.96 U	< 0.59 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1.3 U	< 5 U	< 1 U	< 1 U	< 5 U	< 1 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 2.8 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.7 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 2.9 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.8 U	< 1.9 UJ
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 UJ	< 9.52 U	< 9.52 U	< 9.52 U	< 19 U	< 9.52 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 2.86 UJ	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 UJ	< 1.9 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 2.83 U	< 1.89 UJ	< 1.89 U	< 2.36 U	< 5.66 UJ	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 143 U	< 95.2 U	< 95.2 U	< 119 U	< 286 U	< 95.2 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 2.9 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.7 U	< 1.9 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 2.9 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.8 U	< 1.9 UJ
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 9.43 U	< 9.43 UJ	< 9.43 U	< 18.9 UJ	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 UJ	< 9.43 U	< 9.43 U	< 9.43 U	< 18.9 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 2.91 U	< 1.94 U	< 1.94 U	< 2.43 U	< 5.83 UJ	< 1.94 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 3.19 U	< 2.13 U	< 2.13 U	< 2.66 U	< 6.38 U	< 2.13 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 2.9 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.7 U	< 1.9 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 2.9 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.8 U	< 1.9 UJ
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 UJ	< 9.62 U	< 9.62 U	< 9.62 U	< 19.2 U	< 9.62 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 2.54 UJ	< 1.69 U	< 1.69 U	< 2.12 U	< 5.08 UJ	< 1.69 UJ
Shallow	Downgradient	H-43	55e	N	05/11/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 UJ	< 1.89 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 2.9 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.7 U	< 1.9 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 2.8 U	< 1.9 U	< 1.9 U	< 2.4 U	< 5.7 U	< 1.9 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 19.2 UJ	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 18.9 U	< 9.43 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Nitroaniline	4-Nitrophenol	Acetophenone	Aniline	Benzoic acid	Benzyl alcohol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	290	680	12	150000	18000
Shallow	Downgradient	M7B	55d	N	10/28/09	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 2.86 U	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 2.83 UJ	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 2.97 U	< 1.98 UJ	< 1.98 U	< 2.48 U	< 5.94 U	< 1.98 UJ
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 3.8 U	< 5.2 U	--	< 3.3 U	430	< 3.3 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 3.8 U	< 5.2 U	--	< 3.3 U	550	< 3.3 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 28.3 UJ	< 18.9 U	21.1 J	< 23.6 U	243	< 18.9 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 5.66 U	< 3.77 U	20.8	< 4.72 U	170	< 3.77 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 28.3 U	< 18.9 U	< 18.9 U	< 23.6 U	485	< 18.9 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 3.8 U	< 5.2 U	--	< 3.3 U	< 9.5 U	< 3.3 U
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 2.68 U	< 1.79 U	< 1.79 U	< 2.23 U	< 5.36 U	< 1.79 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 28.3 UJ	< 18.9 U	< 18.9 U	< 23.6 U	< 56.6 U	< 18.9 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 14.2 U	< 9.43 U	< 9.43 U	< 11.8 U	< 28.3 U	< 9.43 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 29.1 U	< 19.4 U	< 19.4 U	< 24.3 U	< 58.3 U	< 19.4 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 300 U	< 200 UJ	< 200 U	< 250 U	< 600 U	< 200 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 120 U	< 80 U	< 80 U	< 100 U	< 240 U	< 80 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 283 U	< 189 U	< 189 U	< 236 U	< 566 U	< 189 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 2.86 U	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 28.8 U	< 19.2 U	< 19.2 U	< 24 U	< 57.7 U	< 19.2 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 3.8 U	< 5.2 U	--	< 3.3 U	< 9.5 U	< 3.3 U
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 2.86 U	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 6 U	< 4 U	< 4 U	< 5 U	< 12 U	< 4 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 3.8 U	< 5.2 U	--	< 3.3 U	< 9.5 U	< 3.3 U
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 2.97 U	< 1.98 U	< 1.98 U	< 2.48 U	< 5.94 U	< 1.98 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 2.86 U	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 6 U	< 4 U	< 4 U	< 5 U	< 12 U	< 4 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 38 U	< 52 U	--	< 33 U	< 94 U	< 33 U
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 UJ
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 60 U	< 40 U	< 40 U	< 50 U	< 120 U	< 40 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 UJ	< 2 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	< 5.66 U	< 1.89 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 3.9 U	< 5.3 U	--	< 3.4 U	< 9.7 U	< 3.4 U
Deep	Upgradient	MW-8	55e	N	05/12/10	< 2.86 U	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 113 U	< 75.5 U	< 75.5 U	< 94.3 U	< 226 U	< 75.5 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 UJ	< 2 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 2.86 U	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 3.8 U	< 5.3 U	--	< 3.4 U	< 9.6 U	< 3.4 U
Deep	Downgradient	TR-11	55e	N	04/26/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	12.6 J	< 1.89 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 283 U	< 189 U	< 189 U	< 236 U	< 566 U	< 189 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 UJ	< 2 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 2.86 U	< 1.9 U	< 1.9 U	< 2.38 U	< 5.71 U	< 1.9 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 3.8 U	< 5.2 U	--	< 3.3 U	< 9.4 U	< 3.3 U

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	4-Nitroaniline	4-Nitrophenol	Acetophenone	Aniline	Benzoic acid	Benzyl alcohol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	290	680	12	150000	18000
Deep	Downgradient	TR-12	55e	N	04/26/10	< 2.83 U	< 1.89 U	< 1.89 U	< 2.36 U	13.6 J	< 1.89 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 283 U	< 189 U	< 189 U	< 236 U	< 566 U	< 189 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 UJ	< 2 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 3 U	< 2 U	< 2 U	< 2.5 U	< 6 U	< 2 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl) ether	bis(2-Ethylhexyl)phthalate	bis(p-Chlorophenyl) disulfide	bis(p-Chlorophenyl) sulfone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	6	--	--
BCL						--	0.012	0.32	6	--	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 1.2 U	< 1.1 U	< 1.1 U	6.7 J	13	< 10 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 1 U	< 1 U	< 1 U	< 1 U	53	1.3 J
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 29 U	< 20 U	< 20 U	< 20 U	262	< 32 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 114 U	< 76 U	< 76 U	< 76 U	222 J	< 126 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 114 U	< 76 U	< 76 U	< 76 U	213 J	< 126 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 177 U	< 177 U	< 177 U	59.3 J	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 113 U	< 75.5 U	< 75.5 U	< 75.5 U	803 J-	< 125 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 291 U	< 194 U	< 194 U	< 194 U	< 320 UJ	< 320 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 283 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 28.3 U	< 18.9 U	< 18.9 U	< 18.9 U	88 J+	< 31.1 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 2.83 U	< 1.89 U	< 1.89 U	2.95 J	85.6	16.1
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 1.8 U	< 1.9 U	< 1.1 U	3.3 J	< 10 U	< 10 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 0.19 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 2.7 U	< 1.8 U	< 1.8 U	< 1.8 U	< 3 U	< 3 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 30 U	< 20 U	< 20 U	< 20 U	< 33 UJ	< 33 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 2.88 U	< 1.92 U	< 1.92 U	6.77 J	< 3.17 U	< 3.17 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	590 J	6 J
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 3 U	< 2 U	< 2 U	< 2 U	4480	< 3.3 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	1830 J-	< 3.11 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 256 U	< 171 U	< 171 U	< 171 U	4320	< 282 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 283 U	< 189 U	< 189 U	< 189 U	4770	< 311 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 3 U	< 2 U	< 2 U	< 2 U	1220 J	< 3.3 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 2.88 UJ	< 1.92 UJ	< 1.92 UJ	< 1.92 UJ	1230	< 3.17 UJ
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 3 U	< 2 U	< 2 U	14.6	1850 J	< 3.3 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 294 U	< 196 U	< 196 U	< 196 U	3460 J	< 324 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 29 U	< 19 U	< 19 U	< 19 U	< 31 U	< 31 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 2.88 U	< 1.92 U	< 1.92 U	< 1.92 U	< 3.17 U	< 3.17 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 28.3 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 3.03 U	< 2.02 U	< 2.02 U	< 2.02 U	< 3.33 U	< 3.33 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 288 U	< 192 U	< 192 U	< 192 U	< 317 U	< 317 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 29 U	< 19 U	< 19 U	< 19 U	1530	48.9 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 385 U	< 385 U	< 385 U	3510	< 385 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 57.1 U	< 38.1 U	< 38.1 U	< 38.1 U	3230 J+	< 62.9 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 291 U	< 194 U	< 194 U	< 194 U	2310 J	< 320 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 102 U	< 67.8 U	< 67.8 U	< 67.8 U	3380	< 112 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 286 U	< 190 U	< 190 U	< 190 U	1480	< 314 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 2.83 U	< 1.89 U	< 1.89 U	4.9 J	< 3.11 U	< 3.11 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl) ether	bis(2-Ethylhexyl)phthalate	bis(p-Chlorophenyl) disulfide	bis(p-Chlorophenyl) sulfone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	6	--	--
BCL						--	0.012	0.32	6	--	--
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 2.8 U	< 1.87 U	< 1.87 U	< 1.87 U	< 3.08 U	< 3.08 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 1.8 U	< 1.9 U	< 1.1 U	< 2.6 U	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 0.19 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 2.8 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 2.54 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	< 2.8 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 2.91 U	< 1.94 U	< 1.94 U	9.16 J	< 3.2 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 1.2 UJ-	< 1.1 U	< 1.1 U	3.8 J-	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 1.2 UJ-	< 1.1 U	< 1.1 U	3.2 J-	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 0.19 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 2.4 U	< 1.6 U	< 1.6 U	< 1.6 U	< 2.6 U	< 2.6 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 2.94 U	< 1.96 U	< 1.96 U	< 1.96 U	< 3.24 U	< 3.24 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 3 U	< 2 U	< 2 U	7.53 J	< 3.3 U	< 3.3 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 1.2 U	< 1.1 U	< 1.1 U	4.7 J	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 2.7 U	< 1.8 U	< 1.8 U	< 1.8 U	< 2.9 U	< 2.9 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 2.68 U	< 1.79 U	< 1.79 U	< 1.79 U	< 2.95 U	< 2.95 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 2.88 U	< 1.92 U	< 1.92 U	< 1.92 U	< 3.17 U	< 3.17 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 2.54 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	< 2.8 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 3 U	< 2 U	< 2 U	15.9	< 3.3 U	< 3.3 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 1.8 U	< 1.9 U	< 1.1 U	3.9 J	< 10 U	< 10 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 0.19 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 UJ	< 3.1 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 11 U	< 7.6 U	< 7.6 U	< 7.6 U	< 13 UJ	< 13 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 2.6 U	< 1.7 U	< 1.7 U	< 1.7 U	< 2.9 U	< 2.9 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2.9 U	< 2 U	< 2 U	< 2 U	< 3.2 U	< 3.2 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 28.8 U	< 19.2 U	< 19.2 U	< 19.2 U	< 31.7 U	< 31.7 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 57.1 U	< 38.1 U	< 38.1 U	< 38.1 U	< 62.9 U	< 62.9 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 2.54 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	< 2.8 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 28.3 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 28.3 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl) ether	bis(2-Ethylhexyl)phthalate	bis(p-Chlorophenyl) disulfide	bis(p-Chlorophenyl) sulfone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	6	--	--
BCL						--	0.012	0.32	6	--	--
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 300 U	< 200 U	< 200 U	< 200 U	< 330 U	< 330 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 283 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 3 UJ	< 2 UJ	< 2 UJ	4.99 J-	< 3.3 UJ	< 3.3 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 2.83 U	< 1.89 U	< 1.89 U	3.36 J	< 3.11 U	< 3.11 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 1.8 U	< 1.9 U	< 1.1 U	6.4 J	30	< 10 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1 U	< 1 U	15 J-	< 1 U	33 J-	< 0.19 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 3 U	< 2 U	< 2 U	< 2 U	3.91 J	< 3.3 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	15.7	< 3.2 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	40.4	< 9.43 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	74.7	< 3.11 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 2.88 U	< 1.92 U	< 1.92 U	< 1.92 U	--	< 3.17 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	65.4	< 3.11 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	19.5	< 3.11 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 70.8 U	< 47.2 U	< 47.2 U	< 47.2 U	< 77.8 U	< 77.8 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 2.83 U	< 1.89 U	< 1.89 U	16.4	16.3	< 3.11 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 1.8 U	< 1.9 U	< 1.1 U	2.7 J	13	< 10 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 0.19 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 2.8 U	< 1.9 U	< 1.9 U	< 1.9 U	5.49 J	< 3.1 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	21.2	< 3.2 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U	37.2	< 9.52 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	40.5 J+	< 3.14 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	50.8	< 3.11 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	28.3	< 3.11 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	40.5	< 3.11 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 143 U	< 95.2 U	< 95.2 U	< 95.2 U	< 157 U	< 157 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 3.2 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 2.91 U	< 1.94 U	< 1.94 U	< 1.94 U	< 3.2 U	< 3.2 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 3.19 U	< 2.13 U	< 2.13 U	< 2.13 U	< 3.51 U	< 3.51 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	--	< 3.1 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	18.6	< 3.2 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	36.4	< 9.62 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 2.54 U	< 1.69 U	< 1.69 U	< 1.69 U	--	< 2.8 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	28.2	< 3.11 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 3 U	< 2 U	< 2 U	< 2 U	52.3	< 3.3 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	55.2 J+	< 3.11 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 3 U	< 2 U	< 2 U	< 2 U	51.1	< 3.3 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 2.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 2.8 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 3.1 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl) ether	bis(2-Ethylhexyl)phthalate	bis(p-Chlorophenyl) disulfide	bis(p-Chlorophenyl) sulfone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	6	--	--
BCL						--	0.012	0.32	6	--	--
Shallow	Downgradient	M7B	55d	N	10/28/09	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 UJ	< 3.3 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 2.97 U	< 1.98 U	< 1.98 U	< 1.98 U	< 3.27 U	< 3.27 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 2.9 U	< 2.9 U	< 2.4 U	< 3.8 U	--	--
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 2.8 U	< 2.8 U	< 2.4 U	< 3.8 U	--	--
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 28.3 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 5.66 U	< 3.77 U	< 3.77 U	< 3.77 U	< 6.23 U	< 6.23 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 28.3 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 31.1 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 2.8 U	< 2.8 U	< 2.4 U	< 3.8 U	--	--
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 2.68 U	< 1.79 U	< 1.79 U	6.38 J	326	141
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 28.3 U	< 18.9 U	< 18.9 U	< 18.9 U	184	105
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 14.2 U	< 9.43 U	< 9.43 U	< 9.43 U	54.2 J+	94.9
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 29.1 U	< 19.4 U	< 19.4 U	< 19.4 U	45.7 J	76.7 J
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 300 U	< 200 U	< 200 U	< 200 U	< 330 U	< 330 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 120 U	< 80 U	< 80 U	< 80 U	< 132 U	< 132 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 283 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 28.8 U	< 19.2 U	< 19.2 U	< 19.2 U	< 31.7 U	< 31.7 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2.8 U	< 2.8 U	< 2.4 U	< 3.8 U	--	--
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 6 U	< 4 U	< 4 U	< 4 U	< 6.6 U	< 6.6 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 2.9 U	< 2.9 U	< 2.4 U	< 3.8 U	--	--
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 2.97 U	< 1.98 U	< 1.98 U	2.18 J	< 3.27 U	< 3.27 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 6 U	< 4 U	< 4 U	< 4 U	< 6.6 U	< 6.6 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 28 U	< 28 U	< 24 U	< 38 U	--	--
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 60 U	< 40 U	< 40 U	< 40 U	< 66 U	< 66 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 3 U	< 2 UJ	< 2 UJ	< 2 U	< 3.3 U	< 3.3 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 2.9 U	< 2.9 U	< 2.4 U	< 3.9 U	--	--
Deep	Upgradient	MW-8	55e	N	05/12/10	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 113 U	< 75.5 U	< 75.5 U	< 75.5 U	< 125 U	< 125 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 3 U	< 2 UJ	< 2 UJ	< 2 U	< 3.3 U	< 3.3 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 2.9 U	< 2.9 U	< 2.4 U	< 3.8 U	--	--
Deep	Downgradient	TR-11	55e	N	04/26/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 283 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 3 U	< 2 UJ	< 2 UJ	< 2 U	< 3.3 U	< 3.3 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 2.86 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 3.14 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 2.8 U	< 2.8 U	< 2.4 U	< 3.8 U	--	--

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	bis(2-Chloroethoxy) methane	bis(2-Chloroethyl) ether	bis(2-Chloroisopropyl) ether	bis(2-Ethylhexyl)phthalate	bis(p-Chlorophenyl) disulfide	bis(p-Chlorophenyl) sulfone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	6	--	--
BCL						--	0.012	0.32	6	--	--
Deep	Downgradient	TR-12	55e	N	04/26/10	< 2.83 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 3.11 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 283 U	< 189 U	< 189 U	< 189 U	< 311 U	< 311 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 3 U	< 2 UJ	< 2 UJ	< 2 U	< 3.3 U	< 3.3 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 3 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 3.3 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Butylbenzyl phthalate	Carbazole	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						35	3.4	73	29000	370000	3700
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 1.8 U	< 1.5 U	< 1.2 U	< 3.6 U	< 2.1 U	< 1.7 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 20 U	< 2 UJ	< 20 U	< 20 U	< 20 U	< 20 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 76 U	< 7.6 U	< 76 U	< 76 U	< 76 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 76 U	< 7.6 U	< 76 U	< 76 U	< 76 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 17.7 U	< 177 U	< 177 U	< 177 U	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 75.5 U	< 7.55 U	< 75.5 U	< 75.5 U	< 75.5 U	< 75.5 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 194 U	< 19.4 U	< 194 U	< 194 U	< 194 U	< 194 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 189 U	< 18.9 U	< 189 U	< 189 U	< 189 U	< 189 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 18.9 U	< 1.89 U	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 2.9 U	< 2.3 U	< 2 U	< 2.3 U	< 1.9 U	< 3.6 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 1.9 U	< 0.19 UJ	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 1.8 U	< 0.18 U	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 0.971 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 20 U	< 2 U	< 20 U	< 20 U	< 20 U	< 20 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 1.92 U	< 0.192 U	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 2 U	< 0.2 UJ	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 171 U	< 17.1 U	< 171 U	< 171 U	< 171 U	< 171 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 189 U	< 18.9 U	< 189 U	< 189 U	< 189 U	< 189 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.92 UJ	< 0.192 UJ	< 1.92 UJ	< 1.92 UJ	< 1.92 UJ	< 1.92 UJ
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 196 U	< 19.6 U	< 196 U	< 196 U	< 196 U	< 196 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 19 U	< 1.9 UJ	< 19 U	< 19 U	< 19 U	< 19 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 1.92 U	< 0.192 U	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 18.9 U	< 1.89 U	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 2.02 U	< 0.202 U	< 2.02 U	< 2.02 U	< 2.02 U	< 2.02 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 192 U	< 19.2 U	< 192 U	< 192 U	< 192 U	< 192 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 19 U	< 1.9 UJ	< 19 U	< 19 U	< 19 U	< 19 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 38.5 U	< 385 U	< 385 U	< 385 U	< 385 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 38.1 U	< 3.81 U	< 38.1 U	< 38.1 U	< 38.1 U	< 38.1 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 194 U	< 19.4 U	< 194 U	< 194 U	< 194 U	< 194 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 67.8 U	< 6.78 U	< 67.8 U	< 67.8 U	< 67.8 U	< 67.8 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 190 U	< 19 U	< 190 U	< 190 U	< 190 U	< 190 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 1.9 U	< 0.19 UJ	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Butylbenzyl phthalate	Carbazole	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						35	3.4	73	29000	370000	3700
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 1.87 U	< 0.187 U	< 1.87 U	< 1.87 U	< 1.87 U	< 1.87 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 2.9 U	< 2.3 U	< 2 U	< 2.3 U	< 1.9 U	< 3.6 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 1.9 U	< 0.19 UJ	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 U	< 0.826 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 1.9 U	< 0.19 UJ	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 1.69 U	< 0.169 U	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 1.94 U	< 0.194 U	< 1.94 U	< 1.94 U	< 1.94 U	< 1.94 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 1.8 UJ-	< 1.5 U	< 1.2 UJ-	< 3.6 U	< 2.1 UJ-	< 1.7 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 1.8 UJ-	< 1.5 U	< 1.2 UJ-	< 3.6 U	< 2.1 UJ-	< 1.7 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 1.9 U	< 0.19 UJ	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 1.9 U	< 0.19 UJ	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 1.6 U	< 0.16 U	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 1.9 U	< 0.19 UJ	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.96 U	< 0.196 U	< 1.96 U	< 1.96 U	< 1.96 U	< 1.96 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 1.8 U	< 1.5 U	< 1.2 U	< 3.6 U	< 2.1 U	< 1.7 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 1.8 U	< 0.18 UJ	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 0.893 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 1.79 U	< 0.179 UJ	< 1.79 U	< 1.79 U	< 1.79 U	< 1.79 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 1.92 U	< 0.192 U	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 1.69 U	< 0.169 U	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 2.9 U	< 2.3 U	< 2 U	< 2.3 U	< 1.9 U	< 3.6 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 7.6 U	< 0.76 U	< 7.6 U	< 7.6 U	< 7.6 U	< 7.6 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 1.7 U	< 0.17 U	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	< 3.77 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 19.2 U	< 1.92 U	< 19.2 U	< 19.2 U	< 19.2 U	< 19.2 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 38.1 U	< 3.81 U	< 38.1 U	< 38.1 U	< 38.1 U	< 38.1 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 1.69 U	< 0.169 U	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 18.9 U	< 1.89 U	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 18.9 U	< 1.89 U	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Butylbenzyl phthalate	Carbazole	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						35	3.4	73	29000	370000	3700
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 200 U	< 20 U	< 200 U	< 200 U	< 200 U	< 200 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 189 U	< 18.9 U	< 189 U	< 189 U	< 189 U	< 189 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 2 UJ	< 0.2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 2.9 U	< 2.3 U	< 2 U	< 2.3 U	< 1.9 U	< 3.6 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 1.92 U	< 0.192 U	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 47.2 U	< 4.72 U	< 47.2 U	< 47.2 U	< 47.2 U	< 47.2 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 2.9 U	< 2.3 U	< 2 U	< 2.3 U	< 1.9 U	< 3.6 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 0.952 U	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 1.9 U	< 0.19 UJ	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 95.2 U	< 9.52 U	< 95.2 U	< 95.2 U	< 95.2 U	< 95.2 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 1.94 U	< 0.194 U	< 1.94 U	< 1.94 U	< 1.94 U	< 1.94 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 2.13 U	< 0.213 U	< 2.13 U	< 2.13 U	< 2.13 U	< 2.13 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	< 0.962 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 1.69 U	< 0.169 UJ	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 0.962 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Butylbenzyl phthalate	Carbazole	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						35	3.4	73	29000	370000	3700
Shallow	Downgradient	M7B	55d	N	10/28/09	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 1.98 U	< 0.198 U	< 1.98 U	< 1.98 U	< 1.98 U	< 1.98 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 2 U	< 0.2 U	< 2 U	< 2 U	< 2 U	< 2 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 3.8 U	--	< 3.8 U	< 3.3 U	< 2.4 U	< 2.9 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 3.8 U	--	< 3.8 U	< 3.3 U	< 2.4 U	< 2.8 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 18.9 U	< 1.89 U	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 3.77 U	< 0.377 U	< 3.77 U	< 3.77 U	< 3.77 U	< 3.77 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 18.9 U	< 1.89 U	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 3.8 U	--	< 3.8 U	< 3.3 U	< 2.4 U	< 2.8 U
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 1.79 U	< 0.179 U	< 1.79 U	< 1.79 U	< 1.79 U	< 1.79 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 18.9 U	< 1.89 U	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 19.4 U	< 1.94 U	< 19.4 U	< 19.4 U	< 19.4 U	< 19.4 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 200 U	< 20 U	< 200 U	< 200 U	< 200 U	< 200 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 80 U	< 8 U	< 80 U	< 80 U	< 80 U	< 80 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 189 U	< 18.9 U	< 189 U	< 189 U	< 189 U	< 189 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 19.2 U	< 1.92 U	< 19.2 U	< 19.2 U	< 19.2 U	< 19.2 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 3.8 U	--	< 3.8 U	< 3.3 U	< 2.4 U	< 2.8 U
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 4 U	< 0.4 U	< 4 U	< 4 U	< 4 U	< 4 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 3.8 U	--	< 3.8 U	< 3.3 U	< 2.4 U	< 2.9 U
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 1.98 U	< 0.198 U	< 1.98 U	< 1.98 U	< 1.98 U	< 1.98 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 4 U	< 0.4 U	< 4 U	< 4 U	< 4 U	< 4 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 38 U	--	< 38 U	< 33 U	750	< 28 U
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	1300	< 1.89 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 40 U	< 4 U	< 40 U	< 40 U	809	< 40 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 2 U	< 0.2 U	< 2 U	< 2 U	548	< 2 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	257	< 1.89 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 3.9 U	--	< 3.9 U	< 3.4 U	1900	< 2.9 U
Deep	Upgradient	MW-8	55e	N	05/12/10	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	1860	< 1.9 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 75.5 U	< 7.55 U	< 75.5 U	< 75.5 U	2640	< 75.5 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 2 U	< 0.2 U	< 2 U	< 2 U	1480	< 2 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	766	< 1.9 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 3.8 U	--	< 3.8 U	< 3.4 U	1100	< 2.9 U
Deep	Downgradient	TR-11	55e	N	04/26/10	< 1.89 U	< 0.189 U	< 1.89 U	< 1.89 U	1670	< 1.89 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 189 U	< 18.9 U	< 189 U	< 189 U	2900	< 189 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 2 U	< 0.2 U	< 2 U	< 2 U	1840	< 2 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 1.9 U	< 0.19 U	< 1.9 U	< 1.9 U	577	< 1.9 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 3.8 U	--	< 3.8 U	< 3.3 U	1000	< 2.8 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Butylbenzyl phthalate	Carbazole	Dibenzofuran	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						35	3.4	73	29000	370000	3700
Deep	Downgradient	TR-12	55e	N	04/26/10	< 1.89 U	< 0.189 UJ	< 1.89 U	< 1.89 U	4560	< 1.89 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 189 U	< 18.9 U	< 189 U	< 189 U	1190	< 189 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 2 U	< 0.2 U	< 2 U	< 2 U	989	< 2 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 2 U	< 0.2 U	< 2 U	< 2 U	459	< 2 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-14
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Di-n-octyl phthalate	Diphenyl disulfide	Diphenyl sulfide	Diphenylamine	Fluoranthene	Fluorene
Units						µg/L	µg/L	µg/L		µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	--	--	1500	6.2
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 2.2 U	520 J-	< 10 U	--	< 1.5 U	< 1.2 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 5 U	1600 J	< 0.73 U	--	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 29 U	2790	< 32 U	< 29 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 114 U	2490	< 126 U	< 114 U	< 7.6 U	< 7.6 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 114 U	2590	< 126 U	< 114 U	< 7.6 U	< 7.6 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	2710	1130	< 177 U	< 17.7 U	< 17.7 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 113 U	3930	364 J	< 113 U	< 7.55 U	< 7.55 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 291 U	3050	< 320 U	--	< 19.4 U	< 19.4 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 283 U	2220	312 J	< 283 U	< 18.9 U	< 18.9 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 28.3 U	1350	< 31.1 U	< 28.3 U	< 1.89 U	< 1.89 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 2.83 U	4920	3.25 J	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 2.3 U	< 10 U	< 10 U	--	< 2.4 U	< 2 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 5 U	< 0.61 U	< 0.73 U	--	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 2.9 U	< 3.2 U	< 3.2 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 2.7 U	< 3 UJ	< 3 U	< 2.7 U	< 0.18 U	< 0.18 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 0.971 U	< 0.971 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 30 U	< 33 U	< 33 U	< 30 U	< 2 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 2.88 U	< 3.17 U	< 3.17 U	< 2.88 U	< 0.192 U	< 0.192 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 5 U	< 0.61 U	< 0.73 U	--	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 256 U	< 282 U	< 282 U	< 256 U	< 17.1 U	< 17.1 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 283 U	< 311 U	< 311 U	< 283 U	< 18.9 U	< 18.9 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 2.88 UJ	< 3.17 UJ	< 3.17 UJ	< 2.88 UJ	< 0.192 UJ	< 0.192 UJ
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 294 U	< 324 U	< 324 U	< 294 U	< 19.6 U	< 19.6 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 29 U	< 31 U	< 31 U	< 29 U	< 1.9 U	< 1.9 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 2.88 U	< 3.17 U	< 3.17 U	< 2.88 U	< 0.192 U	< 0.192 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 28.3 U	< 31.1 U	< 31.1 U	< 28.3 U	< 1.89 U	< 1.89 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 3.03 U	< 3.33 U	< 3.33 U	< 3.03 U	< 0.202 U	< 0.202 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 288 U	< 317 U	< 317 U	< 288 U	< 19.2 U	< 19.2 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 29 U	264	< 31 U	< 29 U	< 1.9 U	< 1.9 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	1300	< 385 U	< 385 U	< 38.5 U	< 38.5 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 57.1 U	596 J+	< 62.9 U	< 57.1 U	< 3.81 U	< 3.81 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 291 U	< 320 U	< 320 U	--	< 19.4 U	< 19.4 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 102 U	291 J	< 112 U	< 102 U	< 6.78 U	< 6.78 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 2.83 U	< 3.11 U	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 286 U	< 314 U	< 314 U	< 286 U	< 19 U	< 19 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Di-n-octyl phthalate	Diphenyl disulfide	Diphenyl sulfide	Diphenylamine	Fluoranthene	Fluorene
Units						µg/L	µg/L	µg/L		µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	--	--	1500	6.2
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 2.8 U	< 3.08 U	< 3.08 U	< 2.8 U	< 0.187 U	< 0.187 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 2.3 U	< 10 U	< 10 U	--	< 2.4 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 5 U	< 0.61 U	< 0.73 U	--	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 2.9 U	< 3.2 U	< 3.2 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 2.8 U	< 3.1 U	< 3.1 U	< 2.8 U	< 0.19 U	< 0.19 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U	< 0.826 U	< 0.826 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 2.54 U	< 2.8 U	< 2.8 U	--	< 0.169 U	< 0.169 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 2.91 U	< 3.2 U	< 3.2 U	< 2.91 U	< 0.194 U	< 0.194 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 2.2 U	< 10 U	< 10 U	--	< 1.5 UJ-	< 1.2 UJ-
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 2.2 U	< 10 U	< 10 U	--	< 1.5 UJ-	< 1.2 UJ-
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 5 U	1.3 J	< 0.73 U	--	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 2.9 U	< 3.2 U	< 3.2 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 2.9 U	< 3.2 U	< 3.2 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 2.4 U	< 2.6 U	< 2.6 U	< 2.4 U	< 0.16 U	< 0.16 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 0.943 U	< 0.943 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 2.94 U	< 3.24 U	< 3.24 U	< 2.94 U	< 0.196 U	< 0.196 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 2.2 U	< 10 U	< 10 U	--	< 1.5 U	< 1.2 UJ-
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 5 U	< 0.61 U	< 0.73 U	--	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 2.7 U	< 2.9 U	< 2.9 U	< 2.7 U	< 0.18 U	< 0.18 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 2.9 U	< 3.1 U	< 3.1 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 0.893 U	< 0.893 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 2.68 U	< 2.95 U	< 2.95 U	< 2.68 U	< 0.179 U	< 0.179 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 2.88 U	< 3.17 U	< 3.17 U	--	< 0.192 U	< 0.192 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 2.54 U	< 2.8 U	< 2.8 U	< 2.54 U	< 0.169 U	< 0.169 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 2.3 U	< 10 U	< 10 U	--	< 2.4 U	< 2 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 5 U	1.1 J-	< 0.73 U	--	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 2.9 U	5.32 J	< 3.1 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 11 U	< 13 U	< 13 U	< 11 U	< 0.76 U	< 0.76 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 2.6 U	4.37 J	< 2.9 U	< 2.6 U	< 0.17 U	< 0.17 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2.9 U	4.38 J	< 3.2 U	< 2.9 U	< 0.2 U	< 0.2 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	< 3.77 U	< 3.77 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 28.8 U	< 31.7 U	< 31.7 U	< 28.8 U	< 1.92 U	< 1.92 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 57.1 U	< 62.9 U	< 62.9 U	< 57.1 U	< 3.81 U	< 3.81 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 2.54 U	9	< 2.8 U	--	< 0.169 U	< 0.169 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 28.3 U	< 31.1 U	< 31.1 U	< 28.3 U	< 1.89 U	< 1.89 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 28.3 U	< 31.1 U	< 31.1 U	< 28.3 U	< 1.89 U	< 1.89 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Di-n-octyl phthalate	Diphenyl disulfide	Diphenyl sulfide	Diphenylamine	Fluoranthene	Fluorene
Units						µg/L	µg/L	µg/L		µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	--	--	1500	6.2
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 300 U	< 330 U	< 330 U	< 300 U	< 20 U	< 20 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 283 U	< 311 U	< 311 U	< 283 U	< 18.9 U	< 18.9 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 3 UJ	18.9 J-	< 3.3 UJ	< 3 UJ	< 0.2 UJ	< 0.2 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 2.83 U	12.8	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 2.3 U	160 J-	< 10 U	--	< 2.4 U	< 2 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 5 U	58 J-	< 0.73 U	--	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 3 U	34.8	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 2.9 U	41.4	< 3.2 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	81.1	< 9.43 U	< 9.43 U	< 0.943 U	< 0.943 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 2.83 U	197 J+	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 2.88 U	194 J+	< 3.17 U	< 2.88 U	< 0.192 U	< 0.192 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 2.83 U	140	< 3.11 U	--	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 2.83 U	68.2	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 70.8 U	121 J	< 77.8 U	< 70.8 U	< 4.72 U	< 4.72 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 2.83 U	51.5	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 2.3 U	< 10 U	< 10 U	--	< 2.4 U	< 2 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 5 U	5.2 J-	< 0.73 U	--	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 2.8 U	3.42 J	< 3.1 U	< 2.8 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 2.9 U	7.27 J	< 3.2 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	8.14 J	< 9.52 U	< 9.52 U	< 0.952 U	< 0.952 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 2.86 U	9.81 J+	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 2.83 U	8.38 J	< 3.11 U	--	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 2.83 U	3.12 J	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 2.83 U	6.87 J	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 143 U	< 157 U	< 157 U	< 143 U	< 9.52 U	< 9.52 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 2.9 U	< 3.1 U	< 3.1 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 2.9 U	< 3.2 U	< 3.2 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 0.943 U	< 0.943 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 0.943 U	< 0.943 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 2.91 U	< 3.2 U	< 3.2 U	< 2.91 U	< 0.194 U	< 0.194 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 3.19 U	< 3.51 U	< 3.51 U	--	< 0.213 U	< 0.213 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 2.83 U	< 3.11 U	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 2.83 U	< 3.11 U	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 2.9 U	41.5	< 3.1 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 2.9 U	33	< 3.2 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	48.3	5.02 J	< 9.62 U	< 0.962 U	< 0.962 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 2.54 U	63.8 J+	< 2.8 U	< 2.54 U	< 0.169 U	< 0.169 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 2.83 U	40.1	< 3.11 U	--	< 0.189 U	< 0.189 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 3 U	51.9	4.57 J	< 3 U	< 0.2 U	< 0.2 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 2.83 U	64.4	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 3 U	51.5	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 2.9 U	< 3.1 U	< 3.1 U	< 2.9 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 2.8 U	< 3.1 U	< 3.1 U	< 2.8 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 0.962 U	< 0.962 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 0.943 U	< 0.943 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Di-n-octyl phthalate	Diphenyl disulfide	Diphenyl sulfide	Diphenylamine	Fluoranthene	Fluorene
Units						µg/L	µg/L	µg/L		µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	--	--	1500	6.2
Shallow	Downgradient	M7B	55d	N	10/28/09	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 2.86 U	< 3.14 U	< 3.14 U	--	< 0.19 U	< 0.19 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 2.83 U	< 3.11 U	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 2.97 U	< 3.27 U	< 3.27 U	< 2.97 U	< 0.198 U	< 0.198 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 3.3 U	--	--	--	< 2.9 U	< 2.9 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 3.3 U	--	--	--	< 2.8 U	< 2.8 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 28.3 U	< 31.1 U	< 31.1 U	< 28.3 U	< 1.89 U	< 1.89 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 5.66 U	< 6.23 U	< 6.23 U	< 5.66 U	< 0.377 U	< 0.377 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 28.3 U	< 31.1 U	< 31.1 U	< 28.3 U	< 1.89 U	< 1.89 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 3.3 U	--	--	--	< 2.8 U	< 2.8 U
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 2.68 U	536	4.15 J+	--	< 0.179 U	< 0.179 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 28.3 U	456	< 31.1 U	< 28.3 U	< 1.89 U	< 1.89 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 14.2 U	399	< 15.6 U	< 14.2 U	< 0.943 U	< 0.943 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 29.1 U	186	< 32 U	< 29.1 U	< 1.94 U	< 1.94 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 300 U	< 330 U	< 330 U	< 300 U	< 20 U	< 20 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 120 U	< 132 U	< 132 U	--	< 8 U	< 8 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 283 U	< 311 U	< 311 U	< 283 U	< 18.9 U	< 18.9 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 28.8 U	< 31.7 U	< 31.7 U	< 28.8 U	< 1.92 U	< 1.92 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 3.3 U	--	--	--	< 2.8 U	< 2.8 U
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 2.83 U	< 3.11 U	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 6 U	< 6.6 U	< 6.6 U	< 6 U	< 0.4 U	< 0.4 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 3.3 U	--	--	--	< 2.9 U	< 2.9 U
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 2.97 U	< 3.27 U	< 3.27 U	--	< 0.198 U	< 0.198 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 2.83 U	< 3.11 U	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 6 U	< 6.6 U	< 6.6 U	< 6 U	< 0.4 U	< 0.4 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 33 U	--	--	--	< 28 U	< 28 U
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 60 U	< 66 U	< 66 U	< 60 U	< 4 U	< 4 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 2.83 U	< 3.11 U	< 3.11 U	< 2.83 U	< 0.189 U	< 0.189 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 3.4 U	--	--	--	< 2.9 U	< 2.9 U
Deep	Upgradient	MW-8	55e	N	05/12/10	< 2.86 U	< 3.14 U	< 3.14 U	--	< 0.19 U	< 0.19 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 113 U	< 125 U	< 125 U	< 113 U	< 7.55 U	< 7.55 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 3.4 U	--	--	--	< 2.9 U	< 2.9 U
Deep	Downgradient	TR-11	55e	N	04/26/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 283 U	< 311 U	< 311 U	< 283 U	< 18.9 U	< 18.9 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 2.86 U	< 3.14 U	< 3.14 U	< 2.86 U	< 0.19 U	< 0.19 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 3.3 U	--	--	--	< 2.8 U	< 2.8 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Di-n-octyl phthalate	Diphenyl disulfide	Diphenyl sulfide	Diphenylamine	Fluoranthene	Fluorene
Units						µg/L	µg/L	µg/L		µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	--	--	1500	6.2
Deep	Downgradient	TR-12	55e	N	04/26/10	< 2.83 U	< 3.11 U	< 3.11 U	--	< 0.189 U	< 0.189 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 283 U	< 311 U	< 311 U	< 283 U	< 18.9 U	< 18.9 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 3 U	< 3.3 U	< 3.3 U	< 3 U	< 0.2 U	< 0.2 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Hydroxymethyl phthalimide	Isophorone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						1	--	50	--	--	--
BCL						1	0.86	50	4.8	--	71
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 1.2 U	< 0.91 U	< 2.5 U	< 0.8 U	< 10 U	< 1.1 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 20 U	< 20 U	< 20 U	< 20 U	< 32 UJ	< 20 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 76 U	< 76 U	< 76 U	< 76 U	< 126 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 76 U	< 76 U	< 76 U	< 76 U	< 126 U	< 76 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 177 U	< 177 UJ	< 177 U	< 177 U	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 75.5 U	< 75.5 U	< 75.5 U	< 75.5 U	< 125 U	< 75.5 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 194 U	< 194 U	< 194 UJ	< 194 U	< 320 U	< 194 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 189 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 18.9 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 1.8 U	< 0.29 U	< 2.5 U	< 2.4 U	< 10 U	< 1.8 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 UJ	< 1.9 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 3 U	< 1.8 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 20 U	< 20 U	< 20 U	< 20 U	< 33 U	< 20 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 UJ	< 2 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U	< 3.17 U	< 1.92 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 171 U	< 171 U	< 171 U	< 171 U	< 282 U	< 171 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 189 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.92 UJ	< 1.92 UJ	< 1.92 UJ	< 1.92 UJ	< 3.17 UJ	< 1.92 UJ
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 196 U	< 196 U	< 196 U	< 196 U	< 324 U	< 196 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 19 U	< 19 U	< 19 U	< 19 U	< 31 U	< 19 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U	< 3.17 U	< 1.92 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 18.9 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 2.02 U	< 2.02 U	< 2.02 U	< 2.02 U	< 3.33 U	< 2.02 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 192 U	< 192 U	< 192 U	< 192 U	< 317 U	< 192 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 19 U	< 19 U	< 19 U	< 19 U	< 31 U	< 19 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 385 U	< 385 U	< 385 U	< 385 U	< 385 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 38.1 U	< 38.1 U	< 38.1 UJ	< 38.1 U	< 62.9 U	< 38.1 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 194 U	< 194 U	< 194 UJ	< 194 U	< 320 U	< 194 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 67.8 U	< 67.8 U	< 67.8 U	< 67.8 U	< 112 U	< 67.8 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 190 U	< 190 U	< 190 U	< 190 U	< 314 U	< 190 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 1.9 U	< 1.9 U	< 1.9 UJ	< 1.9 U	< 3.14 U	< 1.9 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Hydroxymethyl phthalimide	Isophorone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						1	--	50	--	--	--
BCL						1	0.86	50	4.8	--	71
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 1.87 U	< 1.87 U	< 1.87 U	< 1.87 U	< 3.08 U	< 1.87 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 1.8 U	< 0.29 U	< 2.5 U	< 2.4 U	< 10 U	< 1.8 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 UJ	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 1.9 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	< 1.69 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 UJ	< 2 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 1.94 U	< 1.94 U	< 1.94 U	< 1.94 U	< 3.2 U	< 1.94 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 1.2 UJ-	< 0.91 UJ-	< 2.5 U	2.9 J-	< 10 U	< 1.1 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 1.2 UJ-	< 0.91 UJ-	< 2.5 U	3.2 J-	< 10 U	< 1.1 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 UJ	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 UJ	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 1.6 U	< 1.6 U	< 1.6 U	< 1.6 U	< 2.6 U	< 1.6 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 1.9 U	< 1.9 U	< 1.9 UJ	< 1.9 U	< 3.14 UJ	< 1.9 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.96 U	< 1.96 U	< 1.96 U	< 1.96 U	< 3.24 UJ	< 1.96 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 1.2 U	< 0.91 U	< 2.5 U	< 0.8 U	< 10 U	< 1.1 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 1.8 U	< 1.8 U	< 1.8 U	< 1.8 U	< 2.9 UJ	< 1.8 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 1.79 U	< 1.79 U	< 1.79 UJ	< 1.79 U	< 2.95 UJ	< 1.79 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 1.92 U	< 1.92 U	< 1.92 UJ	< 1.92 U	< 3.17 U	< 1.92 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	< 1.69 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 UJ	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 1.8 U	< 0.29 U	< 2.5 U	< 2.4 U	< 10 U	< 1.8 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 1.9 U	< 1.9 U	< 1.9 UJ	< 1.9 U	< 3.1 U	< 1.9 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 7.6 U	< 7.6 U	< 7.6 UJ	< 7.6 U	< 13 U	< 7.6 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 1.7 U	< 1.7 U	< 1.7 U	< 1.7 U	< 2.9 U	< 1.7 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2 U	< 2 U	< 2 U	< 2 U	< 3.2 U	< 2 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 19.2 U	< 19.2 U	< 19.2 UJ	< 19.2 U	< 31.7 U	< 19.2 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 38.1 U	< 38.1 U	< 38.1 UJ	< 38.1 U	< 62.9 U	< 38.1 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 1.69 U	< 1.69 U	< 1.69 UJ	< 1.69 U	< 2.8 U	< 1.69 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 18.9 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 18.9 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Hydroxymethyl phthalimide	Isophorone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						1	--	50	--	--	--
BCL						1	0.86	50	4.8	--	71
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 200 U	< 200 U	< 200 U	< 200 U	< 330 U	< 200 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 189 U	< 189 U	< 189 U	< 189 U	< 311 UJ	< 189 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 2 UJ	< 2 UJ	< 2 UJ	< 2 UJ	< 3.3 UJ	< 2 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 1.8 U	< 0.29 U	< 2.5 U	< 2.4 U	< 10 U	< 1.8 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 1.9 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 1.92 U	< 1.92 U	< 1.92 U	< 1.92 U	< 3.17 U	< 1.92 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 47.2 U	< 47.2 U	< 47.2 U	< 47.2 U	< 77.8 UJ	< 47.2 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 1.8 U	< 0.29 U	< 2.5 U	< 2.4 U	< 10 U	< 1.8 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1 U	< 1 U	< 2.5 UJ	< 1 U	< 1.4 U	< 1 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 9.52 U	< 9.52 UJ	< 9.52 U	< 9.52 U	< 9.52 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 95.2 U	< 95.2 U	< 95.2 U	< 95.2 U	< 157 U	< 95.2 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 1.9 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 1.9 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 1.94 U	< 1.94 U	< 1.94 U	< 1.94 U	< 3.2 U	< 1.94 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 2.13 U	< 2.13 U	< 2.13 U	< 2.13 U	< 3.51 U	< 2.13 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 1.9 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.2 U	< 1.9 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	< 9.62 U	< 9.62 UJ	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 1.69 U	< 1.69 U	< 1.69 U	< 1.69 U	< 2.8 U	< 1.69 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 1.9 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.1 U	< 1.9 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Hydroxymethyl phthalimide	Isophorone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						1	--	50	--	--	--
BCL						1	0.86	50	4.8	--	71
Shallow	Downgradient	M7B	55d	N	10/28/09	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 1.9 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 1.98 U	< 1.98 U	< 1.98 UJ	< 1.98 U	< 3.27 U	< 1.98 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 2 U	< 2 U	< 2 UJ	< 2 U	< 3.3 U	< 2 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 2.9 U	< 3.8 U	< 4.8 U	< 3.3 U	--	< 2.9 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 2.8 U	< 3.8 U	< 4.7 U	< 3.3 U	--	< 2.8 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 18.9 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 3.77 U	< 3.77 U	< 3.77 U	< 3.77 U	< 6.23 U	< 3.77 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 18.9 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 2.8 U	< 3.8 U	< 4.7 U	< 3.3 U	--	< 2.8 U
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 1.79 U	< 1.79 U	< 1.79 U	< 1.79 U	< 2.95 U	< 1.79 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 18.9 U	< 18.9 U	< 31.1 U	< 18.9 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 15.6 U	< 9.43 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 19.4 U	< 19.4 U	< 19.4 U	< 19.4 U	< 32 U	< 19.4 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 200 U	< 200 U	< 200 UJ	< 200 U	< 330 U	< 200 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 80 U	< 80 U	< 80 U	< 80 U	< 132 U	< 80 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 189 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 UJ	< 1.9 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 19.2 U	< 19.2 U	< 19.2 U	< 19.2 U	< 31.7 U	< 19.2 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2.8 U	< 3.8 U	< 4.7 U	< 3.3 U	--	< 2.8 U
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 UJ	< 1.9 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 4 U	< 4 U	< 4 U	< 4 U	< 6.6 U	< 4 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 2.9 U	< 3.8 U	< 4.8 U	< 3.3 U	--	< 2.9 U
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 1.98 U	< 1.98 U	< 1.98 U	< 1.98 U	< 3.27 U	< 1.98 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 UJ	< 1.9 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 4 U	< 4 U	< 4 U	< 4 U	< 6.6 U	< 4 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 28 U	< 38 UJ	< 47 UJ	< 33 UJ	--	< 28 U
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 1.89 U	< 1.89 U	< 1.89 UJ	< 1.89 U	< 3.11 U	< 1.89 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 40 U	< 40 U	< 40 U	< 40 U	< 66 U	< 40 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 2.9 U	< 3.9 U	< 4.9 U	< 3.4 U	--	< 2.9 U
Deep	Upgradient	MW-8	55e	N	05/12/10	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 1.9 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 75.5 U	< 75.5 U	< 75.5 U	< 75.5 U	< 125 U	< 75.5 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 1.9 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 2.9 U	< 3.8 U	< 4.8 U	< 3.4 U	--	< 2.9 U
Deep	Downgradient	TR-11	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 189 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 1.9 U	< 1.9 U	< 1.9 U	< 1.9 U	< 3.14 U	< 1.9 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 2.8 U	< 3.8 U	< 4.7 U	< 3.3 U	--	< 2.8 U

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Hexachlorobenzene	Hexachlorobutadiene	Hexachlorocyclopentadiene	Hexachloroethane	Hydroxymethyl phthalimide	Isophorone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						1	--	50	--	--	--
BCL						1	0.86	50	4.8	--	71
Deep	Downgradient	TR-12	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 1.89 U	< 1.89 U	< 3.11 U	< 1.89 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 189 U	< 189 U	< 189 U	< 189 U	< 311 U	< 189 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 2 U	< 2 U	< 2 U	< 2 U	< 3.3 U	< 2 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	m,p-Cresols	Naphthalene	Nitrobenzene	N-Nitrosodipropylamine	o-Cresol	Octachlorostyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						180	0.14	0.12	0.0096	1800	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 1.7 U	< 1.1 U	< 0.86 U	< 2.4 U	< 0.93 U	--
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 1.2 U	6 J	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 29 U	< 2.9 U	< 29 U	< 20 U	< 20 U	< 32 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 114 U	< 11 U	< 114 U	< 76 U	< 76 U	< 126 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 114 U	< 11 U	< 114 U	< 76 U	< 76 U	< 126 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 17.7 U	< 177 U	< 177 U	< 177 U	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 113 U	< 11.3 U	< 113 U	< 75.5 U	< 75.5 U	< 125 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 291 U	< 29.1 U	< 291 U	< 194 U	< 194 U	< 320 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 283 U	< 28.3 U	< 283 U	< 189 U	< 189 U	< 311 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 28.3 U	< 2.83 U	< 28.3 U	< 18.9 U	< 18.9 U	< 31.1 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	3.65 J	1.9	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 1.1 U	< 2 U	< 2 U	< 2 U	< 1.2 U	--
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1.2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.2 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 2.7 U	< 0.27 U	< 2.7 U	< 1.8 U	< 1.8 U	< 3 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 0.971 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 30 U	< 3 U	< 30 U	< 20 U	< 20 U	< 33 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 2.88 U	< 0.288 U	< 2.88 U	< 1.92 U	< 1.92 U	< 3.17 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1.2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 3 U	2.06	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 256 U	< 25.6 U	< 256 U	< 171 U	< 171 U	< 282 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 283 U	< 28.3 U	< 283 U	< 189 U	< 189 U	< 311 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 2.88 U	< 0.288 U	< 2.88 U	< 1.92 U	< 1.92 U	< 3.17 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 294 U	< 29.4 U	< 294 U	< 196 U	< 196 U	< 324 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 29 U	< 2.9 U	< 29 U	< 19 U	< 19 U	< 31 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 2.88 U	< 0.288 U	< 2.88 U	< 1.92 U	< 1.92 U	< 3.17 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 28.3 U	< 2.83 U	< 28.3 U	< 18.9 U	< 18.9 U	< 31.1 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 3.03 U	< 0.303 U	< 3.03 U	< 2.02 U	< 2.02 U	< 3.33 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 288 U	< 28.8 U	< 288 U	< 192 U	< 192 U	< 317 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 29 U	< 2.9 U	< 29 U	< 19 U	< 19 U	< 31 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 38.5 U	< 385 U	< 385 U	< 385 U	< 385 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 57.1 U	< 5.71 U	< 57.1 U	< 38.1 U	< 38.1 U	< 62.9 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 291 U	< 29.1 U	< 291 U	< 194 U	< 194 U	< 320 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 102 U	< 10.2 U	< 102 U	< 67.8 U	< 67.8 U	< 112 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 286 U	< 28.6 U	< 286 U	< 190 U	< 190 U	< 314 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	m,p-Cresols	Naphthalene	Nitrobenzene	N-Nitrosodipropylamine	o-Cresol	Octachlorostyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						180	0.14	0.12	0.0096	1800	--
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 2.8 U	< 0.28 U	< 2.8 U	< 1.87 U	< 1.87 U	< 3.08 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 1.1 U	< 2 U	< 2 U	< 2 U	< 1.2 U	--
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1.2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.2 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 2.8 U	< 0.28 U	< 2.8 U	< 1.9 U	< 1.9 U	< 3.1 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 U	< 0.826 U	< 8.26 U	< 8.26 U	< 8.26 U	< 8.26 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 2.86 U	19.6	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 2.54 U	< 0.254 U	< 2.54 U	< 1.69 U	< 1.69 U	< 2.8 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 2.91 U	< 0.291 U	< 2.91 U	< 1.94 U	< 1.94 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 1.7 U	< 1.1 UJ-	< 0.86 U	< 2.4 U	2.3 J-	--
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 1.7 U	< 1.1 UJ-	< 0.86 U	< 2.4 U	< 0.93 U	--
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1.2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.2 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 2.4 U	< 0.24 U	< 2.4 U	< 1.6 U	< 1.6 U	< 2.6 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 2.94 U	< 0.294 U	< 2.94 U	< 1.96 U	< 1.96 U	< 3.24 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 1.7 U	< 1.1 U	< 0.86 U	< 2.4 U	< 0.93 U	--
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1.2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 2.7 U	< 0.27 U	< 2.7 U	< 1.8 U	< 1.8 U	< 2.9 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.1 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 0.893 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 2.68 U	1.42	< 2.68 U	< 1.79 U	< 1.79 U	< 2.95 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 2.88 U	< 0.288 U	< 2.88 U	< 1.92 U	< 1.92 U	< 3.17 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 2.54 U	< 0.254 U	< 2.54 U	< 1.69 U	< 1.69 U	< 2.8 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 1.1 U	< 2 U	< 2 U	< 2 U	< 1.2 U	--
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1.2 U	19 J-	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 2.9 U	1.8	< 2.9 U	< 1.9 U	< 1.9 U	< 3.1 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 11 U	2.41 J	< 11 U	< 7.6 U	< 7.6 U	< 13 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 2.6 U	2.26	< 2.6 U	< 1.7 U	< 1.7 U	< 2.9 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2.9 U	2.5	< 2.9 U	< 2 U	< 2 U	< 3.2 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	1.87 J	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 28.8 U	< 2.88 U	< 28.8 U	< 19.2 U	< 19.2 U	< 31.7 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 57.1 U	< 5.71 U	< 57.1 U	< 38.1 U	< 38.1 U	< 62.9 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 2.54 U	2.45	< 2.54 U	< 1.69 U	< 1.69 U	< 2.8 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 28.3 U	< 2.83 U	< 28.3 U	< 18.9 U	< 18.9 U	< 31.1 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 28.3 U	< 2.83 U	< 28.3 U	< 18.9 U	< 18.9 U	< 31.1 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	m,p-Cresols	Naphthalene	Nitrobenzene	N-Nitrosodipropylamine	o-Cresol	Octachlorostyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						180	0.14	0.12	0.0096	1800	--
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 300 U	< 30 U	< 300 U	< 200 U	< 200 U	< 330 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 283 U	< 28.3 U	< 283 U	< 189 U	< 189 U	< 311 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 3 UJ	3.43 J-	< 3 UJ	< 2 UJ	< 2 UJ	< 3.3 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 2.83 U	2.58	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 1.1 U	< 2 U	< 2 U	< 2 U	< 1.2 U	--
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1.2 U	3.5 J-	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 3 U	0.373 J	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 2.9 U	1.52	< 2.9 U	< 1.9 U	< 1.9 U	< 3.2 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 2.83 U	0.315 J	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 2.88 U	< 0.288 U	< 2.88 U	< 1.92 U	< 1.92 U	< 3.17 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 70.8 U	< 7.08 U	< 70.8 U	< 47.2 U	< 47.2 U	< 77.8 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 1.1 U	< 2 U	< 2 U	< 2 U	< 1.2 U	--
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1.2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 0.68 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 2.8 U	< 0.28 U	< 2.8 U	< 1.9 U	< 1.9 U	< 3.1 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.2 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 0.952 U	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 143 U	< 14.3 U	< 143 U	< 95.2 U	< 95.2 U	< 157 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 2.9 U	0.3 J	< 2.9 U	< 1.9 U	< 1.9 U	< 3.1 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 2.9 U	2.18	< 2.9 U	< 1.9 U	< 1.9 U	< 3.2 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 2.91 U	< 0.291 U	< 2.91 U	< 1.94 U	< 1.94 U	< 3.2 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 3.19 U	< 0.319 U	< 3.19 U	< 2.13 U	< 2.13 U	< 3.51 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.1 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.2 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	< 0.962 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 2.54 U	< 0.254 U	< 2.54 U	< 1.69 U	< 1.69 U	< 2.8 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 2.9 U	< 0.29 U	< 2.9 U	< 1.9 U	< 1.9 U	< 3.1 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 2.8 U	< 0.28 U	< 2.8 U	< 1.9 U	< 1.9 U	< 3.1 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 9.62 U	< 0.962 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 9.43 U	< 0.943 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	m,p-Cresols	Naphthalene	Nitrobenzene	N-Nitrosodipropylamine	o-Cresol	Octachlorostyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						180	0.14	0.12	0.0096	1800	--
Shallow	Downgradient	M7B	55d	N	10/28/09	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 2.97 U	< 0.297 U	< 2.97 U	< 1.98 U	< 1.98 U	< 3.27 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	< 2.9 U	< 2.9 U	< 3.3 U	--	--
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 2.8	< 2.8 U	< 2.8 U	< 3.3 U	< 2.8 U	--
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 28.3 U	< 2.83 U	< 28.3 U	< 18.9 U	< 18.9 U	< 31.1 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 5.66 U	< 0.566 U	< 5.66 U	< 3.77 U	< 3.77 U	< 6.23 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 28.3 U	< 2.83 U	< 28.3 U	< 18.9 U	< 18.9 U	< 31.1 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	4	< 2.8 U	< 3.3 U	--	--
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 2.68 U	< 0.268 U	< 2.68 U	< 1.79 U	< 1.79 U	< 2.95 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 28.3 U	< 2.83 U	< 28.3 U	< 18.9 U	< 18.9 U	< 31.1 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 14.2 U	< 1.42 U	< 14.2 U	< 9.43 U	< 9.43 U	< 15.6 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 29.1 U	< 2.91 U	< 29.1 U	< 19.4 U	< 19.4 U	< 32 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 300 U	< 30 U	< 300 U	< 200 U	< 200 U	< 330 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 120 U	< 12 U	< 120 U	< 80 U	< 80 U	< 132 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 283 U	< 28.3 U	< 283 U	< 189 U	< 189 U	< 311 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 28.8 U	< 2.88 U	< 28.8 U	< 19.2 U	< 19.2 U	< 31.7 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	< 2.8 U	< 2.8 U	< 3.3 U	--	--
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 6 U	< 0.6 U	< 6 U	< 4 U	< 4 U	< 6.6 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	< 2.9 U	< 2.9 U	< 3.3 U	--	--
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 2.97 U	< 0.297 U	< 2.97 U	< 1.98 U	< 1.98 U	< 3.27 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 6 U	< 0.6 U	< 6 U	< 4 U	< 4 U	< 6.6 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	< 28 U	< 28 U	< 33 U	--	--
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 60 U	< 6 U	< 60 U	< 40 U	< 40 U	< 66 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	< 2.9 U	< 2.9 U	< 3.4 U	--	--
Deep	Upgradient	MW-8	55e	N	05/12/10	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 113 U	< 11.3 U	< 113 U	< 75.5 U	< 75.5 U	< 125 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	< 2.9 U	< 2.9 U	< 3.4 U	--	--
Deep	Downgradient	TR-11	55e	N	04/26/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 283 U	< 28.3 U	< 283 U	< 189 U	< 189 U	< 311 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 2.86 U	< 0.286 U	< 2.86 U	< 1.9 U	< 1.9 U	< 3.14 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	< 2.8 U	< 2.8 U	< 3.3 U	--	--

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	m,p-Cresols	Naphthalene	Nitrobenzene	N-Nitrosodipropylamine	o-Cresol	Octachlorostyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						180	0.14	0.12	0.0096	1800	--
Deep	Downgradient	TR-12	55e	N	04/26/10	< 2.83 U	< 0.283 U	< 2.83 U	< 1.89 U	< 1.89 U	< 3.11 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 283 U	< 28.3 U	< 283 U	< 189 U	< 189 U	< 311 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 3 U	0.38 J	< 3 U	< 2 U	< 2 U	< 3.3 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 3 U	< 0.3 U	< 3 U	< 2 U	< 2 U	< 3.3 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Pentachlorobenzene	Pentachlorophenol	Phenol	Phenyl sulfone	Pyridine	Thiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	1	--	--	--	--
BCL						29	1	11000	110	32	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.3 U	< 3.8 U	6.3 J	< 10 U	< 1.7 U	60
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 2.7 U	< 2 U	< 4 U	< 0.27 U	< 5 U	11
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 20 U	< 20 U	< 9.8 U	< 32 U	< 9.8 U	120
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 76 U	< 76 U	< 38 U	< 126 U	< 38 U	1120 J
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 76 U	< 76 U	< 38 U	< 126 U	< 38 U	496 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 177 U	< 177 U	< 177 U	< 177 U	< 177 U	< 177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 75.5 U	< 75.5 U	< 37.7 U	< 125 U	< 37.7 U	403
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 194 U	< 194 U	< 97.1 U	< 320 U	< 97.1 UJ	< 641 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 623 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 18.9 U	< 18.9 U	11.4 J	< 31.1 U	< 9.43 U	1510
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	7970
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 0.3 U	< 1.4 U	15	< 10 U	< 1.7 U	< 10 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 2.7 U	< 2 U	< 4 U	< 0.27 U	< 5 U	< 2 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 1.9 U	8.6 J	< 0.97 U	< 3.2 U	< 0.97 U	< 6.4 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 1.8 U	< 1.8 U	< 0.89 U	< 3 U	< 0.89 U	< 5.9 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U	< 9.71 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 20 U	< 20 U	< 10 U	< 33 U	< 10 U	< 66 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 UJ	< 6.23 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 2 U	5.63 J	5.28 J	< 3.3 U	< 1 U	< 6.6 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 1.92 U	< 1.92 U	< 0.962 U	< 3.17 U	< 0.962 U	< 6.35 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 2.7 U	< 2 U	< 4 U	< 0.27 U	< 5 U	110
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 2 U	< 2 U	1.57 J	< 3.3 U	< 1 U	15.3
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 UJ	8.42 J
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 171 U	< 171 U	< 85.5 U	< 282 U	< 85.5 U	< 564 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 623 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.92 UJ	< 1.92 U	< 0.962 U	< 3.17 UJ	< 0.962 UJ	< 6.35 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	8.4 J
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 196 U	< 196 U	< 98 U	< 324 U	< 98 U	< 647 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 19 U	< 19 U	< 9.5 U	< 31 U	< 9.5 U	< 63 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 1.92 U	< 1.92 U	1.43 J	< 3.17 U	< 0.962 U	< 6.35 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 1.89 U	< 1.89 U	1.13 J	< 3.11 U	< 0.943 UJ	< 6.23 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 9.43 U	< 31.1 U	< 9.43 U	< 62.3 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 2.02 U	< 2.02 U	< 1.01 U	< 3.33 U	< 1.01 U	< 6.67 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 192 U	< 192 U	< 96.2 U	< 317 U	< 96.2 U	< 635 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 19 U	< 19 U	38.3 J	< 31 U	< 9.5 U	244
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 385 U	< 385 U	82.6 J	< 385 U	< 385 U	449
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 38.1 U	< 38.1 U	42.7 J	< 62.9 U	< 19 U	< 126 UJ
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 194 U	< 194 U	< 97.1 U	< 320 U	< 97.1 UJ	< 641 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 67.8 U	< 67.8 U	< 33.9 U	< 112 U	< 33.9 U	< 224 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 190 U	< 190 U	< 95.2 U	< 314 U	< 95.2 U	< 629 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 UJ	< 6.23 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U

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SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Pentachlorobenzene	Pentachlorophenol	Phenol	Phenyl sulfone	Pyridine	Thiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	1	--	--	--	--
BCL						29	1	11000	110	32	--
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 1.87 U	< 1.87 U	< 0.935 U	< 3.08 U	< 0.935 U	< 6.17 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 0.3 U	< 1.4 U	< 0.52 U	< 10 U	< 1.7 U	< 10 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 2.7 U	< 2 U	< 4 U	< 0.27 U	< 5 U	< 2 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 0.96 U	< 3.2 U	< 0.96 U	< 6.4 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 1.9 U	< 1.9 U	1.73 J	< 3.1 U	< 0.94 U	< 6.2 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 8.26 U	< 8.26 U	1.62 J	< 8.26 U	< 8.26 U	< 8.26 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 1.9 U	< 1.9 U	1.33 J	< 3.14 U	< 0.952 U	< 6.29 UJ
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 1.69 U	< 1.69 U	< 0.847 U	< 2.8 U	< 0.847 UJ	< 5.59 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 1.94 U	< 1.94 U	1.75 J	< 3.2 U	< 0.971 U	< 6.41 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.3 U	< 3.8 U	< 0.52 U	< 10 U	< 1.7 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.3 U	< 3.8 U	< 0.52 U	< 10 U	< 1.7 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 2.7 U	< 2 U	< 4 U	< 0.27 U	< 5 U	< 2 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 1.9 U	< 1.9 U	< 0.96 U	< 3.2 U	< 0.96 U	< 6.4 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 1.9 U	< 1.9 U	< 0.96 U	< 3.2 U	< 0.96 U	< 6.4 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 1.6 U	< 1.6 U	< 0.79 U	< 2.6 U	< 0.79 U	< 5.2 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 UJ
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 UJ	< 6.23 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 1.96 U	< 1.96 U	< 0.98 U	< 3.24 U	< 0.98 U	< 6.47 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.3 U	< 3.8 U	< 0.52 U	< 10 U	< 1.7 U	< 10 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 2.7 U	< 2 U	< 4 U	< 0.27 U	< 5 U	< 2 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 1.8 U	< 1.8 U	< 0.88 U	< 2.9 U	< 0.88 U	< 5.8 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 1.9 U	< 1.9 U	< 0.95 U	< 3.1 U	< 0.95 U	< 6.3 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U	< 8.93 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 1.79 U	< 1.79 U	< 0.893 U	< 2.95 U	< 0.893 U	< 5.89 UJ
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 1.92 U	< 1.92 U	< 0.962 U	< 3.17 U	< 0.962 UJ	< 6.35 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 1.69 U	< 1.69 U	< 0.847 U	< 2.8 U	< 0.847 U	< 5.59 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 0.3 U	< 1.4 U	18	< 10 U	< 1.7 U	< 10 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 2.7 U	6.6 J-	13	< 0.27 U	< 5 U	8.2 J
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 1.9 U	15.4	2.67 J	< 3.1 U	< 0.95 U	21.7
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 7.6 U	33.2 J	4.08 J	< 13 U	< 3.8 U	28.3 J
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 1.7 U	11.5	3.22 J	< 2.9 U	< 0.87 U	21.6
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2 U	12.9	3.95 J	< 3.2 U	< 0.98 U	23.1
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	< 37.7 U	25.3 J
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 19.2 U	< 19.2 U	< 9.62 U	< 31.7 U	< 9.62 U	< 63.5 UJ
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 38.1 U	< 38.1 U	< 19 U	< 62.9 U	< 19 U	< 126 UJ
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 1.69 U	6.35 J	1.86 J	< 2.8 U	< 0.847 UJ	19
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 18.9 U	< 18.9 U	< 9.43 U	< 31.1 U	< 9.43 U	< 62.3 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 18.9 U	< 18.9 U	< 9.43 U	< 31.1 U	< 9.43 U	< 62.3 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Pentachlorobenzene	Pentachlorophenol	Phenol	Phenyl sulfone	Pyridine	Thiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	1	--	--	--	--
BCL						29	1	11000	110	32	--
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 200 U	< 200 U	< 100 U	< 330 U	< 100 U	< 660 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 623 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 2 UJ	7.13 J-	2.6 J-	< 3.3 UJ	< 1 UJ	24.2 J-
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 1.89 U	6.98 J	9.16 J	< 3.11 U	< 0.943 U	17
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.3 U	< 1.4 U	1000 J-	< 10 U	< 1.7 U	< 10 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 2.7 U	< 2 U	< 4 U	< 0.27 U	< 5 U	6.3 J
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	19.2
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 1.9 U	< 1.9 U	< 0.97 U	< 3.2 U	< 0.97 U	9.72
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	10.7
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	8.1 J
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 1.92 U	< 1.92 U	< 0.962 U	< 3.17 U	< 0.962 U	11.9
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 UJ	8 J
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	33.6
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 47.2 U	< 47.2 U	< 23.6 U	< 77.8 U	< 23.6 U	< 156 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 1.89 U	< 1.89 U	2.26 J	< 3.11 U	< 0.943 U	28.4
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.3 U	< 1.4 U	< 0.52 U	< 10 U	< 1.7 U	< 10 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 2.7 U	< 2 U	< 4 U	< 0.27 U	< 5 U	< 2 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 0.94 U	< 3.1 U	< 0.94 U	8.98 J
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 0.96 U	< 3.2 U	< 0.96 U	14.7
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U	< 9.52 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 UJ
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 UJ	< 6.23 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 95.2 U	< 95.2 U	< 47.6 U	< 157 U	< 47.6 U	< 314 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 1.9 U	< 1.9 U	< 0.95 U	< 3.1 U	< 0.95 U	< 6.3 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 1.9 U	< 1.9 U	< 0.97 U	< 3.2 U	< 0.97 U	< 6.4 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 1.94 U	< 1.94 U	< 0.971 U	< 3.2 U	< 0.971 U	< 6.41 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 2.13 U	< 2.13 U	< 1.06 U	< 3.51 U	< 1.06 UJ	< 7.02 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 1.9 U	< 1.9 U	< 0.95 U	< 3.1 U	< 0.95 U	16.3
Shallow	Downgradient	H-43	55b	N	04/21/09	< 1.9 U	< 1.9 U	< 0.97 U	< 3.2 U	< 0.97 U	54
Shallow	Downgradient	H-43	55c	N	07/30/09	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	13.5
Shallow	Downgradient	H-43	55d	N	10/23/09	< 1.69 U	< 1.69 U	< 0.847 U	< 2.8 U	< 0.847 U	8.5 J-
Shallow	Downgradient	H-43	55e	N	05/11/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 UJ	10.1
Shallow	Downgradient	H-43	55f	N	10/26/10	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	11.1
Shallow	Downgradient	H-43	55h	N	10/20/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Downgradient	M7B	55a	N	02/03/09	3.29 J	< 1.9 U	< 0.95 U	< 3.1 U	< 0.95 U	< 6.3 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.9 U	< 1.9 U	< 0.94 U	< 3.1 U	< 0.94 U	< 6.2 U
Shallow	Downgradient	M7B	55c	N	07/28/09	2.51 J	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U	< 9.62 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	2.59 J	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U	< 9.43 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Pentachlorobenzene	Pentachlorophenol	Phenol	Phenyl sulfone	Pyridine	Thiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	1	--	--	--	--
BCL						29	1	11000	110	32	--
Shallow	Downgradient	M7B	55d	N	10/28/09	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 1.98 U	< 1.98 U	< 0.99 U	< 3.27 U	< 0.99 U	< 6.53 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	2.16 J	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	< 3.3 U	180	--	--	--
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	--	12	160	--	--	--
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 18.9 U	< 18.9 U	78.9 J	< 31.1 U	< 9.43 U	< 62.3 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 3.77 U	12.1 J	85.3	< 6.23 U	< 1.89 U	< 12.5 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 18.9 U	< 18.9 U	60.6 J	< 31.1 U	< 9.43 U	< 62.3 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	< 3.3 U	7	--	--	--
Middle	Upgradient	MC-MW-11	55e	N	04/26/10	< 1.79 U	< 1.79 U	2.64 J+	34.7	< 0.893 U	262
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 18.9 U	< 18.9 U	< 9.43 U	32.9 J	< 9.43 U	787
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 9.43 U	< 9.43 U	< 4.72 U	29.9 J	< 4.72 U	78.4
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 19.4 U	< 19.4 U	< 9.71 U	< 32 U	< 9.71 U	< 64.1 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 200 U	< 200 U	< 100 U	< 330 U	< 100 U	< 660 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 80 U	< 80 U	< 40 U	< 132 U	< 40 U	< 264 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 623 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 19.2 U	< 19.2 U	10.4 J	< 31.7 U	< 9.62 U	< 63.5 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	< 3.3 U	3.7	--	--	--
Middle	Downgradient	MC-MW-30	55e	N	04/28/10	< 1.89 U	< 1.89 U	1.68 J	< 3.11 U	< 0.943 U	< 6.23 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 4 U	< 4 U	< 2 U	< 6.6 U	< 2 U	< 13.2 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	< 3.3 U	8.3	--	--	--
Middle	Downgradient	MC-MW-31	55e	N	04/28/10	< 1.98 U	< 1.98 U	< 0.99 U	< 3.27 U	< 0.99 U	< 6.53 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 4 U	< 4 U	< 2 U	< 6.6 U	< 2 U	< 13.2 U
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	< 33 U	< 19 U	--	--	--
Deep	Upgradient	DMC-MW-28	55e	N	04/29/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 40 U	< 40 U	< 20 U	< 66 U	< 20 U	< 132 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	< 3.4 U	< 1.9 U	--	--	--
Deep	Upgradient	MW-8	55e	N	05/12/10	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 75.5 U	< 75.5 U	< 37.7 U	< 125 U	< 37.7 U	< 249 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	< 3.4 U	< 1.9 U	--	--	--
Deep	Downgradient	TR-11	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Deep	Downgradient	TR-11	55f	N	10/21/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 623 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 1.9 U	< 1.9 U	< 0.952 U	< 3.14 U	< 0.952 U	< 6.29 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	< 3.3 U	< 1.9 U	--	--	--

TABLE 2-14
SEMIVOLATILE ORGANIC COMPOUND (SVOC) RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Pentachlorobenzene	Pentachlorophenol	Phenol	Phenyl sulfone	Pyridine	Thiophenol
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	1	--	--	--	--
BCL						29	1	11000	110	32	--
Deep	Downgradient	TR-12	55e	N	04/26/10	< 1.89 U	< 1.89 U	< 0.943 U	< 3.11 U	< 0.943 U	< 6.23 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 189 U	< 189 U	< 94.3 U	< 311 U	< 94.3 U	< 623 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 2 U	< 2 U	< 1 U	< 3.3 U	< 1 U	< 6.6 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-15
POLYNUCLEAR AROMATIC HYDROCARBON (PAH) RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	0.2	--	--
BCL						6.2	6.2	6.3	0.092	0.2	0.092	1100
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ
Shallow	Downgradient	M7B	55e	N	04/22/10	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.0495 U	< 0.0495 U	< 0.0495 U	< 0.0495 U	< 0.0495 U	< 0.0495 U	< 0.0495 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 2.9 U	< 2.9 U	< 2.4 U	< 2.4 U	< 2.9 U	< 1.9 U	< 3.8 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 2.8 U	< 2.8 U	< 2.4 U	< 2.4 U	< 2.8 U	< 1.9 U	< 3.8 U
Middle	Upgradient	MC-MW-10	55f	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-10	55g	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-10	55h	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 2.8 U	< 2.8 U	< 2.4 U	< 2.4 U	< 2.8 U	< 1.9 U	< 3.8 U
Middle	Upgradient	MC-MW-11	55e	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-11	55f	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-11	55g	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-11	55h	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 0.0472 UJ	< 0.0472 UJ	0.475 J-	< 0.0472 UJ	0.116 J	1.05 J-	0.418 J-
Middle	Upgradient	MC-MW-12	55f	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-12	55g	N	--	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-12	55h	N	--	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2.8 U	< 2.8 U	< 2.4 U	< 2.4 U	< 2.8 U	< 1.9 U	< 3.8 U
Middle	Downgradient	MC-MW-30	55e	N	--	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-30	55f	N	--	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-30	55g	N	--	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-30	55h	N	--	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 2.9 U	< 2.9 U	< 2.4 U	< 2.4 U	< 2.9 U	< 1.9 U	< 3.8 U
Middle	Downgradient	MC-MW-31	55e	N	--	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-31	55f	N	--	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-31	55g	N	--	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-31	55h	N	--	--	--	--	--	--	--	--
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 28 U	< 28 U	< 24 U	< 24 U	< 28 U	< 19 U	< 38 U
Deep	Upgradient	DMC-MW-28	55e	N	--	--	--	--	--	--	--	--
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	0.0755 J	< 0.0472 U	< 0.0472 U	< 0.0472 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 2.9 U	< 2.9 U	< 2.4 U	< 2.4 U	< 2.9 U	< 1.9 U	< 3.9 U
Deep	Upgradient	MW-8	55e	N	--	--	--	--	--	--	--	--
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.0476 U	< 0.0476 U	< 0.0476 U	0.0762 J	< 0.0476 U	< 0.0476 U	< 0.0476 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 2.9 U	< 2.9 U	< 2.4 U	< 2.4 U	< 2.9 U	< 1.9 U	< 3.8 U
Deep	Downgradient	TR-11	55e	N	--	--	--	--	--	--	--	--
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.0476 U	< 0.0476 U	< 0.0476 U	0.0762 J	< 0.0476 U	< 0.0476 U	< 0.0476 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 2.8 U	< 2.8 U	< 2.4 U	< 2.4 U	< 2.8 U	< 1.9 U	< 3.8 U

TABLE 2-15
POLYNUCLEAR AROMATIC HYDROCARBON (PAH) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Acenaphthene	Acenaphthylene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(ghi)perylene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	0.2	--	--
BCL						6.2	6.2	6.3	0.092	0.2	0.092	1100
Deep	Downgradient	TR-12	55e	N	--	--	--	--	--	--	--	--
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.05 U	< 0.05 U	< 0.05 U	0.08 J	< 0.05 U	< 0.05 U	< 0.05 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-15
POLYNUCLEAR AROMATIC HYDROCARBON (PAH) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						0.92	9.2	0.0092	0.092	6.2	6.2
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.12 U	< 0.16 U	< 0.32 UJ	< 0.61 U	< 0.18 U	< 0.34 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 0.177 U	< 0.177 U	< 0.177 U	< 0.177 U	< 0.177 U	< 0.177 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 8.33 UJ	< 8.33 UJ	< 8.33 UJ	< 8.33 UJ	< 8.33 UJ	< 8.33 UJ
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 4.72 U	< 4.72 U	< 4.72 U	< 4.72 U	< 4.72 U	< 4.72 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 0.0476 UJ	< 0.0476 UJ	< 0.0476 UJ	< 0.0476 UJ	< 0.0476 UJ	< 0.0476 UJ
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 0.12 U	< 0.16 U	< 0.32 U	< 0.61 U	< 0.18 U	< 0.34 U
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.045 U	< 0.045 U	< 0.045 U	< 0.045 U	< 0.045 U	< 0.045 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 0.189 UJ	< 0.189 UJ	< 0.189 UJ	< 0.189 UJ	< 0.189 UJ	< 0.189 UJ
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 0.05 UJ	< 0.05 U	< 0.05 UJ	< 0.05 UJ	< 0.05 U	< 0.05 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 4.27 U	< 4.27 U	< 4.27 U	< 4.27 U	< 4.27 U	< 4.27 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 4.72 U	< 4.72 U	< 4.72 U	< 4.72 U	< 4.72 U	< 4.72 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 0.0481 UJ	< 0.0481 UJ	< 0.0481 UJ	< 0.0481 UJ	< 0.0481 UJ	< 0.0481 UJ
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 0.0505 U	< 0.0505 U	< 0.0505 U	< 0.0505 U	< 0.0505 U	< 0.0505 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	0.0764 J	< 0.048 U	0.0899 J	0.0633 J	0.267	0.0914 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	0.173 J	< 0.189 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	0.145 J	< 0.0476 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 8.33 UJ	< 8.33 UJ	< 8.33 UJ	< 8.33 UJ	30.4 J-	< 8.33 UJ
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U	0.136 J	< 0.0424 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	0.114 J	< 0.0476 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U

TABLE 2-15
POLYNUCLEAR AROMATIC HYDROCARBON (PAH) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						0.92	9.2	0.0092	0.092	6.2	6.2
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.0467 U	< 0.0467 U	< 0.0467 U	< 0.0467 U	< 0.0467 U	< 0.0467 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 0.12 UJ-	< 0.16 UJ-	< 0.32 UJ-	< 0.61 UJ-	< 0.18 UJ-	< 0.34 UJ-
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 0.165 U	< 0.165 U	< 0.165 U	< 0.165 U	< 0.165 U	< 0.165 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.12 U	< 0.16 U	< 0.32 UJ	< 0.61 U	< 0.18 U	< 0.34 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.12 U	< 0.16 U	< 0.32 UJ	< 0.61 U	< 0.18 U	< 0.34 U
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U	< 0.04 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.12 U	< 0.16 U	< 0.32 U	< 0.61 U	< 0.18 U	< 0.34 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.179 UJ	< 0.179 UJ	< 0.179 UJ	< 0.179 UJ	< 0.179 UJ	< 0.179 UJ
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.0446 U	< 0.0446 U	< 0.0446 U	< 0.0446 U	< 0.0446 U	< 0.0446 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 0.12 UJ-	< 0.16 UJ-	< 0.32 UJ-	< 0.61 UJ-	< 0.18 UJ-	< 0.34 UJ-
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.047 UJ	< 0.047 UJ	< 0.047 UJ	< 0.047 UJ	< 0.047 UJ	< 0.047 UJ
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.044 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.044 U	< 0.044 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U

TABLE 2-15
POLYNUCLEAR AROMATIC HYDROCARBON (PAH) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						0.92	9.2	0.0092	0.092	6.2	6.2
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.12 UJ-	< 0.16 UJ-	< 0.32 UJ-	< 0.61 UJ-	< 0.18 UJ-	< 0.34 UJ-
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U	< 0.1 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U	< 0.0481 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 7.14 U	< 7.14 U	< 7.14 U	< 7.14 U	< 7.14 U	< 7.14 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.12 UJ-	< 0.16 UJ-	< 0.32 UJ-	< 0.61 UJ-	< 0.18 UJ-	< 0.34 UJ-
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U	< 0.19 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.0485 U	< 0.0485 U	< 0.0485 U	< 0.0485 U	< 0.0485 U	< 0.0485 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.0532 U	< 0.0532 U	< 0.0532 U	< 0.0532 U	< 0.0532 U	< 0.0532 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U	< 0.049 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.192 U	< 0.192 U	< 0.192 U	< 0.192 U	< 0.192 U	< 0.192 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U	< 0.0424 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U	< 0.048 U
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U	< 0.047 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U	< 0.189 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.192 U	< 0.192 U	< 0.192 U	< 0.192 U	< 0.192 U	< 0.192 U

TABLE 2-15
POLYNUCLEAR AROMATIC HYDROCARBON (PAH) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						0.92	9.2	0.0092	0.092	6.2	6.2
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ	< 0.05 UJ
Shallow	Downgradient	M7B	55e	N	04/22/10	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U	< 8.33 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.0495 U	< 0.0495 U	< 0.0495 U	< 0.0495 U	< 0.0495 U	< 0.0495 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 2.4 U	< 2.4 U	< 2.9 U	< 3.3 U	< 3.3 U	< 3.8 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 2.4 U	< 2.4 U	< 2.8 U	< 3.3 U	< 3.3 U	< 3.8 U
Middle	Upgradient	MC-MW-10	55f	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-10	55g	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-10	55h	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 2.4 U	< 2.4 U	< 2.8 U	< 3.3 U	< 3.3 U	< 3.8 U
Middle	Upgradient	MC-MW-11	55e	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-11	55f	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-11	55g	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-11	55h	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	0.332 J-	1.07 J-	< 0.0472 UJ	0.482 J-	1.92 J-	0.578 J-
Middle	Upgradient	MC-MW-12	55f	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-12	55g	N	--	--	--	--	--	--	--
Middle	Upgradient	MC-MW-12	55h	N	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 2.4 U	< 2.4 U	< 2.8 U	< 3.3 U	< 3.3 U	< 3.8 U
Middle	Downgradient	MC-MW-30	55e	N	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-30	55f	N	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-30	55g	N	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-30	55h	N	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 2.4 U	< 2.4 U	< 2.9 U	< 3.3 U	< 3.3 U	< 3.8 U
Middle	Downgradient	MC-MW-31	55e	N	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-31	55f	N	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-31	55g	N	--	--	--	--	--	--	--
Middle	Downgradient	MC-MW-31	55h	N	--	--	--	--	--	--	--
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 24 U	< 24 U	< 28 U	< 33 U	< 33 U	< 38 U
Deep	Upgradient	DMC-MW-28	55e	N	--	--	--	--	--	--	--
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 2.4 U	< 2.4 U	< 2.9 U	< 3.4 U	< 3.4 U	< 3.9 U
Deep	Upgradient	MW-8	55e	N	--	--	--	--	--	--	--
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 2.4 U	< 2.4 U	< 2.9 U	< 3.4 U	< 3.4 U	< 3.8 U
Deep	Downgradient	TR-11	55e	N	--	--	--	--	--	--	--
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U	< 0.0476 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 2.4 U	< 2.4 U	< 2.8 U	< 3.3 U	< 3.3 U	< 3.8 UJ

TABLE 2-15
POLYNUCLEAR AROMATIC HYDROCARBON (PAH) RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Benzo(k)fluoranthene	Chrysene	Dibenzo(a,h)anthracene	Indeno(1,2,3-cd)pyrene	Phenanthrene	Pyrene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						0.92	9.2	0.0092	0.092	6.2	6.2
Deep	Downgradient	TR-12	55e	N	--	--	--	--	--	--	--
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U	< 0.0472 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-16
ORGANOCHLORINE PESTICIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4'-DDD µg/L	2,4'-DDE µg/L	4,4'-DDD µg/L	4,4'-DDE µg/L	4,4'-DDT µg/L	Aldrin µg/L
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.28	0.2	0.2	0.004
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	--	0.86 J-	0.18 J-	< 0.0074 UJ-	< 0.028 UJ-	< 0.011 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	0.96 J	0.34 J	< 0.0075 U	< 0.013 U	< 0.013 U	< 0.0044 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.011 U	0.8 J+	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.011 UJ	0.5 J	< 0.0038 UJ	0.3 J	< 0.0056 UJ	< 0.004 UJ
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.011 U	0.62 J+	< 0.0038 U	< 0.0027 UJ	< 0.0056 U	< 0.004 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 0.01 U	0.62	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 0.01 U	1	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 0.01 U	2.3 J	< 0.01 U	< 0.02 U	< 0.01 U	1 J+
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 0.71 U	< 0.47 U	< 0.72 U	< 0.7 U	< 1.4 U	< 0.55 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 14 U	< 9.5 U	< 14 U	< 14 UJ	< 28 U	< 11 UJ
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 7.2 U	< 4.8 U	< 7.3 U	< 7.1 U	< 14 U	< 5.6 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	--	< 0.05 UJ-	< 0.017 UJ-	< 0.0074 UJ-	< 0.028 UJ-	< 0.011 UJ-
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 0.0071 U	< 0.012 U	0.06 J+	< 0.013 U	< 0.013 U	< 0.0044 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	0.46 J
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	0.5 J+
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 0.01 U	< 0.01 U	R	R	R	0.5 J-
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 0.35 U	< 0.23 U	< 0.35 U	< 0.34 U	< 0.67 U	< 0.27 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 0.14 U	< 0.094 U	< 0.14 U	< 0.14 U	< 0.27 U	< 0.11 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 0.073 U	< 0.049 U	< 0.074 U	< 0.072 U	< 0.14 U	< 0.056 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	--	--	0.83 J	--	26 J	--
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 0.01 U	6.6 J+	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 0.072 U	< 0.048 U	< 0.073 U	< 0.071 U	< 0.14 U	< 0.056 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 0.072 U	< 0.048 U	0.075 J	< 0.071 U	< 0.14 U	< 0.056 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 1.5 U	< 0.98 U	< 1.5 U	< 1.4 U	< 2.9 U	< 1.1 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.4 U	< 0.97 U	< 1.5 U	< 1.4 U	< 2.8 U	< 1.1 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 0.15 U	< 0.098 U	0.82 J	< 0.14 U	< 0.28 U	< 0.11 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 0.15 U	< 0.098 U	< 0.15 U	< 0.14 U	< 0.29 U	< 0.11 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.011 UJ	< 0.009 UJ	< 0.0038 UJ	< 0.0027 UJ	< 0.0056 UJ	< 0.004 UJ
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 1.1 U	< 0.72 U	< 1.1 U	< 1.1 U	< 2.1 U	< 0.83 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 0.72 U	< 0.48 U	< 0.73 U	< 0.71 U	< 1.4 U	< 0.56 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 0.72 UJ	< 0.48 U	< 0.73 U	< 0.71 U	< 1.4 U	< 0.56 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.011 U	0.23 J	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 0.011 UJ	< 0.009 UJ	< 0.0038 UJ	< 0.0027 UJ	< 0.0056 UJ	< 0.004 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	0.36 J+	0.26 J+	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 0.01 U	0.13 J+	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 0.71 U	< 0.48 U	< 0.72 U	< 0.7 U	< 1.4 U	< 0.55 UJ
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 0.15 U	< 0.1 U	< 0.15 U	< 0.15 U	< 0.3 U	< 0.12 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 0.36 U	< 0.24 U	< 0.37 U	< 0.36 U	< 0.71 U	< 0.28 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4'-DDD μg/L	2,4'-DDE μg/L	4,4'-DDD μg/L	4,4'-DDE μg/L	4,4'-DDT μg/L	Aldrin μg/L
Units						μg/L	μg/L	μg/L	μg/L	μg/L	μg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.28	0.2	0.2	0.004
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.0072 U	< 0.0049 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.0072 U	< 0.0049 U	< 0.0073 U	< 0.0072 U	< 0.014 U	< 0.0056 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	--	< 0.05 U	< 0.006 U	< 0.006 U	< 0.014 U	< 0.01 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	R	0.058 J	R	R	R	R
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.011 U	0.055 J	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 0.71 U	< 0.48 U	< 0.72 U	< 0.7 U	< 1.4 U	< 0.55 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.71 U	< 0.48 U	< 0.72 U	< 0.71 U	< 1.4 U	< 0.55 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 0.73 U	< 0.49 U	< 0.74 U	< 0.72 U	< 1.4 U	< 0.57 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	--	< 0.05 UJ-	< 0.017 UJ-	< 0.0074 UJ-	< 0.028 UJ-	< 0.011 UJ-
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	--	< 0.05 UJ-	< 0.017 UJ-	< 0.0074 UJ-	< 0.028 UJ-	< 0.011 UJ-
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.0071 U	< 0.012 U	< 0.0075 U	< 0.013 U	< 0.013 U	< 0.0044 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 0.036 U	< 0.024 U	< 0.036 U	< 0.035 U	< 0.07 U	< 0.028 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 0.014 U	< 0.0097 U	< 0.015 U	< 0.014 U	< 0.028 U	< 0.011 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.014 U	< 0.0096 U	< 0.015 U	< 0.014 U	< 0.028 U	< 0.011 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	--	< 0.05 U	< 0.017 U	< 0.0074 U	< 0.028 U	< 0.011 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.0071 U	< 0.012 U	< 0.0075 U	< 0.013 U	< 0.013 U	< 0.0044 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.0073 U	< 0.0049 U	< 0.0074 U	< 0.0072 U	< 0.014 U	< 0.0056 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.0072 U	< 0.0049 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.0073 U	< 0.0049 U	< 0.0074 U	< 0.0072 U	< 0.014 U	< 0.0057 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	--	0.5 J-	< 0.017 UJ-	< 0.0074 UJ-	< 0.028 UJ-	< 0.011 UJ-
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.0071 U	0.36 J	< 0.0075 U	< 0.013 U	< 0.013 U	< 0.0044 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	0.08	0.59	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.011 U	0.28	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	0.17 J+	0.85 J	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	0.19 J+	0.88 J	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 0.01 U	0.56 J+	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	0.072	0.68	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	0.078	0.76	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4'-DDD µg/L	2,4'-DDE µg/L	4,4'-DDD µg/L	4,4'-DDE µg/L	4,4'-DDT µg/L	Aldrin µg/L
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.28	0.2	0.2	0.004
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 0.01 U	0.7 J+	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 0.72 U	< 0.48 U	< 0.72 U	< 0.71 U	< 1.4 U	< 0.56 UJ
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 0.71 U	< 0.48 U	< 0.72 U	< 0.7 U	< 1.4 U	< 0.55 UJ
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 0.72 U	< 0.48 U	< 0.73 U	< 0.71 U	< 1.4 U	< 0.56 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 0.72 U	< 0.48 U	< 0.73 U	< 0.71 U	< 1.4 U	< 0.56 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 0.75 UJ	1.2 J	< 0.76 U	< 0.74 U	< 1.5 U	< 0.59 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 0.77 UJ	1.2 J	< 0.78 U	< 0.76 U	< 1.5 U	< 0.6 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	--	1.2	< 0.017 U	< 0.0074 U	< 0.028 U	< 0.011 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	0.17 J	0.34 J	< 0.0075 U	< 0.013 U	< 0.013 U	< 0.0044 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	0.18 J	0.6 J	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	0.31 J	0.46 J	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 0.01 U	0.67 J+	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.01 U	0.67 J+	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.01 U	0.56	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.01 U	0.6 J+	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 0.36 U	< 0.24 U	< 0.36 U	< 0.35 U	< 0.69 U	< 0.28 UJ
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 0.36 U	< 0.24 U	< 0.36 U	0.41 J	< 0.7 U	< 0.28 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 0.36 UJ	< 0.24 U	< 0.36 U	< 0.35 U	< 0.7 U	< 0.28 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	--	< 0.05 U	< 0.017 U	< 0.0074 U	< 0.028 U	< 0.011 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	0.23 J	< 0.012 U	< 0.0075 U	< 0.013 U	< 0.013 U	< 0.0044 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	0.21 J	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 0.36 U	< 0.24 U	< 0.36 U	< 0.35 U	< 0.7 U	< 0.28 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.29 U	< 0.19 U	< 0.29 U	< 0.29 U	< 0.56 U	< 0.22 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.072 U	< 0.049 U	< 0.073 U	< 0.071 U	< 0.14 U	< 0.056 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 0.036 U	< 0.024 U	< 0.036 U	< 0.035 U	< 0.07 U	< 0.028 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 0.014 U	< 0.0097 U	< 0.015 U	< 0.014 U	< 0.028 U	< 0.011 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 0.0072 UJ	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Shallow	Downgradient	H-43	55a	N	01/27/09	0.76	0.16	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	H-43	55b	N	04/21/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.72 U	< 0.48 U	< 0.73 U	< 0.71 U	< 1.4 U	< 0.56 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 0.15 U	< 0.097 U	< 0.15 U	< 0.14 U	< 0.28 U	< 0.11 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 0.15 UJ	< 0.097 U	< 0.15 U	< 0.14 U	< 0.28 U	< 0.11 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U

TABLE 2-16
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4'-DDD µg/L	2,4'-DDE µg/L	4,4'-DDD µg/L	4,4'-DDE µg/L	4,4'-DDT µg/L	Aldrin µg/L
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.28	0.2	0.2	0.004
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.011 U	< 0.009 U	< 0.0038 U	< 0.0027 U	< 0.0056 U	< 0.004 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.01 UJ	< 0.01 UJ	< 0.01 UJ	< 0.02 UJ	< 0.01 UJ	< 0.01 UJ
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 UJ
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.0072 UJ	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 0.02 UJ	< 0.02 UJ	< 0.03 UJ	< 0.03 UJ	< 0.03 UJ	< 0.0015 UJ
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 0.019 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 0.072 U	< 0.048 U	< 0.073 U	< 0.071 U	< 0.14 U	< 0.056 UJ
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 0.072 U	< 0.048 U	< 0.073 U	< 0.071 UJ	< 0.14 U	< 0.056 UJ
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	0.033 J	< 0.0056 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 0.04 U	< 0.04 U	< 0.06 U	< 0.06 U	< 0.06 U	< 0.003 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 0.19 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 0.19 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 0.36 U	< 0.24 U	< 0.37 U	< 0.36 U	< 0.71 U	< 0.28 UJ
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 0.72 U	< 0.49 U	< 0.73 U	< 0.71 U	2.8 J+	< 0.56 UJ
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 0.36 U	< 0.24 U	< 0.37 U	< 0.36 U	< 0.71 U	< 0.28 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 0.01 U	1.9 J	0.61	6.6	4.9 J	< 0.01 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 0.01 U	8.2	1.8 J	46	29	< 0.01 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 0.72 U	9.7	< 0.73 U	20	19	< 0.56 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	3.8 J	120	8.1 J	430	290	< 2.8 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 0.073 U	2.6	0.15 J	5.2	5.8	< 0.056 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 0.02 U	< 0.02 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.0015 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 0.019 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 0.036 U	< 0.024 U	< 0.036 U	< 0.035 U	< 0.07 U	< 0.028 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 0.036 U	< 0.024 U	< 0.036 U	< 0.035 U	< 0.07 U	< 0.028 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.036 U	< 0.024 U	< 0.037 U	< 0.036 U	< 0.071 U	< 0.028 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 0.02 U	< 0.02 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.0015 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 0.019 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 0.0072 UJ	< 0.0049 UJ	< 0.0073 UJ	< 0.0071 UJ	< 0.014 UJ	< 0.0056 UJ
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 0.014 UJ	< 0.0097 UJ	< 0.015 UJ	< 0.014 UJ	< 0.028 UJ	< 0.011 UJ
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.02 U	< 0.02 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.0015 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.019 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.0072 U	< 0.0049 U	< 0.0073 U	< 0.0072 U	< 0.014 U	< 0.0056 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.0073 U	< 0.0049 U	< 0.0074 U	< 0.0072 U	< 0.014 U	< 0.0057 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.02 U	< 0.02 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.0015 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.019 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.0072 U	< 0.0049 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.0073 U	< 0.0049 U	< 0.0073 U	< 0.0072 U	< 0.014 U	< 0.0056 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.02 U	< 0.02 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.0015 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.019 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	2,4'-DDD	2,4'-DDE	4,4'-DDD	4,4'-DDE	4,4'-DDT	Aldrin
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	--	--	--
BCL						--	--	0.28	0.2	0.2	0.004
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	0.0065 J
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.0072 UJ	< 0.0049 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.02 U	< 0.02 U	< 0.03 U	< 0.03 U	< 0.03 U	< 0.0015 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.019 U	< 0.019 U	< 0.028 U	< 0.028 U	< 0.028 U	< 0.0014 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.0072 U	< 0.0048 U	< 0.0073 U	< 0.0071 U	< 0.014 U	0.0064 J
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.0072 U	< 0.0049 U	< 0.0073 U	< 0.0071 U	< 0.014 U	< 0.0056 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.0073 UJ	< 0.0049 U	< 0.0074 U	< 0.0072 U	< 0.014 U	< 0.0056 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-16
ORGANOCHLORINE PESTICIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane	delta-BHC	Dieldrin
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						11	--	2.2	2	--	0.0042
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	370 J-	0.19 J-	53 J-	< 0.19 UJ-	9.6 J-	0.62 J-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	320	< 0.0057 U	72	< 0.099 U	7.4	0.51 J
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	390	< 0.003 U	57	< 0.18 U	7.9	0.22 J
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	--	0.53 J	65 J-	< 0.18 UJ	8.2 J-	0.4 J
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	410	0.12 J	67	< 0.18 U	8.3	0.31 J
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	550	< 0.02 U	83	< 0.04 U	9.3	0.52
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	470	< 0.02 U	72	< 0.04 U	11	0.19
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	740	< 0.02 U	110 J	< 0.04 U	21	< 0.01 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	69	< 0.49 U	7	< 0.49 U	5.2	< 0.59 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	930	< 9.9 U	140	< 9.9 U	29 J	< 12 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	690	< 5 U	100	< 5 U	16 J	< 5.9 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	8.3 J-	< 0.02 UJ-	3.5 J-	< 0.19 UJ-	5.6 J-	< 0.011 UJ-
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	7.9 J-	< 0.0057 U	< 0.015 U	< 0.099 U	6.1 J-	< 0.0057 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	10	< 0.003 U	< 0.013 U	< 0.18 U	7.8 J	< 0.0023 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	14	< 0.003 U	< 0.013 U	< 0.18 U	6	< 0.0023 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	13	< 0.02 U	< 0.01 U	< 0.04 U	9.8	< 0.01 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	11	< 0.02 U	< 0.01 U	< 0.04 U	9.1 J+	< 0.01 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	8.5	R	R	< 0.04 U	5.3	R
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	8.3	< 0.24 U	0.52 J	< 0.24 U	3.3	< 0.29 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	7.6	< 0.098 U	< 0.16 U	< 0.098 U	1.4	< 0.12 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	6.4	< 0.051 U	< 0.083 U	< 0.051 U	2.4 J	< 0.06 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	4.7 J	--	--	--	0.27 J	--
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	1.1 J+	< 0.02 U	< 0.01 U	< 0.04 U	0.27 J+	< 0.01 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	0.97	< 0.02 U	< 0.01 U	< 0.04 U	0.13	< 0.01 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	0.78	< 0.05 U	0.28 J	< 0.05 U	0.28 J	< 0.06 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	1.2	< 0.05 U	0.47	< 0.05 U	0.29 J	< 0.06 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 1 U	< 1 U	< 1.7 U	< 1 U	< 1.1 U	< 1.2 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	1.6 J	< 1 U	< 1.7 U	< 1 U	< 1.1 U	< 1.2 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	1.1	< 0.1 U	1.3 J	0.5 J	0.92 J	< 0.12 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	0.82 J	< 0.1 U	0.27 J	< 0.1 U	0.18 J	< 0.12 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	100	< 0.003 U	< 0.013 U	< 0.18 U	35	< 0.0023 U
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	100 J-	< 0.003 UJ	< 0.013 UJ	< 0.18 UJ	36 J-	< 0.0023 UJ
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	120	< 0.02 U	< 0.01 U	< 0.04 U	40	< 0.01 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	140 J	< 0.02 U	< 0.01 U	< 0.04 U	46 J+	< 0.01 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	95	< 0.02 U	< 0.01 U	< 0.04 U	32	< 0.01 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	100	< 0.74 U	< 1.2 U	< 0.74 U	36	< 0.89 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	88	< 0.5 U	< 0.82 U	< 0.5 U	30	< 0.59 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	83	< 0.5 U	< 0.82 U	< 0.5 U	30	< 0.6 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	48	< 0.003 U	24	< 0.18 U	3.2	< 0.0023 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	62 J-	0.23 J	33 J-	< 0.18 UJ	3.7 J-	< 0.0023 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	66	< 0.02 U	33	< 0.04 U	4.1	< 0.01 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	61 J+	< 0.02 U	30 J+	< 0.04 U	4.3 J	< 0.01 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	40	< 0.02 U	21	< 0.04 U	2.6	< 0.01 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	39	< 0.5 U	18	< 0.5 U	2.1 J	< 0.59 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	10	< 0.11 U	0.96 J	< 0.11 U	3	< 0.13 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	36	< 0.25 U	17	< 0.25 U	2 J	< 0.3 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane	delta-BHC	Dieldrin
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						11	--	2.2	2	--	0.0042
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.01 U	< 0.02 U	< 0.01 U	< 0.04 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	0.062 J	< 0.02 U	< 0.01 U	< 0.04 U	< 0.01 U	< 0.01 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.005 U	< 0.005 U	< 0.0082 U	< 0.005 U	< 0.0055 U	< 0.006 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.005 U	< 0.005 U	< 0.0083 U	< 0.005 U	< 0.0055 U	< 0.006 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.0051 U	< 0.0051 U	< 0.0083 U	< 0.0051 U	< 0.0055 U	< 0.006 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	34 J-	< 0.007 U	< 0.017 U	< 0.09 U	4.8 J-	< 0.005 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	R	R	R	R	6.7	R
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	56	< 0.003 U	< 0.013 U	< 0.18 U	7.3	< 0.0023 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	58	< 0.003 U	< 0.013 U	< 0.18 U	7	< 0.0023 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	63	< 0.02 U	< 0.01 U	< 0.04 U	8.1	< 0.01 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	62	< 0.02 U	< 0.01 U	< 0.04 U	8.2 J	< 0.01 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	57	< 0.02 U	< 0.01 U	< 0.04 U	8.7	< 0.01 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	60	< 0.5 U	< 0.82 U	< 0.5 U	8.1	< 0.59 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	58	< 0.5 U	< 0.82 U	< 0.5 U	5.2	< 0.59 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	49	< 0.51 U	< 0.84 U	< 0.51 U	4.6 J	< 0.6 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	2.5 J-	< 0.02 UJ-	0.12 J-	< 0.19 UJ-	1.3 J-	< 0.011 UJ-
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	2.5 J-	< 0.02 UJ-	0.12 J-	< 0.19 UJ-	1.5 J-	< 0.011 UJ-
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	1.8	< 0.0057 U	< 0.015 U	< 0.099 U	1.8 J	< 0.0057 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	1.4	< 0.003 U	< 0.013 U	< 0.18 U	1.7 J	< 0.0023 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	1.4	< 0.003 U	< 0.013 U	< 0.18 U	1.6 J	< 0.0023 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	1.5	< 0.003 U	< 0.013 U	< 0.18 U	1.3	< 0.0023 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	1.8	< 0.02 U	< 0.01 U	< 0.04 U	2	< 0.01 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	1.4 J	< 0.02 U	< 0.01 U	< 0.04 U	1.7 J	< 0.01 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	1.4	< 0.02 U	< 0.01 U	< 0.04 U	1.9 J	< 0.01 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	1.3	< 0.025 U	< 0.041 U	< 0.025 U	1.2 J	< 0.03 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	1.2	< 0.01 U	< 0.016 U	< 0.01 U	1	< 0.012 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	0.94 J-	< 0.01 UJ	0.087 J	0.017 J	0.12 J	< 0.012 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	1.9 J-	< 0.02 U	0.37	< 0.19 U	0.16	< 0.011 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	0.4	< 0.0057 U	< 0.015 U	< 0.099 U	0.12 J	< 0.0057 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	0.35	< 0.003 U	< 0.013 U	< 0.18 U	0.086 J	< 0.0023 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	0.45	< 0.003 U	< 0.013 U	< 0.18 U	0.13 J	< 0.0023 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	0.51	< 0.02 U	< 0.01 U	< 0.04 U	0.18	< 0.01 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	0.42	< 0.02 U	< 0.01 U	< 0.04 U	0.11	< 0.01 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	0.44	< 0.02 U	< 0.01 U	< 0.04 U	0.18	< 0.01 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	0.39	< 0.0051 U	< 0.0083 U	< 0.0051 U	0.056 J	< 0.006 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	0.38	< 0.005 U	< 0.0083 U	< 0.005 U	0.0076 J	< 0.006 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	0.83 J+	< 0.0051 U	0.16	< 0.0051 U	0.095 J	< 0.0061 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	130 J-	< 0.02 UJ-	27 J-	< 0.19 UJ-	3.9 J-	< 0.011 UJ-
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	180	< 0.0057 U	50	< 0.099 U	4.3	< 0.0057 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	200	0.28	89	< 0.18 U	5.3	< 0.0023 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	170	< 0.003 U	43	< 0.18 U	3	< 0.0023 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	130	< 0.003 U	72	< 0.18 U	3.9	< 0.0023 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	140	< 0.003 U	84	< 0.18 U	4.5	< 0.0023 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	130	0.22 J+	66	< 0.04 U	4	< 0.01 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	120 J	0.25	79	< 0.04 U	5.1	< 0.01 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	140 J	0.38	86	< 0.04 U	5.4	< 0.01 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane	delta-BHC	Dieldrin
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						11	--	2.2	2	--	0.0042
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	75	0.44 J+	63	< 0.04 U	4.3	< 0.01 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	60	< 0.5 U	59	< 0.5 U	3.5 J	< 0.59 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	61	< 0.5 U	60	< 0.5 U	3.9 J	< 0.59 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	50	< 0.5 U	56	< 0.5 U	4 J	< 0.6 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	50	< 0.5 U	55	< 0.5 U	3.9 J	< 0.6 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	41	< 0.53 U	49	< 0.53 U	3.4 J	< 0.63 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	40	< 0.54 U	47	< 0.54 U	3.3 J	< 0.64 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	79 J-	< 0.02 U	49 J-	< 0.19 U	3.4	< 0.011 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	21	0.098 J	24	< 0.099 U	2.6 J	< 0.0057 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	12	< 0.003 U	30	< 0.18 U	2.7	< 0.0023 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	8.9	< 0.003 U	27	< 0.18 U	1.2 J	< 0.0023 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	12	0.14 J+	33	< 0.04 U	1.6	< 0.01 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	14	0.15 J	40	< 0.04 U	3.9	< 0.01 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	11 J	0.22 J	34	< 0.04 U	3	< 0.01 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	8	0.16 J+	27	< 0.04 U	2.1 J	< 0.01 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	6.3	< 0.25 U	26	< 0.25 U	1.6 J	< 0.3 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	6.5	< 0.25 U	26	< 0.25 U	1.2 J	< 0.3 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	5.2	< 0.25 U	25	< 0.25 U	1.3 J	< 0.3 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	6.5 J-	< 0.02 U	16 J-	< 0.19 U	2.3 J-	< 0.011 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	4.1	< 0.0057 U	15	< 0.099 U	1.2 J	< 0.0057 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	4.6	< 0.003 U	18	< 0.18 U	1.5	< 0.0023 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	5.1	< 0.003 U	18	< 0.18 U	1.7	< 0.0023 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	5.6	< 0.02 U	16	< 0.04 U	1.8	< 0.01 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	6.1	< 0.02 U	19	< 0.04 U	2.4 J	< 0.01 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	4.2	< 0.02 U	12 J	< 0.04 U	1.2 J	< 0.01 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	4.2	< 0.25 U	12	< 0.25 U	1.3 J	< 0.3 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	3.3	< 0.2 U	10	< 0.2 U	1.1 J	< 0.24 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	3.9	< 0.05 U	8.4	< 0.05 U	1.6	< 0.06 U
Shallow	Downgradient	H-28	55a	N	01/26/09	0.94	< 0.003 U	< 0.013 U	< 0.18 U	0.86	< 0.0023 U
Shallow	Downgradient	H-28	55b	N	04/22/09	1.3	< 0.003 U	< 0.013 U	< 0.18 U	0.61	< 0.0023 U
Shallow	Downgradient	H-28	55c	N	07/22/09	1.1	< 0.02 U	< 0.01 U	< 0.04 U	0.82	< 0.01 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	1.2	< 0.02 U	< 0.01 U	< 0.04 U	1	< 0.01 U
Shallow	Downgradient	H-28	55d	N	10/20/09	1.3 J	< 0.02 U	< 0.01 U	< 0.04 U	0.7	< 0.01 U
Shallow	Downgradient	H-28	55e	N	04/21/10	0.86	< 0.02 U	< 0.01 U	< 0.04 U	1	< 0.01 U
Shallow	Downgradient	H-28	55f	N	10/26/10	1	< 0.025 U	< 0.041 U	< 0.025 U	0.54	< 0.03 U
Shallow	Downgradient	H-28	55g	N	03/24/11	0.89	< 0.01 U	< 0.016 U	< 0.01 U	0.32	< 0.012 U
Shallow	Downgradient	H-28	55h	N	10/20/11	0.9	< 0.005 U	0.031 J	< 0.005 U	0.48	< 0.006 U
Shallow	Downgradient	H-43	55a	N	01/27/09	6.9	< 0.003 U	19	< 0.18 U	2.8	< 0.0023 U
Shallow	Downgradient	H-43	55b	N	04/21/09	7.2	< 0.003 U	17	< 0.18 U	1.8 J	< 0.0023 U
Shallow	Downgradient	H-43	55c	N	07/30/09	--	0.077 J+	18	< 0.04 U	2.5	< 0.01 U
Shallow	Downgradient	H-43	55d	N	10/23/09	8.4	< 0.02 U	20	< 0.04 U	2.9	< 0.01 U
Shallow	Downgradient	H-43	55e	N	05/11/10	5.6	< 0.02 U	15	< 0.04 U	1.6	< 0.01 U
Shallow	Downgradient	H-43	55f	N	10/26/10	3.7 J	< 0.5 U	13	< 0.5 U	1.4 J	< 0.59 U
Shallow	Downgradient	H-43	55g	N	03/24/11	3.1	< 0.1 U	13	< 0.1 U	1.2	< 0.12 U
Shallow	Downgradient	H-43	55h	N	10/20/11	4.7	< 0.1 U	11	< 0.1 U	1.1	< 0.12 U
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.0025 U	< 0.003 U	< 0.013 U	< 0.18 U	0.098	< 0.0023 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane	delta-BHC	Dieldrin
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						11	--	2.2	2	--	0.0042
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.0025 U	< 0.003 U	< 0.013 U	< 0.18 U	0.049 J	< 0.0023 U
Shallow	Downgradient	M7B	55c	N	07/28/09	0.073	< 0.02 U	< 0.01 U	< 0.04 U	0.11	< 0.01 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.01 UJ	< 0.02 UJ	< 0.01 UJ	< 0.04 UJ	0.096 J-	< 0.01 UJ
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.01 U	< 0.02 U	< 0.01 U	< 0.04 U	0.056	< 0.01 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.01 U	< 0.02 U	< 0.01 U	< 0.04 U	< 0.01 U	< 0.01 U
Shallow	Downgradient	M7B	55f	N	10/28/10	0.022 J	< 0.005 U	< 0.0082 U	< 0.005 U	< 0.0055 U	< 0.006 U
Shallow	Downgradient	M7B	55g	N	03/30/11	0.026 J	< 0.005 U	0.013 J	< 0.005 U	< 0.0055 U	< 0.006 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	0.02 J	< 0.005 U	< 0.0083 U	< 0.005 U	< 0.0055 U	< 0.006 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	2.5 J	--	< 0.004 UJ	< 0.04 UJ	0.34 J	< 0.002 UJ
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	2.3	--	< 0.0038 U	< 0.038 U	0.42	< 0.0019 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	3.5	< 0.05 U	< 0.082 U	< 0.05 U	0.81	< 0.059 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	3.6	< 0.05 U	< 0.082 U	< 0.05 U	0.72	< 0.059 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	0.6	< 0.005 U	< 0.0082 U	< 0.005 U	< 0.0055 U	< 0.006 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	25	--	11	< 0.08 U	4.1	< 0.004 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	25	--	10	< 0.038 U	4.7	< 0.0019 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	23	--	9.5	< 0.038 U	4.4	< 0.0019 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	32	< 0.25 U	11	< 0.25 U	4.9	< 0.3 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	35	< 0.5 U	15	< 0.5 U	5.5	< 0.6 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	37	5.7 J+	16	110	7.6	< 0.3 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	1.2 J	< 0.02 U	0.79	< 0.04 U	< 0.01 U	< 0.01 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	4.7	< 0.02 U	1.6 J	< 0.04 U	< 0.01 U	< 0.01 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	2.8 J	< 0.5 U	< 0.82 U	< 0.5 U	< 0.55 U	< 0.6 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	24	< 2.5 U	< 4.1 U	< 2.5 U	7 J	< 3 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 0.051 U	< 0.051 U	< 0.083 U	< 0.051 U	0.45 J	< 0.06 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	1.8	--	0.27	< 0.04 U	0.31	< 0.002 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	1.5	--	0.27	< 0.038 U	0.3	< 0.0019 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	2	< 0.025 U	0.42	< 0.025 U	0.42 J	< 0.03 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	2.2	< 0.025 U	0.32	< 0.025 U	0.3	< 0.03 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	3.3	< 0.025 U	0.2 J	< 0.025 U	2.5 J	< 0.03 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	0.42	--	< 0.004 U	< 0.04 U	< 0.02 U	< 0.002 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	0.66	--	< 0.0038 U	< 0.038 U	< 0.019 U	< 0.0019 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	0.77	< 0.005 U	0.15	< 0.005 U	0.099 J	< 0.0059 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	0.79 J-	< 0.005 UJ	0.13 J-	< 0.005 UJ	0.081 J-	< 0.006 UJ
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	0.95 J-	< 0.01 UJ	0.094 J-	0.035 J-	0.18 J-	< 0.012 UJ
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.0025 U	--	< 0.004 U	< 0.04 U	< 0.02 U	< 0.002 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.0024 U	--	< 0.0038 U	< 0.038 U	< 0.019 U	< 0.0019 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.005 U	< 0.005 U	< 0.0082 U	< 0.005 U	< 0.0055 U	< 0.006 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.0051 U	< 0.0051 U	< 0.0083 U	< 0.0051 U	< 0.0055 U	< 0.006 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.0051 U	< 0.0051 U	< 0.0083 U	< 0.0051 U	< 0.0056 U	< 0.006 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.0025 U	--	< 0.004 U	< 0.04 U	< 0.02 U	< 0.002 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.0024 U	--	< 0.0038 U	< 0.038 U	< 0.019 U	< 0.0019 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.005 U	< 0.005 U	< 0.0082 U	< 0.005 U	< 0.0055 U	< 0.006 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.005 U	< 0.005 U	< 0.0083 U	< 0.005 U	< 0.0055 U	< 0.006 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.0051 U	< 0.0051 U	< 0.0083 U	< 0.0051 U	< 0.0055 U	< 0.006 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.0025 U	--	0.0065	< 0.04 U	< 0.02 U	< 0.002 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.0024 U	--	< 0.0038 U	< 0.038 U	< 0.019 U	< 0.0019 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane	delta-BHC	Dieldrin
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						11	--	2.2	2	--	0.0042
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.005 U	< 0.005 U	< 0.0082 U	< 0.005 U	< 0.0055 U	< 0.006 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.005 U	< 0.005 U	< 0.0083 U	< 0.005 U	< 0.0055 U	< 0.006 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.005 U	< 0.005 U	< 0.0083 U	< 0.005 U	< 0.0055 U	< 0.006 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.0025 U	--	< 0.004 U	< 0.04 U	< 0.02 U	< 0.002 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.0024 U	--	< 0.0038 U	< 0.038 U	< 0.019 U	< 0.0019 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.005 U	< 0.005 U	< 0.0082 U	< 0.005 U	< 0.0055 U	< 0.006 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.005 U	< 0.005 U	< 0.0083 U	< 0.005 U	< 0.0055 U	< 0.006 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.0051 U	< 0.0051 U	< 0.0083 U	< 0.0051 U	< 0.0055 U	< 0.006 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						220	220	--	2	--	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 0.0099 UJ-	0.2 J-	0.26 J-	< 0.014 UJ-	< 0.03 UJ-	< 0.03 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 0.0078 U	< 0.0053 U	< 0.0063 U	< 0.0068 U	0.2 J	< 0.005 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 0.0025 UJ	< 0.01 UJ	< 0.017 UJ	< 0.0028 UJ	< 0.0032 UJ	< 0.016 UJ
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 0.0025 U	0.24 J	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 0.02 U	0.62	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 0.54 U	< 0.65 U	< 0.53 U	< 0.73 U	< 0.82 U	< 0.65 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 11 U	< 13 U	< 11 U	< 15 U	< 16 U	< 13 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 5.5 U	< 6.6 U	< 5.4 U	< 7.5 U	< 8.3 U	< 6.6 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 0.0099 UJ-	< 0.043 UJ-	< 0.013 UJ-	< 0.014 UJ-	< 0.03 UJ-	< 0.03 UJ-
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 0.0078 U	< 0.0053 U	< 0.0063 U	< 0.0068 U	< 0.009 U	< 0.005 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 0.0025 U	0.17 J	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 0.02 U	0.068 J+	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 0.02 U	0.053 J+	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	R	0.066 J-	R	R	R	R
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 0.26 U	< 0.32 U	< 0.26 U	< 0.36 U	< 0.4 U	< 0.32 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 0.11 U	< 0.13 U	< 0.11 U	< 0.15 U	< 0.16 U	< 0.13 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 0.056 U	< 0.067 U	< 0.055 U	< 0.076 U	< 0.084 U	< 0.067 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	--	--	--	--	--	--
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 0.055 U	< 0.066 U	< 0.054 U	< 0.075 U	< 0.083 U	< 0.066 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 0.055 U	< 0.066 U	< 0.054 U	< 0.075 U	< 0.083 U	< 0.066 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 1.1 U	< 1.3 U	< 1.1 U	< 1.5 U	< 1.7 U	< 1.3 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.1 U	< 1.3 U	< 1.1 U	< 1.5 U	< 1.7 U	< 1.3 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 0.11 U	< 0.13 U	< 0.11 U	< 0.15 U	< 0.17 U	< 0.13 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 0.11 U	0.49 J	< 0.11 U	< 0.15 U	0.32 J	< 0.13 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 0.0025 UJ	< 0.01 UJ	< 0.017 UJ	< 0.0028 UJ	< 0.0032 UJ	< 0.016 UJ
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 0.02 U	< 0.01 U	< 0.01 U	0.11 J+	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 0.82 U	< 0.98 U	< 0.8 U	< 1.1 U	< 1.2 U	< 0.98 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 0.55 U	< 0.66 U	< 0.54 U	< 0.75 U	< 0.83 U	< 0.66 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 0.55 U	< 0.66 U	< 0.54 U	< 0.75 U	< 0.83 U	< 0.66 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	0.44 J	0.54 J	< 0.017 UJ	< 0.0028 UJ	< 0.0032 UJ	< 0.016 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 0.02 U	0.84 J+	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 0.54 U	< 0.66 U	< 0.53 U	< 0.74 U	< 0.83 U	< 0.66 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 0.12 U	< 0.14 U	< 0.11 U	< 0.16 U	< 0.18 U	< 0.14 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 0.28 U	< 0.33 UJ	< 0.27 U	< 0.38 U	< 0.42 U	< 0.33 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						220	220	--	2	--	--
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 0.02 U	< 0.006 U	< 0.006 U	< 0.009 U	< 0.007 U	< 0.006 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	R	R	R	R	R	R
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 0.54 U	< 0.66 U	< 0.54 U	< 0.74 U	< 0.83 U	< 0.66 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.55 U	< 0.66 U	< 0.54 U	< 0.74 U	< 0.83 U	< 0.66 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 0.56 U	< 0.67 U	< 0.55 U	< 0.76 U	< 0.84 U	< 0.67 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 0.0099 UJ-	< 0.043 UJ-	< 0.013 UJ-	< 0.014 UJ-	< 0.03 UJ-	< 0.03 UJ-
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 0.0099 UJ-	< 0.043 UJ-	< 0.013 UJ-	< 0.014 UJ-	< 0.03 UJ-	< 0.03 UJ-
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.0078 U	< 0.0053 U	< 0.0063 U	< 0.0068 U	< 0.009 U	< 0.005 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 0.027 U	< 0.033 U	< 0.027 U	< 0.037 U	< 0.041 U	< 0.033 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 0.011 U	< 0.013 U	< 0.011 U	< 0.015 U	< 0.017 U	< 0.013 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.011 U	< 0.013 U	< 0.011 U	< 0.015 U	< 0.017 U	< 0.013 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 0.0099 U	< 0.043 U	< 0.013 U	< 0.014 U	< 0.03 U	< 0.03 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.0078 U	< 0.0053 U	< 0.0063 U	< 0.0068 U	< 0.009 U	< 0.005 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.0056 U	< 0.0067 U	< 0.0055 U	< 0.0076 U	< 0.0085 U	< 0.0067 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 0.0099 UJ-	< 0.043 UJ-	< 0.013 UJ-	< 0.014 UJ-	< 0.03 UJ-	< 0.03 UJ-
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 0.0078 U	< 0.0053 U	< 0.0063 U	< 0.0068 U	< 0.009 U	< 0.005 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	0.097	< 0.016 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	0.076 J	< 0.016 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	0.071 J	< 0.016 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	0.049 J+	< 0.02 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	0.11	< 0.02 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	0.12	< 0.02 U

TABLE 2-16
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						220	220	--	2	--	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	0.084 J+	< 0.02 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 0.55 U	< 0.66 U	< 0.54 U	< 0.74 U	< 0.83 U	< 0.66 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 0.54 U	< 0.66 U	< 0.53 U	< 0.74 U	< 0.82 U	< 0.66 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 0.55 U	< 0.67 U	< 0.54 U	< 0.75 U	< 0.84 U	< 0.67 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 0.55 U	< 0.66 U	< 0.54 U	< 0.75 U	< 0.83 U	< 0.66 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 0.58 U	< 0.7 U	< 0.57 U	< 0.78 U	< 0.87 U	< 0.7 UJ
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 0.59 U	< 0.71 U	< 0.58 U	< 0.8 U	< 0.89 U	< 0.71 UJ
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.0099 U	< 0.043 U	< 0.013 U	< 0.014 U	< 0.03 U	< 0.03 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.0078 U	< 0.0053 U	< 0.0063 U	< 0.0068 U	< 0.009 U	< 0.005 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 0.27 U	< 0.33 U	< 0.27 U	< 0.37 U	< 0.41 U	< 0.33 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 0.27 U	< 0.33 U	< 0.27 U	< 0.37 U	< 0.41 U	< 0.33 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 0.27 U	< 0.33 U	< 0.27 U	< 0.37 U	< 0.42 U	< 0.33 UJ
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.0099 U	< 0.043 U	< 0.013 U	< 0.014 U	< 0.03 U	< 0.03 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	0.21 J	< 0.0053 U	< 0.0063 U	< 0.0068 U	0.1 J	< 0.005 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	0.31	< 0.01 U	< 0.017 U	< 0.0028 U	0.12	< 0.016 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	0.097 J	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	0.087	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 0.27 U	< 0.33 U	< 0.27 U	< 0.37 U	< 0.42 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.22 U	< 0.27 U	< 0.22 U	< 0.3 U	< 0.33 U	< 0.27 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 0.055 U	< 0.067 U	< 0.054 U	< 0.075 U	< 0.084 U	< 0.067 U
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 0.027 U	< 0.033 U	< 0.027 U	< 0.037 U	< 0.041 U	< 0.033 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 0.011 U	< 0.013 U	< 0.011 U	< 0.015 U	< 0.017 U	< 0.013 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 UJ
Shallow	Downgradient	H-43	55a	N	01/27/09	< 0.0025 U	0.23	< 0.017 U	< 0.0028 U	0.8	< 0.016 U
Shallow	Downgradient	H-43	55b	N	04/21/09	0.25 J	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	H-43	55d	N	10/23/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	H-43	55e	N	05/11/10	0.1	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.55 U	< 0.66 U	< 0.54 U	< 0.75 U	< 0.83 U	< 0.66 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 0.11 U	< 0.13 U	< 0.11 U	< 0.15 U	< 0.17 U	< 0.13 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 0.11 U	< 0.13 U	< 0.11 U	< 0.15 U	< 0.17 U	< 0.13 UJ
Shallow	Downgradient	M7B	55a	N	02/03/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						220	220	--	2	--	--
Shallow	Downgradient	M7B	55b	N	04/23/09	< 0.0025 U	< 0.01 U	< 0.017 U	< 0.0028 U	< 0.0032 U	< 0.016 U
Shallow	Downgradient	M7B	55c	N	07/28/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 0.02 UJ	< 0.01 UJ	< 0.01 UJ	< 0.01 UJ	< 0.01 UJ	< 0.02 UJ
Shallow	Downgradient	M7B	55d	N	10/28/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Shallow	Downgradient	M7B	55f	N	10/28/10	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Shallow	Downgradient	M7B	55g	N	03/30/11	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 0.03 UJ	< 0.04 UJ	< 0.05 UJ	< 0.03 UJ	< 0.05 UJ	< 0.04 UJ
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 0.055 U	< 0.066 U	< 0.054 U	< 0.074 U	< 0.083 U	< 0.066 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 0.055 U	< 0.066 U	< 0.054 U	< 0.074 U	< 0.083 U	< 0.066 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 UJ
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 0.06 U	< 0.08 U	< 0.1 U	< 0.06 U	< 0.1 U	< 0.08 U
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	< 0.28 U	< 0.33 U	< 0.27 U	< 0.38 U	< 0.42 U	< 0.33 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 0.55 U	< 0.67 U	< 0.54 U	< 0.75 U	< 0.84 U	< 0.67 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	< 0.28 U	< 0.34 U	< 0.27 U	< 0.38 U	0.49 J	< 0.34 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 0.02 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.01 U	< 0.02 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 0.55 U	< 0.66 U	< 0.54 U	< 0.75 U	< 0.83 U	< 0.66 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 2.8 U	< 3.3 U	< 2.7 U	< 3.8 U	< 4.2 U	< 3.3 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 0.055 U	0.26 J	< 0.054 U	< 0.075 U	< 0.084 U	< 0.067 U
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 0.03 U	< 0.04 U	< 0.051 U	< 0.03 U	< 0.051 U	< 0.04 U
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	< 0.027 U	< 0.033 U	< 0.027 U	< 0.037 U	< 0.041 U	< 0.033 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 0.027 U	< 0.033 U	< 0.027 U	< 0.037 U	< 0.042 U	< 0.033 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 0.028 U	< 0.034 U	< 0.027 U	< 0.038 U	< 0.042 U	< 0.034 U
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 0.03 U	< 0.04 U	< 0.05 U	< 0.03 U	< 0.05 U	< 0.04 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 0.0055 UJ	< 0.0067 UJ	< 0.0054 UJ	< 0.0075 UJ	< 0.0084 UJ	< 0.0067 UJ
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 0.011 UJ	< 0.013 UJ	< 0.011 UJ	< 0.015 UJ	< 0.017 UJ	< 0.013 UJ
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.03 U	< 0.04 U	< 0.05 U	< 0.03 U	< 0.05 U	< 0.04 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.0056 U	< 0.0067 U	< 0.0055 U	< 0.0076 U	< 0.0084 U	< 0.0067 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.03 U	< 0.04 U	< 0.05 U	< 0.03 U	< 0.05 U	< 0.04 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.0055 U	< 0.0067 U	0.011 J	< 0.0075 U	< 0.0084 U	< 0.0067 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.03 U	< 0.04 U	< 0.05 U	< 0.03 U	< 0.05 U	< 0.04 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	--	--	2	--	--
BCL						220	220	--	2	--	--
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.03 U	< 0.04 U	< 0.05 U	< 0.03 U	< 0.05 U	< 0.04 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.028 U	< 0.038 U	< 0.047 U	< 0.028 U	< 0.047 U	< 0.038 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.0055 U	< 0.0066 U	< 0.0054 U	< 0.0075 U	< 0.0083 U	< 0.0066 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.0055 U	< 0.0067 U	< 0.0054 U	< 0.0075 U	< 0.0084 U	< 0.0067 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-16
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						0.2	--	0.4	0.2	40	3
BCL						0.2	--	0.4	0.2	40	3
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	50 J-	< 0.02 UJ-	< 0.015 UJ-	< 0.0099 UJ-	< 0.053 UJ-	< 1.9 UJ-
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	34	< 0.0088 U	< 0.034 U	< 0.0062 U	< 0.01 U	< 0.59 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	39	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	44 J	< 0.0027 UJ	< 0.0025 UJ	< 0.0032 UJ	< 0.005 UJ	< 0.33 UJ
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	44	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	50	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 UJ	< 0.66 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	50	< 0.01 U	< 0.003 U	< 0.01 U	< 0.66 U	< 0.66 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	58	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	21	< 0.85 U	< 0.72 U	< 0.7 U	< 1.2 U	< 34 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	86 J	< 17 U	< 14 UJ	< 14 U	< 24 U	< 690 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	44 J	< 8.6 U	< 7.3 U	< 7.1 U	< 12 U	< 350 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	9 J-	< 0.02 UJ-	< 0.015 UJ-	< 0.0099 UJ-	< 0.053 UJ-	< 1.9 UJ-
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	10 J-	< 0.0088 U	< 0.034 U	< 0.0062 U	< 0.01 U	< 0.59 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	10 J	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	13	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	12 J	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	14 J	< 0.01 U	< 0.003 U	< 0.01 U	< 0.66 U	< 0.66 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	8.9	R	R	R	R	< 0.66 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	9.3	< 0.41 U	< 0.35 U	< 0.34 U	< 0.59 U	< 17 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	8.1	< 0.17 U	< 0.14 U	< 0.14 U	< 0.24 U	< 6.8 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	6.6	< 0.087 U	< 0.074 U	< 0.072 U	< 0.12 U	< 3.5 UJ
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	--	--	--	--	--	--
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	0.089 J	< 0.086 U	< 0.073 U	< 0.071 U	< 0.12 U	< 3.5 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 0.065 U	< 0.086 U	< 0.073 U	< 0.071 U	< 0.12 U	< 3.5 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 1.3 U	< 1.8 U	< 1.5 U	< 1.4 U	< 2.5 U	< 71 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1.3 U	< 1.7 U	< 1.5 U	< 1.4 U	< 2.5 U	< 70 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	< 0.13 U	< 0.17 U	0.21 J	< 0.14 U	< 0.25 U	< 7 UJ
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	< 0.13 U	< 0.18 U	< 0.15 U	< 0.14 U	< 0.25 U	< 7.1 UJ
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	2.3 J	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	1.4 J-	< 0.0027 UJ	< 0.0025 UJ	< 0.0032 UJ	0.052 J	< 0.33 UJ
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	1.9	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	3.1 J+	< 0.01 U	< 0.003 U	< 0.01 U	0.083 J+	< 0.66 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	1.4 J	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 0.97 U	< 1.3 U	< 1.1 U	< 1.1 U	< 1.8 U	< 52 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	0.85 J	< 0.86 U	< 0.73 U	< 0.71 U	< 1.2 U	< 35 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 0.65 U	< 0.86 U	< 0.73 U	< 0.71 U	< 1.2 U	< 35 UJ
Shallow	Upgradient	EC-2	55a	N	01/22/09	0.31 J	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	0.65 J	< 0.0027 UJ	< 0.0025 UJ	< 0.0032 UJ	< 0.005 UJ	< 0.33 UJ
Shallow	Upgradient	EC-2	55c	N	07/27/09	0.52 J+	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Upgradient	EC-2	55d	N	10/22/09	1.3 J	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	0.34 J+	< 0.01 U	< 0.003 UJ	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 0.65 U	< 0.85 U	< 0.72 U	< 0.7 U	< 1.2 U	< 34 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	8.8	< 0.18 U	< 0.15 U	< 0.15 U	< 0.26 U	< 7.4 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 0.33 U	< 0.43 U	< 0.37 U	< 0.36 U	< 0.62 U	< 18 UJ

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						0.2	--	0.4	0.2	40	3
BCL						0.2	--	0.4	0.2	40	3
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 0.0065 U	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	< 0.0066 U	< 0.0087 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	< 0.0066 U	< 0.0087 U	< 0.0073 U	< 0.0072 U	< 0.012 U	< 0.35 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 0.005 U	< 0.006 U	< 0.006 UJ-	< 0.006 U	< 0.013 U	< 0.27 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	R	R	R	R	R	R
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	0.051 J+	< 0.66 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.66 U	< 0.66 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 0.65 U	< 0.85 U	< 0.72 U	< 0.7 U	< 1.2 U	< 34 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 0.65 U	< 0.86 U	< 0.72 UJ	< 0.71 U	< 1.2 U	< 35 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 0.66 U	< 0.87 U	< 0.74 U	< 0.72 U	< 1.2 U	< 35 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	0.19 J-	< 0.02 UJ-	< 0.015 UJ-	< 0.0099 UJ-	< 0.053 UJ-	< 1.9 UJ-
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	0.17 J-	< 0.02 UJ-	< 0.015 UJ-	< 0.0099 UJ-	< 0.053 UJ-	< 1.9 UJ-
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 0.0032 U	< 0.0088 U	< 0.034 U	< 0.0062 U	< 0.01 U	< 0.59 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.66 U	< 0.66 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	0.044 J	< 0.043 U	< 0.036 U	< 0.035 U	< 0.061 U	< 1.7 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	0.076 J	< 0.017 U	< 0.015 U	< 0.014 U	< 0.025 U	< 0.69 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 0.013 UJ	< 0.017 U	0.017 J	< 0.014 U	< 0.025 U	< 0.69 UJ
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	0.23	< 0.02 U	< 0.015 U	< 0.0099 U	< 0.053 U	< 1.9 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 0.0032 U	< 0.0088 U	< 0.034 U	< 0.0062 U	< 0.01 U	< 0.59 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.66 U	< 0.66 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.003 U	< 0.01 U	< 0.003 UJ	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	0.043 J	< 0.0087 U	< 0.0074 U	< 0.0072 U	< 0.012 U	< 0.35 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	0.04 J	< 0.0087 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	0.13	< 0.0088 U	< 0.0074 U	< 0.0072 U	< 0.013 U	< 0.35 UJ
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	9.7 J-	< 0.02 UJ-	< 0.015 UJ-	< 0.0099 UJ-	< 0.053 UJ-	< 1.9 UJ-
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	4.7	< 0.0088 U	< 0.034 U	< 0.0062 U	< 0.01 U	< 0.59 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	3	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	4.7	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	1.8	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	1.8	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	2.5	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	2.1	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	2	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						0.2	--	0.4	0.2	40	3
BCL						0.2	--	0.4	0.2	40	3
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	0.61 J+	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 0.65 U	< 0.86 U	< 0.72 U	< 0.71 U	< 1.2 U	< 35 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 0.65 U	< 0.85 U	< 0.72 U	< 0.7 U	< 1.2 U	< 34 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 0.66 U	< 0.87 U	< 0.73 U	< 0.71 U	< 1.2 U	< 35 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 0.65 U	< 0.86 U	< 0.73 U	< 0.71 U	< 1.2 U	< 35 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	< 0.69 U	< 0.9 U	< 0.76 U	< 0.74 U	< 1.3 U	< 36 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	< 0.7 U	< 0.92 U	< 0.78 U	< 0.76 U	< 1.3 U	< 37 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 0.018 U	< 0.02 U	< 0.015 U	< 0.0099 U	< 0.053 U	< 1.9 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 0.0032 U	< 0.0088 U	1.2 J	< 0.0062 U	< 0.01 U	< 0.59 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	0.2 J	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	0.091 J	0.18 J	0.25 J	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	0.19 J+	0.32 J+	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	0.12 J+	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	0.11	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	0.14 J+	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 0.32 U	< 0.43 U	< 0.36 U	< 0.35 U	< 0.61 U	< 17 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 0.32 U	< 0.43 U	< 0.36 U	< 0.35 U	< 0.61 U	< 17 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 0.33 U	< 0.43 U	< 0.36 U	< 0.35 U	< 0.61 U	< 17 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 0.018 U	< 0.02 U	< 0.015 U	< 0.0099 U	< 0.053 U	< 1.9 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	0.12 J	< 0.0088 U	< 0.034 U	< 0.0062 U	< 0.01 U	< 0.59 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	0.24	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	0.12 J	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 0.33 U	< 0.43 U	< 0.36 U	< 0.35 U	< 0.62 U	< 17 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 0.26 U	< 0.35 U	< 0.29 U	< 0.29 U	< 0.49 U	< 14 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	0.3 J	< 0.087 U	< 0.073 U	< 0.071 U	< 0.12 U	< 3.5 UJ
Shallow	Downgradient	H-28	55a	N	01/26/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	H-28	55b	N	04/22/09	< 0.0025 U	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	H-28	55c	N	07/22/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	H-28	55d	N	10/20/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Downgradient	H-28	55f	N	10/26/10	< 0.032 U	< 0.043 U	< 0.036 U	< 0.035 U	< 0.061 U	< 1.7 U
Shallow	Downgradient	H-28	55g	N	03/24/11	< 0.013 U	< 0.017 U	< 0.015 U	< 0.014 U	< 0.025 U	< 0.7 U
Shallow	Downgradient	H-28	55h	N	10/20/11	< 0.0065 U	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Shallow	Downgradient	H-43	55a	N	01/27/09	0.27	< 0.0027 U	< 0.0025 U	< 0.0032 U	0.2	< 0.33 U
Shallow	Downgradient	H-43	55b	N	04/21/09	0.37 J	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	H-43	55c	N	07/30/09	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	H-43	55d	N	10/23/09	0.14 J+	< 0.01 U	0.22 J+	< 0.01 U	0.055 J+	< 0.66 U
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.003 U	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.65 U	< 0.86 U	< 0.73 U	< 0.71 U	< 1.2 U	< 35 U
Shallow	Downgradient	H-43	55g	N	03/24/11	< 0.13 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.25 U	< 7 U
Shallow	Downgradient	H-43	55h	N	10/20/11	< 0.13 U	< 0.17 U	< 0.15 U	< 0.14 U	< 0.25 U	< 7 U
Shallow	Downgradient	M7B	55a	N	02/03/09	0.2	< 0.0027 U	< 0.0025 U	< 0.0032 U	< 0.005 U	< 0.33 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						0.2	--	0.4	0.2	40	3
BCL						0.2	--	0.4	0.2	40	3
Shallow	Downgradient	M7B	55b	N	04/23/09	0.2	< 0.0027 U	0.15 J	< 0.0032 U	< 0.005 U	< 0.33 U
Shallow	Downgradient	M7B	55c	N	07/28/09	0.24	< 0.01 U	< 0.003 U	< 0.01 U	< 0.01 U	< 0.66 U
Shallow	Downgradient	M7B	55c	FD	07/28/09	0.2 J-	< 0.01 UJ	< 0.003 UJ	< 0.01 UJ	< 0.01 UJ	< 0.66 UJ
Shallow	Downgradient	M7B	55d	N	10/28/09	0.17	< 0.01 U	< 0.003 U	< 0.01 U	< 0.66 U	< 0.66 U
Shallow	Downgradient	M7B	55e	N	04/22/10	0.16	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Shallow	Downgradient	M7B	55f	N	10/28/10	0.18	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Shallow	Downgradient	M7B	55g	N	03/30/11	0.14	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	0.17	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	0.99 J	--	< 0.003 UJ	< 0.0025 UJ	< 0.04 UJ	< 0.25 UJ
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	0.99	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	1.6	< 0.086 U	< 0.073 U	< 0.071 U	< 0.12 U	< 3.5 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	1.7	< 0.086 U	< 0.073 UJ	< 0.071 U	< 0.12 U	< 3.5 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	0.33	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	9.8	--	< 0.006 U	< 0.005 U	< 0.08 U	< 0.5 UJ
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	11	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	10	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	15	< 0.43 U	< 0.37 U	< 0.36 U	< 0.62 U	< 18 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	15	< 0.87 U	< 0.73 UJ	< 0.71 U	< 1.2 U	< 35 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	17	< 0.44 U	41	60 J	< 0.62 U	< 18 UJ
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	0.41	< 0.01 U	< 0.003 U	< 0.01 U	< 0.001 U	< 0.66 U
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	0.97 J+	< 0.01 U	< 0.003 UJ	0.3 J+	< 0.001 U	< 0.66 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 0.65 U	< 0.86 U	< 0.73 U	< 0.71 U	< 1.2 U	< 35 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 3.3 U	< 4.3 U	< 3.7 U	< 3.6 U	< 6.2 U	< 170 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	< 0.066 U	< 0.087 U	< 0.074 U	< 0.072 U	< 0.12 U	< 3.5 UJ
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	< 0.03 U	--	< 0.003 U	< 0.0025 U	< 0.04 U	< 0.25 UJ
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	0.034	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	0.063 J	< 0.043 U	< 0.036 U	< 0.035 U	< 0.061 U	< 1.7 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 0.033 U	< 0.043 U	< 0.036 U	< 0.035 U	< 0.062 U	< 1.7 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	0.28	< 0.044 U	< 0.037 U	< 0.036 U	< 0.062 U	< 1.8 UJ
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	< 0.03 U	--	< 0.003 U	< 0.0025 U	< 0.04 U	< 0.25 U
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	< 0.028 U	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	< 0.0065 U	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 0.0066 UJ	< 0.0087 UJ	< 0.0073 UJ	< 0.0071 UJ	< 0.012 UJ	< 0.35 UJ
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 0.013 UJ	< 0.017 UJ	0.044 J-	< 0.014 UJ	< 0.025 UJ	< 0.7 UJ
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	< 0.03 U	--	< 0.003 U	< 0.0025 U	< 0.04 U	< 0.25 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	< 0.028 U	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 0.0065 U	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	< 0.0066 U	< 0.0087 U	< 0.0073 U	< 0.0072 U	< 0.012 U	< 0.35 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	< 0.0066 U	< 0.0087 U	< 0.0074 U	< 0.0072 U	< 0.012 U	< 0.35 U
Deep	Upgradient	MW-8	POSSM	N	11/18/09	< 0.03 U	--	< 0.003 U	< 0.0025 U	< 0.04 U	< 0.25 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	< 0.028 U	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U
Deep	Upgradient	MW-8	55f	N	10/22/10	< 0.0065 U	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Deep	Upgradient	MW-8	55g	N	03/23/11	< 0.0066 U	< 0.0087 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Deep	Upgradient	MW-8	55h	N	10/19/11	< 0.0066 U	< 0.0087 U	< 0.0073 U	< 0.0072 U	< 0.012 U	< 0.35 U
Deep	Downgradient	TR-11	POSSM	N	11/18/09	< 0.03 U	--	< 0.003 U	< 0.0025 U	< 0.04 U	< 0.25 U
Deep	Downgradient	TR-11	POSSM	N	04/26/10	< 0.028 U	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	gamma-BHC (Lindane)	gamma-Chlordane	Heptachlor	Heptachlor epoxide	Methoxychlor	Toxaphene
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						0.2	--	0.4	0.2	40	3
BCL						0.2	--	0.4	0.2	40	3
Deep	Downgradient	TR-11	55f	N	10/21/10	< 0.0065 U	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Deep	Downgradient	TR-11	55g	N	03/22/11	< 0.0066 U	< 0.0087 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Deep	Downgradient	TR-11	55h	N	10/18/11	< 0.0066 U	< 0.0087 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Deep	Downgradient	TR-12	POSSM	N	11/21/09	< 0.03 U	--	< 0.003 U	< 0.0025 U	< 0.04 U	< 0.25 U
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 0.028 U	--	< 0.0028 U	< 0.0024 U	< 0.038 U	< 0.24 U
Deep	Downgradient	TR-12	55f	N	10/21/10	< 0.0065 U	< 0.0086 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Deep	Downgradient	TR-12	55g	N	03/22/11	< 0.0066 U	< 0.0087 U	< 0.0073 U	< 0.0071 U	< 0.012 U	< 0.35 U
Deep	Downgradient	TR-12	55h	N	10/18/11	< 0.0066 U	< 0.0087 U	< 0.0074 U	< 0.0072 U	< 0.012 U	< 0.35 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

-- = no sample data.

TABLE 2-17
TOTAL METALS RESULTS
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CAMU AREA, CLARK COUNTY, NEVADA
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						--	6	10	2000	4	--	5	--
BCL						37000	6	10	2000	4	7300	5	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 851 U	< 1.6 U	153	7.7 J	1.9 J	218 J	< 0.53 U	227
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 248 U	< 5.6 U	125 J	30.4 J	< 13 U	1570 J	< 1.1 U	293
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 36 U	< 0.7 U	170	37.7	< 0.8 U	1410 J-CAB	< 0.4 U	307 J-CAB
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	349	< 0.7 U	175	34.2	< 0.8 U	1630 J-CAB	< 0.4 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 36 U	< 0.7 U	173	35.8	< 0.8 U	1590	< 0.4 U	345 J-TDS
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	< 36.2 U	< 0.7 U	162	34.6	< 0.8 U	1660	< 0.4 U	351
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 36.2 U	< 0.7 U	178	36	< 0.8 U	1380	< 0.4 U	366 J-TDS
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 90 U	< 1.8 U	180 J	43 J	< 2 U	1400	< 1 U	450 J-TDS
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 150 U	< 0.35 U	120	47	< 0.08 U	1300	< 0.5 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 18 U	< 0.35 U	160	45	< 0.4 U	1400	0.28 J	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	10 J	0.8 J	93	44	< 0.08 U	1400	< 0.04 U	390 J-TDS
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 851 U	< 1.6 U	307	111 J	< 0.57 U	1570 J	< 0.53 U	1510
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 1981 U	< 45 U	782	< 105 U	< 26 U	< 3608 U	< 8.4 U	1660
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 72 U	< 1.4 U	630	35.2 J	< 1.6 U	996	< 0.8 U	1650
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 18 U	< 0.7 U	611	31.5	< 0.8 U	1080	< 0.4 U	1560
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	60.6 J	< 50 U	608	32.5	< 0.8 U	943	< 0.4 U	1410
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 72.4 U	< 1.4 U	626	33.8 J	< 1.6 U	924	< 0.8 U	1580 J-TDS
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	180 J	1.4 J	630	31 J	< 1.6 U	980	< 2 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	< 150 U	0.4 J	580	33	< 0.4 U	1000	0.29 J	1200 J-TDS
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 90 U	< 1.8 U	610	35 J	< 2 U	920	< 1 U	1000 J-TDS
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 46 U	1.4 J	530	33	< 0.08 U	1000	0.17 J	1200 J-TDS
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	4350	< 5.6 U	445	90.8	< 12.79 U	2350 J	< 1.05 U	248
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	928	< 0.35 U	258	55.8	< 0.4 U	1520	< 0.2 U	270 J-TDS
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	280 J	< 1.4 U	310	59	< 1.6 U	1600	< 1 U	280 J-TDS
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 150 U	0.1 J	260	48	< 0.08 U	1500	< 0.5 U	320 J-TDS
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	< 150 U	< 0.35 U	340	47	< 0.08 U	1500	< 0.5 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	11 J	< 10 U	280	48	< 0.16 U	1400	< 0.08 U	300 J-TDS
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	7.4 J	< 0.14 U	310	46	< 0.16 U	1400	< 0.08 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	200 J	0.076 J	310	46	< 0.08 U	1500	< 0.04 UJ	330 J-TDS
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	31 J	< 0.07 U	320	45	< 0.08 U	1600	< 0.04 UJ	320 J-TDS
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	94.4 J	< 0.7 U	360	49.9	< 0.8 U	2550	< 0.4 U	818
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 18 U	< 0.35 U	343	46.5	< 0.4 U	2570	< 0.2 U	835 J-TDS
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 300 U	< 0.7 U	342	45.3	< 0.8 U	2570	< 0.4 U	736 J-TDS
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 36.2 U	< 0.7 U	364	48.4	< 0.8 U	2510	< 0.4 U	778 J-TDS
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 180 U	< 3.5 U	720	88 J	< 4 U	2600	< 1 U	800 J-TDS
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	< 18 U	0.15 J	360	47	< 0.08 U	2800	0.17 J	820 J-TDS
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 36 U	< 0.7 U	380	45	< 0.8 U	2500	< 0.4 U	700 J-TDS
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	< 9.2 U	0.3 J	320	39	< 0.08 U	2700	< 0.04 UJ	790 J-TDS
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 36 U	< 0.7 U	187	67.2	< 0.8 U	1540	< 0.4 U	401
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 18 U	< 0.35 U	173	66.9	< 0.4 U	1600 J-CAB	< 0.2 U	R-CAB&TDS
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 300 U	< 0.7 U	184	70.8	< 0.8 U	1600	< 0.4 U	422 J-TDS
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 36.2 U	< 0.7 U	182	72	< 0.8 U	1530	< 0.4 U	442 J-TDS
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 90 U	< 1.8 U	200 J	81	< 2 U	1600	< 1 U	R-CAB&TDS
Shallow	Upgradient	EC-2	55f	N	10/29/10	< 18 U	0.18 J	180	82	< 0.08 U	1800	0.16 J	520 J-TDS
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 90 U	< 1.8 U	530	48 J	< 2 U	870	< 1 U	750 J-TDS
Shallow	Upgradient	EC-2	55h	N	10/27/11	15 J	0.25 J	150	91	< 0.08 U	1600	< 0.04 UJ	600 J-TDS

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						--	6	10	2000	4	--	5	--
BCL						37000	6	10	2000	4	7300	5	--
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	87.8 J	< 0.35 U	39.8 J	26.6	< 0.4 U	597	< 0.2 U	58
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 90 U	< 1.4 U	38 J	25 J	< 1.6 U	680	< 1 U	61 J-TDS
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	< 150 U	< 0.35 U	46	28	< 0.08 U	660	< 0.04 U	58 J-TDS
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	11 J	< 0.07 U	44	30	< 0.08 U	640	< 0.04 U	59 J-TDS
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	15 J	< 0.07 U	39	27	< 0.08 U	680	< 0.04 UJ	67 J-TDS
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 212 U	2.2 J	241	76.3 J	< 0.57 U	1300	< 0.53 UJ-	906
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 248 U	< 5.6 U	336	51	< 13 U	< 1800 U	< 1 U	1010
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 36 U	< 0.7 U	293	52.9	< 0.8 U	1610	< 0.4 U	974
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 18 U	< 0.35 U	293	51.8	< 0.4 U	1830	< 0.2 U	964 J-TDS
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 3.6 U	< 5 U	298	50.8	< 0.08 U	1740	< 0.04 U	993
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 36.2 U	< 0.7 U	294	53.1	< 0.8 U	1780	< 0.4 U	965 J-TDS
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 90 U	< 1.4 U	310	53	< 1.6 U	1700	< 1 U	970 J-TDS
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 18 U	< 0.35 U	300	52	< 0.08 U	1700	< 0.5 U	870 J-TDS
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 150 U	< 0.35 U	300	55	< 0.4 U	1600	0.36 J	910 J-TDS
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 9.2 U	0.31 J	290	50	< 0.08 U	1800	< 0.04 U	940 J-TDS
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 106 U	< 1.6 U	195	55.3 J+	< 0.57 U	2600 J+	< 0.53 U	480
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 106 U	< 1.6 U	184	54.1 J	< 0.57 U	2450	< 0.53 U	483
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 495 U	< 11 U	210 J	53.9 J	< 6.4 U	2500	< 2.1 U	655
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	18.9 J	< 0.35 U	188	57.4	< 0.4 U	2250	< 0.2 U	696
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	21.8 J	< 0.35 U	189	58.4	< 0.4 U	2310	< 0.2 U	717
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 18 U	< 0.35 U	195	56.8	< 0.4 U	2460	< 0.2 U	690 J-TDS
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	35.8	< 0.07 U	204	56.4	< 0.08 U	2420	0.06 J	752
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 36.2 U	< 0.7 U	193	57.9	< 0.8 U	2440	< 0.4 U	720 J-TDS
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 90 U	< 1.4 U	210	60	< 1.6 U	2300	< 1 U	730 J-TDS
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 18 U	< 0.35 U	210	63	0.12 J	2300 J	< 0.5 U	680 J-TDS
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 18 U	< 0.35 U	190	59	< 0.4 U	2100	< 0.2 U	670 J-TDS
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	15 J	0.16 J	180	58	< 0.08 U	2300	< 0.04 UJ	750 J-TDS
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 170 U	< 1.6 U	76.5	61.2 J	< 0.57 U	2670	< 0.53 U	345
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 248 U	< 5.6 U	106	39 J	< 3.2 U	3020 J-	< 1.1 U	477
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	36.3 J	< 0.35 U	106	40.6	< 0.4 U	2490	< 0.2 U	464
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	114	< 0.14 U	107	40.2	< 0.16 U	2730	< 0.08 U	459 J-TDS
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 36.2 U	< 0.7 U	111	42.1	< 0.8 U	2480	< 0.4 U	R-CAB&TDS
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 18.1 U	< 0.35 U	105	40	< 0.4 U	2370	< 0.2 U	495 J-TDS
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	140 J	< 1.8 U	110 J	39 J	< 2 U	2500	< 1 U	460 J-TDS
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 18 U	0.07 J	120	40	< 0.08 U	2600 J	0.17 J	450 J-TDS
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 18 U	< 0.35 U	120	40	< 0.4 U	2400	< 0.2 U	430 J-TDS
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 9.2 U	0.12 J	110	38	< 0.08 U	2500	< 0.04 UJ	470 J-TDS
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 851 U	< 1.6 U	161	< 3.1 U	< 0.57 U	2190 J	< 0.53 U	272
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 248 U	< 5.6 U	92.1 J	46.2 J	< 13 U	1660 J	< 1.1 U	368
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	50	< 0.7 U	104	49	< 0.8 U	1540	< 0.4 U	354
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 36 U	< 0.7 U	103	49.9	< 0.8 U	1580	< 0.4 U	362
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	530	< 0.7 U	106	51	< 0.8 U	1830 J	< 0.4 U	357 J-TDS
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	343	< 0.7 U	108	52.8	< 0.8 U	1810 J	< 0.4 U	359 J-TDS
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 300 U	< 0.7 U	99.9 J	50.1	< 0.8 U	1500	< 0.4 U	341
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 36.2 U	< 0.7 UJ	104	52.4	< 0.8 U	1660	< 0.4 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 36.2 U	< 0.7 UJ	104	51.6	< 0.8 U	1690	< 0.4 U	R-CAB&TDS

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						--	6	10	2000	4	--	5	--
BCL						37000	6	10	2000	4	7300	5	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 90 U	< 1.4 U	93 J	51	< 1.6 U	1600	< 1 U	400 J-TDS
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 18 U	0.17 J	85	52	< 0.08 U	1500 J	0.042 J	390 J-TDS
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 18 U	0.12 J	88	54	< 0.08 U	1500 J	0.1 J	390 J-TDS
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 150 U	0.35 J	79	52	< 0.4 U	1400	< 0.2 U	440 J-TDS
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 150 U	< 0.35 U	83	52	< 0.4 U	1400	< 0.2 U	440 J-TDS
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	21 J	0.53 J	77	51	< 0.08 U	1600	< 0.04 U	470
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	15 J	0.52 J	78	52	< 0.08 U	1600	< 0.04 U	460 J-TDS
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 425 U	< 1.6 U	177	57 J	< 0.57 U	1490 J	< 0.53 U	209
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 248 U	< 5.6 U	55.6 J	34.9 J	< 13 U	2000 J	< 1.1 U	353
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 36 U	< 0.7 U	70.3 J	41.7	< 0.8 U	1860	< 0.4 U	377
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	548	< 0.7 U	113	47.2	< 0.8 U	2090	< 0.4 U	377 J-TDS
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 300 U	< 0.7 U	117	44.2	< 0.8 U	1820	< 0.4 U	325
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	< 36.2 U	< 0.7 UJ	85 J	38.2	< 0.8 U	1970	< 0.4 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	< 36.2 U	< 0.7 UJ	81.4 J	38.5	< 0.8 U	1980	< 0.4 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 90 U	< 1.4 U	84 J	37 J	< 1.6 U	1900	< 1 U	330 J-TDS
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 150 U	< 0.35 U	130	39	< 0.08 U	2400 J	< 0.5 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 18 U	< 0.35 U	95	37	< 0.4 U	2300	< 0.2 U	260 J-TDS
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 9.2 U	0.2 J	95	35	< 0.08 U	2600	< 0.04 U	230 J-TDS
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 85 U	< 1.6 U	81	46.6 J	< 0.57 U	1470	< 0.53 U	133
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 198 U	< 4.5 U	120 J	32.6 J	< 2.6 U	1300	< 0.84 U	209
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	19.1	< 0.14 U	137	42.8	< 0.16 U	1380	< 0.08 U	335
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 7.2 U	< 0.14 U	144	41.7	< 0.16 U	1490	< 0.08 U	299 J-TDS
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 36.2 U	< 0.7 U	127	36.6	< 0.8 U	1610	< 0.4 U	314 J-TDS
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 36.2 U	< 0.7 U	134	37.2	< 0.8 U	1460	< 0.4 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 90 U	< 1.8 U	130 J	34 J	< 2 U	1400	< 1 U	260 J-TDS
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	< 18 U	< 0.35 U	150	35	< 0.08 U	1600 J	< 0.5 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 7.2 U	< 0.14 U	140	34	< 0.16 U	1500	< 0.08 U	250 J-TDS
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	< 9.2 U	< 0.07 U	130	34	< 0.08 U	1600	< 0.04 UJ	R-CAB&TDS
Shallow	Downgradient	H-28	55a	N	01/26/09	148	< 0.35 U	246	60.4	< 0.4 U	2360	< 0.2 U	575
Shallow	Downgradient	H-28	55b	N	04/22/09	< 18 U	< 0.35 U	268	55.2	< 0.4 U	2460 J-CAB	< 0.2 U	559 J-CAB
Shallow	Downgradient	H-28	55c	N	07/22/09	< 300 U	< 0.7 U	272	58	< 0.8 U	2390	< 0.4 U	582 J-TDS
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 300 U	< 0.7 U	267	55.8	< 0.8 U	2360	< 0.4 U	584 J-TDS
Shallow	Downgradient	H-28	55d	N	10/20/09	109 J	< 0.35 UJ	306	61.7	< 0.4 U	2450	0.24 J	643 J-TDS
Shallow	Downgradient	H-28	55e	N	04/21/10	180 J	< 1.4 U	280	72	< 1.6 U	2400	< 1 U	640 J-TDS
Shallow	Downgradient	H-28	55f	N	10/26/10	200	< 0.35 U	260	67	< 0.08 U	2300	< 0.5 U	580 J-TDS
Shallow	Downgradient	H-28	55g	N	03/24/11	< 150 U	< 0.35 U	260	66	< 0.4 U	2200	< 0.2 U	640 J-TDS
Shallow	Downgradient	H-28	55h	N	10/20/11	2100	0.22 J	240	98	0.17 J	2300	11	R-CAB&TDS
Shallow	Downgradient	H-43	55a	N	01/27/09	< 7.2 U	< 0.14 U	71.3	36	< 0.16 U	1430	< 0.08 U	223
Shallow	Downgradient	H-43	55b	N	04/21/09	< 7.2 U	< 0.14 U	76	41.8	< 0.16 U	1480	< 0.08 U	233 J-TDS
Shallow	Downgradient	H-43	55c	N	07/30/09	< 36.2 U	< 50 U	78.5 J	30.4	< 0.8 U	1560	< 0.4 U	246
Shallow	Downgradient	H-43	55d	N	10/23/09	< 36.2 U	< 0.7 U	72.9 J	31.5	< 0.8 U	1420	< 0.4 U	243 J-TDS
Shallow	Downgradient	H-43	55e	N	05/11/10	< 90 U	< 1.8 U	84 J	33 J	< 2 U	1400	< 1 U	250 J-TDS
Shallow	Downgradient	H-43	55f	N	10/26/10	< 18 U	< 0.35 U	67	38	< 0.08 U	1400	< 0.5 U	260 J-TDS
Shallow	Downgradient	H-43	55g	N	03/24/11	< 18 U	< 0.35 U	100	33	< 0.4 U	1300	< 0.2 U	290 J-TDS
Shallow	Downgradient	H-43	55h	N	10/20/11	< 9.2 U	0.089 J	71	32	< 0.08 U	1500	0.078 J	300 J-TDS
Shallow	Downgradient	M7B	55a	N	02/03/09	89	< 0.35 U	89.3	41.4	< 0.4 U	4270	< 0.2 U	626

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						--	6	10	2000	4	--	5	--
BCL						37000	6	10	2000	4	7300	5	--
Shallow	Downgradient	M7B	55b	N	04/23/09	< 18 U	< 0.35 U	88	39.9	< 0.4 U	4520	< 0.2 U	616 J-TDS
Shallow	Downgradient	M7B	55c	N	07/28/09	< 36.2 U	< 0.7 U	85.4 J	39.9	< 0.8 U	4210	< 0.4 U	589 J-TDS
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 36.2 U	< 0.7 U	86.4 J	40.5	< 0.8 U	4230	< 0.4 U	603 J-TDS
Shallow	Downgradient	M7B	55d	N	10/28/09	< 18.1 U	< 0.35 U	84.2	38	< 0.4 U	4070	< 0.2 U	R-CAB&TDS
Shallow	Downgradient	M7B	55e	N	04/22/10	1100	< 1.4 U	89 J	41	< 1.6 U	4200	< 1 U	630 J-TDS
Shallow	Downgradient	M7B	55f	N	10/28/10	250	0.099 J	93	42	< 0.08 U	4100 J	0.11 J	R-CAB&TDS
Shallow	Downgradient	M7B	55g	N	03/30/11	51 J	< 0.35 U	90	38	< 0.4 U	4000	< 0.2 U	580 J-TDS
Shallow	Downgradient	M-7B	55h	N	10/26/11	400	0.24 J	81	41	< 0.08 U	4200	< 0.04 UJ	610 J-TDS
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	< 0.64 U	260	48	< 0.4 U	--	0.21	500
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	--	--	310 J+	53 J+	--	--	< 0.25 U	480
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	24 J	0.21 J	300	54	< 0.08 U	2000	0.13 J	490 J-TDS
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 150 U	< 0.35 U	290	53	< 0.4 U	1700	0.23 J	R-CAB&TDS
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	89	0.62 J	57	73	< 0.08 U	1700	< 0.04 U	R-CAB&TDS
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	< 0.12 U	44	38	< 0.08 U	--	< 0.04 U	56
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	--	--	48 J+	38 J+	--	--	< 0.25 U	57
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	--	--	47 J+	39 J+	--	--	< 0.25 U	57
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	150	0.22 J	46	41	< 0.08 U	770	0.071 J	57 J-TDS
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 150 U	< 0.35 U	46 J	38	< 0.4 U	580	< 0.2 U	59 J-TDS
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	180	0.11 J	43	36	< 0.08 U	620	< 0.04 U	57 J-TDS
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	93.7	< 0.07 U	6.6 J	29.9	< 0.08 U	923	0.076 J	27.7 J-CAB
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 90 U	< 1.8 U	6.4 J	29 J	< 2 U	850	< 1 U	29
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 150 U	0.47 J	10	27	< 0.08 U	950	< 0.04 U	R-CAB&TDS
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	70	0.32 J	13	28	< 0.08 U	850	< 0.04 U	27 J-TDS
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	140	0.33 J	8.5 J	30	0.17 J	900	0.67 J-	31 J-TDS
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	< 0.45 U	28	250	0.54	--	0.54	590
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	--	--	24 J+	120 J+	--	--	< 0.25 U	540
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	550	< 0.35 U	23	98	< 0.08 U	870 J	< 0.5 U	540 J-TDS
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	380	< 0.35 U	27 J	94	< 0.4 U	800	< 0.2 U	530 J-TDS
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	9400	0.29 J	22	210	0.36 J	910	0.28 J	620 J-TDS
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	< 0.33 U	28	280	0.48	--	0.7	320
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	--	--	19	130	--	--	< 0.25 U	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	160	< 0.35 U	16	100	< 0.08 U	890 J	< 0.5 U	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	110	< 0.14 U	15 J	110	< 0.16 U	840	< 0.08 U	360 J-TDS
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	580	0.16 J	21	100	< 0.08 U	940	< 0.04 UJ	440 J-TDS
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	< 0.08 U	23	36	< 0.08 U	--	< 0.04 U	47
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	--	--	30	42	--	--	< 0.25 U	42
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	< 30 U	< 0.07 U	7.1 J	34	< 0.08 U	860	0.065 J	28 J-TDS
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	81	0.16 J	14	35	< 0.08 U	770	< 0.04 U	R-CAB&TDS
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	44	< 0.07 U	14	35	< 0.08 U	820	< 0.04 U	28 J-TDS
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	< 0.94 U	460	97	< 0.4 U	--	< 0.2 U	53
Deep	Upgradient	MW-8	POSSM	N	04/27/10	--	--	270	65	--	--	< 0.25 U	53
Deep	Upgradient	MW-8	55f	N	10/22/10	< 30 U	< 5 U	77	38	0.081 J	520	0.04 J	R-CAB&TDS
Deep	Upgradient	MW-8	55g	N	03/23/11	37	0.16 J	200	59	< 0.08 U	450	0.072 J	R-CAB&TDS
Deep	Upgradient	MW-8	55h	N	10/19/11	17 J	0.39 J	150	54	< 0.08 U	520	0.11 J	54 J-TDS
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	< 0.096 U	42	29	< 0.08 U	--	0.055	41
Deep	Downgradient	TR-11	POSSM	N	04/26/10	--	--	40	26	--	--	< 0.25 U	41

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						--	6	10	2000	4	--	5	--
BCL						37000	6	10	2000	4	7300	5	--
Deep	Downgradient	TR-11	55f	N	10/21/10	< 3.6 U	< 5 U	42	27	< 0.08 U	640	< 0.04 U	47 J-TDS
Deep	Downgradient	TR-11	55g	N	03/22/11	16 J	< 5 U	42	30	< 0.08 U	600	< 0.04 U	42 J-TDS
Deep	Downgradient	TR-11	55h	N	10/18/11	330	< 0.07 U	44	32 J	< 0.08 U	630	< 0.04 U	43 J-TDS
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	< 0.076 U	49	25	< 0.08 U	--	0.068	25
Deep	Downgradient	TR-12	POSSM	N	04/26/10	--	--	44	21	--	--	< 0.25 U	24
Deep	Downgradient	TR-12	55f	N	10/21/10	21 J	< 0.07 U	48	23	< 0.08 U	810	< 0.04 U	R-CAB&TDS
Deep	Downgradient	TR-12	55g	N	03/22/11	140	< 5 U	56	26	< 0.08 U	760	< 0.04 U	24 J-TDS
Deep	Downgradient	TR-12	55h	N	10/18/11	34	0.16 J	54	29 J	< 0.08 U	790	< 0.04 U	24 J-TDS

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

mg/L = milligrams per liter

-- = no sample data.

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chromium	Chromium (VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						100	100	--	1300	--	15	--	--
BCL						100	100	11	1300	26000	15	73	210
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 6.9 U	< 10 U	< 1.1 U	< 19 U	< 796 U	49.6	733	64.8
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 50 U	< 2.5 UJ	< 6.1 U	< 12 U	< 190 U	< 12 U	398 J+	353
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 5 U	< 20 U	0.39 J	< 5.6 U	494 J	< 1.8 U	< 26 U	376 J-CAB
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	< 5 U	18.5 J	0.46 J	< 5.6 U	< 48 U	< 1.8 U	466 J	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 5 U	18.5 J	0.43 J	< 5.6 U	< 48 U	< 1.8 U	462 J	400 J-TDS
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	5 J	< 6 U	< 20 U	< 5.6 U	1370	< 1.8 U	484	414
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	< 5 U	< 0.75 U	0.72 J	< 5.6 U	1550	< 1.8 U	446	465 J-TDS
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	14 J	< 0.75 U	< 0.25 U	< 14 U	1500	< 4.5 U	500 J	470 J-TDS
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	1.3 J	< 0.7 U	< 2 U	< 2.8 U	3500	< 3 U	450	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 2.5 U	< 0.7 U	< 10 U	9.2	1800	< 0.9 U	550	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 0.5 U	1.25 J	0.076 J	< 0.56 U	180	< 0.18 U	540	480 J-TDS
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 6.9 U	< 10 U	< 1.1 U	< 19 U	< 16 U	38	1670	2190
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 400 U	< 3 UJ	< 49 U	< 94 U	< 1520 U	< 98 U	918 J	2270
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 10 U	< 10 U	3.2 J	< 11 U	2330	< 3.6 U	1200	2150
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	< 5 U	< 3 U	< 0.1 U	6.5 J	1160	< 1.8 U	1290	2020
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	6.2 J	< 3 U	3.7 J	< 5.6 U	4910	< 1.8 U	1320	1960
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 10 U	< 1.5 U	4.3 J	< 11.2 U	6780	< 3.6 U	1200	2290 J-TDS
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	11 J+	< 1.5 U	< 0.2 U	< 11 U	3100	< 3.6 U	1400 J	R-CAB&TDS
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	3 J	< 1.4 U	< 10 U	< 2.8 U	9000	< 0.9 U	1100	1600 J-TDS
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 12 U	< 1.4 U	3 J	16 J	2400	< 4.5 U	1500	1800 J-TDS
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	1.1 J	< 1.4 U	1.9 J	< 0.56 UJ	110	0.6 J-	1200	1800 J-TDS
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	250 U	< 2.5 UJ	< 6.1 U	15.4 J	3710	< 12.3 U	374 J+	271
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	4.5 J	< 0.15 U	1.8 J	< 2.8 U	5170	< 0.9 U	252	203 J-TDS
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 10 U	< 0.75 U	< 0.2 U	< 11 U	1800	< 3.6 U	270 J	200 J-TDS
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	< 0.5 U	< 0.14 U	< 2 U	0.83 J	3100	< 3 U	250	220 J-TDS
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	0.5 J	< 0.14 U	< 2 U	< 2.8 U	2600	< 3 U	240	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	< 1 U	< 0.14 U	0.36 J	< 1.1 U	1700	< 0.36 U	240	230 J-TDS
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	< 1 U	< 0.14 U	0.28 J	< 2 U	1400	< 0.36 U	240	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	0.95 J	< 0.35 U	0.39 J	< 0.56 UJ	1400	< 0.18 UJ	250	240 J-TDS
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	0.56 J	< 0.07 U	0.15 J	< 0.56 UJ	910	< 0.18 UJ	240 J	230 J-TDS
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 5 U	< 50 U	0.67 J	< 5.6 U	1720	< 1.8 U	574	819
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 2.5 U	< 15 U	0.64 J	< 2.8 U	1120	< 0.9 U	678	770 J-TDS
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	< 5 U	--	< 20 U	71.1 J-	3540	< 1.8 U	666	754 J-TDS
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 5 U	< 0.75 U	< 0.1 U	< 5.6 U	3830	< 1.8 U	620	827 J-TDS
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	27 J	< 0.75 U	< 0.5 U	65 J+	4800	< 9 U	700 J	760 J-TDS
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	1.4 J	< 0.7 U	< 2 U	< 2.8 U	5100	< 0.18 U	640	800 J-TDS
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 5 U	< 0.7 U	0.72 J	< 10 U	2200	< 1.8 U	680	780 J-TDS
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	0.83 J	< 0.35 U	0.29 J	< 0.56 UJ	560	< 0.18 UJ	600	810 J-TDS
Shallow	Upgradient	EC-2	55a	N	01/22/09	< 5 U	< 50 U	0.19 J	< 5.6 U	1780	< 1.8 U	408	339
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 2.5 U	< 30 U	0.18 J	< 2.8 U	1770	< 0.9 U	470	R-CAB&TDS
Shallow	Upgradient	EC-2	55c	N	07/27/09	< 5 U	< 6 U	< 20 U	23.7 J-	3060	< 1.8 U	477	361 J-TDS
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 5 U	< 0.75 U	< 0.1 U	< 5.6 U	3260	< 1.8 U	478	388 J-TDS
Shallow	Upgradient	EC-2	55e	N	04/26/10	13 J	< 1.5 U	< 0.25 U	23 J+	2900	< 4.5 U	550 J	R-CAB&TDS
Shallow	Upgradient	EC-2	55f	N	10/29/10	0.64 J	< 0.7 U	< 2 U	< 2.8 U	4700	< 0.18 U	< 500 U	420 J-TDS
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 12 U	< 1.4 U	6.7 J	27	2400	< 4.5 U	1700	1600 J-TDS
Shallow	Upgradient	EC-2	55h	N	10/27/11	1.1 J	< 0.35 U	0.12 J	< 0.56 UJ	2600	< 0.18 UJ	550	510 J-TDS

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chromium	Chromium (VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						100	100	--	1300	--	15	--	--
BCL						100	100	11	1300	26000	15	73	210
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	11.4 J	3.8	0.23 J	< 2.8 U	487	< 0.9 U	95.8 J	27.8
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	13 J+	4.5	< 0.2 U	< 11 U	< 95 U	< 3.6 U	< 1.3 UJ	29 J-TDS
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	6 J	4.6	< 2 U	5.5	460	< 3 U	< 26 U	26 J-TDS
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	5.4 J	3.8	0.076 J	< 0.56 U	160	< 0.18 U	92	28 J-TDS
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	4 J	2.5	0.074 J	< 0.56 UJ	28 J	< 0.18 UJ	95	30 J-TDS
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	< 6.9 U	< 10 U	< 0.29 U	< 4.7 UJ-	577	9.2	988 J+	1090
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 50 U	< 2.5 UJ	< 6.1 U	< 12 U	1870	< 12 U	804 J+	1070
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	< 5 U	< 50 U	0.3 J	< 5.6 U	3020	< 1.8 U	784	1060
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	< 2.5 U	< 30 U	0.33 J	< 2.8 U	2690	< 0.9 U	821	1030 J-TDS
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	1.1 J	< 75 U	1.1 J	< 2.8 U	6610	< 0.18 U	829	896
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 5 U	< 0.75 U	1.2 J	< 5.6 U	5480	< 1.8 U	947	1050 J-TDS
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 10 U	< 0.75 U	< 0.2 U	< 11 U	3600	< 3.6 U	830 J	1100 J-TDS
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 0.5 U	< 0.7 U	< 2 U	< 2.8 U	7900	< 3 U	820	960 J-TDS
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	< 2.5 U	< 0.7 U	< 10 U	4 J	5200	< 0.9 U	900	1000 J-TDS
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	< 0.5 U	< 0.35 U	0.1 J	< 0.56 U	1700	< 0.18 U	870	950 J-TDS
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	< 6.9 U	< 10 U	< 0.14 U	< 2.4 U	< 159 U	6	728 J+	621
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	< 6.9 U	< 10 U	< 0.14 U	< 2.4 U	< 159 U	6	741	636
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 100 U	< 3 UJ	< 12 U	< 24 U	< 380 U	< 25 U	566	682
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	< 2.5 U	< 10 U	1.4 J	< 2.8 U	1060	< 0.9 U	671	682
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	< 2.5 U	< 10 U	1.3 J	< 2.8 U	1050	< 0.9 U	693	702
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	< 2.5 U	< 3 U	1.4 J	< 2.8 U	725	< 0.9 U	666	662 J-TDS
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	0.95 J	< 3 U	2.2	< 2.8 U	4680	< 0.18 U	715	628
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	< 5 U	< 0.75 U	1.9 J	< 5.6 U	2930	< 1.8 U	754	714 J-TDS
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 10 U	< 0.15 U	< 0.2 U	< 11 U	1500	< 3.6 U	720 J	740 J-TDS
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	< 0.5 U	< 0.7 U	2.6	< 2.8 U	4600	< 3 U	640	680 J-TDS
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	< 2.5 U	< 0.7 U	1.6 J	< 2.8 U	1500	< 0.9 U	710	730 J-TDS
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	0.62 J	< 0.07 U	1.3 J	< 0.56 UJ	160	< 0.18 UJ	710	770 J-TDS
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	< 6.9 U	< 10 U	< 0.23 U	< 3.8 U	155	3.6 J	391	398
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 50 U	< 25 UJ	< 6.1 U	6.7 J	< 190 U	< 12 U	446	418
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	< 2.5 U	< 10 U	0.88 J	< 2.8 U	720	< 0.9 U	380	396
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	1.1 J	< 3 U	0.85 J	< 1.1 U	485	< 0.36 U	393 J	386 J-TDS
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 5 U	< 3 U	< 20 U	< 5.6 U	1880	< 1.8 U	505	R-CAB&TDS
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 2.5 U	< 0.15 U	< 0.05 U	< 2.8 U	1500	< 0.9 U	413	462 J-TDS
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	20 J	< 0.15 U	< 0.25 U	19 J+	1100 J	< 4.5 U	420 J	380 J-TDS
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	< 0.5 U	< 0.7 U	< 2 U	< 2.8 U	2700	< 0.18 U	360 J	390 J-TDS
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	< 2.5 U	< 0.14 U	1 J	< 2.8 U	960	< 0.9 U	400	410 J-TDS
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 0.5 U	< 0.07 U	0.71 J	< 0.56 UJ	82	< 0.18 UJ	390	410 J-TDS
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	< 6.9 U	< 10 U	< 1.1 U	< 19 U	17 J	34.6	575	526
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	< 50 U	< 2.5 U	< 6.1 U	12.4 J	< 190 U	< 12 U	412 J+	395
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 5 U	< 10 U	1.1	< 5.6 U	563	< 1.8 U	498	419
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 5 U	< 10 U	1	< 5.6 U	488	< 1.8 U	497	429
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 5 U	< 3 U	< 0.1 U	< 5.6 U	350 J	< 1.8 U	518	412 J-TDS
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 5 U	< 3 U	< 0.1 U	< 5.6 U	347 J	< 1.8 U	517	415 J-TDS
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	< 5 U	< 3 U	< 20 U	< 5.6 U	1330	< 1.8 U	483	378
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	9.3 J	< 0.75 U	1.6 J	< 5.6 UJ	2540	< 1.8 U	468	R-CAB&TDS
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	8.1 J	< 0.75 U	1.5 J	< 5.6 UJ	2570	< 1.8 U	483	R-CAB&TDS

TABLE 2-17
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chromium	Chromium (VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						100	100	--	1300	--	15	--	--
BCL						100	100	11	1300	26000	15	73	210
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 10 U	< 0.75 U	< 0.2 U	< 11 U	740 J	< 3.6 U	500 J	460 J-TDS
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	0.61 J	< 0.7 U	< 2 U	7.3	2300	< 0.18 U	440 J	420 J-TDS
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	0.68 J	< 0.7 U	< 2 U	3.6 J	2200	< 0.18 U	460 J	430 J-TDS
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	< 2.5 U	< 0.7 U	< 10 U	4.7 J	1500	< 0.9 U	570	450 J-TDS
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	< 2.5 U	< 0.7 U	< 10 U	14 J	1500	< 0.9 U	560	450 J-TDS
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	0.56 J	< 0.7 U	0.98 J	1	120	0.19 J	590	450
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	0.54 J	< 0.7 U	1.1 J	0.97 J	130	0.23 J	580	450 J-TDS
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	< 6.9 U	< 10 U	< 0.57 U	< 9.4 U	44.5 J	20	500	402
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 50 U	< 2.5 U	< 6.1 U	13.4 J	< 190 U	< 12 U	377 J+	367
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 5 U	< 10 U	0.66 J	< 5.6 U	757	< 1.8 U	< 26 U	449
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 5 U	< 6 U	< 0.1 U	< 5.6 U	611	< 1.8 U	556	428 J-TDS
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	< 5 U	< 3 U	< 20 U	< 5.6 U	1840	< 1.8 U	503	376
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	9.3 J	< 0.6 U	1.6 J	39.5 J-	2760	< 1.8 U	442	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	8.6 J	< 0.6 U	1.4 J	37 J-	2620	< 1.8 U	451	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< 10 U	< 0.75 U	< 0.2 U	< 11 U	930 J	< 3.6 U	510 J	390 J-TDS
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	1.5 J	< 0.7 U	< 2 U	< 2.8 U	2100	< 3 U	420 J	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	< 2.5 U	< 0.7 U	< 10 U	6.5	1300	< 0.9 U	510	320 J-TDS
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 0.5 U	< 0.7 U	0.88 J	< 0.56 U	460	< 0.18 U	500	290 J-TDS
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	< 6.9 U	< 10 U	< 0.11 U	< 1.9 U	77.1 J	3.4 J	266	147
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 40 U	< 2.5 U	< 2.9 U	5.8 J	< 152 U	< 9.8 U	219 J+	153
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	1.1	< 20 U	0.13	< 1.1 U	774	< 0.36 U	306	213
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 1 U	< 6 U	0.078 J	< 1.1 U	552	< 0.36 U	278	189 J-TDS
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	< 5 U	< 3 U	0.44 J	< 5.6 U	1370	< 1.8 U	284	193 J-TDS
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	< 5 U	< 0.15 U	< 0.1 U	< 5.6 U	1410	< 1.8 U	273	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	13 J	< 0.15 U	< 0.25 U	< 14 U	820 J	< 4.5 U	260 J	150 J-TDS
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	0.86 J	< 0.14 U	< 2 U	< 2.8 U	1700	< 3 U	140 J	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	< 1 U	< 0.14 U	0.17 J	< 1.1 U	750	< 0.36 U	250	150 J-TDS
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	0.73 J	< 0.07 U	< 0.054 U	< 0.56 UJ	230	< 0.18 UJ	250	R-CAB&TDS
Shallow	Downgradient	H-28	55a	N	01/26/09	< 2.5 U	< 10 U	11.5	< 2.8 U	926	< 0.9 U	627	576
Shallow	Downgradient	H-28	55b	N	04/22/09	< 2.5 U	< 3 U	12.5	< 2.8 U	506	< 0.9 U	605	548 J-CAB
Shallow	Downgradient	H-28	55c	N	07/22/09	< 5 U	< 3 U	< 20 U	13.1	2090	< 1.8 U	647 J	560 J-TDS
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 5 U	< 3 U	< 20 U	< 5.6 U	2040	< 1.8 U	650 J	544 J-TDS
Shallow	Downgradient	H-28	55d	N	10/20/09	4.4 J	< 0.15 U	15.6	< 2.8 UJ	4460	< 0.9 U	592	617 J-TDS
Shallow	Downgradient	H-28	55e	N	04/21/10	< 10 U	< 0.15 U	< 0.2 U	< 11 U	1500	< 3.6 U	600 J	600 J-TDS
Shallow	Downgradient	H-28	55f	N	10/26/10	0.67 J	< 0.14 U	15	< 2.8 U	4200	< 3 U	530	550 J-TDS
Shallow	Downgradient	H-28	55g	N	03/24/11	< 2.5 U	< 0.7 U	15	4.3 J	2100	< 0.9 U	650	620 J-TDS
Shallow	Downgradient	H-28	55h	N	10/20/11	4.7 J	< 0.14 U	13	3.4	1700	1 J	650	R-CAB&TDS
Shallow	Downgradient	H-43	55a	N	01/27/09	1.5	< 250 U	0.5	< 1.1 U	46700	0.45	319	188
Shallow	Downgradient	H-43	55b	N	04/21/09	< 1 U	< 300 U	< 0.02 U	< 1.1 U	16800	< 0.36 U	318	183 J-TDS
Shallow	Downgradient	H-43	55c	N	07/30/09	< 5 U	< 3 U	0.45 J	< 5.6 U	10400	< 1.8 U	315	193 J+
Shallow	Downgradient	H-43	55d	N	10/23/09	< 5 U	< 0.15 U	< 0.1 U	< 5.6 U	8650	< 1.8 U	313	198 J-TDS
Shallow	Downgradient	H-43	55e	N	05/11/10	12 J	< 1.5 U	< 0.25 U	21 J+	15000	< 4.5 U	310 J	180 J-TDS
Shallow	Downgradient	H-43	55f	N	10/26/10	< 0.5 U	< 0.7 U	< 2 U	< 2.8 U	31000	< 3 U	< 500 U	200 J-TDS
Shallow	Downgradient	H-43	55g	N	03/24/11	< 2.5 U	< 0.14 U	< 10 U	< 2.8 U	23000	< 0.9 U	310	210 J-TDS
Shallow	Downgradient	H-43	55h	N	10/20/11	0.65 J	< 0.7 U	0.4 J	< 0.56 U	28000	< 0.18 U	310	210 J-TDS
Shallow	Downgradient	M7B	55a	N	02/03/09	< 2.5 U	< 10 U	0.35	< 2.8 U	998	< 0.9 U	442	447

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chromium	Chromium (VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						100	100	--	1300	--	15	--	--
BCL						100	100	11	1300	26000	15	73	210
Shallow	Downgradient	M7B	55b	N	04/23/09	< 2.5 U	< 3 U	0.21 J	< 2.8 U	486	< 0.9 U	421	417 J-TDS
Shallow	Downgradient	M7B	55c	N	07/28/09	5.5 J	< 3 U	0.72 J	< 5.6 U	2430	< 1.8 U	401	398 J-TDS
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 5 U	< 3 U	0.85 J	< 5.6 U	2370	< 1.8 U	398	409 J-TDS
Shallow	Downgradient	M7B	55d	N	10/28/09	< 2.5 U	< 0.75 U	< 0.05 U	< 2.8 U	1940	< 0.9 U	403	R-CAB&TDS
Shallow	Downgradient	M7B	55e	N	04/22/10	< 10 U	< 0.75 U	< 0.2 U	< 11 U	1100	< 3.6 U	400 J	420 J-TDS
Shallow	Downgradient	M7B	55f	N	10/28/10	0.67 J	< 0.14 U	< 2 U	< 2.8 U	3400	< 0.18 U	320 J	R-CAB&TDS
Shallow	Downgradient	M7B	55g	N	03/30/11	< 2.5 U	1.02 J	0.41 J	< 2.8 U	1200	< 0.9 U	400	420 J-TDS
Shallow	Downgradient	M-7B	55h	N	10/26/11	1.6 J	0.139 J	0.22 J	< 0.56 UJ	300	0.3 J-	390	420 J-TDS
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	< 2.5 U	--	1.9	29 J+	--	< 0.9 U	--	470
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 2.5 U	--	--	--	--	< 0.25 U	--	390
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	1.2 J	< 0.7 U	< 2 U	4.8 J	3000	< 0.18 U	620	450 J-TDS
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	< 2.5 U	< 0.7 U	< 10 U	5.2	2000	< 0.9 U	780	R-CAB&TDS
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	< 0.5 U	< 0.35 U	2.2	< 0.56 U	190	0.49 J	780	R-CAB&TDS
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	< 0.5 U	--	0.086	< 0.56 U	--	0.39	--	26
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	< 2.5 U	--	--	--	--	< 0.25 U	--	24
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	< 2.5 U	--	--	--	--	< 0.25 U	--	24
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	0.79 J	< 0.14 U	< 2 U	< 2.8 U	510	0.33 J	< 500 U	26 J-TDS
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	< 2.5 U	< 0.028 U	< 10 U	< 2.8 U	260	< 0.9 U	99	25 J-TDS
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	2.7 J	0.0423 J	0.07 J	0.69 J	360	0.25 J	98	24 J-TDS
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	0.82 J	< 0.75 UJ	0.41 J	1.1	10100	1.6 J	57.7	15.8 J-CAB
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	12 J+	< 0.75 U	< 0.25 U	< 14 U	5500	< 4.5 U	68 J	15
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	< 0.5 U	< 0.028 U	< 2 U	< 2.8 U	8400	< 3 U	65	R-CAB&TDS
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	< 0.5 U	< 0.028 U	0.42 J	1.9	9900	0.76 J	57	17 J-TDS
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	1.8 J	< 0.7 U	0.36 J	1.1 J-	4400	0.6 J-	57	18 J-TDS
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	21	--	6.8	9.4	--	4.7	--	440
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	< 2.5 U	--	--	--	--	0.44	--	400 J-TDS
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	2.1 J	< 0.7 U	< 2 U	3.3 J	5000	0.31 J	250 J	420 J-TDS
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	< 2.5 U	< 0.7 U	0.76 J	< 2.8 U	2900	< 0.9 U	300	450 J-TDS
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	19	< 0.35 U	4.4	8.4 J-	9500	5.2 J-	350	510 J-TDS
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	29	--	6.9	12	--	6.3	--	230
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	4.5	--	--	--	--	1.3	--	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	0.56 J	< 1.4 U	< 2 U	< 2.8 U	27000	< 3 U	130 J	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	< 1 U	2.06 J-	1.1 J	1.8 J	32000	< 0.36 U	240	240 J-TDS
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	2.2 J	0.847 J	1.2 J	1.6 J-	68000	0.5 J-	260	290 J-TDS
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	24	--	< 0.24 U	< 0.56 U	--	< 0.18 U	--	22
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	13	--	--	--	--	< 0.25 U	--	22
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	0.81 J	< 0.028 U	< 2 U	< 0.56 U	1200	< 0.18 U	65	20 J-TDS
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	4.6 J	0.106 J	0.14 J	< 0.56 U	3900	< 0.18 U	77	R-CAB&TDS
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	5.2 J	< 0.028 U	0.069 J	< 0.56 U	1900	0.23 J	73	20 J-TDS
Deep	Upgradient	MW-8	POSSM	N	11/18/09	8700	--	130	140	--	< 0.9 U	--	25
Deep	Upgradient	MW-8	POSSM	N	04/27/10	3800 J	--	--	--	--	< 0.25 U	--	25
Deep	Upgradient	MW-8	55f	N	10/22/10	520	6	12	6.8	2400	< 0.18 U	84	R-CAB&TDS
Deep	Upgradient	MW-8	55g	N	03/23/11	2400	7.6	28	31	14000	< 0.18 U	100	R-CAB&TDS
Deep	Upgradient	MW-8	55h	N	10/19/11	3900	6.9	37	48	12000	< 0.18 U	99	24 J-TDS
Deep	Downgradient	TR-11	POSSM	N	11/18/09	16	--	0.092	< 0.56 U	--	< 0.18 U	--	24
Deep	Downgradient	TR-11	POSSM	N	04/26/10	17	--	--	--	--	0.37	--	24

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Chromium	Chromium (VI)	Cobalt	Copper	Iron	Lead	Lithium	Magnesium
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						100	100	--	1300	--	15	--	--
BCL						100	100	11	1300	26000	15	73	210
Deep	Downgradient	TR-11	55f	N	10/21/10	15	15	< 2 U	< 1 U	95	< 0.18 U	95	24 J-TDS
Deep	Downgradient	TR-11	55g	N	03/22/11	15	14	0.13 J	< 0.56 U	55	< 0.18 U	92	24 J-TDS
Deep	Downgradient	TR-11	55h	N	10/18/11	15	14	0.14 J	< 0.56 U	430	0.45 J	95	24 J-TDS
Deep	Downgradient	TR-12	POSSM	N	11/21/09	43	--	< 0.14 U	3.6	--	0.34	--	15
Deep	Downgradient	TR-12	POSSM	N	04/26/10	52	--	--	--	--	0.3	--	14
Deep	Downgradient	TR-12	55f	N	10/21/10	51	43	< 2 U	2.7	99	< 0.18 U	93	R-CAB&TDS
Deep	Downgradient	TR-12	55g	N	03/22/11	51	43	0.14 J	< 0.56 U	130	0.4 J	88	15 J-TDS
Deep	Downgradient	TR-12	55h	N	10/18/11	46	41	0.12 J	< 0.56 U	27 J	< 0.18 U	91	14 J-TDS

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

mg/L = milligrams per liter

-- = no sample data.

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium
					Units	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L
					MCL	--	2	--	--	--	50	--	--
					BCL	5100	2	180	730	--	50	180	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	36.7 J	< 0.046 U	< 12 U	< 6.3 U	6.77	5.6	< 2.2 U	12700
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	80.9	< 0.093 U	< 11 U	14.7 J	28.3	< 12 U	< 5.1 U	6010
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	87.8	< 0.027 U	29.8 J	< 3 U	31.9 J-CAB	< 7 U	< 1.6 U	5810 J-CAB
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	102	< 0.027 U	28.7 J	3.6 J	R-CAB&TDS	< 7 U	< 1.6 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	103	< 0.027 U	27.3 J	3.1 J	36.8 J-TDS	< 7 U	< 1.6 U	6800 J-TDS
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	90.4	< 0.027 UJ	24.6 J	< 50 U	36.8	< 7 U	< 0.15 U	6940
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	95.5	< 0.027 U	27.5 J	3 J	34.2 J+-TDS	< 7 U	< 0.15 U	7150 J-TDS
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	580	< 0.027 U	24 J	< 7.5 U	59 J-TDS	< 18 U	< 0.38 U	8000 J-TDS
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	620	< 0.027 U	36	5.3	R-CAB&TDS	< 0.7 U	< 2 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	560	< 0.027 U	24 J	8.4 J	R-CAB&TDS	< 3.5 U	< 0.075 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	290	< 0.027 U	20	1.2 J	52 J-TDS	< 0.7 U	< 0.015 U	8700 J-TDS
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	2370	< 0.046 U	< 12 U	< 6.3 U	77.5	< 2.7 U	< 2.2 U	11200
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	2680	< 0.093 U	66.9 J	< 97 U	82.6	< 96 U	< 41 U	15300
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	2710	< 0.027 U	70.9 J	7.3 J	90.7	< 14 U	< 3.2 U	16000
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	2620	< 0.027 U	72.6	5.4 J	95.8	< 7 U	< 1.6 U	16800
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	2600	< 0.2 U	71.8	11.5 J	87.4	< 50 U	0.31 J	15400
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	2570	< 0.027 U	73.7 J	14.3 J	94.1 J+-TDS	27.2 J+	< 0.3 U	18400 J-TDS
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	2700	< 0.027 U	82 J	12 J	R-CAB&TDS	< 14 U	< 0.3 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	2600	< 0.027 U	95	12 J	110 J-TDS	5 J	< 10 U	9000 J-TDS
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	2400 J	R	< 120 UJ	12 J	130 J-TDS	< 18 U	< 50 U	17000 J-TDS
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	2300	< 0.027 U	83 J-	2.3 J	100 J-TDS	< 1.4 U	0.12 J-	18000 J-TDS
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	1320	--	< 11.2 U	18.8 J	46.5	< 12.01 U	< 5.07 U	< 3.5 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	2050	R	7 J	6.7 J	24.3 J-TDS	< 3.5 UJ	< 0.075 U	1730 J-J-TDS
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	2300	< 0.027 U	< 2.8 U	< 6 U	24 J-TDS	< 14 U	< 0.3 U	1400 J-TDS
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	2900	< 0.027 U	3.1 J	4.5 J	22 J-TDS	1.4 J	< 2 U	810 J-TDS
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	2600	< 0.027 U	2.1 J	4.6 J	R-CAB&TDS	1 J	< 0.015 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	2800	< 0.027 U	2.6 J	3.5 J	20 J-TDS	< 1.4 U	0.054 J	730 J-TDS
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	2400	< 0.027 U	2.1 J	3.3 J	R-CAB&TDS	1.5 J	< 0.03 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	2900	< 0.027 U	2.4 J-	1.7 J	20 J-TDS	< 0.7 U	< 0.015 UJ	830 J-TDS
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	2700	< 0.027 U	1.4 J-	0.94 J	20 J-TDS	< 0.7 U	< 0.015 UJ	970 J-TDS
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	1250	< 0.027 U	35.1 J	6 J	32.1	< 7 U	< 1.6 U	4670
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	1220	< 0.027 U	32.6	3.8 J	36.6 J-TDS	< 3.5 U	< 0.8 U	4960 J-TDS
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	1200	< 0.2 U	< 50 U	9.8 J	35.5 J-TDS	< 50 UJ	< 0.15 U	4960 J-TDS
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	1290	< 0.027 U	31.5 J	12.8 J	33.4 J-TDS	< 7 U	< 0.15 U	4810 J-TDS
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	2500	< 0.027 U	62 J	< 15 U	51 J-TDS	150 J+	< 0.75 U	5200 J-TDS
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	1500	< 0.027 U	43	14	33 J-TDS	< 3.5 U	< 2 U	4700 J-TDS
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	1300	< 0.2 U	36 J	10 J	38 J-TDS	< 50 U	< 0.15 U	4600 J-TDS
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	1200	< 0.027 U	30 J-	2.3 J	32 J-TDS	< 0.7 U	< 0.015 UJ	4500 J-TDS
Shallow	Upgradient	EC-2	55a	N	01/22/09	1100	< 0.027 U	23.6 J	3.3 J	28.2	< 7 U	< 1.6 U	3730
Shallow	Upgradient	EC-2	55b	N	04/24/09	1180	< 0.027 U	20.4 J	3.2 J	R-CAB&TDS	< 3.5 U	< 0.8 U	R-CAB&TDS
Shallow	Upgradient	EC-2	55c	N	07/27/09	1200	< 0.2 U	< 50 U	7.5 J	33.4 J-TDS	< 50 UJ	< 0.15 U	4410 J-TDS
Shallow	Upgradient	EC-2	55d	N	10/22/09	1250	< 0.027 U	19.4 J	7.3 J	32 J-TDS	< 7 U	< 0.15 U	4360 J-TDS
Shallow	Upgradient	EC-2	55e	N	04/26/10	1400	< 0.027 U	24 J	< 7.5 U	R-CAB&TDS	35 J+	< 0.38 U	R-CAB&TDS
Shallow	Upgradient	EC-2	55f	N	10/29/10	1700	< 0.027 U	25	8.5	37 J-TDS	< 3.5 U	< 2 U	4800 J-TDS
Shallow	Upgradient	EC-2	55g	N	03/31/11	2200	< 0.027 U	160	15 J	150 J-TDS	< 120 U	< 0.38 U	21000 J-TDS
Shallow	Upgradient	EC-2	55h	N	10/27/11	2000	< 0.027 U	13 J-	1.7 J	38 J-TDS	< 0.7 U	< 0.015 UJ	5200 J-TDS

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium
					Units	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L
					MCL	--	2	--	--	--	50	--	--
					BCL	5100	2	180	730	--	50	180	--
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	8.5 J	R	6.8 J	4.2 J	9.24	< 3.5 U	< 0.075 U	201 J
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 6.2 U	< 0.027 U	4.7 J	< 6 U	12 J-TDS	< 14 U	< 0.3 U	200 J-TDS
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	5.3	< 0.027 U	7.3	2 J	9.6 J-TDS	1.3 J	< 0.015 U	210 J-TDS
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	11	< 0.027 U	7.8	1.6 J	9.6 J-TDS	2.6 J	< 0.015 U	200 J-TDS
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	12	0.046 J	6.4 J-	4.8 J	9.9 J-TDS	0.81 J	< 0.015 U	210 J-TDS
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	1740	< 0.046 U	17.5 J+	< 1.6 U	28.5	< 2.7 U	< 2.2 U	1470
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	2020	R	< 11 U	36.6 J	28.7	< 12 U	< 5.1 U	2780
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	2000	< 0.027 U	10.5 J	5.5 J	29	< 7 U	< 1.6 U	2710
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	1920	< 0.027 U	10.4 J	4.8 J	31.5 J-TDS	< 3.5 U	< 0.8 U	3020 J-TDS
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	1880	< 0.027 U	9.9	8.8	33.4	< 3.5 U	< 10 U	2970
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	1890	< 0.027 U	9 J	13.9 J	33.4 J-TDS	< 7 U	< 0.15 U	3110 J-TDS
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	2000	< 0.027 U	9.3 J	11 J	33 J-TDS	< 14 U	< 0.3 U	3000 J-TDS
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	2200	< 0.027 U	12	12	32 J-TDS	1.1 J	< 2 U	3200 J-TDS
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	2100	< 0.027 U	11 J	15 J	38 J-TDS	< 3.5 U	< 0.075 U	3200 J-TDS
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	2000	< 0.027 U	11	2.1 J	33 J-TDS	< 0.7 U	< 0.015 U	3000 J-TDS
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	1460	< 0.046 U	33.5 J	16.4 J	18.2	< 2.7 U	< 2.2 U	1440
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	1400	< 0.046 U	30.4 J	16.6 J	18.8	< 2.7 U	< 2.2 U	1440
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	1590	< 0.093 U	34.6 J	< 24 U	18.9	< 24 U	< 10 U	1640
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	1600	< 0.027 U	29.1	3.5 J	19.6	< 3.5 U	< 0.8 U	1720
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	1600	< 0.027 U	29	3.4 J	19.9	< 3.5 U	< 0.8 U	1780
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	1560	< 0.027 U	27.7	2.9 J	21.6 J-TDS	< 3.5 U	< 0.8 U	1910 J-TDS
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	1560	< 0.027 U	28.8	8	23.5	< 3.5 U	< 0.075 U	1970
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	1530	< 0.027 U	24.9 J	9.9 J	24.4 J-TDS	< 7 U	< 0.15 U	2020 J-TDS
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	1700	< 0.027 U	28 J	7.1 J	25 J-TDS	< 14 U	< 0.3 U	2000 J-TDS
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	1900	< 0.2 U	33	15	22 J-TDS	1.4 J	< 2 U	2100 J-TDS
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	1700 J-TDS	R	29 J+	7.1 J	23 J-TDS	< 3.5 U	< 0.075 U	1900 J-TDS
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	1700	0.047 J	25 J-	1.4 J	23 J-TDS	< 0.7 U	< 0.015 U	2100 J-TDS
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	1150	< 0.046 U	39.2 J	11.9 J	15.8	< 2.7 U	< 2.2 U	995
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	1280	< 0.093 U	< 11 U	17.6 J	16.6	< 12 U	< 5.1 U	1200
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	1230	< 0.027 U	37.6	4.4 J	16.6	< 3.5 U	< 0.8 U	1160
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	1240	< 0.027 U	38	2.4 J	16.4 J-TDS	< 1.4 U	< 0.32 U	1270 J-TDS
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	1250	< 0.027 U	34.7 J	6.3 J	R-CAB&TDS	< 7 U	< 0.15 U	R-CAB&TDS
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	1180	< 0.027 U	34.4	4.6 J	16.4 J-TDS	< 3.5 U	< 0.075 U	1320 J-TDS
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	1200	< 0.027 U	32 J	< 7.5 U	21 J-TDS	33 J+	< 0.38 U	1300 J+-TDS
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	1400	< 0.027 U	39	6.3	17 J-TDS	< 3.5 U	< 2 U	1300 J-TDS
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	1300 J-TDS	R	36 J+	4.7 J	17 J-TDS	< 3.5 U	< 0.075 U	1200 J-TDS
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	1300	0.054 J	31 J-	0.65 J	16 J-TDS	< 0.7 U	< 0.015 U	1300 J-TDS
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	587 J	< 0.046 U	< 12 U	< 6.3 U	63.9	< 2.7 U	< 2.2 U	9150
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	519	< 0.093 U	< 11 U	19 J	43.4	< 12 U	< 5.1 U	7020
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	543	< 0.027 U	16.1	4.4	48.9	12.2	< 1.6 U	6270
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	552	< 0.027 U	17.6	3	50.4	8.5	< 1.6 U	6420
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	645	< 0.027 U	16.5 J	4.7 J	45.4 J-TDS	< 7 U	< 1.6 U	5900 J-TDS
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	675	< 0.027 U	17.1 J	4.9 J	44.9 J-TDS	< 7 U	< 1.6 U	5900 J-TDS
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	621	< 0.027 U	16.2 J	7.3 J	49.9	< 7 U	< 0.15 U	5420
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	651	< 0.027 U	< 1.4 U	13.8 J	R-CAB&TDS	< 7 U	< 0.15 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	624	< 0.027 U	< 1.4 U	14.8 J	R-CAB&TDS	< 7 U	< 0.15 U	R-CAB&TDS

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium
					Units	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L
					MCL	--	2	--	--	--	50	--	--
					BCL	5100	2	180	730	--	50	180	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	620	< 0.027 U	18 J	7 J	54 J-TDS	< 14 U	< 0.3 U	6300 J-TDS
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	710	< 0.027 U	22	6.3	45 J-TDS	< 3.5 U	< 2 U	6500 J-TDS
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	750	< 0.027 U	24	6.3	47 J-TDS	< 3.5 U	< 0.015 U	6700 J-TDS
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	680	R	20 J	6.6 J	54 J-TDS	< 3.5 U	< 10 U	6700 J-TDS
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	700	R	19 J	7.4 J	56 J-TDS	< 3.5 U	< 0.075 U	6800 J-TDS
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	720	< 0.027 UJ	17	2.4 J	50	< 0.7 U	< 0.015 U	6400
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	710	< 0.027 UJ	17	2.2 J	51 J-TDS	< 0.7 U	0.044 J	6400 J-TDS
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	420 J	< 0.046 U	36.5 J	< 3.1 U	50	< 2.7 U	< 2.2 U	4250
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	355	< 0.093 U	< 11 U	17.6 J	51.3	< 12 U	< 5.1 U	7510
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	335	< 0.027 U	13 J	3.5 J	70.3	< 7 U	< 1.6 U	8880
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	400	< 0.027 U	22.2 J	4 J	77.8 J-TDS	< 7 U	< 1.6 U	8500 J-TDS
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	383	< 0.027 U	20.4 J	6.6 J	82	8.6 J	< 20 U	7600
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	408	< 0.027 U	< 1.4 U	12.1 J	R-CAB&TDS	< 7 UJ	< 0.15 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	391	< 0.027 U	< 1.4 U	11.7 J	R-CAB&TDS	< 7 UJ	< 0.15 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	410	< 0.027 U	13 J	< 6 U	81 J-TDS	< 14 U	< 0.3 U	8500 J-TDS
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	760	< 0.027 U	7.9	6.1	R-CAB&TDS	1.1 J	< 0.015 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	570	R	4.4 J	5.1 J	69 J-TDS	< 3.5 U	< 0.075 U	6800 J-TDS
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	700	< 0.027 UJ	4.8 J	1.8 J	57 J-TDS	< 0.7 U	< 0.015 U	5300 J-TDS
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	344	< 0.046 U	15.1 J	< 0.63 U	22.8	< 2.7 U	< 2.2 U	988
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	135	< 0.093 U	< 9 U	< 9.7 U	24.4	< 9.6 U	< 4.1 U	958
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	195	< 0.027 U	27.6	1.6	33.6	2.5	< 0.32 U	1230
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	194	< 0.027 U	29.1	1.2 J	32 J-TDS	< 1.4 U	< 0.32 U	1190 J-TDS
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	174	< 0.027 UJ	22.9 J	6.2 J	32.1 J-TDS	< 7 U	< 0.15 U	1230 J-TDS
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	175	< 0.027 U	24.4 J	4.4 J	R-CAB&TDS	< 7 U	< 0.15 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	170	< 0.027 U	24 J	< 7.5 U	30 J-TDS	< 18 U	< 0.38 U	1100 J-TDS
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	180	< 0.027 U	31	5.4	R-CAB&TDS	< 0.7 U	< 0.015 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	180	< 0.027 U	28	2.5 J	28 J-TDS	1.8 J	< 0.03 U	1000 J-TDS
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	190	< 0.027 U	23 J-	< 0.3 U	R-CAB&TDS	< 0.7 U	< 0.015 UJ	R-CAB&TDS
Shallow	Downgradient	H-28	55a	N	01/26/09	2060	< 0.027 U	29.9	6.1	20.2	< 3.5 U	< 0.8 U	1480
Shallow	Downgradient	H-28	55b	N	04/22/09	2060	< 0.027 U	31.7	6.5 J	18.7 J-CAB	< 3.5 U	< 0.8 U	1470 J-CAB
Shallow	Downgradient	H-28	55c	N	07/22/09	2110	< 0.027 U	< 50 U	10.1 J	21.1 J-TDS	< 7 U	< 0.15 U	1390 J-TDS
Shallow	Downgradient	H-28	55c	FD	07/22/09	2040	< 0.027 U	< 50 U	10.9 J	20.4 J-TDS	< 7 U	< 0.15 U	1410 J-TDS
Shallow	Downgradient	H-28	55d	N	10/20/09	2200	< 0.027 U	29.6	23.5 J	18.1 J-TDS	< 3.5 UJ	< 0.075 U	1550 J-TDS
Shallow	Downgradient	H-28	55e	N	04/21/10	2100	< 0.027 U	32 J	9.4 J	23 J-TDS	< 14 U	< 0.3 U	1600 J-TDS
Shallow	Downgradient	H-28	55f	N	10/26/10	2300	< 0.027 U	33	14	17 J-TDS	< 0.7 U	< 2 U	1600 J-TDS
Shallow	Downgradient	H-28	55g	N	03/24/11	2200	R	32	12 J	22 J-TDS	< 3.5 U	< 0.075 U	1700 J-TDS
Shallow	Downgradient	H-28	55h	N	10/20/11	2100	< 0.027 UJ	25	5.9	R-CAB&TDS	< 0.7 U	< 0.015 U	R-CAB&TDS
Shallow	Downgradient	H-43	55a	N	01/27/09	342	< 0.027 U	15	3.3	25	1.4	< 0.32 U	1110
Shallow	Downgradient	H-43	55b	N	04/21/09	383	< 0.027 U	13.8	2.6 J	25.3 J-TDS	1.4 J+	< 0.32 U	1120 J-TDS
Shallow	Downgradient	H-43	55c	N	07/30/09	280	< 0.027 UJ	10.9 J	6.3 J	23.8	< 7 U	< 0.15 U	1110
Shallow	Downgradient	H-43	55d	N	10/23/09	308	< 0.027 U	12.7 J	4.1 J	24.7 J-TDS	< 7 U	< 0.15 U	1080 J-TDS
Shallow	Downgradient	H-43	55e	N	05/11/10	380	< 0.027 U	6.6 J	< 7.5 U	28 J-TDS	50 J+	< 0.38 U	1100 J-TDS
Shallow	Downgradient	H-43	55f	N	10/26/10	650	< 0.027 U	10	8.6	24 J-TDS	< 0.7 U	< 0.015 U	1100 J-TDS
Shallow	Downgradient	H-43	55g	N	03/24/11	420	R	11 J	6.6 J	26 J-TDS	< 3.5 U	< 0.075 U	1100 J-TDS
Shallow	Downgradient	H-43	55h	N	10/20/11	650	< 0.027 UJ	8.6	1.9 J	25 J-TDS	< 0.7 U	< 0.015 U	1000 J-TDS
Shallow	Downgradient	M7B	55a	N	02/03/09	1.9	< 0.027 U	26.7	3.1	30	11.6	< 0.8 U	1690

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium
					Units	µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L
					MCL	--	2	--	--	--	50	--	--
					BCL	5100	2	180	730	--	50	180	--
Shallow	Downgradient	M7B	55b	N	04/23/09	< 1.6 U	0.029 J	25.6	1.9 J	28 J-TDS	< 3.5 U	< 0.8 U	1680 J-TDS
Shallow	Downgradient	M7B	55c	N	07/28/09	< 3.1 U	< 0.2 U	24 J	10.2 J	25.4 J-TDS	8.7 J	< 0.15 U	1560 J-TDS
Shallow	Downgradient	M7B	55c	FD	07/28/09	< 3.1 U	< 0.2 U	23 J	8.5 J	25.4 J-TDS	< 7 U	< 0.15 U	1580 J-TDS
Shallow	Downgradient	M7B	55d	N	10/28/09	3 J	0.036 J	23.2 J	5.1 J	R-CAB&TDS	9.1 J	< 0.075 U	R-CAB&TDS
Shallow	Downgradient	M7B	55e	N	04/22/10	< 6.2 U	< 0.027 U	23 J	8 J	28 J-TDS	14 J	< 0.3 U	1600 J-TDS
Shallow	Downgradient	M7B	55f	N	10/28/10	5.8	< 0.027 U	30	8	R-CAB&TDS	< 25 U	< 2 U	R-CAB&TDS
Shallow	Downgradient	M7B	55g	N	03/30/11	2.6 J	0.027 J	24 J	6 J	26 J-TDS	12 J	< 0.075 U	1500 J-TDS
Shallow	Downgradient	M-7B	55h	N	10/26/11	14	0.045 J	22 J-	1.5 J	25 J-TDS	6.5	0.029 J-	1600 J-TDS
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	< 0.027 U	43	14	55	20	< 0.1 U	4200
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	--	< 0.1 U	--	--	42	< 2.5 U	< 0.25 U	3800
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	980	< 0.027 U	47	11	37 J-TDS	< 3.5 U	0.048 J	4000 J-TDS
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	940	< 0.027 U	41	10 J	R-CAB&TDS	5.5 J	< 0.075 U	R-CAB&TDS
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	3500	< 0.027 U	14	2.8 J	R-CAB&TDS	< 0.7 U	< 0.015 U	R-CAB&TDS
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	< 0.027 U	5.5	0.78	10	1.4	< 0.016 U	180
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	--	< 0.1 U	--	--	11	< 2.5 U	< 0.25 U	180
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	--	< 0.1 U	--	--	11	< 2.5 U	< 0.25 U	180
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	8.2	< 0.027 U	5.7	1.7 J	10 J-TDS	< 3.5 U	< 2 U	200 J-TDS
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	5.6 J	< 0.027 U	5.8 J	1.7 J	11 J-TDS	< 3.5 U	< 0.075 U	200 J-TDS
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	6.6	< 0.027 U	4.9 J	< 0.3 U	10 J-TDS	0.82 J	< 0.015 U	180 J-TDS
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	134	R	13	2.7 J	7.59 J-CAB	1.3 J	< 0.015 U	180 J-J-CAB
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	100	< 0.027 U	11 J	< 7.5 U	9.2	< 18 U	< 0.38 U	160
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	86	< 0.027 U	11	2.3 J	R-CAB&TDS	1.2 J	< 0.015 U	R-CAB&TDS
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	110 J	0.035 J-	12 J+	2.1 J	7.6 J-TDS	1.8 J+	< 0.015 U	160 J-TDS
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	97	< 0.027 U	9.7 J-	1.2 J	7.5 J-TDS	1.5 J	0.044 J-	170 J-TDS
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	< 0.027 U	28	16	40	< 0.7 U	< 0.18 U	1700
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	--	< 0.1 U	--	--	37 J-TDS	< 2.5 U	< 0.25 U	1700 J-TDS
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	1400	< 0.027 U	25	14	39 J-TDS	0.9 J	< 2 U	2200 J-TDS
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	1300 J-TDS	R	18 J+	5.9 J	38 J-TDS	< 3.5 U	< 0.075 U	1900 J-TDS
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	1600	< 0.027 U	16 J-	14	40 J-TDS	< 0.7 U	< 0.015 UJ	2200 J-TDS
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	0.13	15	16	26	1.5	< 0.23 U	850
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	--	< 0.1 U	--	--	R-CAB&TDS	< 2.5 U	0.28	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	2200	< 0.027 U	6	7.4	R-CAB&TDS	< 0.7 U	< 0.015 U	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	2400 J-TDS	R	4.5 J+	3.4 J	36 J-TDS	< 1.4 U	< 0.03 U	860 J-TDS
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	3000	< 0.027 U	3.7 J-	1.4 J	32 J-TDS	< 0.7 U	< 0.015 UJ	1000 J-TDS
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	< 0.027 U	8.7	8.5	7	2.1	< 0.015 U	150
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	--	< 0.1 U	--	--	7.3	< 2.5 U	< 0.25 U	160
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	13	< 0.027 U	9.5	< 5 U	8.3 J-TDS	< 0.7 U	< 0.015 U	180 J-TDS
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	25	< 0.027 U	8.7	2.3 J	R-CAB&TDS	< 0.7 U	< 2 U	R-CAB&TDS
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	12	< 0.027 U	8.5	1.2 J	7.5 J-TDS	< 0.7 U	< 0.015 U	160 J-TDS
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	< 0.1 U	180	1800	9.5	< 3.5 U	< 0.11 U	170
Deep	Upgradient	MW-8	POSSM	N	04/27/10	--	< 0.1 U	--	--	9.9	< 2.5 U	< 0.25 U	180
Deep	Upgradient	MW-8	55f	N	10/22/10	200	< 0.027 U	15	160	R-CAB&TDS	2.8 J	< 2 U	R-CAB&TDS
Deep	Upgradient	MW-8	55g	N	03/23/11	520	< 0.027 U	40	450	R-CAB&TDS	2.6 J	< 2 U	R-CAB&TDS
Deep	Upgradient	MW-8	55h	N	10/19/11	600	< 0.027 U	110	350	9.2 J-TDS	2.2 J	< 0.015 U	180 J-TDS
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	< 0.1 U	6.6	2.4	8.7	2.6	< 0.027 U	160
Deep	Downgradient	TR-11	POSSM	N	04/26/10	--	< 0.1 U	--	--	8.8	< 2.5 U	< 0.25 U	160

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Manganese	Mercury	Molybdenum	Nickel	Potassium	Selenium	Silver	Sodium
Units						µg/L	µg/L	µg/L	µg/L	mg/L	µg/L	µg/L	mg/L
MCL						--	2	--	--	--	50	--	--
BCL						5100	2	180	730	--	50	180	--
Deep	Downgradient	TR-11	55f	N	10/21/10	2.3	< 0.027 U	6.4	1 J	9 J-TDS	2 J	< 2 U	170 J-TDS
Deep	Downgradient	TR-11	55g	N	03/22/11	1.3 J	< 0.027 U	7	0.81 J	8.5 J-TDS	3 J	< 2 U	170 J+,J-TDS
Deep	Downgradient	TR-11	55h	N	10/18/11	8.6	< 0.027 U	6.8	1 J	8.5 J-TDS	2.1 J	< 0.015 U	170 J-TDS
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	< 0.1 U	9.3	1	6.3	< 3 U	< 0.015 U	120
Deep	Downgradient	TR-12	POSSM	N	04/26/10	--	< 0.1 U	--	--	6.9	< 2.5 U	< 0.25 U	130
Deep	Downgradient	TR-12	55f	N	10/21/10	4.3	0.087 J	10	4.6 J	R-CAB&TDS	2.5 J	< 0.015 U	R-CAB&TDS
Deep	Downgradient	TR-12	55g	N	03/22/11	9.6	< 0.027 U	10	2.2 J	6.5 J-TDS	3.4 J	< 0.015 U	130 J+,J-TDS
Deep	Downgradient	TR-12	55h	N	10/18/11	2.8	< 0.027 U	9.6	2.7 J	6.5 J-TDS	2.4 J	< 0.015 U	130 J-TDS

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

mg/L = milligrams per liter

-- = no sample data.

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	2	--	--	--	30	--	--
BCL						22000	2	22000	150000	270	30	180	11000
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	1880	< 2.7 U	< 19 U	< 16 U	39 J	3.2 J	76.4 J	66.2
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	11700	< 15 U	< 12 U	< 30 U	< 12 U	9.9 J	< 52 U	< 75 UJ
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	13200	< 0.2 U	< 1.7 U	< 6 U	< 0.22 U	9.6 J	< 20 U	< 20 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	16700	< 0.2 U	< 1.7 U	< 6 U	< 0.22 U	9.4 J	6.2 J	< 20 U
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	16300	< 0.2 U	< 1.7 U	< 6 U	< 0.22 U	9.3 J	6.4 J	< 20 U
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	16500	< 20 U	< 1.7 U	< 10 U	< 50 U	8.7 J	4.3 J	< 20 U
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	16100	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	< 0.2 U	31.8 J	< 20 U
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	18000	< 0.5 U	< 4.2 U	< 3 U	< 0.55 U	< 0.5 U	9.2 J	< 50 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	18000	< 0.02 U	6.7	< 0.6 U	< 25 U	7.8	54 J+	2.9 J
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	19000	< 0.1 U	< 10 U	1.7 J	< 25 U	< 5 U	14 J	< 10 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	19000	< 0.02 U	4.6	0.67 J	4.9 J	5.7	26	< 2 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	46600	< 2.7 U	< 19 U	< 16 U	158 J+	191 J	546 J	156
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	53500	< 120 U	< 93 U	< 60 U	< 94 U	265	< 418 U	978 J
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	50500	< 0.4 U	< 3.4 U	< 6 U	< 0.44 U	350	< 40 U	< 40 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	48900	1.9 J	< 1.7 U	15.5 J	< 0.11 U	346	3.1 J	< 20 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	48700	< 20 U	3.4 J	11.5	< 50 U	317	2.1 J	< 20 U
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	49700	< 0.4 U	< 3.4 U	< 3 U	< 0.44 U	343	60 J	< 40 U
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	50000	< 0.4 U	< 3.4 U	< 3 U	2.2 J	390	4.9 J	< 40 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	47000	< 10 U	< 10 U	< 0.6 U	< 25 U	350	3.2 J+	< 10 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	44000	< 50 U	< 4.2 UJ	< 10 U	< 120 UJ	430	3.8 J	< 50 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	45000	1.6 J	< 0.77 U	< 3 U	2.6 J	370	4 J	< 2 U
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	7380	< 15 U	< 11.6 U	334	125 U	< 5.24 U	< 52.275 U	250 UJ
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	6940	0.12 J	< 0.85 U	43.9	< 0.11 U	0.92 J	14.2 J	< 10 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	7300	< 0.4 U	< 3.4 U	8.1 J	< 0.44 U	< 0.4 U	< 2.8 U	< 40 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	7700	< 2 U	< 0.17 U	< 2 U	< 25 U	1.1	< 10 UJ	4.3 J
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	6900	< 0.02 U	< 0.17 U	< 2 U	< 25 U	< 1 U	< 10 UJ	2 J
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	7700	< 4 U	< 0.34 U	2.7	< 10 U	< 2 U	< 0.28 U	< 4 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	7300	< 0.04 U	< 0.34 U	2.2	< 10 U	< 2 U	0.3 J	< 4 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	8600	< 0.02 U	< 0.77 U	9.1 J	1.4 J	0.92 J	0.28 J	2.7 J
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	8400	< 0.02 U	< 0.77 U	3.3 J	2.9 J	0.81 J	< 0.14 U	< 2 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	25200	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	14.2	< 20 U	< 20 U
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	27200	< 0.1 U	< 0.85 U	4.6	< 0.11 U	13.6	< 0.7 U	< 10 U
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	27400	< 0.2 U	< 1.7 U	7.9	< 50 U	12.9	< 1.4 U	< 20 UJ
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	26500	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	13.7	< 1.4 U	< 20 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	27000	< 1 U	< 8.5 U	< 3 U	< 0.55 U	< 1 U	< 7 U	< 100 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	26000	< 0.02 U	< 0.17 U	< 6 U	< 25 U	10	0.33 J	< 2 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	26000	< 0.2 U	< 1.7 U	2.8	< 50 U	12	< 1.4 U	< 20 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	26000	< 0.02 U	< 0.77 U	2.2 J+	1.4 J	9.8	< 0.14 U	< 2 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	14100	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	3.2 J	< 20 U	< 20 U
Shallow	Upgradient	EC-2	55b	N	04/24/09	15300	< 0.1 U	< 0.85 U	2.7	< 0.11 U	3 J	< 0.7 U	< 10 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	17000	< 20 U	< 20 U	3.3	< 50 U	< 10 U	< 1.4 U	< 20 UJ
Shallow	Upgradient	EC-2	55d	N	10/22/09	17500	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	< 0.2 U	< 1.4 U	< 20 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	20000	< 0.5 U	< 4.2 U	< 3 U	< 0.55 U	< 0.5 U	< 3.5 U	< 50 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	20000	< 0.02 U	< 0.17 U	< 6 U	< 25 U	3.3	0.65 J	4.2 J
Shallow	Upgradient	EC-2	55g	N	03/31/11	39000	< 50 U	< 4.2 U	< 10 U	< 120 U	590	7.3 J	< 50 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	24000	< 0.02 U	< 0.77 U	2.4 J+	3.6 J	3.6	0.9 J	< 2 U

TABLE 2-17
TOTAL METALS RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	2	--	--	--	30	--	--
BCL						22000	2	22000	150000	270	30	180	11000
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	1360	< 0.1 U	< 0.85 U	< 3 U	< 0.11 U	2.9 J	26.7 J	< 10 U
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	1400	< 0.4 U	< 3.4 U	< 3 U	< 0.44 U	< 0.4 U	23 J	< 40 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	1300	< 2 U	< 0.17 U	< 2 U	< 25 U	2.7	29 J+	3.8 J
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	1500	< 2 U	< 0.17 U	< 2 U	< 5 U	3.2	29	< 2 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	1700	< 0.02 U	< 0.77 U	1 J	0.34 J	2.8	24	< 2 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	24200	< 2.7 U	< 4.7 U	< 3.9 U	149 J+	34 J	92.3 J	410
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	24900	< 15 U	< 12 U	< 30 U	< 12 U	31.5	< 52 U	< 75 UJ
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	27800	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	26.7	< 20 U	< 20 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	30900	< 0.1 U	< 0.85 U	7.4 J	< 0.11 U	25.4	< 0.7 U	< 10 U
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	28000	< 0.02 U	< 0.17 U	6.8	< 5 U	23.4	0.28 J	< 2 U
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	29900	< 0.2 U	< 1.7 U	8.8 J	< 0.22 U	26.4	< 1.4 U	< 20 U
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	30000	< 0.4 U	< 3.4 U	< 3 U	< 0.44 U	25	< 2.8 U	< 40 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	30000	< 0.02 U	< 0.17 U	< 0.6 U	< 25 U	20	< 10 UJ	2.2 J
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	29000	< 0.1 U	< 0.85 U	2.3	< 25 U	22	1 J	< 10 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	28000	< 0.02 U	< 0.77 U	1.8 J	2.4 J	22	0.37 J	< 2 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	16000	< 2.7 U	< 2.4 U	< 2 U	83.9 J	62.8 J	55.2 J	111
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	16400	< 2.7 U	< 2.4 U	< 2 U	31.7 J	62.2 J	60 J	133
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	21000	< 30 U	< 23 U	< 15 U	< 24 UJ	61.4	< 105 U	236 J
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	21000	< 0.1 U	< 0.85 U	10.7	< 0.11 U	61	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	21400	< 0.1 U	< 0.85 U	< 3 U	< 0.11 U	61.7	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	23200	0.2 J	< 0.85 U	6.3 J	< 0.11 U	60.2	< 0.7 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	22700	< 2 U	< 0.17 U	6.1	< 5 U	53.6	< 0.14 U	< 2 U
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	23500	< 0.2 U	< 1.7 U	6.8 J	< 0.22 U	58.2	< 1.4 U	< 20 U
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	24000	< 0.4 U	< 3.4 U	< 3 U	3.2 J	59	< 2.8 U	< 40 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	23000	< 2 U	< 0.17 U	< 0.6 U	< 25 U	48	< 10 U	2.8 J
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	24000	< 10 U	< 0.85 UJ	2.4	< 25 UJ	49	< 0.7 U	< 10 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	26000	0.26 J	< 0.77 U	1.9 J	3.8 J	48	0.19 J	< 2 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	11500	< 2.7 U	< 3.8 U	< 3.1 U	62.7 J+	70 J	45.6 J	47
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	13900	< 15 U	< 12 U	< 7.5 U	< 12 U	72.8	< 52 U	< 75 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	13400	< 0.1 U	< 0.85 U	< 3 U	< 0.11 U	68.5	< 10 U	< 10 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	15000	0.82 J	< 0.34 U	< 6 U	< 0.044 U	66.3	1.2 J	< 4 U
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	14100	< 20 U	< 1.7 U	3.4	< 50 U	68.2	< 1.4 U	< 20 U
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	15000	< 0.1 U	< 0.85 U	< 3 U	< 0.11 U	66.7	7.4 J	< 10 U
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	15000	< 0.5 U	< 4.2 U	< 3 U	< 0.55 U	63	< 3.5 U	< 50 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	14000	< 2 U	< 0.17 U	< 0.6 U	< 25 U	55	1.6 J	< 10 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	14000	< 10 U	< 0.85 UJ	2	< 25 UJ	56	1.7 J	< 10 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	15000	0.88 J	< 0.77 U	1.7 J	4 J	51	1.1 J	< 2 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	14200	< 2.7 U	< 19 U	< 16 U	124 J+	55.3 J	531 J	267
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	10200	< 15 U	< 12 U	< 30 U	< 12 U	32.8	< 52 U	< 75 UJ
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	11600	0.57	< 1.7 U	3.4	6.4	25.7	< 20 U	< 20 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	11900	0.5	< 1.7 U	3.2	6.8	25.5	< 20 U	< 20 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	11000	< 0.2 U	< 1.7 U	8.6 J	< 0.22 U	25.7	12.5 J	< 20 U
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	11100	< 0.2 U	< 1.7 U	6.5 J	< 0.22 U	27.2	10.1 J	< 20 U
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	11300	< 20 U	< 20 U	3.5	< 50 U	24.5	8.7 J	< 20 U
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	12100	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	22.4	7.1 J	< 20 U
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	12500	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	21.2	6.8 J	< 20 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	2	--	--	--	30	--	--
BCL						22000	2	22000	150000	270	30	180	11000
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	13000	< 0.4 U	< 3.4 U	< 3 U	< 0.44 U	23	4.6 J	< 40 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	14000	< 2 U	< 0.17 U	< 0.6 U	< 25 U	17	4.5 J	< 2 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	14000	< 2 U	< 0.17 U	< 0.6 U	< 25 U	17	5.7 J	< 2 U
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	16000	< 10 U	< 10 U	1.7 J	< 25 U	16	4.8 J	< 10 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	16000	< 10 U	< 0.85 U	1.8 J	< 25 U	16	6 J	< 10 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	17000	0.35 J	< 0.77 U	1.2 J	4.4 J	15	4.1 J	< 2 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	17000	0.36 J	< 0.77 U	0.89 J	4.5 J	15	4.3 J	< 2 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	7810	< 2.7 U	< 9.4 U	< 7.9 U	56.2 J+	10.6 J	328 J	65.2
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	14600	< 15 U	< 12 U	< 30 U	< 12 U	13.2 J	< 52 U	< 75 UJ
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	20100	< 0.2 U	< 1.7 U	< 6 U	< 0.22 U	17	136	< 20 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	20900	< 0.2 U	< 1.7 U	< 6 U	< 0.22 U	25.3	227	< 20 U
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	19400	< 20 U	< 20 U	3.9	< 50 U	26.1	178	< 20 U
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	18000	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	17.2	53.2 J	< 20 U
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	17900	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	16.2	52.5 J	< 20 U
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	17000	< 0.4 U	< 3.4 U	< 3 U	< 0.44 U	< 0.4 U	27 J	< 40 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	13000	< 2 U	< 0.17 U	< 0.6 U	< 25 U	22	30	4.7 J
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	13000	< 0.1 U	< 0.85 U	1.2 J	< 25 U	16	13 J	< 10 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	12000	0.073 J	< 0.77 U	< 0.6 U	7.7	15	7.2 J	2.4 J
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	3310	< 2.7 U	< 1.9 U	7.7 J	20.6 J+	9.7 J	183	244
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	3700	< 12 U	< 9.3 U	< 6 U	< 9.4 U	< 4.2 U	< 42 U	< 60 UJ
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	6600	< 0.04 U	< 0.34 U	4.3	6.1	1.3	< 4 U	< 4 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	5960	R	< 0.34 U	2.1	< 0.044 U	1.4 J	0.96 J	< 4 U
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	6300	< 0.2 U	< 1.7 U	5.9 J	< 50 U	1.3 J	< 1.4 U	< 20 UJ
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	6050	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	< 0.2 U	< 1.4 U	< 20 U
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	5300	< 0.5 U	< 4.2 U	< 3 U	< 0.55 U	< 0.5 U	8.4 J	< 50 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	4800	< 0.02 U	< 0.17 U	< 0.6 U	< 25 U	1.3	20	2.5 J
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	5300	< 0.04 U	< 0.34 U	2.2	< 10 U	< 2 U	8.9 J	< 4 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	6400	< 0.02 U	< 0.77 U	1.1 J	5.9	1.3	6.9 J	< 2 U
Shallow	Downgradient	H-28	55a	N	01/26/09	18900	0.31	< 0.85 U	5.6	5	74.9	19.2	< 10 U
Shallow	Downgradient	H-28	55b	N	04/22/09	17700	0.24 J-	< 0.85 U	4.6	< 0.11 U	74.6	18.5 J	< 10 U
Shallow	Downgradient	H-28	55c	N	07/22/09	19100	< 20 U	< 20 U	8.7	< 50 U	74.6	17.1 J	< 20 U
Shallow	Downgradient	H-28	55c	FD	07/22/09	19100	< 20 U	< 1.7 U	8.5	< 50 U	72.2	15.9 J	< 20 U
Shallow	Downgradient	H-28	55d	N	10/20/09	19500	< 0.1 U	< 0.85 U	5.4 J	< 0.11 U	72.3	20.5 J	< 10 U
Shallow	Downgradient	H-28	55e	N	04/21/10	20000	< 0.4 U	< 3.4 U	< 3 U	3.4 J	72	7.4 J	< 40 U
Shallow	Downgradient	H-28	55f	N	10/26/10	18000	< 2 U	< 0.17 U	4.1	< 25 U	60	11 J+	2.9 J
Shallow	Downgradient	H-28	55g	N	03/24/11	21000	< 10 U	< 0.85 U	8.3	< 25 U	63	10 J	< 10 U
Shallow	Downgradient	H-28	55h	N	10/20/11	21000	0.27 J	< 0.77 U	66	4.3 J	65	17	6.9 J
Shallow	Downgradient	H-43	55a	N	01/27/09	5490	< 0.04 U	< 0.34 U	< 0.6 U	7.8	0.51	< 4 U	168
Shallow	Downgradient	H-43	55b	N	04/21/09	5560	< 0.04 U	< 0.34 U	1.9 J	< 0.044 U	0.62 J	0.32 J	23.5
Shallow	Downgradient	H-43	55c	N	07/30/09	5830	< 20 U	< 1.7 U	4.7 J	< 50 U	0.87 J	< 1.4 U	45.1 J-
Shallow	Downgradient	H-43	55d	N	10/23/09	5770	< 0.2 U	< 1.7 U	< 3 U	< 0.22 U	< 0.2 U	< 1.4 U	< 20 U
Shallow	Downgradient	H-43	55e	N	05/11/10	5700	< 0.5 U	< 4.2 U	< 3 U	< 0.55 U	< 0.5 U	< 3.5 U	51 J
Shallow	Downgradient	H-43	55f	N	10/26/10	5500	< 0.02 U	< 0.17 U	< 0.6 U	< 25 U	< 1 U	< 10 UJ	60
Shallow	Downgradient	H-43	55g	N	03/24/11	6500	< 0.1 U	< 0.85 U	1.4 J	< 25 U	< 5 U	< 0.7 U	52
Shallow	Downgradient	H-43	55h	N	10/20/11	6200	< 0.02 U	< 0.77 U	0.7 J	4.3 J	0.42 J	0.22 J	24
Shallow	Downgradient	M7B	55a	N	02/03/09	20300	< 0.1 U	< 0.85 U	3.8	0.39	48.4	18.4	< 10 U

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	2	--	--	--	30	--	--
BCL						22000	2	22000	150000	270	30	180	11000
Shallow	Downgradient	M7B	55b	N	04/23/09	20600	< 0.1 U	< 0.85 U	4	< 0.11 U	49.4	17.2 J	< 10 U
Shallow	Downgradient	M7B	55c	N	07/28/09	19900	< 20 U	< 1.7 U	4.8	< 50 U	48.7	16.3 J	< 20 UJ
Shallow	Downgradient	M7B	55c	FD	07/28/09	19600	< 0.2 U	< 1.7 U	4.8	< 50 U	48.5	16.1 J	< 20 UJ
Shallow	Downgradient	M7B	55d	N	10/28/09	21000	< 0.1 U	< 0.85 U	< 3 U	< 0.11 U	49.4	23.8 J	< 10 U
Shallow	Downgradient	M7B	55e	N	04/22/10	19000	< 0.4 U	< 3.4 U	< 3 U	< 0.44 U	43	17 J	< 40 U
Shallow	Downgradient	M7B	55f	N	10/28/10	18000	< 2 U	< 0.17 U	8.3	< 25 U	42	22	< 2 U
Shallow	Downgradient	M7B	55g	N	03/30/11	19000	< 0.1 U	< 0.85 U	4.2	< 25 U	45	17 J	< 10 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	20000	0.074 J	< 0.77 U	23	0.38 J	43	17	2.5 J
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	0.13	--	--	--	43	26	< 10 U
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	--	--	--	--	--	48	--	--
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	15000	< 2 U	3	< 6 U	< 25 U	39	0.53 J	6.5 J
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	16000	< 0.1 U	< 10 U	2.7	< 25 U	45	< 0.7 U	< 10 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	41000	1.7 J	1.5 J	5.7	1.3 J	43	0.28 J	86
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	< 0.066 U	--	--	--	2.6	25	2.7
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	--	--	--	--	--	2.9	--	--
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	--	--	--	--	--	2.9	--	--
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	1300	< 2 U	< 2 U	< 6 U	< 25 U	2.5	35	4.3 J
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	1400	< 0.1 U	< 0.85 U	1.4 J	< 25 U	< 5 U	31 J	< 10 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	1300	0.055 J	1.6 J	4.7	0.13 J	2.5	24	49
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	990	< 0.02 U	2.4 J	3.2	< 0.022 U	0.037 J	1 J	2.9 J
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	980	< 0.5 U	< 4.2 U	< 3 U	< 0.55 U	< 0.5 U	< 3.5 U	< 50 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	960	< 2 U	1.7 J	< 2 U	< 25 U	< 1 U	< 10 UJ	4.6 J
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	1000	< 2 U	< 0.17 UJ	4.8	< 5 UJ	< 1 U	0.72 J	3.9 J
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	1200	0.079 J	5.6	5.4	0.27 J	0.49 J	2 J	57
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	< 0.19 U	--	--	--	8.7	26	28
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	--	--	--	--	--	10	--	--
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	22000	< 0.02 U	< 0.17 U	22	< 25 U	6.3	< 10 U	13
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	22000	< 0.1 U	< 0.85 UJ	21	< 25 UJ	5.7	1.2 J	< 10 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	24000	0.17 J	< 0.77 U	390	1.5 J	6.5	19	24
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	< 0.18 U	--	--	--	7.6	30 J	37
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	--	--	--	--	--	6.1	--	--
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	14000	< 0.02 U	0.66 J	4.4	< 25 U	3	< 10 U	2.9 J
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	16000	< 0.04 U	< 0.34 UJ	6.7	< 10 UJ	2.3	0.29 J	< 4 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	20000	< 0.02 U	< 0.77 U	26	0.19 J	1.6	0.96 J	9.9 J
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	< 0.05 U	--	--	--	2.3	21	< 2 U
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	--	--	--	--	--	2.9	--	--
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	1500	< 0.02 U	< 0.17 U	2	< 5 U	< 1 U	0.94 J	< 2 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	1800	< 2 U	< 2 U	3.4	< 5 U	1.2	14	< 2 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	1600	0.041 J	< 0.77 U	1.4 J	0.26 J	0.87 J	8.3 J	2.5 J
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	< 0.21 U	--	--	--	5.2	250	< 10 U
Deep	Upgradient	MW-8	POSSM	N	04/27/10	--	--	--	--	--	4.1	--	--
Deep	Upgradient	MW-8	55f	N	10/22/10	1200	< 2 U	< 2 U	< 0.6 U	< 5 U	2.5	56	< 10 U
Deep	Upgradient	MW-8	55g	N	03/23/11	1400	< 2 U	< 2 U	1.2 J	8.4	3.3	150	2.7 J
Deep	Upgradient	MW-8	55h	N	10/19/11	1300	< 0.02 U	4.2	0.91 J	25	3.2	240	3 J
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	< 0.027 U	--	--	--	2.9	28	7.3
Deep	Downgradient	TR-11	POSSM	N	04/26/10	--	--	--	--	--	2.8	--	--

TABLE 2-17
TOTAL METALS RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 20 of 20)

Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Strontium	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc
Units						µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
MCL						--	2	--	--	--	30	--	--
BCL						22000	2	22000	150000	270	30	180	11000
Deep	Downgradient	TR-11	55f	N	10/21/10	2200	0.047 J	< 0.17 U	< 0.6 U	< 5 U	2.7	25	2.6 J
Deep	Downgradient	TR-11	55g	N	03/22/11	2200	< 2 U	< 2 U	0.95 J	< 5 U	3.1	25	< 2 U
Deep	Downgradient	TR-11	55h	N	10/18/11	2200	0.055 J	< 0.77 U	9.4	0.33 J	3.1	27	16
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	< 0.025 U	--	--	--	2.2	17	4.7
Deep	Downgradient	TR-12	POSSM	N	04/26/10	--	--	--	--	--	2.1	--	--
Deep	Downgradient	TR-12	55f	N	10/21/10	2700	< 0.02 U	< 0.17 U	< 0.6 U	< 5 U	2.1	17	3.4 J
Deep	Downgradient	TR-12	55g	N	03/22/11	2600	< 0.02 U	< 2 U	4.8	< 5 U	2.6	20	8.7 J
Deep	Downgradient	TR-12	55h	N	10/18/11	2600	0.037 J	< 0.77 U	0.97 J	0.39 J	2.5	17	2 J

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

mg/L = milligrams per liter

-- = no sample data.

TABLE 2-18
GENERAL CHEMISTRY AND PERCHLORATE RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromide	Bromine	Chlorate	Chloride	Chlorine	Chlorite	Fluoride
Units						µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
MCL						--	--	--	--	4	1000	4000
BCL						--	--	--	--	4	--	4000
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	< 2000 U	--	71900	8240	--	--	< 1000 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	< 6200 U	< 50000 U	< 1000 U	9200	18400	< 1000 U	< 250 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	< 260 U	< 5000 U	< 470 U	10700 J-CAB	21400	--	410 J
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	720 J	1400 J	< 470 U	R-CAB&TDS	18700	--	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	< 260 U	< 5000 U	< 470 U	9650 J-TDS	19300	< 2000 U	1000 J-TDS
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	390 J	780 J	< 470 U	9960	19900	< 400 U	350 J
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	490 J	990 J	< 470 U	10600 J-TDS	21100 J-TDS	< 400 U	560 J,J-TDS
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 250 U	< 5000 U	< 360 U	11300 J-TDS	22600 J-TDS	< 400 U	440 J,J-TDS
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	< 120 U	< 2500 U	< 180 U	R-CAB&TDS	R-CAB&TDS	< 400 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	< 120 U	< 2.5 U	< 180 U	R-CAB&TDS	R-CAB&TDS	< 200 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	< 500 U	< 10000 U	< 180 U	14000 J-TDS	25200	< 80 U	870 J,J-TDS
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	< 20 U	--	< 100 U	1130 J	--	--	1300
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	< 6200 U	< 50000 U	< 1000 U	31100	62300	< 4000 U	7000
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	< 2600 U	< 50000 U	< 470 U	30900	61700	--	< 100 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	1100 J	2100 J	< 470 U	30700	61500	< 2000 U	< 100 U
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	< 2600 U	< 50000 U	< 4700 U	28700	57400	< 400 U	1500 J
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	< 2600 U	< 50000 U	< 4700 U	30800 J-TDS	61700 J-TDS	< 800 U	1300 J,J-TDS
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< 2500 U	< 50000 U	< 3600 U	R-CAB&TDS	R-CAB&TDS	< 400 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	520 J	1000 J	< 360 U	28700 J-TDS	57400 J-TDS	< 800 U	< 100 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	< 5000 U	< 100 U	< 360 U	30700 J-TDS	61400 J-TDS	< 80 U	< 100 U,J-TDS
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	< 1200 U	< 25000 U	< 180 U	30000 J-TDS	57600	< 200 U	970 J,J-TDS
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	< 6200 U	< 50000 U	--	7470	14900	< 4000 U	< 250 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	1300	2500	2900	2620 J-TDS	5240 J-TDS	< 400 U	< 10 U
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	690	1400	< 36 U	2360 J-TDS	4720 J-TDS	< 400 U	12 J,J-TDS
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	750	1500	1600	1820 J-TDS	3630 J-TDS	< 2000 U	410 J, J-TDS
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	760	1500	1800	R-CAB&TDS	R-CAB&TDS	< 2000 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	640 J	1300 J	1500	1900 J-TDS	4250 J-TDS	< 200 U	570 J-TDS
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	640 J	1300 J	1800	R-CAB&TDS	R-CAB&TDS	< 200 U	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	540 J	1100 J	2400	1900 J-TDS	3990	6100	510 J,J-TDS
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	550	1100	2400	1900 J-TDS	4080	6200	500 J,J-TDS
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	< 260 U	< 5000 U	< 47 U	9790	19600	--	1500
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	< 2600 U	< 50000 U	< 470 U	9000 J-TDS	18000	R	1500 J-TDS
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	650 J	1300 J	< 470 U	9580 J-TDS	19200 J-TDS	< 80 U	1500 J-TDS
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	< 1300 U	< 25000 U	< 94 U	10100 J-TDS	20100 J-TDS	< 400 U	< 20 U
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< 250 U	< 5000 U	< 360 U	9850 J-TDS	19700 J-TDS	< 400 U	1300 J-TDS
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	420 J	830 J	< 180 U	8360 J-TDS	16700 J-TDS	< 80 U	< 50 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	< 500 U	< 10 U	< 180 U	9000 J-TDS	18000 J-TDS	< 40 U	2000 U,J-TDS
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	360 J	710 J	< 180 U	9100 J-TDS	18500	< 80 U	1300 J,J-TDS
Shallow	Upgradient	EC-2	55a	N	01/22/09	1100 J	2200 J	< 47 U	6380	12800	--	1400
Shallow	Upgradient	EC-2	55b	N	04/24/09	< 2600 U	< 50000 U	< 470 U	R-CAB&TDS	11000	< 80 UJ	R-CAB&TDS
Shallow	Upgradient	EC-2	55c	N	07/27/09	690 J	1400 J	< 470 U	6910 J-TDS	13800 J-TDS	270	1500 J-TDS
Shallow	Upgradient	EC-2	55d	N	10/22/09	< 1300 U	< 25000 U	< 94 U	7840 J-TDS	15700 J-TDS	< 80 U	< 20 U
Shallow	Upgradient	EC-2	55e	N	04/26/10	< 1200 U	< 25000 U	< 180 U	R-CAB&TDS	R-CAB&TDS	< 400 U	< 50 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	390 J	770 J	< 180 U	7490 J-TDS	15000 J-TDS	< 80 U	< 50 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	< 500 U	< 10 U	< 180 U	33100 J-TDS	66200 J-TDS	< 200 U	10000 U,J-TDS
Shallow	Upgradient	EC-2	55h	N	10/27/11	< 1200 U	< 25000 U	< 180 U	9600 J-TDS	18900	< 80 U	1400 J,J-TDS

TABLE 2-18
GENERAL CHEMISTRY AND PERCHLORATE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromide	Bromine	Chlorate	Chloride	Chlorine	Chlorite	Fluoride
Units						µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
MCL						--	--	--	--	4	1000	4000
BCL						--	--	--	--	4	--	4000
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	260	520	< 47 U	225	451	< 20 U	720
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	240 J	470 J	< 36 U	236 J-TDS	471 J-TDS	< 20 U	740 J-TDS
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	260	530	< 36 U	292 J-TDS	584 J-TDS	< 8 U	740 J-TDS
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	230 J	470 J	< 36 U	240 J-TDS	481 J-TDS	< 4 U	690 J-TDS
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	230 J	460 J	< 36 U	250 J-TDS	487	< 4 U	680 J-TDS
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	130 J	--	< 100 U	7270	--	--	410
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	< 620 U	< 5000 U	< 1000 U	7180	14400	< 1000 U	1900
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	960 J	1900 J	< 47 U	7440	14900	--	1600
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	790 J	1600 J	< 470 U	7340 J-TDS	14700	< 800 U	2000 J-TDS
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	< 260 U	< 5000 U	< 470 U	7600	15200	< 400 U	1800
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	< 260 U	< 5000 U	< 470 U	7800 J-TDS	15600 J-TDS	< 80 U	1700 J-TDS
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	700 J	1400 J	< 360 U	8080 J-TDS	16200 J-TDS	< 200 U	1700 J-TDS
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	< 120 U	< 2500 U	< 180 U	7560 J-TDS	15100 J-TDS	< 40 U	< 50 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	470 J	940 J	< 180 U	7500 J-TDS	15000 J-TDS	< 80 U	< 50 U,J-TDS
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	630 J	1300 J	< 72 U	7900 J-TDS	15400	< 40 U	1400 J,J-TDS
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	140 J	--	< 100 U	299	--	--	180
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	130 J	--	< 100 U	289	--	--	200
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	< 620 U	< 5000 U	< 1000 U	5090	10200	< 1000 U	1100
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	930 J	1900 J	< 47 U	4860	9720	--	1000
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	1100 J	2200 J	< 47 U	4930	9870	--	1000
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	780 J	1600 J	< 47 U	5350 J-TDS	10700	< 800 U	1100 J-TDS
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	< 520 U	< 10000 U	< 47 U	5030	10100	530	990 J
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	650 J	1300 J	< 240 U	5300 J-TDS	10600 J-TDS	140 J	980 J-TDS
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	570 J	1100 J	< 36 U	5740 J-TDS	11500 J-TDS	< 200 U	960 J,J-TDS
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	460 J	930 J	< 72 U	5400 J-TDS	10800 J-TDS	< 80 U	< 20 UJ
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	570 J	1100 J	< 72 U	5440 J-TDS	10900 J-TDS	< 80 U	700 J-TDS
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	< 500 U	< 10000 U	< 72 U	5600 J-TDS	10600	< 40 U	900 J,J-TDS
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	130 J	--	< 100 U	292 J+	--	--	190
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	< 620 U	< 5000 U	< 1000 U	3190	6380	< 400 U	500 J
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	770 J	1500 J	< 47 U	2960	5930	--	570 J
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	640	1300	< 47 U	3000 J-TDS	5990	< 400 U	720 J-TDS
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	< 520 U	< 10000 U	< 47 U	R-CAB&TDS	R-CAB&TDS	< 200 U	R-CAB&TDS
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	< 520 U	< 10000 U	< 47 U	3590 J-TDS	7170 J-TDS	< 80 U	270 J-,J-TDS
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 500 U	< 10000 U	< 36 U	2890 J-TDS	5780 J-TDS	< 200 U	620 J,J-TDS
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	330	650	< 36 U	3200 J-TDS	6390 J-TDS	< 40 U	84 J-,J-TDS
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	470 J	930 J	< 72 U	2940 J-TDS	5890 J-TDS	< 40 U	490 J-TDS
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	< 500 U	< 10000 U	< 36 U	3200 J-TDS	5970	< 40 U	530 J,J-TDS
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	270	--	< 100 U	1380	--	--	640 J-
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	19400 J+	38900 J+	< 1000 U	10100	20200	< 1000 U	< 250 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	< 2600 U	< 50000 U	< 470 U	9010	18000	< 400 U	1100
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	< 2600 U	< 50000 U	< 470 U	9440	18900	< 400 U	1100
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	< 2600 U	< 50000 U	< 470 U	9710 J-TDS	19400	< 400 U	580 J-TDS
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	< 2600 U	< 50000 U	< 470 U	9510 J-TDS	19000	< 400 U	930 J-TDS
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	800 J	1600 J	< 470 UJ	9000	1800 J	< 2000 U	690 J
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	< 1300 U	1800 J	< 94 U	R-CAB&TDS	R-CAB&TDS	< 400 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	< 1300 U	1500 J	< 94 U	R-CAB&TDS	R-CAB&TDS	< 400 U	R-CAB&TDS

TABLE 2-18
GENERAL CHEMISTRY AND PERCHLORATE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromide	Bromine	Chlorate	Chloride	Chlorine	Chlorite	Fluoride
Units						µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
MCL						--	--	--	--	4	1000	4000
BCL						--	--	--	--	4	--	4000
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	440 J	870 J	< 360 U	9810 J-TDS	19600 J-TDS	< 200 U	900 J,J-TDS
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	< 2500 U	< 50000 U	< 72 U	10800 J-TDS	21600 J-TDS	< 40 U	< 20 UJ
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	< 2500 U	< 50000 U	< 72 U	9320 J-TDS	18600 J-TDS	< 40 U	< 20 UJ
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	410 J	810 J	< 360 U	9770 J-TDS	19500 J-TDS	< 80 U	520 J,J-TDS
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	420 J	840 J	< 360 U	9810 J-TDS	19600 J-TDS	< 80 U	420 J,J-TDS
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	370 J	740 J	< 180 U	10000	20600	< 40 U	1100 J
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	420 J	850 J	< 180 U	9800 J-TDS	20700	< 40 U	1200 J,J-TDS
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	150 J	--	240	727	--	--	160
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	< 6200 U	< 50000 U	< 1000 U	9110	18200	< 1000 U	750 J
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	< 260 U	< 5000 U	< 470 U	12100	24300	--	1100
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	< 5200 U	< 100000 U	< 470 U	11000 J-TDS	22000	< 400 U	780 J-TDS
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	1800 J	3500 J	< 470 UJ	10900	21800	< 2000 U	780 J
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	1100 J	2200 J	< 940 U	R-CAB&TDS	R-CAB&TDS	< 400 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	1100 J	2200 J	< 940 U	R-CAB&TDS	R-CAB&TDS	< 400 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	750 J	1500 J	< 360 U	11800 J-TDS	23600 J-TDS	< 400 U	880 J,J-TDS
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	< 5000 U	< 100000 U	< 72 U	R-CAB&TDS	R-CAB&TDS	< 200 U	< 20 UJ
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	810 J	1600 J	< 360 U	8320 J-TDS	16600 J-TDS	< 800 U	590 J,J-TDS
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	< 50 U	< 1000 U	< 72 U	7600 J-TDS	14100	2200	1000 J,J-TDS
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	61 J	--	< 100 U	204	--	--	250
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	< 620 U	< 5000 U	< 1000 U	1460	2930	< 400 U	2800
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	1400	2900	< 47 U	2580	5160	< 80 U	2500
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	< 260 U	< 5000 U	< 47 U	2160 J-TDS	4310	< 400 U	2500 J-TDS
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	1200	2300	< 47 U	2080	4160	< 400 U	2600
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	930	1900	< 47 U	R-CAB&TDS	R-CAB&TDS	< 40 U	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	910	1800	< 36 U	1860 J-TDS	3730 J-TDS	< 80 U	2200 J-TDS
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	990	2000	< 36 U	R-CAB&TDS	R-CAB&TDS	< 80 U	< 10 UJ
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	870	1700	< 36 U	1600 J-TDS	3610 J-TDS	< 20 U	2700 J-TDS
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	810	1600	< 36 U	R-CAB&TDS	3390	< 20 U	R-CAB&TDS
Shallow	Downgradient	H-28	55a	N	01/26/09	660	1300	< 47 U	3910	7810	< 200 U	1000
Shallow	Downgradient	H-28	55b	N	04/22/09	< 260 U	< 5000 U	< 47 U	4460 J-CAB	8920	< 400 U	920 J-CAB
Shallow	Downgradient	H-28	55c	N	07/22/09	< 520 U	< 10000 U	< 47 U	3920 J-TDS	7850 J-TDS	< 200 U	1200 J-TDS
Shallow	Downgradient	H-28	55c	FD	07/22/09	< 520 U	< 10000 U	< 47 U	3930 J-TDS	7850 J-TDS	< 200 U	1100 J-TDS
Shallow	Downgradient	H-28	55d	N	10/20/09	620 J	1200 J	< 240 U	3900 J-TDS	7800 J-TDS	< 80 U	800 J-TDS
Shallow	Downgradient	H-28	55e	N	04/21/10	< 500 U	< 10000 U	< 36 U	4270 J-TDS	8550 J-TDS	< 200 U	880 J,J-TDS
Shallow	Downgradient	H-28	55f	N	10/26/10	800	1600	< 72 U	3820 J-TDS	7650 J-TDS	< 20 U	730 J-TDS
Shallow	Downgradient	H-28	55g	N	03/24/11	640 J	1300 J	< 180 U	4540 J-TDS	9090 J-TDS	< 20 U	610 J-TDS
Shallow	Downgradient	H-28	55h	N	10/20/11	1700 J	3500 J	760 J	R-CAB&TDS	8680	< 40 U	R-CAB&TDS
Shallow	Downgradient	H-43	55a	N	01/27/09	700	1400	< 47 U	1850	3710	< 80 U	2000
Shallow	Downgradient	H-43	55b	N	04/21/09	560	1100	< 47 U	1720 J-TDS	3430	< 400 U	1900 J-TDS
Shallow	Downgradient	H-43	55c	N	07/30/09	680	1400	< 47 U	1740 J-TDS	3480 J-TDS	< 80 U	2100 J-TDS
Shallow	Downgradient	H-43	55d	N	10/23/09	610	1200	< 47 U	1940 J-TDS	3870 J-TDS	< 40 U	1700 J-TDS
Shallow	Downgradient	H-43	55e	N	05/11/10	650	1300	< 36 U	1850 J-TDS	3710 J-TDS	< 400 U	2000 J-TDS
Shallow	Downgradient	H-43	55f	N	10/26/10	970	1900	< 36 U	1860 J-TDS	3730 J-TDS	< 40 U	1800 J-TDS
Shallow	Downgradient	H-43	55g	N	03/24/11	710	1400	< 36 U	1960 J-TDS	3910 J-TDS	< 20 U	1200 J-TDS
Shallow	Downgradient	H-43	55h	N	10/20/11	740	1500	< 36 U	1900 J-TDS	3770	< 20 U	2700 J-TDS
Shallow	Downgradient	M7B	55a	N	02/03/09	1200	2500	11400	3760	7530	< 80 U	520

TABLE 2-18
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromide	Bromine	Chlorate	Chloride	Chlorine	Chlorite	Fluoride
Units						µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
MCL						--	--	--	--	4	1000	4000
BCL						--	--	--	--	4	--	4000
Shallow	Downgradient	M7B	55b	N	04/23/09	< 5200 U	< 100000 U	12400	4060 J-TDS	8120	< 80 U	510 J-TDS
Shallow	Downgradient	M7B	55c	N	07/28/09	1200 J	2300 J	10500	3640 J-TDS	7290 J-TDS	< 200 U	560 J-TDS
Shallow	Downgradient	M7B	55c	FD	07/28/09	1100 J	2300 J	10800	3570 J-TDS	7140 J-TDS	< 1000 U	440 J-TDS
Shallow	Downgradient	M7B	55d	N	10/28/09	1300 J	2600 J	11000	R-CAB&TDS	R-CAB&TDS	< 200 U	< 10 U
Shallow	Downgradient	M7B	55e	N	04/22/10	730 J	1500 J	11500	3770 J-TDS	7550 J-TDS	< 80 U	580 J-TDS
Shallow	Downgradient	M7B	55f	N	10/28/10	1000	2100	10800	R-CAB&TDS	R-CAB&TDS	< 40 U	< 20 U
Shallow	Downgradient	M7B	55g	N	03/30/11	910	1800	9400	3490 J-TDS	6980 J-TDS	< 40 U	390 J-TDS
Shallow	Downgradient	M-7B	55h	N	10/26/11	940 J	1900 J	8900	3500 J-TDS	6690	< 40 U	480 J-TDS
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	--	--	6500	--	--	3800 J
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	< 3500 U	--	--	6900	--	--	< U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	< 1200 U	< 25000 U	< 72 U	7350 J-TDS	14700 J-TDS	< 80 U	< 20 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	440 J	880 J	< 180 U	R-CAB&TDS	R-CAB&TDS	< 20 U	R-CAB&TDS
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	190 J	370 J	< 180 U	R-CAB&TDS	20300	< 40 U	R-CAB&TDS
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	--	--	250	--	--	880
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	590	--	--	240	--	--	920
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	760	--	--	240	--	--	920
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	200 J	390 J	< 36 U	259 J-TDS	517 J-TDS	< 20 U	870 J-TDS
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	200 J	400 J	< 36 U	251 J-TDS	502 J-TDS	< 4 U	660 J-TDS
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	220 J	430 J	< 36 U	230 J-TDS	437	< 20 U	670 J-TDS
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	190 J	390 J	< 47 U	155 J-CAB	311 J-CAB	< 8 U	520 J-CAB
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	110 J	220 J	< 36 U	153	306	< 40 U	540
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	190 J	390 J	< 36 U	R-CAB&TDS	R-CAB&TDS	< 80 U	R-CAB&TDS
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	230 J	450 J	< 36 U	174 J-TDS	348 J-TDS	< 4 U	660 J-TDS
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	160 J	330 J	< 36 U	170 J-TDS	343	< 4 U	680 J-TDS
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	--	--	3900	--	--	3200 J
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	5800	--	--	4400 J-TDS	--	--	2600 J-TDS
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	360 J	730 J	< 72 U	4960 J-TDS	9930 J-TDS	< 80 U	< 20 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	450 J	890 J	< 72 U	4530 J-TDS	9050 J-TDS	< 40 U	820 J-TDS
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	< 500 U	< 10000 U	< 72 U	4800 J-TDS	9280	< 40 U	890 J-TDS
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	--	--	1900	--	--	9000 J
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	2700	--	--	R-CAB&TDS	--	--	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	250	500	< 36 U	R-CAB&TDS	R-CAB&TDS	< 40 U	< 10 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	290 J	580 J	< 36 U	2320 J-TDS	4630 J-TDS	< 40 U	680 J-TDS
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	< 500 U	< 10000 U	< 36 U	2700 J-TDS	5290	< 40 U	850 J-TDS
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	--	--	190	--	--	700
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	560	--	--	190 J-	--	--	690
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	160 J	320 J	< 36 U	192 J-TDS	384	< 4 U	670 J-TDS
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	190 J	370 J	< 36 U	R-CAB&TDS	R-CAB&TDS	< 4 U	R-CAB&TDS
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	210 J	410 J	< 36 U	200 J-TDS	345	< 4 U	580 J-TDS
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	--	--	180	--	--	850
Deep	Upgradient	MW-8	POSSM	N	04/27/10	510	--	--	190	--	--	770
Deep	Upgradient	MW-8	55f	N	10/22/10	160 J	310 J	220 J	R-CAB&TDS	396	< 4 U	R-CAB&TDS
Deep	Upgradient	MW-8	55g	N	03/23/11	140 J	270 J	< 36 U	R-CAB&TDS	R-CAB&TDS	< 4 U	R-CAB&TDS
Deep	Upgradient	MW-8	55h	N	10/19/11	240 J	480 J	< 36 U	210 J-TDS	363	< 4 U	720 J-TDS
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	--	--	160	--	--	860
Deep	Downgradient	TR-11	POSSM	N	04/26/10	510	--	--	170	--	--	850

TABLE 2-18
GENERAL CHEMISTRY AND PERCHLORATE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bromide	Bromine	Chlorate	Chloride	Chlorine	Chlorite	Fluoride
Units						µg/L	µg/L	µg/L	mg/L	mg/L	µg/L	µg/L
MCL						--	--	--	--	4	1000	4000
BCL						--	--	--	--	4	--	4000
Deep	Downgradient	TR-11	55f	N	10/21/10	160	320	180	185	370	< 4 U	800
Deep	Downgradient	TR-11	55g	N	03/22/11	< 250 U	< 500 U	< 36 U	174 J-TDS	348 J-TDS	< 4 U	740 J-TDS
Deep	Downgradient	TR-11	55h	N	10/18/11	190 J	380 J	< 36 U	180 J-TDS	334	--	730 J-TDS
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	--	--	73	--	--	850
Deep	Downgradient	TR-12	POSSM	N	04/26/10	< 350 U	--	--	77	--	--	790
Deep	Downgradient	TR-12	55f	N	10/21/10	190	380	450	R-CAB&TDS	R-CAB&TDS	< 4 U	R-CAB&TDS
Deep	Downgradient	TR-12	55g	N	03/22/11	220 J	440 J	< 36 U	80.5 J-TDS	161 J-TDS	< 4 U	720 J-TDS
Deep	Downgradient	TR-12	55h	N	10/18/11	170 J	340 J	< 36 U	75 J-TDS	160	< 4 U	690 J-TDS

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

mg/L = milligrams per liter

-- = no sample data.

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Ion Balance Difference	Nitrate	Nitrite	Orthophosphate	Perchlorate	Sulfate
Units						percent	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						--	10000	1000	--	--	--
BCL						--	10000	1000	--	18	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	--	< 400 U	< 400 U	< 5000 UJ-	983	3770
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	0.69	< 86 UJ	R	< 1600 UJ	< 34 U	2100
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	7.3	< 50 U	< 6000 U	< 500 U	< 50 U	2170 J-CAB
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	6.2	< 50 U	< 300 U	< 500 U	R-CAB&TDS	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	3.7	< 50 UJ	< 300 UJ	< 500 UJ	17.8 J-TDS	2160 J-TDS
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	3.2	120 J	< 600 U	< 500 U	19.4 J	2230
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	2.5	< 50 U	< 600 U	< 500 U	15.6 J-TDS	2250 J-TDS
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	4.1	< 40 U	< 6000 U	< 540 U	< 10 U	2630 J-TDS
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	6.5	< 840 U	< 980 U	< 3700 U	31.7 J-CAB&TDS	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	4.7	R-CAB&TDS	< 980 U	< 3700 U	R-CAB&TDS	R-CAB&TDS
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	-2.9	< 840 U,J-TDS	< 980 U	< 3700 UJ	< 26 U,J-TDS	2900 J-TDS
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	--	< 4 UJ-	< 400 UJ-	< 50 UJ-	20300	451
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	2.2	< 86 U	R	< 1600 UJ	< 170 UJ	4540
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	0.2	< 50 U	< 6000 U	< 500 U	313 J	4380
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	0.22	< 50 U	< 600 U	< 500 U	247	4740
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	0.55	< 500 U	< 3000 U	< 50000 U	209	4770
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	4.6	4200 J-TDS	< 6000 U	< 5000 U	133 J-TDS	4660 J-TDS
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	6.1	< 400 U	< 6000 U	< 5400 U	175 J-TDS&CAB	R-CAB&TDS
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	4.4	< 2100 U	< 2400 U	< 9400 U	200	5400 J-TDS
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	-2.3	< 2100 U,J-TDS	< 2400 U	< 9400 U	3.54 J, J-TDS	5170 J-TDS
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	1.6	< 2100 U,J-TDS	< 2500 U	< 9400 U	< 65 U,J-TDS	5100 J-TDS
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	2.5	< 86 U	< 500 U	87700 J+	< 339 UJ	3500
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	3.1	< 5 U	< 60 U	10200 J	< 20 U	940 J-TDS
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	1.4	< 4 U	< 600 U	6700	< 5 U	834 J-TDS
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	3.2	330 J	< 240 U	< 940 U	< 50 U	446
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	3	R-CAB&TDS	< 240 U	< 940 U	R-CAB&TDS	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	-1.3	300 J,J-TDS	< 240 U	< 940 U	295 J-TDS	445 J, J-TDS
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	-4.6	R-CAB&TDS	< 240 U	< 940 U	298 J-CAB&TDS	R-CAB&TDS
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	0.18	330 J,J-TDS	< 250 U	< 940 U	464 J-TDS	650 J-TDS
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	1.4	370 J,J-TDS	< 250 U	< 940 U	282 J-TDS	740 J-TDS
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	1.5	< 50 U	< 300 U	< 500 UJ	< 50 U	2220
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	1.3	< 50 U	< 300 U	< 500 U	--	2740 J-TDS
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	1	< 50 U	< 600 U	< 5000 U	--	2420 J-TDS
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	4	< 10 U	< 150 U	160 J	< 50 U	2730 J-TDS
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	0.5	< 40 U	< 6000 U	< 540 U	< 10 U	2560 J-TDS
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	4	< 420 U	< 490 U	< 1900 U	< 10 U	2270 J-TDS
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	-1.2	< 840 U,J-TDS	< 980 U	< 3700 U	< 65 U,J-TDS	2340 J-TDS
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	-4.2	< 420 U,J-TDS	< 490 U	< 1900 U	< 52 U,J-TDS	3200 J-TDS
Shallow	Upgradient	EC-2	55a	N	01/22/09	0.4	< 50 U	< 300 U	< 50 UJ	< 50 U	1590
Shallow	Upgradient	EC-2	55b	N	04/24/09	8.7	< 50 U	< 300 U	< 500 U	--	R-CAB&TDS
Shallow	Upgradient	EC-2	55c	N	07/27/09	2.2	< 50 U	< 600 U	< 5000 U	< 10 U	1500 J-TDS
Shallow	Upgradient	EC-2	55d	N	10/22/09	3.6	< 10 U	< 150 U	< 100 U	< 10 U	1700 J-TDS
Shallow	Upgradient	EC-2	55e	N	04/26/10	6	< 20 U	< 1500 U	< 270 U	< 5 U	R-CAB&TDS
Shallow	Upgradient	EC-2	55f	N	10/29/10	3.4	< 420 U	< 490 U	< 1900 U	< 10 U	1480 J-TDS
Shallow	Upgradient	EC-2	55g	N	03/31/11	0.73	< 2100 U,J-TDS	< 2400 U	< 9400 U	< 130 U,J-TDS	5810 J-TDS
Shallow	Upgradient	EC-2	55h	N	10/27/11	-2.6	< 420 U,J-TDS	< 490 U	< 1900 U	< 26 U,J-TDS	1600 J-TDS

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Ion Balance Difference	Nitrate	Nitrite	Orthophosphate	Perchlorate	Sulfate
Units						percent	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						--	10000	1000	--	--	--
BCL						--	10000	1000	--	18	--
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	4.1	470	< 60 U	< 50 U	2.76 J	251
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	4	460 J-TDS	< 30 U	< 54 U	3.43 J,J-TDS	238 J-TDS
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	6.2	290 J-TDS	< 49 U	< 190 U	< 1 U	260 J-TDS
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	-0.95	240 J,J-TDS	< 49 U	< 190 U	< 1.3 U,J-TDS	237 J-TDS
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	-4.5	200 J,J-TDS	< 49 U	< 190 UJ	< 1.3 U,J-TDS	260 J-TDS
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	--	< 10 U	< 6.1 U	320 J	7850	201 J+
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	2.4	< 86 U	< 500 U	< 1600 U	< 34 UJ	1990
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	1	< 50 U	< 300 U	< 500 U	< 500 U	1900
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	3.2	140 J-TDS	< 300 UJ	< 500 UJ	52.4 J-TDS	1860 J-TDS
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	0.78	< 50 U	< 600 U	< 500 U	< 50 U	1890
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	1.3	< 50 U	< 600 U	< 500 U	< 50 U	1950 J-TDS
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	0.2	< 40 U	< 600 U	< 540 U	< 10 U	1940 J-TDS
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	0.57	< 420 U	< 490 U	< 1900 U	42.9 J	1930 J-TDS
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	2.2	< 420 U,J-TDS	< 490 U	< 1900 U	< 50 U,J-TDS	1850 J-TDS
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	-3.5	< 420 U,J-TDS	< 490 U	< 1900 UJ	< 26 U,J-TDS	2200 J-TDS
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	--	< 4 U	< 4 U	< 50 U	7620	101
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	--	< 4 U	< 4 U	190 J	7470	101000
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	4.3	< 86 U	R	157000 J	< 68 UJ	1370
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	1	< 5 U	< 300 U	< 500 U	< 200 U	1260
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	1.9	< 5 U	< 300 U	< 500 U	< 200 U	1270
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	2.2	< 5 UJ	< 600 UJ	< 500 UJ	< 10 U	1310 J-TDS
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	1.9	< 5 U	< 1500 U	150 J	< 5 U	1240
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	1.2	< 25 U	< 300 U	< 250 U	< 50 U	1320 J-TDS
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	2.2	< 4 U	< 1500 U	< 54 U	< 10 U	1400 J-TDS
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	1.7	< 420 U	< 490 U	< 1900 U	< 10 U	1500 J-TDS
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	-3.4	< 420 U,J-TDS	< 490 U	< 1900 U	< 13 U,J-TDS	1480 J-TDS
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	0.022	< 420 U,J-TDS	< 490 U	< 1900 U	< 52 U,J-TDS	1400 J-TDS
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	--	< 4 U	< 4 U	< 50 U	1920	115 J+
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	2.2	< 86 U	R	< 1600 U	< 34 U	1090
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	4.4	< 5 U	< 300 U	< 50 U	< 20 U	1080
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	0.91	11 J-TDS	< 600 U	< 50 U	< 10 U	1080 J-TDS
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	5.5	< 5 U	< 60 U	< 500 U	< 5 U	R-CAB&TDS
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	2.5	20 J-TDS	< 60 U	< 50 U	< 1 U	1170 J-TDS
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	2.7	13 J,J-TDS	< 600 U	< 54 U	< 5 U	1090 J-TDS
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	3.2	< 210 U	< 240 UJ	< 940 U	< 5 U	1220 J-TDS
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	-0.59	< 210 U,J-TDS	< 240 U	< 940 U	< 13 U,J-TDS	1100 J-TDS
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	-2.1	< 210 U	< 250 U	< 940 U	< 26 U	1200 J-TDS
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	--	< 10 U	< 6.1 U	160 J	1400	395
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	1.7	< 86 UJ	< 500 UJ	< 1600 UJ	< 17 U	2470
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	4	< 50 U	< 3000 U	410	< 20 U	2250
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	3.4	< 50 U	< 3000 U	390	< 20 U	2210
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	4	< 50 U	< 1500 U	< 500 U	< 10 U	2540 J-TDS
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	2.7	< 50 U	< 1500 U	< 500 U	< 10 U	2530 J-TDS
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	4	< 50 U	< 600 U	< 5000 U	< 20 U	2230
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	7	R-CAB&TDS	< 150 U	210 J	R-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	8.6	R-CAB&TDS	< 150 U	140 J	R-CAB&TDS	R-CAB&TDS

TABLE 2-18
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Ion Balance Difference	Nitrate	Nitrite	Orthophosphate	Perchlorate	Sulfate
						Units	percent	µg/L	µg/L	µg/L	mg/L
						MCL	--	10000	1000	--	--
						BCL	--	10000	1000	18	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	0.7	75 J,J-TDS	< 600 U	< 540 UJ	< 10 U	2570 J-TDS
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	4	< 420 U	< 490 UJ	< 1900 U	< 10 U	2420 J-TDS
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	1.4	< 420 U	< 490 UJ	< 1900 U	< 10 U	2410 J-TDS
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	2.8	< 840 U,J-TDS	< 980 U	< 3700 U	< 50 U,J-TDS	2150 J-TDS
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	2.5	< 840 U,J-TDS	< 980 U	< 3700 U	< 50 U,J-TDS	2190 J-TDS
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	0.091	< 840 U	< 980 U	< 3700 U	< 26 U	2200
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	1.2	< 840 U,J-TDS	< 980 U	< 3700 U	< 26 U,J-TDS	2100 J-TDS
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	--	< 10 U	< 6.1 U	130 J	907	237
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	4.7	< 86 UJ	< 5000 UJ	< 1600 UJ	< 17 U	3420
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	1.5	< 50 U	< 6000 U	710 J	< 500 U	4320
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	1.5	< 50 U	< 1500 U	< 500 U	< 10 U	4360 J-TDS
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	1.8	< 50 U	< 600 U	< 5000 U	< 20 U	3830
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	7.7	R-CAB&TDS	< 600 U	< 1000 U	R-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	8.3	R-CAB&TDS	< 600 U	< 1000 U	R-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	1.8	< 40 U	< 600 U	< 540 UJ	< 10 U	4410 J-TDS
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	4.7	< 420 U	< 490 U	< 1900 U	R-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	3.8	< 420 U,J-TDS	630 J	< 1900 U	230 J-TDS	2970 J-TDS
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	-3.8	< 420 U,J-TDS	< 490 U	< 1900 U	< 52 U,J-TDS	2800 J-TDS
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	--	< 10 U	< 6.1 U	150 J	1180	91.3
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	1.2	< 86 UJ	< 500 UJ	< 1600 UJ	< 68 UJ	837
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	3.2	< 5 U	< 300 U	< 50 U	< 10 U	1070
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	2.6	< 5 U	< 600 U	620	< 5 U	1110 J-TDS
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	1.1	< 5 U	< 60 U	< 500 U	< 1 U	1060
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	4.9	R-CAB&TDS	< 60 U	220 J	R-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	2.4	< 4 U	< 1500 U	< 54 U	< 1 U	1050 J-TDS
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	7	< 210 U	< 240 U	< 940 U	R-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	-4	< 210 U,J-TDS	< 240 U	< 940 U	70.7 J-TDS	1200 J-TDS
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	0.91	R-CAB&TDS	< 98 U	< 370 U	77.6 J-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	H-28	55a	N	01/26/09	1.6	< 50 U	< 300 U	< 50 U	< 10 U	1300
Shallow	Downgradient	H-28	55b	N	04/22/09	6.1	< 5 U	< 600 U	< 50 U	< 10 U	1280 J-CAB
Shallow	Downgradient	H-28	55c	N	07/22/09	0.98	< 100 U	< 60 U	< 50 U	< 5 U	1270 J-TDS
Shallow	Downgradient	H-28	55c	FD	07/22/09	1.2	< 100 U	< 60 U	< 50 U	< 5 U	1270 J-TDS
Shallow	Downgradient	H-28	55d	N	10/20/09	4.3	93 J, J-TDS	< 300 U	< 250 U	12900 J-TDS	1280 J-TDS
Shallow	Downgradient	H-28	55e	N	04/21/10	1	< 4 U	< 1500 U	< 54 U	< 10 U	1220 J-TDS
Shallow	Downgradient	H-28	55f	N	10/26/10	1.3	< 210 U	< 240 U	< 940 U	< 10 U	1360 J-TDS
Shallow	Downgradient	H-28	55g	N	03/24/11	1.4	< 210 U,J-TDS	< 240 U	< 940 U	< 20 U,J-TDS	1220 J-TDS
Shallow	Downgradient	H-28	55h	N	10/20/11	-4.4	R-CAB&TDS	< 490 U	< 1900 U	R-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	H-43	55a	N	01/27/09	2.4	18	< 300 U	< 50 U	< 10 U	965
Shallow	Downgradient	H-43	55b	N	04/21/09	1.8	< 5 U	< 600 U	< 50 U	< 1 U	972 J-TDS
Shallow	Downgradient	H-43	55c	N	07/30/09	2.3	< 5 U	< 60 U	< 50 U	< 5 U	983 J-TDS
Shallow	Downgradient	H-43	55d	N	10/23/09	3	< 5 U	< 60 U	< 50 U	< 1 U	1060 J-TDS
Shallow	Downgradient	H-43	55e	N	05/11/10	2.1	1900 J-TDS	< 1500 U	< 1100 U	< 1 U	1090 J-TDS
Shallow	Downgradient	H-43	55f	N	10/26/10	2.2	< 210 U	< 240 U	< 940 U	< 10 U	1120 J-TDS
Shallow	Downgradient	H-43	55g	N	03/24/11	-3	< 210 U,J-TDS	< 240 U	< 940 U	33.8 J,J-TDS	1080 J-TDS
Shallow	Downgradient	H-43	55h	N	10/20/11	-5	< 210 U,J-TDS	< 250 U	< 940 U	< 13 U,J-TDS	1200 J-TDS
Shallow	Downgradient	M7B	55a	N	02/03/09	1.6	1600	< 300 U	190	52000	1570

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Ion Balance Difference	Nitrate	Nitrite	Orthophosphate	Perchlorate	Sulfate
						Units	percent	µg/L	µg/L	µg/L	mg/L
						MCL	--	10000	1000	--	--
						BCL	--	10000	1000	18	--
Shallow	Downgradient	M7B	55b	N	04/23/09	3.1	1900 J-TDS	< 600 U	< 50 U	56500 J-TDS	1580 J-TDS
Shallow	Downgradient	M7B	55c	N	07/28/09	1.5	1300 J-TDS	< 1500 U	< 500 U	49400	1530 J-TDS
Shallow	Downgradient	M7B	55c	FD	07/28/09	0.12	1400 J-TDS	< 1500 U	< 50 U	48400	1520 J-TDS
Shallow	Downgradient	M7B	55d	N	10/28/09	6.9	R-CAB&TDS	< 1500 U	< 50 U	R-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	M7B	55e	N	04/22/10	2	1600 J-TDS	< 600 U	< 54 UJ	47100 J-TDS	1680 J-TDS
Shallow	Downgradient	M7B	55f	N	10/28/10	3.9	R-CAB&TDS	< 240 UJ	< 940 U	47600 J-CAB&TDS	R-CAB&TDS
Shallow	Downgradient	M7B	55g	N	03/30/11	-1	1300 J,J-TDS	< 240 U	< 940 U	42300 J-TDS	1480 J-TDS
Shallow	Downgradient	M-7B	55h	N	10/26/11	-0.0016	1100 J,J-TDS	< 250 U	< 940 UJ	37800 J-TDS	1600 J-TDS
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	--	< 2500 U	--	--	2.4	1700
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	-3.8	< 500 U	< 3000 U	< 800 U	2.9	1800
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	2.4	< 420 U	< 490 U	< 1900 U	< 10 U	1560 J-TDS
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	5.1	R-CAB&TDS	< 490 U	< 1900 U	R-CAB&TDS	R-CAB&TDS
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	-0.59	R-CAB&TDS	< 490 U	< 1900 UJ	R-CAB&TDS	R-CAB&TDS
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	--	< 250 U	--	--	0.31	240
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	-2.1	< 250 U	< 300 U	< 400 U	0.33	240
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	-2.6	< 250 U	< 300 U	< 400 U	0.3	240
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	1	120 J,J-TDS	< 49 U	< 190 U	< 1 U	222 J-TDS
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	4.6	< 42 U,J-TDS	< 49 U	< 190 U	< 1 U,J-TDS	230 J-TDS
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	-3.7	53 J,J-TDS	< 49 U	< 190 UJ	< 1.3 U,J-TDS	240 J-TDS
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	6.4	25 J-CAB	< 60 U	< 50 UJ	14.3 J-CAB	182 J,J-CAB
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	3.2	11 J	< 60 U	< 54 U	2.43 J	181
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	1.9	< 42 U	< 49 U	< 190 U	2.87 J-CAB&TDS	R-CAB&TDS
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	0.2	< 42 U,J-TDS	< 49 U	< 190 U	< 1 U,J-TDS	176 J-TDS
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	2	220 J,J-TDS	57 J	< 190 U	3.33 J,J-TDS	180 J-TDS
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	--	< 2500 U	--	--	< 90 U	860
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	-3.5	< 1200 U	< 6000 U	< 2000 U	< 0.082 U	990 J-TDS
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	1.6	< 210 U	< 240 U	< 940 U	< 10 U	1010 J-TDS
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	-1.6	< 420 U,J-TDS	< 490 U	< 1900 U	< 6.5 U,J-TDS	1030 J-TDS
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	1.4	< 420 U,J-TDS	< 490 U	< 1900 U	< 26 U,J-TDS	1100 J-TDS
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	--	< 2500 U	--	--	0.21 J+	580
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	-7	R-CAB&TDS	< 15000 U	1200	< 0.082 U	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	5.8	R-CAB&TDS	< 98 U	< 370 U	R-CAB&TDS	R-CAB&TDS
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	-2	< 210 U,J-TDS	< 240 U	< 940 U	< 6.5 U,J-TDS	555 J-TDS
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	-0.77	270 J,J-TDS	< 250 U	< 940 U	< 26 U,J-TDS	630 J-TDS
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	--	4600	--	--	< 0.9 U	210
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	-0.67	2000	< 300 U	< 400 U	0.24	210
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	3	< 42 U	< 49 U	< 190 U	< 1 U	182 J-TDS
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	3.1	R-CAB&TDS	< 49 U	< 190 U	R-CAB&TDS	R-CAB&TDS
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	-3.8	< 42 U,J-TDS	< 49 U	< 190 U	< 1.3 U,J-TDS	200 J-TDS
Deep	Upgradient	MW-8	POSSM	N	11/18/09	--	4200	--	--	< 0.9 U	220
Deep	Upgradient	MW-8	POSSM	N	04/27/10	1.6	4900	< 300 U	670	0.46	250
Deep	Upgradient	MW-8	55f	N	10/22/10	1.8	R-CAB&TDS	< 49 U	< 190 U	R-CAB&TDS	R-CAB&TDS
Deep	Upgradient	MW-8	55g	N	03/23/11	1.6	R-CAB&TDS	< 49 U	< 190 U	R-CAB&TDS	R-CAB&TDS
Deep	Upgradient	MW-8	55h	N	10/19/11	-4.1	990 J-TDS	< 49 U	< 190 U	< 1.3 U,J-TDS	250 J-TDS
Deep	Downgradient	TR-11	POSSM	N	11/18/09	--	4500	--	--	< 0.9 U	200
Deep	Downgradient	TR-11	POSSM	N	04/26/10	1.5	5200	< 300 U	< 400 U	0.46	210 J+

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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Ion Balance Difference	Nitrate	Nitrite	Orthophosphate	Perchlorate	Sulfate
Units						percent	µg/L	µg/L	µg/L	µg/L	mg/L
MCL						--	10000	1000	--	--	--
BCL						--	10000	1000	--	18	--
Deep	Downgradient	TR-11	55f	N	10/21/10	0.48	1000 J-TDS	< 49 U	< 190 U	< 1 U	212
Deep	Downgradient	TR-11	55g	N	03/22/11	0.24	1000 J-TDS	< 49 U	< 190 U	< 1 U,J-TDS	220 J-TDS
Deep	Downgradient	TR-11	55h	N	10/18/11	-2.8	970 J-TDS	< 49 U	< 190 U	< 1.3 U,J-TDS	240 J-TDS
Deep	Downgradient	TR-12	POSSM	N	11/21/09	--	11000	--	--	< 0.9 U	180
Deep	Downgradient	TR-12	POSSM	N	04/26/10	0.71	12000	< 300 U	< 400 U	0.65	200 J+
Deep	Downgradient	TR-12	55f	N	10/21/10	6.3	R-CAB&TDS	< 49 U	< 190 U	R-CAB&TDS	R-CAB&TDS
Deep	Downgradient	TR-12	55g	N	03/22/11	2.7	2600 J-TDS	< 49 U	< 190 U	< 1 U,J-TDS	187 J-TDS
Deep	Downgradient	TR-12	55h	N	10/18/11	1.5	2400 J-TDS	< 49 U	< 190 U	< 1.3 U,J-TDS	200 J-TDS

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

µg/L = micrograms per liter

mg/L = milligrams per liter

-- = no sample data.

TABLE 2-19
GENERAL WATER QUALITY RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bicarbonate alkalinity	Carbonate alkalinity	Hardness, Total	Hydroxide alkalinity	Total Alkalinity	Total Dissolved Solids	pH ⁽¹⁾
Units						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	--
MCL						--	--	--	--	--	500	6.5 - 8.5
BCL						--	--	--	--	--	--	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	542	< 1.8 U	292	< 1.2 U	542	38200	--
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	327	< 0.85 U	1880	< 0.85 U	327	22800 J-	--
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	--	--	2310	--	--	17800 J-	8.20
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	R-CAB&TDS	< 0.31 U	2560	< 0.31 U	R-CAB&TDS	R-CAB&TDS	6.83
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	331 J-TDS	< 0.31 U	861	< 0.31 U	331 J-TDS	15400 J-TDS	6.83
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	338	< 0.31 U	876	< 0.31 U	338	21200	6.93
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	329 J-TDS	< 0.31 U	914	< 0.31 U	329 J-TDS	16600 J-TDS	6.93
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	332 J-TDS	< 0.54 U	3100	< 0.54 U	332 J-TDS	19000 J-TDS	7.03
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	R-CAB&TDS	< 1.1 U	3200	< 1.1 U	R-CAB&TDS	R-CAB&TDS	6.91
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	R-CAB&TDS	R-CAB&TDS	3000	< 1.1 U	R-CAB&TDS	R-CAB&TDS	7.20
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	360 J-TDS	< 1.1 U,J-TDS	2900	< 1.1 U	360 J-TDS	26000 J-TDS	7.31
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	376	< 1.8 U	520	< 1.2 U	376	43500 J-	--
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	386	< 0.85 U	9150	< 0.85 U	386	60000 J-	--
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	--	--	13000	--	--	54900 J-	7.49
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	520	< 0.31 U	12200	< 0.31 U	520	57500	6.34
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	445	< 0.31 U	11600	< 0.31 U	445	61600	6.41
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	447 J-TDS	< 0.31 U	13400	< 0.31 U	447 J-TDS	46500 J-TDS	6.49
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	R-CAB&TDS	< 0.54 U	12000	< 0.54 U	R-CAB&TDS	R-CAB&TDS	6.48
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	580 J-TDS	< 1.1 U	9700	< 1.1 U	580 J-TDS	47000 J-TDS	6.46
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	610 J-TDS	< 1.1 U,J-TDS	10000	< 1.1 U	610 J-TDS	61000 J-TDS	6.62
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	640 J-TDS	< 1.1 U,J-TDS	10000	< 1.1 U	640 J-TDS	57000 J-TDS	6.71
Shallow	Upgradient	AA-BW-12A	49	N	10/23/07	3030	< 8.5 U	1720	< 8.5 U	3030	23400 J-	--
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	416 J-TDS	< 0.31 U	1510	< 0.31 U	416 J+,J-TDS	5500 J-TDS	--
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	360 J-TDS	< 0.54 U	1500	< 0.54 U	360 J-TDS	6160 J-TDS	6.69
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	190 J-TDS	< 1.1 U	1700	< 1.1 U	190 J-TDS	3800 J, J-TDS	6.50
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	R-CAB&TDS	< 1.1 U	1500	< 1.1 U	R-CAB&TDS	R-CAB&TDS	6.50
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	200 J-TDS	< 1.1 U,J-TDS	1700	< 1.1 U	200 J-TDS	4100 J-TDS	6.85
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	R-CAB&TDS	R-CAB&TDS	1600	< 1.1 U	R-CAB&TDS	R-CAB&TDS	--
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	200 J-TDS	< 1.1 U,J-TDS	1800	< 1.1 U	200 J-TDS	4100 J-TDS	6.94
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	270 J-TDS	< 1.1 U,J-TDS	1700	< 1.1 U	270 J-TDS	4200 J-TDS	--
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	--	--	5420	--	--	18600	7.97
Shallow	Upgradient	AA-MW-07	55b	N	04/24/09	181 J-TDS	< 0.31 U	5260	< 0.31 U	181 J-TDS	14400 J-TDS	6.64
Shallow	Upgradient	AA-MW-07	55c	N	07/27/09	151	< 0.31 U	4940	< 0.31 U	151 J-TDS	23400 J-TDS	6.75
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	166 J-TDS	< 0.31 U	1940	< 0.31 U	166 J-TDS	17300 J-TDS	6.50
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	176 J-TDS	< 0.54 U	5100	< 0.54 U	176 J-TDS	17100 J-TDS	6.44
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	180 J-TDS	< 1.1 U	5300	< 1.1 U	180 J-TDS	16000 J-TDS	6.98
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	180 J-TDS	< 1.1 U,J-TDS	4900	< 1.1 U	180 J-TDS	17000 J-TDS	6.95
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	180 J-TDS	< 1.1 U,J-TDS	5300	< 1.1 U	180 J-TDS	16000 J-TDS	7.03
Shallow	Upgradient	EC-2	55a	N	01/22/09	--	--	2400	--	--	12800	8.00
Shallow	Upgradient	EC-2	55b	N	04/24/09	R-CAB&TDS	< 0.31 U	2440	< 0.31 U	R-CAB&TDS	R-CAB&TDS	6.65
Shallow	Upgradient	EC-2	55c	N	07/27/09	450	< 0.31 U	2540	< 0.31 U	450 J-TDS	13700 J-TDS	6.74
Shallow	Upgradient	EC-2	55d	N	10/22/09	394 J-TDS	< 0.31 U	2700	< 0.31 U	394 J-TDS	13100 J-TDS	6.68
Shallow	Upgradient	EC-2	55e	N	04/26/10	R-CAB&TDS	< 0.54 U	2800	< 0.54 U	R-CAB&TDS	R-CAB&TDS	6.02
Shallow	Upgradient	EC-2	55f	N	10/29/10	410 J-TDS	< 1.1 U	3100	< 1.1 U	410 J-TDS	13000 J-TDS	6.94
Shallow	Upgradient	EC-2	55g	N	03/31/11	820 J-TDS	< 1.1 U,J-TDS	8500	< 1.1 U	820 J-TDS	65000 J-TDS	6.34
Shallow	Upgradient	EC-2	55h	N	10/27/11	420 J-TDS	< 1.1 U,J-TDS	3600	< 1.1 U	420 J-TDS	15000 J-TDS	6.88

TABLE 2-19
GENERAL WATER QUALITY RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bicarbonate alkalinity	Carbonate alkalinity	Hardness, Total	Hydroxide alkalinity	Total Alkalinity	Total Dissolved Solids	pH ⁽¹⁾
Units						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	--
MCL						--	--	--	--	--	500	6.5 - 8.5
BCL						--	--	--	--	--	--	--
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	98.4	< 0.31 U	259	< 0.31 U	98.4 J+	911	--
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	115 J-TDS	< 0.54 U	270	< 0.54 U	115 J-TDS	1060 J-TDS	5.52
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	110 J-TDS	< 1.1 U	250	< 1.1 U	110 J-TDS	900	7.62
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	110 J-TDS	< 1.1 U,J-TDS	260	< 1.1 U	110 J-TDS	900 J-TDS	7.59
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	110 J-TDS	< 1.1 U,J-TDS	290	< 1.1 U	110 J-TDS	890 J-TDS	7.34
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	237 J-	< 1.8 U	264	< 1.2 U	237 J-	12900 J-	--
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	193	< 0.85 U	5780	< 0.85 U	193	19400 J-	--
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	--	--	6800	--	--	14100 J-	7.60
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	205 J-TDS	< 0.31 U	6650	< 0.31 U	205 J-TDS	10300 J-TDS	6.38
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	250	< 0.31 U	6170	< 0.31 U	250	19300	6.53
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	199 J-TDS	< 0.31 U	6730	< 0.31 U	199 J-TDS	15000 J-TDS	6.72
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	210 J-TDS	< 0.54 U	6900	< 0.54 U	210 J-TDS	21300 J-TDS	6.70
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	210 J-TDS	< 1.1 U	6100	< 1.1 U	210 J-TDS	13000 J-TDS	6.50
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	240 J-TDS	< 1.1 U,J-TDS	6400	< 1.1 U	240 J-TDS	14000 J-TDS	6.82
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	220 J-TDS	< 1.1 U,J-TDS	6200	< 1.1 U	220 J-TDS	15000 J-TDS	6.89
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	194	< 1.8 U	772	< 1.2 U	194	7700	--
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	196	< 1.8 U	764	< 1.2 U	196	7760	--
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	158	< 0.85 U	3550	< 0.85 U	158	11900 J-	--
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	--	--	4550	--	--	10100 J-	7.72
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	--	--	4680	--	--	10400 J-	7.80
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	162 J-TDS	< 0.31 U	4450	< 0.31 U	162 J-TDS	6900 J-TDS	6.44
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	105	< 0.31 U	4460	< 0.31 U	105	11000	6.64
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	155 J-TDS	< 0.31 U	4740	< 0.31 U	155 J-TDS	10600 J-TDS	6.99
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	162 J-TDS	< 0.54 U	4900	< 0.54 U	162 J-TDS	16000 J-TDS	6.65
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	160 J-TDS	< 1.1 U	4500	< 1.1 U	160 J-TDS	9200 J-TDS	6.61
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	160 J-TDS	< 1.1 U,J-TDS	4700	< 1.1 U	160 J-TDS	9700 J-TDS	6.94
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	170 J-TDS	< 1.1 U,J-TDS	5100	< 1.1 U	170 J-TDS	10000 J-TDS	6.96
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	159	< 1.8 U	500	< 1.2 U	159	5410	--
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	168	< 0.85 U	2190	< 0.85 U	168	7160 J-	--
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	--	--	2790	--	--	6660	8.11
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	119 J-TDS	< 0.31 U	2740	< 0.31 U	119 J-TDS	3400 J-TDS	6.85
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	119	< 0.31 U	2810	< 0.31 U	R-CAB&TDS	R-CAB&TDS	6.87
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	110 J-TDS	< 0.31 U	3140	< 0.31 U	110 J-TDS	6000 J-TDS	6.87
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	115 J-TDS	< 0.54 U	2700	< 0.54 U	115 J-TDS	8860 J-TDS	7.02
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	110 J-TDS	< 1.1 U	2700	< 1.1 U	110 J-TDS	5300 J-TDS	6.86
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	97 J-TDS	< 1.1 U,J-TDS	2700	< 1.1 U	97 J-TDS	5700 J-TDS	7.17
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	120 J-TDS	< 1.1 U,J-TDS	2900	< 1.1 U	120 J-TDS	6400 J-TDS	7.21
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	492	< 1.8 U	308	< 1.2 U	492	29600	--
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	484	< 1.7 U	2120	< 1.7 U	484	22900 J-	--
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	--	--	2610	--	--	13200	8.36
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	--	--	2670	--	--	13400	8.36
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	545 J-TDS	< 1.5 U	2590	< 0.31 U	545 J-TDS	15900 J-TDS	7.45
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	412 J-TDS	< 0.61 U	2610	< 0.31 U	412 J-TDS	15800 J-TDS	7.45
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	545	< 0.31 U	851	< 0.31 U	545	19600	7.03
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	R-CAB&TDS	R-CAB&TDS	2730	< 0.61 U	R-CAB&TDS	R-CAB&TDS	7.07
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	R-CAB&TDS	R-CAB&TDS	2820	< 0.61 U	R-CAB&TDS	R-CAB&TDS	7.07

TABLE 2-19
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bicarbonate alkalinity	Carbonate alkalinity	Hardness, Total	Hydroxide alkalinity	Total Alkalinity	Total Dissolved Solids	pH ⁽¹⁾
Units						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	--
MCL						--	--	--	--	--	500	6.5 - 8.5
BCL						--	--	--	--	--	--	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	502 J-TDS	< 0.54 U	2900	< 0.54 U	502 J-TDS	20900 J-TDS	6.92
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	490 J-TDS	< 1.1 U	2700	< 1.1 U	490 J-TDS	17000 J-TDS	6.93
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	490 J-TDS	< 1.1 U	2700	< 1.1 U	490 J-TDS	15000 J-TDS	6.93
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	490 J-TDS	< 1.1 U,J-TDS	3000	< 1.1 U	490 J-TDS	17000 J-TDS	7.05
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	480 J-TDS	< 1.1 U,J-TDS	3000	< 1.1 U	480 J-TDS	16000 J-TDS	--
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	480	< 1.1 U	3000	< 1.1 U	480	22000	7.17
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	480 J-TDS	< 1.1 U,J-TDS	3000	< 1.1 U	480 J-TDS	18000 J-TDS	--
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	442	< 1.8 U	208	< 1.2 U	442	14800	--
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	788	< 1.7 U	2050	< 1.7 U	788	25100 J-	--
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	--	--	2790	--	--	20100	8.05
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	750 J-TDS	< 1.5 U	2700	< 0.31 U	750 J-TDS	21500 J-TDS	6.67
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	455	< 0.31 U	2360	< 0.31 U	455	23300	6.93
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	R-CAB&TDS	R-CAB&TDS	2510	< 0.31 U	R-CAB&TDS	R-CAB&TDS	7.11
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	R-CAB&TDS	R-CAB&TDS	2510	< 0.61 U	R-CAB&TDS	R-CAB&TDS	7.11
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	725 J-TDS	< 0.54 U	2400	< 0.54 U	725 J-TDS	26400 J-TDS	7.03
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	R-CAB&TDS	< 1.1 U	1900	< 1.1 U	R-CAB&TDS	R-CAB&TDS	7.10
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	750 J-TDS	< 1.1 U,J-TDS	2000	< 1.1 U	750 J-TDS	15000 J-TDS	7.19
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	750 J-TDS	< 1.1 U,J-TDS	1800	< 1.1 U	750 J-TDS	15000 J-TDS	7.31
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	382	< 1.8 U	840	< 1.2 U	382	3990	--
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	233	< 0.85 U	1020	< 0.85 U	233	4700 J-	--
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	--	--	1710	--	--	3600	8.36
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	240 J-TDS	< 0.31 U	747	< 0.31 U	240 J-TDS	4870 J-TDS	7.23
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	210	< 0.31 U	1580	< 0.31 U	210	5300	7.14
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	R-CAB&TDS	R-CAB&TDS	1520	< 0.31 U	R-CAB&TDS	R-CAB&TDS	7.16
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	226 J-TDS	< 0.54 U	1200	< 0.54 U	226 J-TDS	3860 J-TDS	7.03
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	R-CAB&TDS	< 1.1 U	1200	< 1.1 U	R-CAB&TDS	R-CAB&TDS	7.30
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	240 J-TDS	< 1.1 U,J-TDS	1200	< 1.1 U	240 J-TDS	4400 J-TDS	7.33
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	R-CAB&TDS	R-CAB&TDS	1400	< 1.1 U	R-CAB&TDS	R-CAB&TDS	7.47
Shallow	Downgradient	H-28	55a	N	01/26/09	--	--	3810	--	--	4900	7.84
Shallow	Downgradient	H-28	55b	N	04/22/09	220 J-CAB	< 0.31 U	3650	< 0.31 U	220 J-CAB	8850 J-CAB	7.01
Shallow	Downgradient	H-28	55c	N	07/22/09	153	< 0.31 U	3760	< 0.31 U	153 J-TDS	5600 J-TDS	6.63
Shallow	Downgradient	H-28	55c	FD	07/22/09	150	< 0.31 U	3700	< 0.31 U	150 J-TDS	3300 J-TDS	6.63
Shallow	Downgradient	H-28	55d	N	10/20/09	148 J-TDS	< 0.31 U	4150	< 0.31 U	148 J-TDS	8800 J-TDS	6.79
Shallow	Downgradient	H-28	55e	N	04/21/10	195 J-TDS	< 0.54 U	4100	< 0.54 U	195 J-TDS	11400 J-TDS	5.70
Shallow	Downgradient	H-28	55f	N	10/26/10	150 J-TDS	< 1.1 U	3700	< 1.1 U	150 J-TDS	7400 J-TDS	6.96
Shallow	Downgradient	H-28	55g	N	03/24/11	150 J-TDS	< 1.1 U,J-TDS	4100	< 1.1 U	150 J-TDS	7500 J-TDS	6.65
Shallow	Downgradient	H-28	55h	N	10/20/11	R-CAB&TDS	R-CAB&TDS	4200	< 1.1 U	R-CAB&TDS	R-CAB&TDS	6.84
Shallow	Downgradient	H-43	55a	N	01/27/09	--	--	1330	--	--	2800	8.36
Shallow	Downgradient	H-43	55b	N	04/21/09	314 J-TDS	< 0.31 U	1340	< 0.31 U	314 J-TDS	4090 J-TDS	5.59
Shallow	Downgradient	H-43	55c	N	07/30/09	277	< 0.31 U	1410	< 0.31 U	277 J-TDS	5600 J-TDS	7.29
Shallow	Downgradient	H-43	55d	N	10/23/09	260 J-TDS	< 0.31 U	1420	< 0.31 U	260 J-TDS	5300 J-TDS	7.21
Shallow	Downgradient	H-43	55e	N	05/11/10	278 J-TDS	< 0.54 U	1400	< 0.54 U	278 J-TDS	5000 J-TDS	7.03
Shallow	Downgradient	H-43	55f	N	10/26/10	220 J-TDS	< 1.1 U	1400	< 1.1 U	220 J-TDS	4400 J-TDS	7.35
Shallow	Downgradient	H-43	55g	N	03/24/11	260 J-TDS	< 1.1 U,J-TDS	1600	< 1.1 U	260 J-TDS	4100 J-TDS	7.44
Shallow	Downgradient	H-43	55h	N	10/20/11	210 J-TDS	< 1.1 U,J-TDS	1600	< 1.1 U	210 J-TDS	5100 J-TDS	7.41
Shallow	Downgradient	M7B	55a	N	02/03/09	--	--	3400	--	--	6000	6.97

TABLE 2-19
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bicarbonate alkalinity	Carbonate alkalinity	Hardness, Total	Hydroxide alkalinity	Total Alkalinity	Total Dissolved Solids	pH ⁽¹⁾
Units						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	--
MCL						--	--	--	--	--	500	6.5 - 8.5
BCL						--	--	--	--	--	--	--
Shallow	Downgradient	M7B	55b	N	04/23/09	94 J-TDS	< 0.31 U	3260	< 0.31 U	94 J-TDS	7210 J-TDS	6.80
Shallow	Downgradient	M7B	55c	N	07/28/09	89	< 0.31 U	3110	< 0.31 U	89 J-TDS	10100 J-TDS	6.99
Shallow	Downgradient	M7B	55c	FD	07/28/09	92	< 0.31 U	3190	< 0.31 U	92 J-TDS	10000 J-TDS	6.99
Shallow	Downgradient	M7B	55d	N	10/28/09	R-CAB&TDS	R-CAB&TDS	3820	< 0.31 U	R-CAB&TDS	R-CAB&TDS	5.68
Shallow	Downgradient	M7B	55e	N	04/22/10	104 J-TDS	< 0.54 U	3300	< 0.54 U	104 J-TDS	7100 J-TDS	5.72
Shallow	Downgradient	M7B	55f	N	10/28/10	R-CAB&TDS	< 1.1 U	3000	< 1.1 U	R-CAB&TDS	R-CAB&TDS	7.18
Shallow	Downgradient	M7B	55g	N	03/30/11	96 J-TDS	< 1.1 U,J-TDS	3200	< 1.1 U	96 J-TDS	7300 J-TDS	7.02
Shallow	Downgradient	M-7B	55h	N	10/26/11	96 J-TDS	< 1.1 U,J-TDS	3300	< 1.1 U	96 J-TDS	6800 J-TDS	7.15
Middle	Upgradient	MC-MW-10	POSSM	N	11/13/09	330	< 2 U	--	< 2 U	330	14000	--
Middle	Upgradient	MC-MW-10	POSSM	N	05/05/10	320	< 2 U	--	< 2 U	320	14000	6.85
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	340 J-TDS	< 1.1 U	3100	< 1.1 U	340 J-TDS	12000 J-TDS	5.17
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	R-CAB&TDS	R-CAB&TDS	3200	< 1.1 U	R-CAB&TDS	R-CAB&TDS	6.27
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	R-CAB&TDS	R-CAB&TDS	7500	< 1.1 U	R-CAB&TDS	R-CAB&TDS	6.95
Middle	Upgradient	MC-MW-11	POSSM	N	11/12/09	86	< 2 U	--	< 2 U	86	870	--
Middle	Upgradient	MC-MW-11	POSSM	N	05/05/10	84	< 2 U	--	< 2 U	84	850	6.50
Middle	Upgradient	MC-MW-11	POSSM	FD	05/05/10	86	< 2 U	--	< 2 U	86	850	--
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	93 J-TDS	< 1.1 U	250	< 1.1 U	93 J-TDS	810 J-TDS	4.59
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	93 J-TDS	< 1.1 U,J-TDS	250	< 1.1 U	93 J-TDS	820 J-TDS	7.61
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	94 J-TDS	< 1.1 U,J-TDS	240	< 1.1 U	94 J-TDS	820 J-TDS	7.68
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	90.4 J-CAB	< 0.31 U	134	< 0.31 U	90.4 J+J-CAB	700	7.03
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	85.6	< 0.54 U	140	< 0.54 U	85.6	640	7.83
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	R-CAB&TDS	< 1.1 U	130	< 1.1 U	R-CAB&TDS	R-CAB&TDS	7.87
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	79 J-TDS	< 1.1 U,J-TDS	140	< 1.1 U	79 J-TDS	620 J-TDS	7.72
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	88 J-TDS	< 1.1 U,J-TDS	150	< 1.1 U	88 J-TDS	630 J-TDS	7.63
Middle	Downgradient	MC-MW-30	POSSM	N	11/10/09	130	< 2 U	--	< 2 U	130	8000	--
Middle	Downgradient	MC-MW-30	POSSM	N	05/04/10	92 J-TDS	< 2 U	--	< 2 U	92 J-TDS	9900 J-TDS	6.75
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	84 J-TDS	< 1.1 U	3100	< 1.1 U	84 J-TDS	8100 J-TDS	7.34
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	86 J-TDS	< 1.1 U,J-TDS	3200	< 1.1 U	86 J-TDS	8200 J-TDS	7.17
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	170 J-TDS	< 1.1 U,J-TDS	3700	< 1.1 U	170 J-TDS	8700 J-TDS	7.29
Middle	Downgradient	MC-MW-31	POSSM	N	11/19/09	100	< 2 U	--	< 2 U	100	4500	--
Middle	Downgradient	MC-MW-31	POSSM	N	05/03/10	R-CAB&TDS	< 2 U	--	< 2 U	R-CAB&TDS	R-CAB&TDS	6.72
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	R-CAB&TDS	< 1.1 U	1700	< 1.1 U	R-CAB&TDS	R-CAB&TDS	6.87
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	81 J-TDS	< 1.1 U,J-TDS	1900	< 1.1 U	81 J-TDS	4000 J-TDS	6.58
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	71 J-TDS	< 1.1 U,J-TDS	2300	< 1.1 U	71 J-TDS	4900 J-TDS	6.83
Deep	Upgradient	DMC-MW-28	POSSM	N	10/27/09	80	< 2 U	--	< 2 U	80	730	--
Deep	Upgradient	DMC-MW-28	POSSM	N	04/29/10	68	< 2 U	--	< 2 U	68	700	7.83
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	47 J-TDS	8.9	150	< 1.1 U	56 J-TDS	610	8.45
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	R-CAB&TDS	R-CAB&TDS	160	< 1.1 U	R-CAB&TDS	R-CAB&TDS	8.94
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	47 J-TDS	6.7 J-TDS	150	< 1.1 U	53 J-TDS	640 J-TDS	8.67
Deep	Upgradient	MW-8	POSSM	N	11/18/09	72	< 2 U	--	< 2 U	72	790	--
Deep	Upgradient	MW-8	POSSM	N	04/27/10	76	< 2 U	--	< 2 U	76	820	7.72
Deep	Upgradient	MW-8	55f	N	10/22/10	R-CAB&TDS	< 1.1 U	230	< 1.1 U	R-CAB&TDS	R-CAB&TDS	7.44
Deep	Upgradient	MW-8	55g	N	03/23/11	R-CAB&TDS	R-CAB&TDS	240	< 1.1 U	R-CAB&TDS	R-CAB&TDS	8.02
Deep	Upgradient	MW-8	55h	N	10/19/11	91 J-TDS	< 1.1 U,J-TDS	230	< 1.1 U	91 J-TDS	770 J-TDS	7.64
Deep	Downgradient	TR-11	POSSM	N	11/18/09	68	< 2 U	--	< 2 U	68	730	--
Deep	Downgradient	TR-11	POSSM	N	04/26/10	80	< 2 U	--	< 2 U	80	720	7.87

TABLE 2-19
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Bicarbonate alkalinity	Carbonate alkalinity	Hardness, Total	Hydroxide alkalinity	Total Alkalinity	Total Dissolved Solids	pH ⁽¹⁾
Units						mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	--
MCL						--	--	--	--	--	500	6.5 - 8.5
BCL						--	--	--	--	--	--	--
Deep	Downgradient	TR-11	55f	N	10/21/10	84 J-TDS	< 1.1 U	220	< 1.1 U	84 J-TDS	700 J-TDS	7.48
Deep	Downgradient	TR-11	55g	N	03/22/11	84 J-TDS	< 1.1 U,J-TDS	210	< 1.1 U	84 J-TDS	700 J-TDS	7.95
Deep	Downgradient	TR-11	55h	N	10/18/11	88 J-TDS	< 1.1 U,J-TDS	210	< 1.1 U	88 J-TDS	710 J-TDS	7.79
Deep	Downgradient	TR-12	POSSM	N	11/21/09	76	< 2 U	--	< 2 U	76	510	--
Deep	Downgradient	TR-12	POSSM	N	04/26/10	72	< 2 U	--	< 2 U	72	530	7.76
Deep	Downgradient	TR-12	55f	N	10/21/10	R-CAB&TDS	< 1.1 U	120	< 1.1 U	R-CAB&TDS	R-CAB&TDS	7.88
Deep	Downgradient	TR-12	55g	N	03/22/11	80 J-TDS	< 1.1 U,J-TDS	120	< 1.1 U	80 J-TDS	500 J-TDS	8.44
Deep	Downgradient	TR-12	55h	N	10/18/11	81 J-TDS	< 1.1 U,J-TDS	120	< 1.1 U	81 J-TDS	490 J-TDS	7.98

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

mg/L = milligrams per liter

-- = no sample data.

(1) Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

TABLE 2-20
RADIONUCLIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Radium-226	Radium-226/228	Radium-228	Radon-222	Thorium-228
Units						pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
MCL						--	5	--	4000	--
BCL						--	5	--	300	0.11
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	0.1 U	1.38	1.28	--	-0.04 U
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	0.025 U	0.93	0.907 J	--	0.0541 U
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	1.33	2.29	0.962 J	408	-0.0798 U
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	3.41 J	4.02	0.612 U	513	--
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	0.818 J	1.52	0.703 U	486	--
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	0.513 U	1.97	1.46	522	--
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	0.756	1.81	1.05	442	--
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 0.393 U	1.68	1.29	175	< 0.0655 U
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	0.325 U	0.77 U	0.444 UJ	333	-0.0554 U
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	1.42	3.36	1.94	71.6 U	0.0758 U
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	1.73	1.87	0.138 U	79.4 U	0.0261 U
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	-0.06 U	2.49	2.55	--	0.23
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	--	--	--	--	0.117 U
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	1.33	10.8	9.51 J	67.8	0.0149 U
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	1.54	11.9	10.4 J+	164	--
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	1.63 J-	12.53	10.9	115	--
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	0.738	12.6	11.9	104	--
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	0.805	24.2	23.4	< 64.3 U	< 0.193 U
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	1.3	10.9	9.64 J-	86.5	0.266 U
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	0.554 U	1.48	0.928 J-	76.5 U	-0.1 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	0.808	12.1	11.3	121	0.169 U
Shallow	Upgradient	AA-BW-12A	49	N	10/24/07	0.567 J	1.32	0.749	--	0.0568 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	0.531 U	1.61	1.08	268	--
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	1.96	2.8	0.839	218	< -0.0227 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	1.27	1.8	0.48 UJ	182	0.107 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	2	2.5	0.549 UJ	211	-0.0485 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	1.86	2.71	0.852	195	-0.0235 U
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	1.25	1.56	0.313 U	163	0.133 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	0.382 J	0.937	0.555 J-	212	-0.0574 U
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	0.308 U	1.24	0.927 J-	232	0.339 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	1.73	4.92	3.19	114	-0.145 U
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	1.77 J	3.58	1.81	90	--
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	1.03	2.88	1.85	230	< 0.0971 U
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	0.796	2.9	2.09	242	0.123 U
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	1.21	3.4	2.19 J+	152	0.172 U
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	0.262 U	1.48	1.22 J-	117	0.035 U
Shallow	Upgradient	EC-2	55a	N	01/22/09	1 U	2.33	1.33	565	-0.12 U
Shallow	Upgradient	EC-2	55c	N	07/27/09	0.811	1.99	1.18	935	--
Shallow	Upgradient	EC-2	55d	N	10/22/09	1.9 J	3.06	1.16	814	--
Shallow	Upgradient	EC-2	55e	N	04/26/10	1.01 J-	1.98	< 0.973 U	711	< -0.0499 U
Shallow	Upgradient	EC-2	55f	N	10/29/10	0.355 U	1.4 U	1 U	628	0.14 U
Shallow	Upgradient	EC-2	55g	N	03/31/11	0.139 U	3.08	2.94 J+	107	0.0174 U
Shallow	Upgradient	EC-2	55h	N	10/27/11	0.465 J	1.81	1.34 J-	563	0.00339 U
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	0.355 U	1.32	0.967	270	--
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< 0.109 U	< 0.71	< 0.6 U	304	< -0.0515 U
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	1.67	2.2	0.502 UJ	219	-0.0249 U

TABLE 2-20
RADIONUCLIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Radium-226	Radium-226/228	Radium-228	Radon-222	Thorium-228
Units						pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
MCL						--	5	--	4000	--
BCL						--	5	--	300	0.11
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	0.327	0.33	0.00149 U	321	-0.0951 U
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	0.299 U	0.425	0.126 U	314	0.286 U
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	0.84	1.54	0.7	--	0.07 U
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	0.742 J	2.31	1.57	--	-0.0219 U
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	2.95	5.04	2.09 J	290	0.0337 U
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	1.68	4.41	2.73	313	--
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	1.49 J-	3.95	2.46	764	--
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	1.09	3.48	2.39	378	--
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	3.41	5.69	2.28	251	< 0.0359 U
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	1.8	5.8	3.97 J-	344	-0.0249 U
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	0.862 U	2.422	1.56	308	0.175 U
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	1.81	4.06	2.25	321	0.217 U
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	0.6	1.81	1.21	--	0.021 U
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	0.54	1.82	1.28	--	0.51
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	0.431 J	1.56	1.13 J	--	0.0838 U
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	1.98	3.55	1.57 J	545	-0.162 U
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	1.42	2.75	1.33 J	533	-0.0748 U
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	2.45	4.34	1.89	517	--
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	0.697 J-	3.01	2.31	533	--
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	0.878	2.12	1.24	558	--
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.406 U	2.06	1.65	439	< 0.0737 U
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	0.927	3	2.09	370 J-	0.116 U
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	0.894	3.79	2.9	497	-0.0278 U
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	1.21	2.93	1.72	398	-0.00407 U
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	0.59	1.67	1.08	--	0.1 U
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	0.659 J	1.8	1.14 J	--	0.0376 U
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	4.6	7.26	2.66	251	-0.229 U
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	1.72	3.99	2.27	306	--
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	1.01 J-	3.07	2.06	383	--
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	1.44	3.56	2.12	249	--
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	0.902 J-	2.58	1.68	226	< -0.21 U
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	0.742	2.5	1.75	192	-0.0792 U
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	1.5	4.56	3.06	315	0.242 U
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	1.02	2.33	1.31	249	-0.232 U
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	0.74	2.45	1.71	--	0.17 U
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	0.144 J	0.85	0.702	--	-0.0479 U
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	8.15	8.72	0.573	340	-0.208 U
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	9.68	10.9	1.21	275	0.00794 U
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	0.346 U	3.79	3.44 J	273	--
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	0.173 U	1.34	1.17 J	228	--
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	0.0796 U	1.68	1.6	645	--
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	1.94 J	3.25	1.31	216 J	--
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	2.38 J	3.34	0.962	791 J	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 0.363 U	1.55	1.19	524	< -0.0398 U
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	0.196 U	1.3	1.14 J	604	0.155 U
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	0.366 U	0.36 U	-0.00464 UJ	612	-0.0322 U

TABLE 2-20
RADIONUCLIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Radium-226	Radium-226/228	Radium-228	Radon-222	Thorium-228
Units						pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
MCL						--	5	--	4000	--
BCL						--	5	--	300	0.11
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	0.851	1.78	0.932	719 J+	-0.0753 U
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	0.688 U	1.97	1.28	661 J+	0.0329 U
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	2.32 J	2.56	0.235 U	727	0.0651 U
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	3.47 J	4.51	1.04	640	0.057 U
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	0.68	1.96	1.28	--	0.009 U
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	0.351 J	1.41	1.06	--	0.0594 U
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	2.36	4.4	2.04	66.4 U	-0.00179 U
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	0.979	2.52	1.54	16.5 U	--
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	0.914	2.01	1.09	120	--
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	2.42 J	4.23	1.81	320 J	--
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	1.68 J	2.79	1.11	543 J	--
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	0.584	1.68	1.1	< 24.7 U	< -0.0459 U
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	0.996	2.8	1.83	-4.67 UJ	-0.00583 U
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	-0.134 U	2.93	3.06	31.3 U	0.0387 U
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	0.438 U	0.896	0.458	-7.59 U	0.0222 U
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	0.29	0.56	0.27 U	--	0.15 U
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	0.12 J	0.91	0.785	--	0.077 U
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	0.411 U	1.03	0.623	766	0.299 U
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	0.227 U	1.23	1 U	726	--
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	0.284	0.78	0.499 U	962	-0.0547 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	2.68 J	3.12	0.444 U	831	--
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	0.722	1.62	0.898	744	< -0.085 U
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	0.431 U	0.63 U	0.198 U	573 J-	-0.027 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	0.774	1.02	0.245 U	661	-0.101 U
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	0.753	0.753	R	711	0.0494 U
Shallow	Downgradient	H-28	55a	N	01/26/09	6.21	7.36	1.15	499	-0.0182 U
Shallow	Downgradient	H-28	55b	N	04/22/09	0.779	1.78	1 U	710	--
Shallow	Downgradient	H-28	55c	N	07/22/09	-0.0889 U	1.16 U	0.763 U	619	--
Shallow	Downgradient	H-28	55c	FD	07/22/09	0.539	0.45	0.392 U	647	--
Shallow	Downgradient	H-28	55d	N	10/20/09	1.84 J	2.3	0.458 U	644	--
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.42 U	1.72	1.3	372	< -0.0264 U
Shallow	Downgradient	H-28	55f	N	10/26/10	1.75	2.8	1.07 J-	669	-0.0207 U
Shallow	Downgradient	H-28	55g	N	03/24/11	1.35	2.37	1.02	656 J+	0.0389 U
Shallow	Downgradient	H-28	55h	N	10/20/11	2.23	2.48	0.245 U	607	0.102 U
Shallow	Downgradient	H-43	55a	N	01/27/09	0.299 U	0.45	0.15 U	449	-0.0853 U
Shallow	Downgradient	H-43	55b	N	04/21/09	0.169 U	0.54	0.37 U	434	--
Shallow	Downgradient	H-43	55c	N	07/30/09	0.915	1.68	0.765 U	684	0.0999 U
Shallow	Downgradient	H-43	55d	N	10/23/09	2.01 J	2.51	0.499 U	688	--
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.482 U	1.42	0.941	576	< -0.174 U
Shallow	Downgradient	H-43	55f	N	10/26/10	0.42	0.56	0.139 UJ	300	-0.15 U
Shallow	Downgradient	H-43	55g	N	03/24/11	2.92	3.74	0.823	730 J+	-0.115 U
Shallow	Downgradient	H-43	55h	N	10/20/11	1.94	2.33	0.393 U	366	0.0245 U
Shallow	Downgradient	M7B	55a	N	02/03/09	0.436	1.71	1.27	257	-0.034 U
Shallow	Downgradient	M7B	55b	N	04/23/09	1.39	2.68	1.29	273	--
Shallow	Downgradient	M7B	55c	N	07/28/09	0.825	4.75	2.5	201	--
Shallow	Downgradient	M7B	55c	FD	07/28/09	1.32	2.15	2.25	177	--

TABLE 2-20
RADIONUCLIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Radium-226	Radium-226/228	Radium-228	Radon-222	Thorium-228
Units						pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
MCL						--	5	--	4000	--
BCL						--	5	--	300	0.11
Shallow	Downgradient	M7B	55d	N	10/28/09	1.41	4.23	2.82	303	--
Shallow	Downgradient	M7B	55e	N	04/22/10	1.11	2.01	0.895	253	< 0.187 U
Shallow	Downgradient	M7B	55f	N	10/28/10	0.993	2.1	1.07	355 J-	0.123 U
Shallow	Downgradient	M7B	55g	N	03/30/11	0.641	2.2	1.56	291	-0.0234 U
Shallow	Downgradient	M-7B	55h	N	10/26/11	0.64	1.99	1.35	235	-0.0201 U
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	0.501 U	4.6	4.13	29.6 U	-0.00267 U
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	1.19	5.64	4.45	-116 U	0.16 U
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	1.66	2.49	0.827	40.9 U	0.0959 U
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	0.326 U	0.65 U	0.328 U	11.3 U	-0.114 U
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	1.2	1.61	0.407 U	248	0.237 U
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	1.42	2.55	1.13	525	0.00304 U
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	0.534 U	2.31	1.78 J	-40.6 U	--
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 1 U	< 1.52	< 0.515 UJ	< -13.2 U	< 0.0313 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	1 U	2	1.01 J-	-27.5 U	0.0773 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	0.565	13.8	13.2 J-	-64.6 U	-0.0187 U
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	0.607	1.23	0.623 U	38.1 U	0.0405 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	1.17	2.8	1.58	131 UJ	0.185 U
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	1.45	3.5	2.05	149	-0.0237 U
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	1.57	3.37	1.8	125	0.132 U
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	2.38	3.5	1.08	689 J-	0.0569 U
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	0.962	2.77	1.81	543	-0.00501 U
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	0.648	2.45	1.8	352	-0.123 U
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	0.316 U	0.82 U	0.499 U	9.19 U	0.0665 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	1.6	2.08	0.48 U	231	-0.018 U
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	0.592	1.27	0.676 J	235	0.0409 U
Deep	Upgradient	MW-8	55f	N	10/22/10	1.29	1.7	0.365 U	1000	0.12 U
Deep	Upgradient	MW-8	55g	N	03/23/11	2.38	2.52	0.144 U	1060	0.193 U
Deep	Upgradient	MW-8	55h	N	10/19/11	1.85	2.67	0.822 J	1180	-0.0203 U
Deep	Downgradient	TR-11	55f	N	10/21/10	0.458	0.59	0.131 U	807	0.107 U
Deep	Downgradient	TR-11	55g	N	03/22/11	0.189 U	0.68	0.494 U	725	-0.0501 U
Deep	Downgradient	TR-11	55h	N	10/18/11	0.848	1.43	0.577	545	0.00272 U
Deep	Downgradient	TR-12	55f	N	10/21/10	0.356	1.2	0.805	593	0.184 U
Deep	Downgradient	TR-12	55g	N	03/22/11	0.487 U	0.87	0.386 U	562	-0.0438 U
Deep	Downgradient	TR-12	55h	N	10/18/11	0.289 U	1.19	0.896	447	0.173 U

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

pCi/L = picoCuries per liter

-- = no sample data.

TABLE 2-20
RADIONUCLIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Thorium-230	Thorium-232	Uranium-233/234	Uranium-235/236	Uranium-238
Units						pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
MCL						--	--	--	--	--
BCL						0.42	0.14	--	--	--
Shallow	Upgradient	AA-BW-08A	30	N	04/15/05	0.03 U	0.002 U	11	0.33	8
Shallow	Upgradient	AA-BW-08A	49	N	10/25/07	0.0527 U	0 U	4.34	0.0552 U	2.96
Shallow	Upgradient	AA-BW-08A	55a	N	01/20/09	0.132 U	0.159 U	4.26	0.213 U	3.45 J
Shallow	Upgradient	AA-BW-08A	55b	N	04/28/09	--	--	--	--	--
Shallow	Upgradient	AA-BW-08A	55b	FD	04/28/09	--	--	--	--	--
Shallow	Upgradient	AA-BW-08A	55c	N	07/29/09	--	--	--	--	--
Shallow	Upgradient	AA-BW-08A	55d	N	10/29/09	--	--	--	--	--
Shallow	Upgradient	AA-BW-08A	55e	N	04/23/10	< 0.132 U	< -0.042 U	4.26	< 0.189 U	2.5
Shallow	Upgradient	AA-BW-08A	55f	N	10/25/10	0.0146 U	-0.0078 U	1.57 J	0.11 U	0.804
Shallow	Upgradient	AA-BW-08A	55g	N	03/25/11	0.273	-0.0271 U	4.88	0.611	2.97 J
Shallow	Upgradient	AA-BW-08A	55h	N	10/21/11	-0.0208 U	-0.0335 U	2.77	0.0917 U	1.45
Shallow	Upgradient	AA-BW-09A	30	N	04/16/05	0.37 U	-0.005 U	92	3.81	67.1
Shallow	Upgradient	AA-BW-09A	49	N	10/29/07	0.114 U	0 U	123	3.05	84.3
Shallow	Upgradient	AA-BW-09A	55a	N	01/20/09	0.0229 U	-0.0865 U	156	5.57	106 J
Shallow	Upgradient	AA-BW-09A	55b	N	04/29/09	--	--	--	--	--
Shallow	Upgradient	AA-BW-09A	55c	N	07/24/09	--	--	--	--	--
Shallow	Upgradient	AA-BW-09A	55d	N	10/29/09	--	--	--	--	--
Shallow	Upgradient	AA-BW-09A	55e	N	04/21/10	< -0.0519 U	< -0.0264 U	172	7.82	115
Shallow	Upgradient	AA-BW-09A	55f	N	10/26/10	-0.0861 U	-0.0078 U	172	9.46	123
Shallow	Upgradient	AA-BW-09A	55g	N	03/28/11	-0.139 U	-0.0402 U	-0.0829 U	0 U	0.0598 U
Shallow	Upgradient	AA-BW-09A	55h	N	10/24/11	0.128 U	0.0775 U	211	6.33	140
Shallow	Upgradient	AA-BW-12A	49	N	10/24/07	-0.0184 U	0 U	0.0937 U	0 U	0.0603 U
Shallow	Upgradient	AA-BW-12A	55d	N	10/13/09	--	--	--	--	--
Shallow	Upgradient	AA-BW-12A	55e	N	04/20/10	< 0.0823 U	< -0.00774 U	0.747	< 0.0949 U	< 0.135 U
Shallow	Upgradient	AA-BW-12A	55f	N	10/25/10	0.618	-0.0281 U	0.325 UJ	0.113 U	0.323 U
Shallow	Upgradient	AA-BW-12A	55f	FD	10/25/10	0.153 U	-0.0078 U	0.364 UJ	-0.0221 U	0.17 U
Shallow	Upgradient	AA-BW-12A	55g	N	03/30/11	0.171 U	0.108 U	0.401	-0.0241 U	0.325
Shallow	Upgradient	AA-BW-12A	55g	FD	03/30/11	0.808	0.24 U	0.744	0.105 U	0.235 U
Shallow	Upgradient	AA-BW-12A	55h	N	10/27/11	-0.154 U	0.048 U	1.22	0 U	0.558
Shallow	Upgradient	AA-BW-12A	55h	FD	10/27/11	0.0178 U	-0.0387 U	0.631	0 U	0.0591 U
Shallow	Upgradient	AA-MW-07	55a	N	01/22/09	0.153 U	0.181 U	6.92	0.425	4.53 J
Shallow	Upgradient	AA-MW-07	55d	N	10/22/09	--	--	--	--	--
Shallow	Upgradient	AA-MW-07	55e	N	05/12/10	< -0.227 U	< -0.0269 U	5.39	< 0.0666 U	4.25
Shallow	Upgradient	AA-MW-07	55f	N	10/29/10	0.0861 U	0.0904 U	5.79	0.0929 U	3.23
Shallow	Upgradient	AA-MW-07	55g	N	03/31/11	0.828 U	-0.0078 U	5.35	0.285 U	4.69
Shallow	Upgradient	AA-MW-07	55h	N	10/27/11	-0.121 U	0.0612 U	5.17	0.1 U	3.58
Shallow	Upgradient	EC-2	55a	N	01/22/09	0.135 U	0.129 U	1.3	0.0647 U	1.18 J
Shallow	Upgradient	EC-2	55c	N	07/27/09	--	--	--	--	--
Shallow	Upgradient	EC-2	55d	N	10/22/09	--	--	--	--	--
Shallow	Upgradient	EC-2	55e	N	04/26/10	< -0.0591 U	< 0.037 U	1.48	< 0.0704 U	1.33
Shallow	Upgradient	EC-2	55f	N	10/29/10	0.335 U	-0.053 U	3.03	0 U	1.28
Shallow	Upgradient	EC-2	55g	N	03/31/11	1.66 J+	0.132 U	302	9.05	202
Shallow	Upgradient	EC-2	55h	N	10/27/11	0.416 U	0.269 U	0.772	-0.0217 U	0.987
Shallow	Upgradient	MCF-BW-11A	55d	N	10/13/09	--	--	--	--	--
Shallow	Upgradient	MCF-BW-11A	55e	N	04/20/10	< -0.0693 U	< -0.00774 U	1.81	< 0.193 U	1.02
Shallow	Upgradient	MCF-BW-11A	55f	N	10/26/10	0.00873 U	-0.0078 U	2.15	0.112 U	1.33

TABLE 2-20
RADIONUCLIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Thorium-230	Thorium-232	Uranium-233/234	Uranium-235/236	Uranium-238
Units						pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
MCL						--	--	--	--	--
BCL						0.42	0.14	--	--	--
Shallow	Upgradient	MCF-BW-11A	55g	N	03/30/11	0.627	-0.0078 U	1.12	0.189 U	1.23
Shallow	Upgradient	MCF-BW-11A	55h	N	10/26/11	0.00258 U	0.0627 U	1.51	0.113 U	1.73
Shallow	Crossgradient	AA-BW-01A	30	N	04/21/05	0.14 U	0.002 U	14.7	0.5	10.8
Shallow	Crossgradient	AA-BW-01A	49	N	10/24/07	0.0427 U	0 U	11.4	0.431	8.83
Shallow	Crossgradient	AA-BW-01A	55a	N	01/19/09	0.0358 U	-0.019 U	9.87	0.708	9.63 J
Shallow	Crossgradient	AA-BW-01A	55b	N	04/27/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-01A	55c	N	07/20/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-01A	55d	N	10/26/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-01A	55e	N	04/20/10	< 0.133 U	< -0.00774 U	11.8	< 0.101 U	8.82
Shallow	Crossgradient	AA-BW-01A	55f	N	10/26/10	-0.15 U	-0.0078 U	12.1	0.295 U	8.56
Shallow	Crossgradient	AA-BW-01A	55g	N	03/25/11	0.28 U	0.0415 U	11	0.483	7.48 J
Shallow	Crossgradient	AA-BW-01A	55h	N	10/21/11	-0.098 U	-0.0287 U	10.9	0.0543 U	8.77
Shallow	Crossgradient	AA-BW-02A	30	N	04/14/05	0.15 U	-0.004 U	28.1	1.16	20.5
Shallow	Crossgradient	AA-BW-02A	30	FD	04/14/05	0.077 U	0.05 U	27.9	0.76	20
Shallow	Crossgradient	AA-BW-02A	49	N	10/29/07	0.0586 U	0 U	23.4	0.736	17.6
Shallow	Crossgradient	AA-BW-02A	55a	N	01/19/09	0.118 U	-0.0672 U	25.5	1.47	16.6 J
Shallow	Crossgradient	AA-BW-02A	55a	FD	01/30/09	0.0634 U	-0.019 U	23.5	1.55	19.2 J
Shallow	Crossgradient	AA-BW-02A	55b	N	04/27/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-02A	55c	N	07/20/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-02A	55d	N	10/26/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-02A	55e	N	04/21/10	< 0.329 U	< -0.0648 U	23.4	< 0.231 U	18.4
Shallow	Crossgradient	AA-BW-02A	55f	N	10/27/10	0.00283 U	-0.0655 U	24.7	1.98	15.9
Shallow	Crossgradient	AA-BW-02A	55g	N	03/29/11	0.0288 U	0.0639 U	26.5 J	1.24	17.7
Shallow	Crossgradient	AA-BW-02A	55h	N	10/25/11	-0.149 U	-0.0268 U	22.8	0.876	18.4
Shallow	Crossgradient	AA-BW-03A	30	N	04/13/05	0.23 U	0.06 U	29.6	0.95	22.1
Shallow	Crossgradient	AA-BW-03A	49	N	10/26/07	0.416 J	0 U	29.5	0.651	19.5
Shallow	Crossgradient	AA-BW-03A	55a	N	01/21/09	-0.19 U	0.115 U	27.2	1.86	20.4 J
Shallow	Crossgradient	AA-BW-03A	55b	N	04/28/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-03A	55c	N	07/23/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-03A	55d	N	10/27/09	--	--	--	--	--
Shallow	Crossgradient	AA-BW-03A	55e	N	04/26/10	< 0.148 U	< -0.0304 U	24.1	0.896	21.1
Shallow	Crossgradient	AA-BW-03A	55f	N	10/28/10	0.246 U	0.143 U	26.2	1.87	18.2
Shallow	Crossgradient	AA-BW-03A	55g	N	03/29/11	0.0936 U	0.0546 U	26.3 J	0.744	18.2
Shallow	Crossgradient	AA-BW-03A	55h	N	10/25/11	0.144 U	0.0861 U	22.6	1.16	15.5
Shallow	Downgradient	AA-BW-04A	30	N	04/19/05	0.19 U	-0.014 U	25	1.13	17.7
Shallow	Downgradient	AA-BW-04A	49	N	10/23/07	0.0776 U	0 U	11.7	0.349	9.24
Shallow	Downgradient	AA-BW-04A	55a	N	01/26/09	0.162 U	-0.0332 U	10	0.785	8.75 J
Shallow	Downgradient	AA-BW-04A	55a	FD	01/26/09	0.3	0.0881 U	10.8	1.36	8.45 J
Shallow	Downgradient	AA-BW-04A	55b	N	04/20/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-04A	55b	FD	04/20/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-04A	55c	N	07/21/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-04A	55d	N	10/21/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-04A	55d	FD	10/21/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-04A	55e	N	05/12/10	< 0.0857 U	< 0.0655 U	8.28	< 0.185 U	6.28
Shallow	Downgradient	AA-BW-04A	55f	N	10/28/10	0.738	-0.0322 U	7.97	0.31 U	5.82
Shallow	Downgradient	AA-BW-04A	55f	FD	10/28/10	0.0523 U	-0.0391 U	7.9	0.483	5.35

TABLE 2-20
RADIONUCLIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Thorium-230	Thorium-232	Uranium-233/234	Uranium-235/236	Uranium-238
Units						pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
MCL						--	--	--	--	--
BCL						0.42	0.14	--	--	--
Shallow	Downgradient	AA-BW-04A	55g	N	03/24/11	-0.00927 U	-0.0078 U	8.39	0.266 U	5.85 J
Shallow	Downgradient	AA-BW-04A	55g	FD	03/24/11	0.0449 U	0.0248 U	8.16	0.0471 U	5.32 J
Shallow	Downgradient	AA-BW-04A	55h	N	10/20/11	0.2 U	0.0368 U	6.82	0.147 U	7.55
Shallow	Downgradient	AA-BW-04A	55h	FD	10/20/11	0.141 U	-0.0358 U	7.46	0.436	6.06
Shallow	Downgradient	AA-BW-05A	30	N	04/19/05	0.067 U	-0.012 U	4.47	0.14	3.08
Shallow	Downgradient	AA-BW-05A	49	N	10/23/07	-0.0145 U	0 U	6.07	0.0944 U	4.37
Shallow	Downgradient	AA-BW-05A	55a	N	01/23/09	0.205	-0.0351 U	6.1	0.381 U	4.44 J
Shallow	Downgradient	AA-BW-05A	55b	N	04/21/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-05A	55c	N	07/21/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-05A	55d	N	10/20/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-05A	55d	FD	10/20/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-05A	55e	N	05/12/10	< -0.067 U	< -0.00774 U	7.18	0.56	4.88
Shallow	Downgradient	AA-BW-05A	55f	N	10/27/10	0.0837 U	0.0589 U	11	0.975	7.83
Shallow	Downgradient	AA-BW-05A	55g	N	03/24/11	0.334	-0.0264 U	8.64	0.6	8.74 J
Shallow	Downgradient	AA-BW-05A	55h	N	10/20/11	0.162 U	-0.03 U	7.44	0.0702 U	5.42
Shallow	Downgradient	AA-BW-06A	30	N	04/19/05	0.52 U	0.03 U	4.52	0.17 U	3.25
Shallow	Downgradient	AA-BW-06A	49	N	10/23/07	0.0416 U	0 U	0.745 J	-0.0141 U	0.872 J
Shallow	Downgradient	AA-BW-06A	55a	N	01/27/09	0.291 U	-0.0164 U	1 U	0.175 U	0.435
Shallow	Downgradient	AA-BW-06A	55b	N	04/22/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-06A	55c	N	07/30/09	0.0284 U	-0.0622 U	0.515 U	0.0961 U	0.171 U
Shallow	Downgradient	AA-BW-06A	55d	N	10/23/09	--	--	--	--	--
Shallow	Downgradient	AA-BW-06A	55e	N	05/12/10	< 0.0328 U	< 0.0723 U	0.809	< 0.332 U	0.626
Shallow	Downgradient	AA-BW-06A	55f	N	10/27/10	0.187 U	-0.0078 U	0.224 U	0.11 U	0.49 U
Shallow	Downgradient	AA-BW-06A	55g	N	03/30/11	1.04	0.15 U	1.01	0 U	0.457
Shallow	Downgradient	AA-BW-06A	55h	N	10/28/11	0.0525 U	0.0642 U	0.34	0.0438 U	0.682
Shallow	Downgradient	H-28	55a	N	01/26/09	0.349	0.0397 U	29.8	1.45	23.2 J
Shallow	Downgradient	H-28	55b	N	04/22/09	--	--	--	--	--
Shallow	Downgradient	H-28	55c	N	07/22/09	--	--	--	--	--
Shallow	Downgradient	H-28	55c	FD	07/22/09	--	--	--	--	--
Shallow	Downgradient	H-28	55d	N	10/20/09	--	--	--	--	--
Shallow	Downgradient	H-28	55e	N	04/21/10	< 0.0308 U	< -0.00774 U	31.3	1.78	23
Shallow	Downgradient	H-28	55f	N	10/26/10	0.382	-0.0255 U	31.4	1.96	24
Shallow	Downgradient	H-28	55g	N	03/24/11	0.376 U	0.23 U	30.9	1.12	24.8 J
Shallow	Downgradient	H-28	55h	N	10/20/11	0.688	-0.0309 U	29.7	1.88	23.5
Shallow	Downgradient	H-43	55a	N	01/27/09	0.222 U	0.0565 U	-0.03 U	0.0754 U	0.299
Shallow	Downgradient	H-43	55b	N	04/21/09	--	--	--	--	--
Shallow	Downgradient	H-43	55c	N	07/30/09	0.198 U	-0.0188 U	0.593 U	-0.056 U	0.31 U
Shallow	Downgradient	H-43	55d	N	10/23/09	--	--	--	--	--
Shallow	Downgradient	H-43	55e	N	05/11/10	< 0.14 U	< -0.0216 U	< 0.106 U	< 0.267 U	< 0.144 U
Shallow	Downgradient	H-43	55f	N	10/26/10	0.0459 U	-0.0078 U	0.33 U	0.18 U	0.166 U
Shallow	Downgradient	H-43	55g	N	03/24/11	0.691	-0.0397 U	-0.0277 U	0.0713 U	0.152 UJ
Shallow	Downgradient	H-43	55h	N	10/20/11	0.557 U	-0.0078 U	0.376	0.162 U	0.0565 U
Shallow	Downgradient	M7B	55a	N	02/03/09	0.091 U	0.0834 U	15.7	0.527	13.2
Shallow	Downgradient	M7B	55b	N	04/23/09	--	--	--	--	--
Shallow	Downgradient	M7B	55c	N	07/28/09	--	--	--	--	--
Shallow	Downgradient	M7B	55c	FD	07/28/09	--	--	--	--	--

TABLE 2-20
RADIONUCLIDE RESULTS
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Water-Bearing Zone	Location	Well ID	DVSR	Sample Type	Sample Date	Thorium-230	Thorium-232	Uranium-233/234	Uranium-235/236	Uranium-238
Units						pCi/L	pCi/L	pCi/L	pCi/L	pCi/L
MCL						--	--	--	--	--
BCL						0.42	0.14	--	--	--
Shallow	Downgradient	M7B	55d	N	10/28/09	--	--	--	--	--
Shallow	Downgradient	M7B	55e	N	04/22/10	< 0.04 U	< 0.0495 U	21.9	1.28	14.2
Shallow	Downgradient	M7B	55f	N	10/28/10	0.758 U	0.16 U	20.4	0.994	16.4
Shallow	Downgradient	M7B	55g	N	03/30/11	-0.094 U	0.068 U	19.6	0.368 U	14.7
Shallow	Downgradient	M-7B	55h	N	10/26/11	-0.0701 U	0.0523 U	24.5	1.25	18.8
Middle	Upgradient	MC-MW-10	55f	N	10/29/10	-0.151 U	0.0508 U	23.6	0.379	16.5
Middle	Upgradient	MC-MW-10	55g	N	03/25/11	0.373 U	-0.0078 U	30.1	1.18	17 J
Middle	Upgradient	MC-MW-10	55h	N	10/21/11	0.277 U	-0.0298 U	26.8	1.33	16.1
Middle	Upgradient	MC-MW-11	55f	N	10/29/10	0.323	0.0594 U	1.55	-0.0262 U	0.774
Middle	Upgradient	MC-MW-11	55g	N	03/25/11	0.145 U	-0.0078 U	1.17	0.053 U	1.11 J
Middle	Upgradient	MC-MW-11	55h	N	10/21/11	0.389 U	0.0593 U	2.02	-0.0182 U	1.01
Middle	Upgradient	MC-MW-12	55d	N	11/17/09	--	--	--	--	--
Middle	Upgradient	MC-MW-12	55e	N	04/27/10	< 0.171 U	< -0.0228 U	< 0.244 U	< 0.278 U	< 0.15 U
Middle	Upgradient	MC-MW-12	55f	N	10/25/10	-0.234 U	0.198 U	-0.149 UJ	0.208 U	0.128 U
Middle	Upgradient	MC-MW-12	55g	N	03/28/11	0.166 U	-0.0241 U	186	7.56	136
Middle	Upgradient	MC-MW-12	55h	N	10/24/11	-0.124 U	0.0569 U	0.137 U	0 U	0 U
Middle	Downgradient	MC-MW-30	55f	N	10/27/10	0.147 U	0.0867 U	3.35	0.096 U	2.84
Middle	Downgradient	MC-MW-30	55g	N	03/29/11	0.2 U	-0.0078 U	4.26 J	0.143 U	1.76
Middle	Downgradient	MC-MW-30	55h	N	10/25/11	0.742	0.236 U	3.44	0.0501 U	2.49
Middle	Downgradient	MC-MW-31	55f	N	10/27/10	-0.0851 U	-0.0078 U	1.63	0 U	0.769
Middle	Downgradient	MC-MW-31	55g	N	03/29/11	-0.0182 U	0.0558 U	1.4 J	0 U	1.16
Middle	Downgradient	MC-MW-31	55h	N	10/25/11	-0.0409 U	0.0561 U	0.894	0.0531 U	0.735
Deep	Upgradient	DMC-MW-28	55f	N	10/22/10	0.0739 U	-0.0304 U	0.0859 UJ	-0.06 U	0 U
Deep	Upgradient	DMC-MW-28	55g	N	03/23/11	-0.0319 U	-0.0078 U	0.744	0.148 U	0.397 UJ
Deep	Upgradient	DMC-MW-28	55h	N	10/19/11	-0.0134 U	-0.0284 U	0.502	0.148 U	0.279 U
Deep	Upgradient	MW-8	55f	N	10/22/10	0.133 U	-0.0078 U	0.785 UJ	0.167 U	1.42
Deep	Upgradient	MW-8	55g	N	03/23/11	0.358	-0.0233 U	2.4	0.0814 U	0.89 J
Deep	Upgradient	MW-8	55h	N	10/19/11	-0.0483 U	-0.0078 U	1.5	0.046 U	1.53
Deep	Downgradient	TR-11	55f	N	10/21/10	-0.0554 U	-0.0078 U	1.35 J	0.269 U	1.25
Deep	Downgradient	TR-11	55g	N	03/22/11	0.214 U	0.179 U	2.12	0.0605 U	0.847
Deep	Downgradient	TR-11	55h	N	10/18/11	0.0682 U	0.0564 U	1.4	0.279	1.67
Deep	Downgradient	TR-12	55f	N	10/21/10	0.597	-0.0078 U	1.49 J	0 U	1.38
Deep	Downgradient	TR-12	55g	N	03/22/11	-0.00644 U	0.214 U	1.45	0.193 U	0.846
Deep	Downgradient	TR-12	55h	N	10/18/11	-0.145 U	-0.0281 U	0.95	0.139 U	1.12

Note: This table includes all data, regardless of date. Because of this, the total number of analyses does not always coincide with the total number of analyses reported in Tables 4-1a,b,c,d; Tables 5-1a,b,c,d; and Tables 6-1a,b,c,d.

pCi/L = picoCuries per liter

-- = no sample data.

TABLE 3-1
CURRENT AND HISTORICAL GROUNDWATER ELEVATION DATA
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Well ID	Well Installation Date	Surface Elevation (ft.-amsl)	Northing	Easting	Top of Casing Elevation (ft.-amsl)	Date Measured	Depth to Water (ft.-btoc)	Ground water Elevation (ft.-amsl)
AA-BW-01A	03/10/05	1752.84	26719802.79	826112.39	1754.56	4/1/2005	39.18	1715.38
						10/22/2007	39.97	1714.59
						1/19/2009	39.68	1714.88
						4/27/2009	39.71	1714.85
						7/20/2009	39.88	1714.68
						10/26/2009	39.70	1714.86
						4/20/2010	39.11	1715.45
						10/26/2010	38.90	1715.66
						3/25/2011	39.14	1715.42
						10/21/2011	38.99	1715.57
AA-BW-02A	03/08/05	1746.78	26720214.67	826041.40	1748.80	4/1/2005	41.78	1707.02
						10/22/2007	41.79	1707.01
						1/19/2009	41.61	1707.19
						4/27/2009	41.96	1706.84
						7/20/2009	41.63	1707.17
						10/26/2009	41.53	1707.27
						4/21/2010	41.12	1707.68
						10/27/2010	40.99	1707.81
						3/29/2011	41.13	1707.67
						10/25/2011	41.08	1707.72
AA-BW-03A	03/02/05	1739.48	26720593.46	825973.66	1741.63	4/1/2005	39.86	1701.77
						10/22/2007	39.85	1701.78
						1/21/2009	39.67	1701.96
						4/28/2009	39.85	1701.78
						7/23/2009	39.61	1702.02
						10/27/2009	39.66	1701.97
						4/26/2010	39.41	1702.22
						10/28/2010	39.41	1702.22
						3/29/2011	39.41	1702.22
						10/25/2011	39.34	1702.29
AA-BW-04A	02/24/05	1729.47	26721142.81	825492.25	1731.49	4/1/2005	38.18	1693.31
						10/22/2007	38.53	1692.96
						1/26/2009	38.17	1693.32
						4/20/2009	37.95	1693.54
						7/21/2009	37.81	1693.68
						10/21/2009	38.25	1693.24
						4/21/2010	38.35	1693.14
						10/28/2010	38.47	1693.02
						3/24/2011	38.42	1693.07
						10/20/2011	38.51	1692.98

TABLE 3-1
CURRENT AND HISTORICAL GROUNDWATER ELEVATION DATA
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Well ID	Well Installation Date	Surface Elevation (ft.-amsl)	Northing	Easting	Top of Casing Elevation (ft.-amsl)	Date Measured	Depth to Water (ft.-btoc)	Ground water Elevation (ft.-amsl)
AA-BW-05A	02/12/05	1729.21	26721183.83	825065.41	1731.40	4/1/2005	35.31	1696.09
						10/22/2007	34.08	1697.32
						1/23/2009	33.77	1697.63
						4/21/2009	33.60	1697.80
						7/21/2009	33.65	1697.75
						10/20/2009	33.73	1697.67
						4/22/2010	33.46	1697.94
						10/27/2010	33.27	1698.13
						3/24/2011	33.27	1698.13
						10/20/2011	33.29	1698.11
AA-BW-06A	03/10/05	1729.28	26721238.26	824476.16	1731.40	4/1/2005	34.22	1697.18
						10/22/2007	33.40	1698.00
						1/27/2009	32.89	1698.51
						4/22/2009	32.63	1698.77
						7/30/2009	32.76	1698.64
						10/23/2009	32.72	1698.68
						4/23/2010	32.34	1699.06
						10/27/2010	31.85	1699.55
						3/30/2011	31.98	1699.42
						10/28/2011	31.90	1699.50
AA-BW-08A	03/15/05	1761.28	26719492.77	825332.70	1763.18	4/1/2005	51.80	1711.38
						10/22/2007	51.18	1712.00
						1/20/2009	51.09	1712.09
						4/16/2009	50.92	1712.26
						4/28/2009	50.89	1712.29
						7/29/2009	50.87	1712.31
						10/29/2009	50.76	1712.42
						4/23/2010	51.07	1712.11
						10/25/2010	49.91	1713.27
						3/25/2011	50.90	1712.28
AA-BW-09A	03/11/05	1761.59	26719455.90	825703.31	1763.12	10/21/2011	50.94	1712.24
						4/1/2005	48.37	1714.75
						10/22/2007	48.92	1714.20
						1/20/2009	48.82	1714.30
						4/29/2009	48.75	1714.37
						7/24/2009	48.80	1714.32
						10/29/2009	48.70	1714.42
						4/21/2010	48.39	1714.73
						10/26/2010	48.15	1714.97
						3/28/2011	48.23	1714.89
						10/24/2011	48.29	1714.83

TABLE 3-1
CURRENT AND HISTORICAL GROUNDWATER ELEVATION DATA
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Well ID	Well Installation Date	Surface Elevation (ft.-amsl)	Northing	Easting	Top of Casing Elevation (ft.-amsl)	Date Measured	Depth to Water (ft.-btoc)	Ground water Elevation (ft.-amsl)
AA-BW-12A	02/15/05	1776.54	26718772.36	824440.21	1778.54	4/1/2005	53.07	1725.47
						10/22/2007	51.53	1727.01
						4/16/2009	50.81	1727.73
						11/13/2009	50.44	1728.10
						4/20/2010	50.21	1728.33
						10/25/2010	50.14	1728.40
						3/30/2011	50.16	1728.38
						10/27/2011	50.12	1728.42
AA-MW-07	9/12/06	1761.91	26719344.40	826126.54	1764.22	1/22/2009	38.85	1725.37
						4/15/2009	38.71	1725.51
						4/24/2009	38.67	1725.55
						7/27/2009	38.84	1725.38
						10/22/2009	38.59	1725.63
						4/23/2010	37.98	1726.24
						10/29/2010	38.03	1726.19
						3/31/2011	38.27	1725.95
EC-2	2/10/98	1770.00	26719453.56	825069.70	1771.43	10/27/2011	38.02	1726.20
						1/22/2009	56.19	1715.24
						1/28/2009	56.20	1715.23
						4/14/2009	56.03	1715.40
						4/15/2009	56.07	1715.36
						4/24/2009	55.98	1715.45
						7/27/2009	56.06	1715.37
						10/22/2009	55.94	1715.49
						4/26/2010	55.73	1715.70
						10/29/2010	55.68	1715.75
H-28	2/18/80	1729.10	26721024.80	825845.21	1732.90	3/31/2011	53.71	1717.72
						10/27/2011	55.75	1715.68
						1/24/2009	39.03	1693.87
						1/28/2009	39.05	1693.85
						4/13/2009	38.75	1694.15
						4/22/2009	38.73	1694.17
						7/22/2009	38.60	1694.30
						10/20/2009	38.96	1693.94
						4/21/2010	39.00	1693.90
						10/26/2010	39.33	1693.57
						3/24/2011	39.25	1693.65
						10/20/2011	39.52	1693.38

TABLE 3-1
CURRENT AND HISTORICAL GROUNDWATER ELEVATION DATA
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Well ID	Well Installation Date	Surface Elevation (ft.-amsl)	Northing	Easting	Top of Casing Elevation (ft.-amsl)	Date Measured	Depth to Water (ft.-btoc)	Ground water Elevation (ft.-amsl)
H-43	2/28/80	1728.20	26721179.60	824660.68	1731.22	1/27/2009	32.62	1698.60
						4/13/2009	32.40	1698.82
						4/21/2009	32.41	1698.81
						7/30/2009	32.47	1698.75
						10/28/2009	32.49	1698.73
						4/23/2010	32.10	1699.12
						10/26/2010	31.78	1699.44
						3/24/2011	31.81	1699.41
						10/20/2011	31.82	1699.40
M7B	12/1/98	1730.35	26720979.66	826106.50	1732.83	1/28/2009	36.17	1696.66
						4/23/2009	36.09	1696.74
						7/28/2009	36.11	1696.72
						10/28/2009	36.23	1696.60
						4/22/2010	35.94	1696.89
						10/28/2010	36.07	1696.76
						3/30/2011	36.04	1696.79
						10/26/2011	36.01	1696.82
MC-MW-10	9/21/06	1801.21	26717919.06	825523.88	1803.91	1st Qtrr 2009	WNM	--
						4/15/2009	56.83	1747.08
						7/15/2009	56.49	1747.42
						10/14/2009	55.99	1747.92
						5/5/2010	56.48	1747.43
						10/29/2010	56.71	1747.20
						3/25/2011	56.52	1747.39
						10/21/2011	56.68	1747.23
MC-MW-11	9/26/06	1801.94	26717766.00	824860.15	1804.50	1st Qtrr 2009	WNM	--
						4/15/2009	57.91	1746.59
						7/15/2009	57.60	1746.90
						10/14/2009	56.97	1747.53
						4/26/2010	57.55	1746.95
						10/29/2010	58.15	1746.35
						3/25/2011	57.73	1746.77
						10/21/2011	57.98	1746.52
MC-MW-12	11/13/06	1797.38	26717903.04	826293.89	1800.04	1st Qtrr 2009	WNM	--
						4/15/2009	41.54	1758.50
						7/15/2009	41.69	1758.35
						11/17/2009	41.33	1758.71
						4/27/2010	41.38	1758.66
						10/25/2010	41.87	1758.17
						3/28/2011	41.58	1758.46
						10/24/2011	40.99	1759.05

TABLE 3-1
CURRENT AND HISTORICAL GROUNDWATER ELEVATION DATA
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CAMU AREA, CLARK COUNTY, NEVADA
 (Page 5 of 6)

Well ID	Well Installation Date	Surface Elevation (ft.-amsl)	Northing	Easting	Top of Casing Elevation (ft.-amsl)	Date Measured	Depth to Water (ft.-btoc)	Ground water Elevation (ft.-amsl)
DMC-MW-28	6/24/09	1760.62	26719450.04	825775.48	1763.03	1st Qtrtr 2009	WNM	--
						2nd Qtrtr 2009	WNM	--
						3rd Qtrtr 2009	WNM	--
						10/13/2009	-18.48	1781.51
						4/29/2010	0.00	1763.03
						10/22/2010	0.00	1763.03
						3/23/2011	0.00	1763.03
						10/19/2011	0.00	1763.03
MC-MW-30	6/5/09	1715.64	26721948.80	825000.22	1718.23	1st Qtrtr 2009	WNM	--
						2nd Qtrtr 2009	WNM	--
						7/15/2009	26.18	1692.05
						10/12/2009	26.82	1691.41
						4/28/2010	27.40	1690.83
						10/27/2010	27.78	1690.45
						3/29/2011	27.05	1691.18
						10/25/2011	27.35	1690.88
MC-MW-31	6/4/09	1714.47	26722161.64	824775.80	1716.85	1st Qtrtr 2009	WNM	--
						2nd Qtrtr 2009	WNM	--
						7/15/2009	28.66	1688.19
						10/12/2009	29.16	1687.69
						4/28/2010	29.61	1687.24
						10/27/2010	29.86	1686.99
						3/29/2011	29.34	1687.51
						10/25/2011	29.57	1687.28
MCF-BW-11A	3/23/05	1776.18	26718693.95	824044.54	1778.38	1st Qtrtr 2009	WNM	--
						4/16/2009	48.55	1729.83
						11/13/2009	48.03	1730.35
						4/20/2010	47.98	1730.40
						10/26/2010	47.62	1730.76
						3/30/2011	47.56	1730.82
						10/26/2011	47.60	1730.78
MW-8	8/27/04	1800.95	26717925.04	825564.56	1803.63	1st Qtrtr 2009	WNM	--
						2nd Qtrtr 2009	WNM	--
						7/15/2009	-2.31	1805.94
						10/14/2009	0.00	1803.63
						4/27/2010	0.00	1803.63
						10/22/2010	0.00	1803.63
						3/23/2011	0.00	1803.63
						10/19/2011	0.00	1803.63

TABLE 3-1
CURRENT AND HISTORICAL GROUNDWATER ELEVATION DATA
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Well ID	Well Installation Date	Surface Elevation (ft.-amsl)	Northing	Easting	Top of Casing Elevation (ft.-amsl)	Date Measured	Depth to Water (ft.-btoc)	Ground water Elevation (ft.-amsl)
TR-11	10/1/99	1714.80	26721918.29	825422.57	1717.12	1st Qtrtr 2009	WNL	- -
						4/15/2009	-9.23	1726.35
						7/15/2009	-6.93	1724.05
						10/13/2009	-9.23	1726.35
						4/26/2010	0.00	1717.12
						10/21/2010	0.00	1717.12
						3/22/2011	0.00	1717.12
						10/18/2011	0.00	1717.12
TR-12	10/1/99	1693.44	26723271.82	825286.37	1695.84	1st Qtrtr 2009	WNL	- -
						4/16/2009	-4.61	1700.45
						7/15/2009	-27.72	1723.56
						10/13/2009	-30.03	1725.87
						4/26/2010	1.00	1694.84
						10/21/2010	1.16	1694.68
						3/22/2011	1.31	1694.53
						10/18/2011	1.78	1694.06

Notes:

amsl - Above mean sea level

btoc = Below top of casing

ft - feet

WNL - Well Not Located

WNL - Well Not Measured

TABLE 4-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – APRIL/MAY 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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TABLE 4-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – APRIL/MAY 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL	
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Semivolatile Organic Compounds	Benzoic acid	µg/L	15	0%	15	5.08	5.7	5.7	83	5.8	583	0	--	--	--	--	--	--	--	--	150000	--
	Benzyl alcohol	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	15	0%	15	2.54	2.8	2.8	41	2.9	291	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	15	6.7%	14	1.69	1.9	1.9	29	2	194	1	4.9	--	4.9	4.9	--	4.9	6	0	6	0
	bis(p-Chlorophenyl)disulfide	µg/L	15	33.3%	10	2.8	3	3.1	35	3.3	320	5	28.2	40	65	860	2100	2310	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	15	0%	15	2.8	3.1	3.1	45	3.2	320	0	--	--	--	--	--	--	--	--	--	--
	Butylbenzyl phthalate	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	15	0%	15	0.169	0.19	0.19	2.7	0.19	19.4	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	370000	--
	Di-n-butyl phthalate	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	15	0%	15	2.54	2.8	2.8	41	2.9	291	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	15	33.3%	10	2.8	3.1	3.1	35	3.3	320	5	8.38	8.7	40	650	1600	3050	--	--	--	--
	Diphenyl sulfide	µg/L	15	0%	15	2.8	3.1	3.1	45	3.2	320	0	--	--	--	--	--	--	--	--	--	--
	Diphenylamine	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	15	0%	15	0.169	0.19	0.19	2.7	0.19	19.4	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	15	0%	15	0.169	0.19	0.19	2.7	0.19	19.4	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	15	0%	15	2.8	3.1	3.1	45	3.2	320	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	15	0%	15	2.54	2.8	2.8	41	2.9	291	0	--	--	--	--	--	--	--	--	180	--
	Naphthalene	µg/L	15	6.7%	14	0.254	0.28	0.28	4.4	0.3	29.1	1	2.45	--	2.5	2.5	--	2.45	--	--	0.14	1
	Nitrobenzene	µg/L	15	0%	15	2.54	2.8	2.8	41	2.9	291	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	15	0%	15	2.8	3.1	3.1	45	3.2	320	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	15	0%	15	1.69	1.9	1.9	27	1.9	194	0	--	--	--	--	--	--	--	--	29	--
	Pentachlorophenol	µg/L	15	6.7%	14	1.69	1.9	1.9	29	2	194	1	6.35	--	6.4	6.4	--	6.35	1	1	1	1
	Phenol	µg/L	15	13.3%	13	0.847	0.94	0.94	16	1	97.1	2	1.13	--	1.5	1.5	--	1.86	--	--	11000	0
	Phenyl sulfone	µg/L	15	0%	15	2.8	3.1	3.1	45	3.2	320	0	--	--	--	--	--	--	--	--	110	--
	Pyridine	µg/L	15	0%	15	0.847	0.94	0.94	14	0.96	97.1	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	15	26.7%	11	5.59	6.2	6.2	120	7	641	4	8	8.1	9.3	11	17	19	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	13	0%	13	0.09	0.09	0.09	0.78	0.09	9	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	15	0%	15	0.067	0.067	0.067	0.51	0.067	6.7	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	15	0%	15	0.098	0.098	0.098	0.74	0.098	9.8	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	15	53.3%	7	0.063	0.063	0.063	0.95	0.063	6.3	8	0.11	0.38	2.8	3.9	5.5	14	5	3	5	3
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	15	0%	15	0.079	0.079	0.079	0.6	0.079	7.9	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	15	93.3%	1	0.068	--	0.068	0.068	--	0.068	14	1.5	6.7	13	29	60	93	--	--	2.4	13
	1,1-Dichloroethene	µg/L	15	66.7%	5	0.051	0.051	0.051	1.1	2.6	5.1	10	0.065	0.22	0.47	0.55	0.78	1.3	7	0	7	0
	1,1-Dichloropropene	µg/L	15	6.7%	14	0.043	0.043	0.043	0.35	0.043	4.3	1	0.95	--	0.95	0.95	--	0.95	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	15	60.0%	6	0.063	0.063	0.063	0.063	0.063	0.063	9	0.34	3.5	18	31	51	120	--	--	--	--
	1,2,3-Trichloropropane	µg/L	15	0%	15	0.15	0.15	0.15	1.1	0.15	15	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	15	60.0%	6	0.052	0.052	0.052	0.052	0.052	0.052	9	1.1	19	82	220	240	1200	70	5	70	5
	1,2,4-Trimethylbenzene	µg/L	15	46.7%	8	0.041	0.041	0.041	0.041	0.041	0.041	7	0.093	0.1	0.12	1.1	1.1	5.6	--	--	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	15	0%	15	0.41	0.41	0.41	3.1	0.41	41	0	--	--	--	--	--	--	(blank)	--	(blank)	--
	1,2-Dichlorobenzene	µg/L	15	100%	0	--	--	--	--	--	--	15	0.094	6.3	170	560	1300	2700	600	5	600	5
	1,2-Dichloroethane	µg/L	15	73.3%	4	0.1	0.1	0.1	2.6	7.5	10	11	2.1	4.5	12	25	50	70	5	8	5	8
	1,2-Dichloroethene (total)	µg/L	15	26.7%	11	0.13	0.13	0.13	1.3	0.13	13	4	0.15	0.22	0.48	0.48	0.73	0.8	--	--	--	--
	1,2-Dichloropropane	µg/L	15	33.3%	10	0.097	0.097	0.097	1.1	0.097	9.7	5	0.13	0.16	0.19	0.24	0.35	0.45	5	0	5	0
	1,3,5-Trichlorobenzene	µg/L	15	33.3%	10	0.13	0.13	0.13	1.4	0.13	13	5	0.36	0.49	1.7	1.7	2.9	3.4	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	15	13.3%	13	0.046	0.046	0.046	0.4	0.046	4.6	2	0.31	--	0.44	0.44	--	0.56	--	--	15	0
	1,3-Dichlorobenzene	µg/L	15	80.0%	3	0.045	0.045	0.045	0.045	0.045	0.045	12	0.15	0.78	6.4	33	51	150	--	--	87	2
	1,3-Dichloropropane	µg/L	13	0%	13	0.072	0.072	0.072	0.62	0.072	7.2	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	15	100%	0	--	--	--	--	--	--	15	0.13	7.2	190	810	1700	4000	75	9	75	9

TABLE 4-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – APRIL/MAY 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL	
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max			
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	15	6.7%	14	0.14	0.14	0.14	1.1	0.14	14	1	0.97	--	0.97	0.97	--	0.97	--	--	--
	2,2-Dichloropropane	µg/L	15	0%	15	0.12	0.12	0.12	0.91	0.12	12	0	--	--	--	--	--	--	--	--	--
	2,2-Dimethylpentane	µg/L	15	6.7%	14	0.14	0.14	0.14	1.1	0.14	14	1	0.35	--	0.35	0.35	--	0.35	--	--	--
	2,3-Dimethylpentane	µg/L	15	26.7%	11	0.11	0.11	0.11	1.1	0.11	11	4	0.18	0.24	3.2	59	170	230	--	--	--
	2,4-Dimethylpentane	µg/L	15	13.3%	13	0.17	0.17	0.17	1.5	0.17	17	2	0.45	--	1.2	1.2	--	1.9	--	--	--
	2-Chlorotoluene	µg/L	15	66.7%	5	0.053	0.053	0.053	1.1	2.7	5.3	10	0.063	0.084	0.45	1.7	1.7	11	--	--	91
	2-Hexanone	µg/L	13	0%	13	0.22	0.22	0.22	1.9	0.22	22	0	--	--	--	--	--	--	--	--	63
	2-Methylhexane	µg/L	15	33.3%	10	0.16	0.16	0.16	1.7	0.16	16	5	0.36	0.57	1.3	4.3	9.7	10	--	--	--
	2-Nitropropane	µg/L	13	0%	13	0.4	0.4	0.4	3.4	0.4	40	0	--	--	--	--	--	--	--	--	0.0014
	3,3-Dimethylpentane	µg/L	15	26.7%	11	0.15	0.15	0.15	1.5	0.15	15	4	0.5	0.59	0.89	10	29	38	--	--	--
	3-Ethylpentane	µg/L	15	26.7%	11	0.14	0.14	0.14	1.4	0.14	14	4	0.15	0.33	1.4	24	71	94	--	--	--
	3-Methylhexane	µg/L	15	26.7%	11	0.15	0.15	0.15	1.5	0.15	15	4	0.32	0.45	0.92	3.5	9.3	12	--	--	--
	4-Chlorotoluene	µg/L	15	53.3%	7	0.065	0.065	0.065	0.98	0.065	6.5	8	0.075	0.16	0.4	1.8	2.5	9.5	--	--	--
	4-Methyl-2-pentanone	µg/L	13	0%	13	0.12	0.12	0.12	1	0.12	12	0	--	--	--	--	--	--	--	--	2000
	Acetone	µg/L	15	73.3%	4	0.34	0.34	0.34	8.8	26	34	11	1	1.6	1.8	5.8	8.9	22	--	--	22000
	Acetonitrile	µg/L	15	0%	15	2	2	2	15	2	200	0	--	--	--	--	--	--	--	--	130
	Benzene	µg/L	15	93.3%	1	0.045	--	0.045	0.045	--	0.045	14	0.2	16	2400	24000	22000	140000	5	12	5
	Bromobenzene	µg/L	15	26.7%	11	0.074	0.074	0.074	0.74	0.074	7.4	4	0.13	0.14	0.64	0.65	1.2	1.2	--	--	88
	Bromodichloromethane	µg/L	15	6.7%	14	0.082	0.082	0.082	0.66	0.082	8.2	1	0.96	--	0.96	0.96	--	0.96	--	--	0.12
	Bromoform	µg/L	15	0%	15	0.094	0.094	0.094	0.71	0.094	9.4	0	--	--	--	--	--	--	--	--	8.5
	Bromomethane	µg/L	15	0%	15	0.084	0.084	0.084	0.64	0.084	8.4	0	--	--	--	--	--	--	--	--	8.7
	Carbon tetrachloride	µg/L	15	0%	15	0.063	0.063	0.063	0.48	0.063	6.3	0	--	--	--	--	--	--	5	--	5
	Chlorobenzene	µg/L	15	100%	0	--	--	--	--	--	--	15	0.6	860	3000	41000	73000	260000	100	13	100
	Chlorobromomethane	µg/L	15	0%	15	0.098	0.098	0.098	0.098	0.098	0.098	0	--	--	--	--	--	--	--	--	--
	Chlorodibromomethane	µg/L	13	0%	13	0.057	0.057	0.057	0.057	0.057	0.057	0	--	--	--	--	--	--	--	--	0.15
	Chloroethane	µg/L	15	73.3%	4	0.085	0.085	0.085	2.2	6.4	8.5	11	0.27	0.51	0.97	1.4	2.1	4	--	--	23
	Chloroform	µg/L	15	80.0%	3	0.1	0.1	0.1	3.4	10	10	12	0.2	0.43	16	3000	400	31000	--	--	0.19
	Chloromethane	µg/L	15	20.0%	12	0.077	0.077	0.077	0.71	0.077	7.7	3	0.086	0.086	0.41	0.63	1.4	1.4	--	--	2.7
	cis-1,2-Dichloroethene	µg/L	15	33.3%	10	0.083	0.083	0.083	0.9	0.083	8.3	5	0.13	0.14	0.3	0.32	0.51	0.67	70	0	70
	cis-1,3-Dichloropropene	µg/L	15	0%	15	0.073	0.073	0.073	0.55	0.073	7.3	0	--	--	--	--	--	--	--	--	--
	Cymene (Isopropyltoluene)	µg/L	15	6.7%	14	0.035	0.035	0.035	0.28	0.035	3.5	1	0.038	--	0.038	0.038	--	0.038	--	--	--
	Dibromomethane	µg/L	15	0%	15	0.21	0.21	0.21	1.6	0.21	21	0	--	--	--	--	--	--	--	--	8.2
	Dichlorodifluoromethane (Freon-12)	µg/L	15	0%	15	0.07	0.07	0.07	0.53	0.07	7	0	--	--	--	--	--	--	--	--	400
	Dichloromethane	µg/L	15	53.3%	7	0.11	0.11	0.11	0.11	0.11	0.11	8	0.26	0.4	5	930	1000	6000	5	4	5
	Dimethyl disulfide	µg/L	13	0%	13	0.22	0.22	0.22	1.9	0.22	22	0	--	--	--	--	--	--	--	--	--
	Ethanol	µg/L	15	6.7%	14	78	78	78	630	78	7800	1	3500	--	3500	3500	--	3500	--	--	210000
	Ethylbenzene	µg/L	13	0%	13	0.086	0.086	0.086	0.74	0.086	8.6	0	--	--	--	--	--	--	700	--	700
	Isopropylbenzene	µg/L	15	13.3%	13	0.049	0.049	0.049	0.42	0.049	4.9	2	0.27	--	0.29	0.29	--	0.3	--	--	680
	m,p-Xylenes	µg/L	13	0%	13	0.071	0.071	0.071	0.61	0.071	7.1	0	--	--	--	--	--	--	--	--	1200
	Methyl ethyl ketone	µg/L	15	13.3%	13	0.52	0.52	0.52	4.5	0.52	52	2	17	--	28	28	--	38	--	--	7100
	Methyl iodide	µg/L	15	13.3%	13	0.092	0.092	0.092	0.79	0.092	9.2	2	0.34	--	0.63	0.63	--	0.92	--	--	360
	MTBE (Methyl tert-butyl ether)	µg/L	15	0%	15	0.11	0.11	0.11	0.84	0.11	11	0	--	--	--	--	--	--	--	--	13
	n-Butylbenzene	µg/L	15	6.7%	14	0.041	0.041	0.041	0.33	0.041	4.1	1	0.062	--	0.062	0.062	--	0.062	--	--	250
	n-Heptane	µg/L	15	0%	15	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	--	--	0.2
	Nonanal	µg/L	15	0%	15	0.41	0.41	0.41	3.1	0.41	41	0	--	--	--	--	--	--	--	--	--
	n-Propylbenzene	µg/L	15	13.3%	13	0.05	0.05	0.05	0.43	0.05	5	2	0.33	--	0.35	0.35	--	0.36	--	--	250
	o-Xylene	µg/L	15	40.0%	9	0.044	0.044	0.044	0.53	0.044	4.4	6	0.075	0.087	0.11	2.2	5.2	8.8	--	--	1200
	sec-Butylbenzene	µg/L	15	6.7%	14	0.057	0.057	0.057	0.46	0.057	5.7	1	0.099	--	0.099	0.099	--	0.099	--	--	250
	Styrene	µg/L	13	0%	13	0.036	0.036	0.036	0.31	0.036	3.6	0	--	--	--	--	--	--	100	--	100
	tert-Butylbenzene	µg/L	15	0%	15	0.044	0.044	0.044	0.33	0.044	4.4	0	--	--	--	--	--	--	--	--	250
	Tetrachloroethene	µg/L	15	66.7%	5	0.088	0.088	0.088	1.8	4.4	8.8	10	0.5	2.8	9.1	250	84	2200	5	6	5
	Toluene	µg/L	15	66.7%	5	0.062	0.062	0.062	0.062	0.062	0.062	10	0.19	0.78	3.7	28	29	160	1000	0	1000
	Total Trihalomethanes	µg/L	17	70.6%	3	0.17	0.17	0.17	4.7	14	13.8	12	0.32	0.55	16	3000	400	31001	80	5	80
	trans-1,2-Dichloroethene	µg/L	15	33.3%	10	0.083	0.083	0.083	0.9	0.083	8.3	5	0.1	0.1	0.12	0.13	0.16	0.18	100	0	100
	trans-1,3-Dichloropropene	µg/L	13	0%	13	0.083	0.083	0.083	0.72	0.083	8.3	0	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/L	15	80.0%	3	0.21	0.21	0.21	7.1	21	21	12	0.24	0.71	2.1	14	10	120	5	3	5
	Trichlorofluoromethane (Freon-11)	µg/L	15	0%	15	0.041	0.041	0.041	0.31	0.041	4.1	0	--	--	--	--	--	--	--	--	1300
	Vinyl acetate	µg/L	15	0%	15	0.17	0.17	0.17	1.3	0.17	17	0	--	--	--	--	--	--	--	--	410
	Vinyl chloride	µg/L	15	40.0%	9	0.032	0.032	0.032	0.38	0.032	3.2	6	0.079	0.21	0.39	0.53	0.92	1.3	2	0	2
	Xylenes (total)	µg/L	15	20.0%	12	0.11	0.11	0.11	1	0.11	11	3	0.11	0.11	4	4.3	8.8	8.8	10000	0	10000

TABLE 4-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – APRIL/MAY 2010
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	13	100%	0	--	--	--	--	--	--	13	104	140	210	270	350	725	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	15	100%	0	--	--	--	--	--	--	15	150	710	1100	1400	1800	3600	--	--	--	--
	Carbonate Alkalinity	mg/L	15	0%	15	0.54	0.54	0.54	0.54	0.54	0.54	0	--	--	--	--	--	--	--	--	--	--
	Hardness, Total	mg/L	15	100%	0	--	--	--	--	--	--	15	270	1500	2900	3600	4900	12000	--	--	--	--
	Hydroxide alkalinity	mg/L	15	0%	15	0.54	0.54	0.54	0.54	0.54	0.54	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	15	100%	0	--	--	--	--	--	--	15	120	830	1700	2300	3000	8600	--	--	--	--
	pH ^b	--	15	100%	--	--	--	--	--	--	--	15	5.52	6	6.7	6.5	7	7.03	6.5 - 8.5	6	--	--
	Total Alkalinity	mg/L	13	100%	0	--	--	--	--	--	--	13	104	140	210	270	350	725	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	13	100%	0	--	--	--	--	--	--	13	1060	5600	11000	13000	20000	26400	500	13	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

Note that sample counts less than 17 are due to the exclusion of rejected results, as discussed in the DVSR.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 4-1b
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – OCTOBER 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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TABLE 4-1b
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – OCTOBER 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 2 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Organochlorine Pesticides	Endrin	µg/L	17	0%	17	0.0075	0.037	0.37	0.41	0.74	1.1	0	--	--	--	--	--	--	2	--	2	--
	Endrin aldehyde	µg/L	17	0%	17	0.0083	0.041	0.41	0.45	0.83	1.2	0	--	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/L	17	0%	17	0.0066	0.033	0.33	0.36	0.66	0.98	0	--	--	--	--	--	--	--	--	--	--
	gamma-BHC (Lindane)	µg/L	17	35.3%	11	0.0065	0.065	0.65	0.45	0.65	0.97	6	0.043	0.044	0.13	5.1	12	21	0.2	2	0.2	2
	gamma-Chlordane	µg/L	17	0%	17	0.0086	0.043	0.43	0.47	0.85	1.3	0	--	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/L	17	0%	17	0.0073	0.036	0.36	0.4	0.72	1.1	0	--	--	--	--	--	--	0.4	--	0.4	--
	Heptachlor epoxide	µg/L	17	0%	17	0.0071	0.035	0.35	0.39	0.7	1.1	0	--	--	--	--	--	--	0.2	--	0.2	--
	Methoxychlor	µg/L	17	0%	17	0.012	0.061	0.61	0.66	1.2	1.8	0	--	--	--	--	--	--	40	--	40	--
Toxaphene	µg/L	17	0%	17	0.35	1.7	17	19	34	52	0	--	--	--	--	--	--	3	--	3	--	
Polynuclear Aromatic Hydrocarbons	Acenaphthene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	6.2	--
	Acenaphthylene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	6.2	--
	Anthracene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	6.3	--
	Benzo(a)anthracene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	0.092	--
	Benzo(a)pyrene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	0.2	--	0.2	--
	Benzo(b)fluoranthene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	0.092	--
	Benzo(g,h,i)perylene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	1100	--
	Benzo(k)fluoranthene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	0.92	--
	Chrysene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	9.2	--
	Dibenzo(a,h)anthracene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	0.0092	--
	Indeno(1,2,3-cd)pyrene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	0.092	--
	Phenanthrene	µg/L	17	5.9%	16	0.0424	0.047	0.05	0.9	0.05	4.72	1	0.136	--	0.14	0.14	--	0.136	--	--	6.2	0
Pyrene	µg/L	17	0%	17	0.0424	0.047	0.05	0.85	0.05	4.72	0	--	--	--	--	--	--	--	--	6.2	--	
Radionuclides	Radium-226	pCi/L	17	70.6%	5	--	--	--	--	--	--	12	0.196	0.39	0.93	0.96	1.5	2	--	--	--	--
	Radium-226/228	pCi/L	17	76.5%	4	--	--	--	--	--	--	13	0.36	1	2.2	2.6	2.9	10.9	5	2	5	2
	Radium-228	pCi/L	17	52.9%	8	--	--	--	--	--	--	9	-0.00464	0.46	1.1	1.6	2	9.64	--	--	--	--
	Radon-222	pCi/L	17	94.1%	1	--	--	--	--	--	--	16	-4.67	200	330	350	590	669	4000	0	300	9
	Thorium-228	pCi/L	17	0%	17	--	--	--	--	--	--	0	-0.15	-0.04	-0.021	0.033	0.12	0.266	--	--	0.11	6
	Thorium-230	pCi/L	17	17.6%	14	--	--	--	--	--	--	3	-0.15	0.012	0.086	0.2	0.36	0.758	--	--	0.42	3
	Thorium-232	pCi/L	17	0%	17	--	--	--	--	--	--	0	-0.0655	-0.03	-0.0078	0.0091	0.026	0.16	--	--	0.14	2
	Uranium-233/234	pCi/L	17	76.5%	4	--	--	--	--	--	--	13	0.224	0.97	7.9	19	23	172	--	--	--	--
	Uranium-235/236	pCi/L	17	41.2%	10	--	--	--	--	--	--	7	-0.0221	0.11	0.3	1.1	1.4	9.46	--	--	--	--
Uranium-238	pCi/L	17	76.5%	4	--	--	--	--	--	--	13	0.166	0.65	5.4	14	16	123	--	--	--	--	
Semivolatile Organic Compounds	1,2,4,5-Tetrachlorobenzene	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	11	--
	1,2-Diphenylhydrazine	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	0.084	--
	1,4-Dioxane	µg/L	17	5.9%	16	0.847	0.96	1	22	28	94.3	1	1.1	--	1.1	1.1	--	1.1	--	--	0.67	1
	2,2'-Dichlorobenzil	µg/L	17	0%	17	2.8	3.2	3.3	67	72	311	0	--	--	--	--	--	--	--	--	11	--
	2,4,5-Trichlorophenol	µg/L	17	5.9%	16	0.847	0.96	1	22	28	94.3	1	1.68	--	1.7	1.7	--	1.68	--	--	3700	0
	2,4,6-Trichlorophenol	µg/L	17	5.9%	16	1.69	1.9	2	43	56	189	1	29.4	--	29	29	--	29.4	--	--	6.1	1
	2,4-Dichlorophenol	µg/L	17	35.3%	11	1.69	1.9	2	59	170	189	6	2.56	2.8	18	24	49	55.9	--	--	110	0
	2,4-Dimethylphenol	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	730	--
	2,4-Dinitrophenol	µg/L	17	0%	17	8.47	9.7	10	200	220	943	0	--	--	--	--	--	--	--	--	73	--
	2,4-Dinitrotoluene	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	0.22	--
	2,6-Dinitrotoluene	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	37	--
	2-Chloronaphthalene	µg/L	17	0%	17	0.297	0.34	0.35	7.1	7.6	33	0	--	--	--	--	--	--	--	--	2.1	--
	2-Chlorophenol	µg/L	17	17.6%	14	1.69	1.9	2	48	94	189	3	19.2	19	32	39	65	64.6	--	--	66	0
	2-Methylnaphthalene	µg/L	17	5.9%	16	0.254	0.3	0.3	6.5	8.4	28.3	1	0.406	--	0.41	0.41	--	0.406	--	--	--	--
	2-Nitroaniline	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	110	--
	2-Nitrophenol	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/L	17	0%	17	0.847	0.97	1	20	22	94.3	0	--	--	--	--	--	--	--	--	0.15	--
	3-Nitroaniline	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	--	--
	4-Bromophenyl phenyl ether	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	0.34	--
	4-Chlorophenyl phenyl ether	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	--	--
	4-Chlorothioanisole	µg/L	17	0%	17	2.8	3.2	3.3	67	72	311	0	--	--	--	--	--	--	--	--	--	--
	4-Chlorothiophenol	µg/L	17	29.4%	12	2.8	3.2	3.3	36	31	311	5	4.97	16	170	360	790	1080	--	--	--	--
	4-Nitroaniline	µg/L	17	0%	17	2.54	2.9	3	61	65	283	0	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	290	--
	Acetophenone	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	--	680	--
	Aniline	µg/L	17	0%	17	2.12	2.4	2.5	51	54	236	0	--	--	--	--	--	--	--	--	12	--

TABLE 4-1b
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – OCTOBER 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL		
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Semivolatile Organic Compounds	Benzoic acid	µg/L	17	0%	17	5.08	5.8	6	120	130	566	0	--	--	--	--	--	--	--	150000	--	
	Benzyl alcohol	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	18000	--	
	bis(2-Chloroethoxy)methane	µg/L	17	0%	17	2.54	2.9	3	61	65	283	0	--	--	--	--	--	--	--	--	--	
	bis(2-Chloroethyl)ether	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	0.012	--	
	bis(2-Chloroisopropyl)ether	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	0.32	--	
	bis(2-Ethylhexyl)phthalate	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	6	6	--	
	bis(p-Chlorophenyl)disulfide	µg/L	17	35.3%	11	2.8	3.3	3.3	39	31	311	6	19.5	26	1700	2100	4400	4770	--	--	--	
	bis(p-Chlorophenyl)sulfone	µg/L	17	0%	17	2.8	3.2	3.3	67	72	311	0	--	--	--	--	--	--	--	--	--	
	Butylbenzyl phthalate	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	35	--	
	Carbazole	µg/L	17	0%	17	0.169	0.19	0.2	4.1	4.3	18.9	0	--	--	--	--	--	--	--	3.4	--	
	Dibenzofuran	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	73	--	
	Diethyl phthalate	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	29000	--	
	Dimethyl phthalate	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	370000	--	
	Di-n-butyl phthalate	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	3700	--	
	Di-n-octyl phthalate	µg/L	17	0%	17	2.54	2.9	3	61	65	283	0	--	--	--	--	--	--	--	--	--	
	Diphenyl disulfide	µg/L	17	29.4%	12	2.8	3.3	3.3	59	31	311	5	3.12	28	68	530	1300	2220	--	--	--	
	Diphenyl sulfide	µg/L	17	11.8%	15	2.8	3.1	3.3	55	31	311	2	4.57	--	160	160	--	312	--	--	--	
	Diphenylamine	µg/L	17	0%	17	2.54	2.9	3	61	65	283	0	--	--	--	--	--	--	--	--	--	
	Fluoranthene	µg/L	17	0%	17	0.169	0.19	0.2	4.1	4.3	18.9	0	--	--	--	--	--	--	--	1500	--	
	Fluorene	µg/L	17	0%	17	0.169	0.19	0.2	4.1	4.3	18.9	0	--	--	--	--	--	--	--	6.2	--	
	Hexachlorobenzene	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	1	1	--	
	Hexachlorobutadiene	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	0.86	--	
	Hexachlorocyclopentadiene	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	50	50	--	
	Hexachloroethane	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	4.8	--	
	Hydroxymethyl phthalimide	µg/L	17	0%	17	2.8	3.2	3.3	67	72	311	0	--	--	--	--	--	--	--	--	--	
	Isophorone	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	71	--	
	m,p-Cresols	µg/L	17	0%	17	2.54	2.9	3	61	65	283	0	--	--	--	--	--	--	--	180	--	
	Naphthalene	µg/L	17	0%	17	0.254	0.29	0.3	6.1	6.5	28.3	0	--	--	--	--	--	--	--	0.14	--	
	Nitrobenzene	µg/L	17	0%	17	2.54	2.9	3	61	65	283	0	--	--	--	--	--	--	--	0.12	--	
	N-nitrosodi-n-propylamine	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	0.0096	--	
	o-Cresol	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	1800	--	
	Octachlorostyrene	µg/L	17	0%	17	2.8	3.2	3.3	67	72	311	0	--	--	--	--	--	--	--	--	--	
	Pentachlorobenzene	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	--	29	--	
	Pentachlorophenol	µg/L	17	0%	17	1.69	1.9	2	41	43	189	0	--	--	--	--	--	--	1	1	--	
	Phenol	µg/L	17	0%	17	0.847	0.97	1	20	22	94.3	0	--	--	--	--	--	--	--	11000	--	
	Phenyl sulfone	µg/L	17	0%	17	2.8	3.2	3.3	67	72	311	0	--	--	--	--	--	--	--	110	--	
	Pyridine	µg/L	17	0%	17	0.847	0.97	1	20	22	94.3	0	--	--	--	--	--	--	--	32	--	
	Thiophenol	µg/L	17	5.9%	16	5.59	6.6	6.6	140	180	623	1	33.6	--	34	34	--	33.6	--	--	--	
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	17	0%	17	0.21	0.63	8.4	15	32	42	0	--	--	--	--	--	--	--	0.52	--	
	1,1,1-Trichloroethane	µg/L	17	0%	17	0.16	0.48	6.4	11	24	32	0	--	--	--	--	--	--	200	200	--	
	1,1,2,2-Tetrachloroethane	µg/L	17	0%	17	0.21	0.63	8.4	15	32	42	0	--	--	--	--	--	--	--	0.067	--	
	1,1,2-Trichloroethane	µg/L	17	0%	17	0.27	0.82	11	19	41	54	0	--	--	--	--	--	--	5	5	--	
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	17	0%	17	0.42	1.3	17	30	63	84	0	--	--	--	--	--	--	--	59000	--	
	1,1-Dichloroethane	µg/L	17	64.7%	6	0.22	17	33	29	44	44	11	2.3	5.7	16	30	66	74	--	2.4	10	
	1,1-Dichloroethene	µg/L	17	5.9%	16	0.23	0.92	9.2	17	40	46	1	1.5	--	1.5	1.5	--	1.5	7	7	0	
	1,1-Dichloropropene	µg/L	17	0%	17	0.19	0.57	7.6	14	29	38	0	--	--	--	--	--	--	--	--	--	
	1,2,3-Trichlorobenzene	µg/L	17	23.5%	13	0.21	0.53	8.4	15	32	42	4	6.2	9.4	21	47	110	140	--	--	--	
	1,2,3-Trichloropropane	µg/L	17	0%	17	0.33	0.98	13	24	50	66	0	--	--	--	--	--	--	--	0.0022	--	
	1,2,4-Trichlorobenzene	µg/L	17	41.2%	10	0.21	0.21	2.6	6.5	12	21	7	29	73	150	310	180	1500	70	70	6	
	1,2,4-Trimethylbenzene	µg/L	17	0%	17	0.15	0.45	6	11	23	30	0	--	--	--	--	--	--	--	15	--	
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	17	0%	17	0.47	1.4	19	34	71	94	0	--	--	--	--	--	--	(blank)	(blank)	--	
	1,2-Dichlorobenzene	µg/L	17	94.1%	1	0.15	--	0.15	0.15	--	0.15	16	0.95	16	120	560	1200	3000	600	5	600	5
	1,2-Dichloroethane	µg/L	17	41.2%	10	0.13	4.6	13	14	26	26	7	1.3	2.1	4.1	110	9.2	760	5	3	5	3
	1,2-Dichloroethene (total)	µg/L	17	5.9%	16	0.24	0.96	9.6	18	42	48	1	0.63	--	0.63	0.63	--	0.63	--	--	--	--
	1,2-Dichloropropane	µg/L	17	0%	17	0.18	0.54	7.2	13	27	36	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	17	0%	17	0.32	0.97	13	23	48	64	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	17	0%	17	0.16	0.48	6.4	11	24	32	0	--	--	--	--	--	--	--	15	--	--
	1,3-Dichlorobenzene	µg/L	17	52.9%	8	0.13	0.13	0.59	2.8	4.6	13	9	5	10	55	69	120	190	--	--	87	3
	1,3-Dichloropropane	µg/L	17	0%	17	0.22	0.66	8.8	16	33	44	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	17	94.1%	1	0.16	--	0.16	0.16	--	0.16	16	1.8	20	160	940	1800	5000	75	10	75	10

TABLE 4-1b
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – OCTOBER 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 5 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL	
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max					
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	12	100%	0	--	--	--	--	--	--	12	110	150	200	280	470	580	--	--	--	--	
	Calcium hardness as calcium carbonate	mg/L	17	100%	0	--	--	--	--	--	--	17	150	680	1000	1200	1600	3000	--	--	--	--	
	Carbonate Alkalinity	mg/L	17	0%	17	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--	
	Hardness, Total	mg/L	17	100%	0	--	--	--	--	--	--	17	250	1600	2700	3200	4100	9700	--	--	--	--	
	Hydroxide alkalinity	mg/L	17	0%	17	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--	
	Magnesium hardness as calcium carbonate	mg/L	17	100%	0	--	--	--	--	--	--	17	110	860	1700	2000	2600	6700	--	--	--	--	
	pH ^b	--	15	100%	--	--	--	--	--	--	--	15	6.46	6.6	6.9	6.9	7.2	7.62	6.5 - 8.5	1	--	--	--
	Total Alkalinity	mg/L	12	100%	0	--	--	--	--	--	--	12	110	150	200	280	470	580	--	--	--	--	
Total Dissolved Solids (TDS)	mg/L	12	100%	0	--	--	--	--	--	--	12	900	4600	11000	13000	16000	47000	500	12	--	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the

censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

Note that sample counts less than 17 are due to the exclusion of rejected results, as discussed in the DVSR.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 4-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – MARCH 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 3 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL		
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean					Q3	Max
Semivolatile Organic Compounds	Benzoic acid	µg/L	17	5.9%	16	5.61	5.7	5.9	90	44	600	1	20.5	--	21	21	--	20.5	--	--	150000	0
	Benzyl alcohol	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	17	0%	17	2.8	2.8	3	42	16	300	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	6	--	6	--
	bis(p-Chlorophenyl)disulfide	µg/L	17	29.4%	12	3.08	3.1	3.3	62	59	330	5	40.5	48	88	530	1200	1230	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	17	0%	17	3.08	3.1	3.3	47	17	330	0	--	--	--	--	--	--	--	--	--	--
	Butylbenzyl phthalate	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	17	0%	17	0.187	0.19	0.2	2.8	1	20	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	370000	--
	Di-n-butyl phthalate	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	17	0%	17	2.8	2.8	3	42	16	300	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	17	23.5%	13	3.08	3.1	3.3	52	3.3	330	4	6.87	21	93	390	1000	1350	--	--	--	--
	Diphenyl sulfide	µg/L	17	0%	17	3.08	3.1	3.3	47	17	330	0	--	--	--	--	--	--	--	--	--	--
	Diphenylamine	µg/L	17	0%	17	2.8	2.8	3	42	16	300	0	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	17	0%	17	0.187	0.19	0.2	2.8	1	20	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	17	0%	17	0.187	0.19	0.2	2.8	1	20	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	17	0%	17	3.08	3.1	3.3	47	17	330	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	17	0%	17	2.8	2.8	3	42	16	300	0	--	--	--	--	--	--	--	--	180	--
	Naphthalene	µg/L	17	0%	17	0.28	0.28	0.3	4.2	1.6	30	0	--	--	--	--	--	--	--	--	0.14	--
	Nitrobenzene	µg/L	17	0%	17	2.8	2.8	3	42	16	300	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	17	0%	17	3.08	3.1	3.3	47	17	330	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	17	0%	17	1.87	1.9	2	28	10	200	0	--	--	--	--	--	--	--	--	29	--
	Pentachlorophenol	µg/L	17	5.9%	16	1.87	1.9	2	30	15	200	1	5.63	--	5.6	5.6	--	5.63	1	1	1	1
	Phenol	µg/L	17	11.8%	15	0.935	0.94	0.98	15	1	100	2	5.28	--	8.3	8.3	--	11.4	--	--	11000	0
	Phenyl sulfone	µg/L	17	0%	17	3.08	3.1	3.3	47	17	330	0	--	--	--	--	--	--	--	--	110	--
	Pyridine	µg/L	17	0%	17	0.935	0.94	0.99	14	5.2	100	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	17	11.8%	15	6.17	6.2	6.5	100	6.7	660	2	11.1	--	760	760	--	1510	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	17	0%	17	0.21	0.53	1	21	25	210	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	17	0%	17	0.16	0.4	0.8	16	19	160	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	17	0%	17	0.21	0.53	1	21	25	210	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	17	0%	17	0.27	0.69	1.4	28	33	270	0	--	--	--	--	--	--	5	--	5	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	17	0%	17	0.42	1.1	2.1	43	51	420	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	17	70.6%	5	0.22	4.5	44	63	130	220	12	2.4	7.6	18	28	58	69	--	--	2.4	11
	1,1-Dichloroethene	µg/L	17	17.6%	14	0.23	0.75	3.5	28	46	230	3	0.53	0.53	1.4	1.2	1.6	1.6	7	0	7	0
	1,1-Dichloropropene	µg/L	17	0%	17	0.19	0.48	0.95	19	23	190	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	17	35.3%	11	0.21	0.21	1	22	8.4	210	6	5	10	96	97	170	210	--	--	--	--
	1,2,3-Trichloropropane	µg/L	17	0%	17	0.33	0.82	1.6	34	40	330	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	17	35.3%	11	0.21	0.21	1	22	8.4	210	6	33	38	170	260	380	990	70	4	70	4
	1,2,4-Trimethylbenzene	µg/L	17	11.8%	15	0.15	0.6	1.5	17	30	150	2	0.21	--	0.61	0.61	--	1	--	--	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	17	0%	17	0.47	1.2	2.4	48	57	470	0	--	--	--	--	--	--	0.2	--	0.2	--
	1,2-Dichlorobenzene	µg/L	17	100%	0	--	--	--	--	--	--	17	0.33	12	66	440	560	2100	600	4	600	4
	1,2-Dichloroethane	µg/L	17	29.4%	12	0.13	0.65	3.9	8.9	23	26	5	1.4	2	4.4	5.5	9.6	11	5	2	5	2
	1,2-Dichloroethene (total)	µg/L	17	0%	17	0.24	0.6	1.2	12	17	48	0	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/L	17	0%	17	0.18	0.45	0.9	8.9	13	36	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	17	0%	17	0.32	0.81	1.6	16	23	64	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	17	0%	17	0.16	0.4	0.8	7.9	11	32	0	--	--	--	--	--	--	--	--	15	--
	1,3-Dichlorobenzene	µg/L	17	52.9%	8	0.13	0.13	0.65	1.8	4.6	5.2	9	2.6	6.6	11	39	92	100	--	--	87	3
	1,3-Dichloropropane	µg/L	17	0%	17	0.22	0.55	1.1	11	15	44	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	17	100%	0	--	--	--	--	--	--	17	0.51	13	73	770	780	3600	75	8	75	8

TABLE 4-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – MARCH 2011
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max		
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	17	0%	17	0.23	0.58	1.2	11	16	46	0	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/L	17	0%	17	0.18	0.45	0.9	8.9	13	36	0	--	--	--	--	--	--	--	--
	2,2-Dimethylpentane	µg/L	17	0%	17	0.23	0.58	1.2	11	16	46	0	--	--	--	--	--	--	--	--
	2,3-Dimethylpentane	µg/L	17	11.8%	15	0.19	0.19	0.95	9.9	19	38	2	130	--	140	140	--	140	--	--
	2,4-Dimethylpentane	µg/L	17	0%	17	0.2	0.5	1	9.9	14	40	0	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/L	17	0%	17	0.17	0.43	0.85	8.4	12	34	0	--	--	--	--	--	--	91	--
	2-Hexanone	µg/L	17	0%	17	1.7	4.3	8.5	84	120	340	0	--	--	--	--	--	--	63	--
	2-Methylhexane	µg/L	17	0%	17	0.24	0.6	1.2	12	17	48	0	--	--	--	--	--	--	--	--
	2-Nitropropane	µg/L	17	0%	17	1.6	4	8	79	110	320	0	--	--	--	--	--	--	0.0014	--
	3,3-Dimethylpentane	µg/L	17	11.8%	15	0.23	0.23	1.2	12	23	46	2	15	--	15	15	--	15	--	--
	3-Ethylpentane	µg/L	17	11.8%	15	0.21	0.21	1	11	21	42	2	47	--	49	49	--	50	--	--
	3-Methylhexane	µg/L	17	0%	17	0.25	0.63	1.2	12	18	50	0	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/L	17	0%	17	0.21	0.53	1	10	15	42	0	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/L	17	0%	17	0.98	2.4	4.9	49	69	200	0	--	--	--	--	--	--	2000	--
	Acetone	µg/L	17	0%	17	1.9	4.8	9.5	94	130	380	0	--	--	--	--	--	--	22000	--
	Acetonitrile	µg/L	17	0%	17	9.6	24	48	470	670	1900	0	--	--	--	--	--	--	130	--
	Benzene	µg/L	17	88.2%	2	0.16	--	0.16	0.16	--	0.16	15	0.9	8.9	3700	18000	27000	81000	5	12
	Bromobenzene	µg/L	17	0%	17	0.17	0.43	0.85	8.4	12	34	0	--	--	--	--	--	--	88	--
	Bromodichloromethane	µg/L	17	0%	17	0.17	0.43	0.85	8.4	12	34	0	--	--	--	--	--	--	0.12	--
	Bromoform	µg/L	17	0%	17	0.19	0.48	0.95	9.4	13	38	0	--	--	--	--	--	--	8.5	--
	Bromomethane	µg/L	17	0%	17	0.21	0.53	1	10	15	42	0	--	--	--	--	--	--	8.7	--
	Carbon tetrachloride	µg/L	17	0%	17	0.19	0.48	0.95	9.4	13	38	0	--	--	--	--	--	5	5	--
	Chlorobenzene	µg/L	17	88.2%	2	0.85	--	1.3	1.3	--	1.7	15	1.5	490	2500	14000	9100	65000	100	13
	Chlorobromomethane	µg/L	17	0%	17	0.1	0.25	0.5	4.9	7	20	0	--	--	--	--	--	--	--	--
	Chlorodibromomethane	µg/L	17	0%	17	0.17	0.43	0.85	8.4	12	34	0	--	--	--	--	--	--	0.15	--
	Chloroethane	µg/L	17	5.9%	16	0.41	1.7	3.1	21	35	82	1	0.64	--	0.64	0.64	--	0.64	--	0
	Chloroform	µg/L	17	76.5%	4	0.64	0.68	0.8	0.76	0.8	0.8	13	0.31	6.5	86	2900	2100	28000	--	0.19
	Chloromethane	µg/L	17	0%	17	0.3	0.75	1.5	15	21	60	0	--	--	--	--	--	--	2.7	--
	cis-1,2-Dichloroethene	µg/L	17	11.8%	15	0.15	0.6	1.5	8.3	15	30	2	0.17	--	0.64	0.64	--	1.1	70	0
	cis-1,3-Dichloropropene	µg/L	17	0%	17	0.16	0.4	0.8	7.9	11	32	0	--	--	--	--	--	--	--	--
	Cymene (Isopropyltoluene)	µg/L	17	0%	17	0.2	0.5	1	9.9	14	40	0	--	--	--	--	--	--	--	--
	Dibromomethane	µg/L	17	0%	17	0.17	0.43	0.85	8.4	12	34	0	--	--	--	--	--	--	8.2	--
	Dichlorodifluoromethane (Freon-12)	µg/L	17	0%	17	0.31	0.76	1.6	15	22	62	0	--	--	--	--	--	--	400	--
	Dichloromethane	µg/L	17	17.6%	14	0.32	0.32	1.6	16	26	64	3	700	700	1200	2500	5500	5500	5	3
	Dimethyl disulfide	µg/L	17	0%	17	0.25	0.63	1.2	12	18	50	0	--	--	--	--	--	--	--	--
	Ethanol	µg/L	17	0%	17	94	240	470	4700	6600	19000	0	--	--	--	--	--	--	210000	--
	Ethylbenzene	µg/L	17	0%	17	0.16	0.4	0.8	7.9	11	32	0	--	--	--	--	--	700	700	--
	Isopropylbenzene	µg/L	17	0%	17	0.19	0.48	0.95	9.4	13	38	0	--	--	--	--	--	--	680	--
	m,p-Xylenes	µg/L	17	0%	17	0.34	0.87	1.7	17	24	68	0	--	--	--	--	--	--	1200	--
	Methyl ethyl ketone	µg/L	17	0%	17	2	5	10	99	140	400	0	--	--	--	--	--	--	7100	--
	Methyl iodide	µg/L	17	0%	17	0.23	0.58	1.2	11	16	46	0	--	--	--	--	--	--	360	--
	MTBE (Methyl tert-butyl ether)	µg/L	17	0%	17	0.25	0.63	1.2	12	18	50	0	--	--	--	--	--	--	13	--
	n-Butylbenzene	µg/L	17	0%	17	0.14	0.35	0.7	6.9	9.8	28	0	--	--	--	--	--	--	250	--
	n-Heptane	µg/L	17	11.8%	15	0.2	0.2	1	10	20	40	2	29	--	30	30	--	30	--	0.2
	Nonanal	µg/L	17	11.8%	15	1.2	1.3	12	66	120	240	2	4.8	--	5.6	5.6	--	6.3	--	--
	n-Propylbenzene	µg/L	17	0%	17	0.16	0.4	0.8	7.9	11	32	0	--	--	--	--	--	--	250	--
	o-Xylene	µg/L	17	5.9%	16	0.19	0.81	1.4	9.9	16	38	1	0.34	--	0.34	0.34	--	0.34	--	0
	sec-Butylbenzene	µg/L	17	0%	17	0.17	0.43	0.85	8.4	12	34	0	--	--	--	--	--	--	250	--
	Styrene	µg/L	17	0%	17	0.17	0.43	0.85	8.4	12	34	0	--	--	--	--	--	--	100	100
	tert-Butylbenzene	µg/L	17	0%	17	0.16	0.4	0.8	7.9	11	32	0	--	--	--	--	--	--	250	--
	Tetrachloroethene	µg/L	17	41.2%	10	0.2	0.2	1	7.6	11	40	7	0.69	3.9	9.5	28	77	83	5	5
	Toluene	µg/L	17	29.4%	12	0.17	0.34	1.3	11	30	34	5	0.18	0.43	4.1	3.3	5.8	6.9	1000	0
	Total Trihalomethanes	µg/L	17	76.5%	4	1.38	1.5	1.7	1.6	1.7	1.73	13	0.58	6.7	97	2900	2100	28027	80	8
	trans-1,2-Dichloroethene	µg/L	17	0%	17	0.15	0.38	0.75	7.4	11	30	0	--	--	--	--	--	--	100	--
	trans-1,3-Dichloropropene	µg/L	17	0%	17	0.19	0.48	0.95	9.4	13	38	0	--	--	--	--	--	--	--	--
	Trichloroethene	µg/L	17	35.3%	11	0.16	0.8	6.4	12	32	32	6	0.37	1.7	4.2	19	43	69	5	2
	Trichlorofluoromethane (Freon-11)	µg/L	17	0%	17	0.29	0.75	1.4	14	21	58	0	--	--	--	--	--	--	1300	--
	Vinyl acetate	µg/L	17	0%	17	0.94	2.4	4.7	47	66	190	0	--	--	--	--	--	--	410	--
	Vinyl chloride	µg/L	17	0%	17	0.1	0.25	0.5	4.9	7	20	0	--	--	--	--	--	--	2	--
	Xylenes (total)	µg/L	17	5.9%	16	0.19	0.81	1.4	9.9	16	38	1	0.34	--	0.34	0.34	--	0.34	10000	0

TABLE 4-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – MARCH 2011
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CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	15	100%	0	--	--	--	--	--	--	15	96	150	240	330	490	820	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	17	100%	0	--	--	--	--	--	--	17	150	710	1100	1200	1700	2600	--	--	--	--
	Carbonate Alkalinity	mg/L	15	0%	15	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Hardness, Total	mg/L	17	100%	0	--	--	--	--	--	--	17	260	1700	3000	3600	4800	10000	--	--	--	--
	Hydroxide alkalinity	mg/L	17	0%	17	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	17	100%	0	--	--	--	--	--	--	17	120	900	1900	2400	3100	7500	--	--	--	--
	pH ^b	--	15	100%	--	--	--	--	--	--	--	15	6.34	6.8	7	7.2	7.59	6.5 - 8.5	1	--	--	--
	Total Alkalinity	mg/L	15	100%	0	--	--	--	--	--	--	15	96	150	240	330	490	820	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	15	100%	0	--	--	--	--	--	--	15	900	4400	9700	17000	17000	65000	500	15	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the

censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

Note that sample counts less than 17 are due to the exclusion of rejected results, as discussed in the DVSR.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 4-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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TABLE 4-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – OCTOBER 2011
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CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Semivolatile Organic Compounds	Benzoic acid	µg/L	17	0%	17	5.66	5.7	6	120	150	588	0	--	--	--	--	--	--	--	--	150000	--
	Benzyl alcohol	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	17	0%	17	2.83	2.9	3	62	73	294	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	17	52.9%	8	1.89	2	49	85	190	196	9	2.95	4.2	7.5	9.1	15	16.4	6	6	6	6
	bis(p-Chlorophenyl)disulfide	µg/L	17	35.3%	11	3.11	3.2	3.3	46	3.3	317	6	16.3	42	780	1200	2300	3460	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	17	5.9%	16	3.11	3.2	3.3	72	120	324	1	16.1	--	16	16	--	16.1	--	--	--	--
	Butylbenzyl phthalate	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	17	0%	17	0.189	0.19	0.2	4.1	4.9	19.6	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	370000	--
	Di-n-butyl phthalate	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	17	0%	17	2.83	2.9	3	62	73	294	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	17	29.4%	12	3.11	3.2	3.3	95	270	324	5	12.8	16	52	1000	2500	4920	--	--	--	--
	Diphenyl sulfide	µg/L	17	5.9%	16	3.11	3.2	3.3	72	120	324	1	3.25	--	3.3	3.3	--	3.25	--	--	--	--
	Diphenylamine	µg/L	17	0%	17	2.83	2.9	3	62	73	294	0	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	17	0%	17	0.189	0.19	0.2	4.1	4.9	19.6	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	17	0%	17	0.189	0.19	0.2	4.1	4.9	19.6	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	17	0%	17	3.11	3.1	3.3	68	80	324	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	17	5.9%	16	2.83	2.9	3	65	110	294	1	3.65	--	3.7	3.7	--	3.65	--	--	180	0
	Naphthalene	µg/L	17	17.6%	14	0.283	0.29	0.3	7.4	18	29.4	3	1.9	1.9	2.6	2.6	3.4	3.43	--	--	0.14	3
	Nitrobenzene	µg/L	17	0%	17	2.83	2.9	3	62	73	294	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	17	0%	17	1.89	1.9	2	41	49	196	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	17	0%	17	3.11	3.1	3.3	68	80	324	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	17	5.9%	16	1.89	1.9	2	44	72	196	1	2.16	--	2.2	2.2	--	2.16	--	--	29	0
	Pentachlorophenol	µg/L	17	11.8%	15	1.89	1.9	2	46	95	196	2	6.98	--	7.1	7.1	--	7.13	1	2	1	2
	Phenol	µg/L	17	23.5%	13	0.943	0.98	1	27	71	98	4	1.75	1.9	2.4	3.9	7.5	9.16	--	--	11000	0
	Phenyl sulfone	µg/L	17	0%	17	3.11	3.1	3.3	68	80	324	0	--	--	--	--	--	--	--	--	110	--
	Pyridine	µg/L	17	0%	17	0.943	0.95	1	21	24	98	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	17	29.4%	12	6.23	6.5	6.6	190	550	647	5	8.4	13	24	1600	4000	7970	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	17	0%	17	0.21	0.32	8.4	11	21	42	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	17	0%	17	0.16	0.24	6.4	8.4	16	32	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	17	0%	17	0.21	0.32	8.4	11	21	42	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	17	0%	17	0.27	0.41	11	14	27	54	0	--	--	--	--	--	--	5	--	5	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	17	0%	17	0.42	0.63	17	22	42	84	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	17	58.8%	7	0.22	8.8	22	21	44	44	10	1.9	8.2	18	29	50	76	--	--	2.4	9
	1,1-Dichloroethene	µg/L	17	5.9%	16	0.23	0.29	9.2	13	23	46	1	1.8	--	1.8	1.8	--	1.8	7	0	7	0
	1,1-Dichloropropene	µg/L	17	0%	17	0.19	0.29	7.6	10	19	38	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	17	17.6%	14	0.21	0.21	8.4	12	21	42	3	5	5	9.6	45	120	120	--	--	--	--
	1,2,3-Trichloropropane	µg/L	17	0%	17	0.33	0.5	13	17	33	66	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	16	43.8%	9	0.21	0.21	4.2	4.4	8.4	8.4	7	0.35	33	140	260	200	1200	70	4	70	4
	1,2,4-Trimethylbenzene	µg/L	17	0%	17	0.15	0.23	6	7.9	15	30	0	--	--	--	--	--	--	--	--	15	--
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	17	0%	17	0.47	0.71	19	25	47	94	0	--	--	--	--	--	--	0.2	--	0.2	--
	1,2-Dichlorobenzene	µg/L	17	94.1%	1	0.15	--	0.15	0.15	--	0.15	16	0.62	20	130	580	1200	2700	600	4	600	4
	1,2-Dichloroethane	µg/L	17	47.1%	9	0.13	3.9	13	12	20	26	8	1.2	2.6	6.6	160	420	730	5	4	5	4
	1,2-Dichloroethene (total)	µg/L	17	5.9%	16	0.24	0.3	9.6	13	24	48	1	1.6	--	1.6	1.6	--	1.6	--	--	--	--
	1,2-Dichloropropane	µg/L	17	0%	17	0.18	0.27	7.2	9.5	18	36	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	17	0%	17	0.32	0.48	13	17	32	64	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	17	0%	17	0.16	0.24	6.4	8.4	16	32	0	--	--	--	--	--	--	--	--	15	--
	1,3-Dichlorobenzene	µg/L	17	47.1%	9	0.13	0.13	2.6	3.6	5.2	13	8	0.6	7.5	42	56	110	140	--	--	87	3
	1,3-Dichloropropane	µg/L	17	0%	17	0.22	0.33	8.8	12	22	44	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	17	94.1%	1	0.16	--	0.16	0.16	--	0.16	16	0.74	26	180	940	1800	4300	75	10	75	10

TABLE 4-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL		
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean					Q3	Max
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	17	0%	17	0.23	0.35	9.2	12	23	46	0	--	--	--	--	--	--	--	--	--	
	2,2-Dichloropropane	µg/L	17	0%	17	0.18	0.27	7.2	9.5	18	36	0	--	--	--	--	--	--	--	--	--	
	2,2-Dimethylpentane	µg/L	17	0%	17	0.23	0.35	9.2	12	23	46	0	--	--	--	--	--	--	--	--	--	
	2,3-Dimethylpentane	µg/L	17	11.8%	15	0.19	0.19	3.8	10	19	38	2	69	--	90	90	--	110	--	--	--	
	2,4-Dimethylpentane	µg/L	17	0%	17	0.2	0.3	8	11	20	40	0	--	--	--	--	--	--	--	--	--	
	2-Chlorotoluene	µg/L	17	0%	17	0.17	0.26	6.8	8.9	17	34	0	--	--	--	--	--	--	--	91	--	
	2-Hexanone	µg/L	17	0%	17	1.7	2.6	68	89	170	340	0	--	--	--	--	--	--	--	63	--	
	2-Methylhexane	µg/L	17	5.9%	16	0.24	0.3	7.2	13	24	48	1	20	--	20	20	--	20	--	--	--	
	2-Nitropropane	µg/L	17	0%	17	1.6	2.4	64	84	160	320	0	--	--	--	--	--	--	--	0.0014	--	
	3,3-Dimethylpentane	µg/L	17	11.8%	15	0.23	0.23	4.6	12	23	46	2	12	--	17	17	--	21	--	--	--	
	3-Ethylpentane	µg/L	17	5.9%	16	0.21	0.26	6.3	11	21	42	1	40	--	40	40	--	40	--	--	--	
	3-Methylhexane	µg/L	17	11.8%	15	0.25	0.25	5	14	25	50	2	43	--	56	56	--	69	--	--	--	
	4-Chlorotoluene	µg/L	17	0%	17	0.21	0.32	8.4	11	21	42	0	--	--	--	--	--	--	--	--	--	
	4-Methyl-2-pentanone	µg/L	17	0%	17	0.98	1.5	39	52	98	200	0	--	--	--	--	--	--	--	2000	--	
	Acetone	µg/L	17	35.3%	11	1.9	1.9	76	91	190	380	6	8.5	8.9	78	150	310	430	--	--	22000	0
	Acetonitrile	µg/L	17	0%	17	9.6	14	380	500	960	1900	0	--	--	--	--	--	--	--	--	130	--
	Benzene	µg/L	17	88.2%	2	0.16	--	0.16	0.16	--	0.16	15	4.4	9.9	12000	22000	42000	80000	5	14	5	14
	Bromobenzene	µg/L	17	0%	17	0.17	0.26	6.8	8.9	17	34	0	--	--	--	--	--	--	--	--	88	--
	Bromodichloromethane	µg/L	17	0%	17	0.17	0.26	6.8	8.9	17	34	0	--	--	--	--	--	--	--	--	0.12	--
	Bromoform	µg/L	17	0%	17	0.19	0.29	7.6	10	19	38	0	--	--	--	--	--	--	--	--	8.5	--
	Bromomethane	µg/L	17	0%	17	0.21	0.32	8.4	11	21	42	0	--	--	--	--	--	--	--	--	8.7	--
	Carbon tetrachloride	µg/L	17	0%	17	0.19	0.29	7.6	10	19	38	0	--	--	--	--	--	--	5	--	5	--
	Chlorobenzene	µg/L	17	100%	0	--	--	--	--	--	--	17	1.5	700	2900	17000	29000	73000	100	15	100	15
	Chlorobromomethane	µg/L	17	0%	17	0.1	0.15	4	5.3	10	20	0	--	--	--	--	--	--	--	--	--	--
	Chlorodibromomethane	µg/L	17	0%	17	0.17	0.26	6.8	8.9	17	34	0	--	--	--	--	--	--	--	--	0.15	--
	Chloroethane	µg/L	17	0%	17	0.41	0.62	16	21	41	82	0	--	--	--	--	--	--	--	--	23	--
	Chloroform	µg/L	17	64.7%	6	0.32	0.56	3.5	6.7	16	16	11	0.47	3.4	76	2800	330	27000	--	--	0.19	11
	Chloromethane	µg/L	17	0%	17	0.3	0.45	12	16	30	60	0	--	--	--	--	--	--	--	--	2.7	--
	cis-1,2-Dichloroethene	µg/L	17	5.9%	16	0.15	0.19	6	8.3	15	30	1	1.6	--	1.6	1.6	--	1.6	70	0	70	0
	cis-1,3-Dichloropropene	µg/L	17	0%	17	0.16	0.24	6.4	8.4	16	32	0	--	--	--	--	--	--	--	--	--	--
	Cymene (Isopropyltoluene)	µg/L	17	0%	17	0.2	0.3	8	11	20	40	0	--	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/L	17	0%	17	0.17	0.26	6.8	8.9	17	34	0	--	--	--	--	--	--	--	--	8.2	--
	Dichlorodifluoromethane (Freon-12)	µg/L	17	0%	17	0.31	0.47	12	16	31	62	0	--	--	--	--	--	--	--	--	400	--
	Dichloromethane	µg/L	17	64.7%	6	0.32	0.32	1.3	22	64	64	11	0.35	0.9	18	600	90	5600	5	8	5	8
	Dimethyl disulfide	µg/L	17	0%	17	0.25	0.38	10	13	25	50	0	--	--	--	--	--	--	--	--	--	--
	Ethanol	µg/L	17	0%	17	94	140	3800	5000	9400	19000	0	--	--	--	--	--	--	--	--	210000	--
	Ethylbenzene	µg/L	17	0%	17	0.16	0.24	6.4	8.4	16	32	0	--	--	--	--	--	--	700	--	700	--
	Isopropylbenzene	µg/L	17	0%	17	0.19	0.29	7.6	10	19	38	0	--	--	--	--	--	--	--	--	680	--
	m,p-Xylenes	µg/L	17	0%	17	0.34	0.51	14	18	34	68	0	--	--	--	--	--	--	--	--	1200	--
	Methyl ethyl ketone	µg/L	17	0%	17	2	3	80	110	200	400	0	--	--	--	--	--	--	--	--	7100	--
Methyl iodide	µg/L	17	0%	17	0.23	0.35	9.2	12	23	46	0	--	--	--	--	--	--	--	--	360	--	
MTBE (Methyl tert-butyl ether)	µg/L	17	0%	17	0.25	0.38	10	13	25	50	0	--	--	--	--	--	--	--	--	13	--	
n-Butylbenzene	µg/L	17	0%	17	0.14	0.21	5.6	7.4	14	28	0	--	--	--	--	--	--	--	--	250	--	
n-Heptane	µg/L	17	0%	17	0.2	0.3	8	11	20	40	0	--	--	--	--	--	--	--	--	0.2	--	
Nonanal	µg/L	17	0%	17	1.2	1.8	47	63	120	240	0	--	--	--	--	--	--	--	--	--	--	
n-Propylbenzene	µg/L	17	0%	17	0.16	0.24	6.4	8.4	16	32	0	--	--	--	--	--	--	--	--	250	--	
o-Xylene	µg/L	17	0%	17	0.19	0.29	7.6	10	19	38	0	--	--	--	--	--	--	--	--	1200	--	
sec-Butylbenzene	µg/L	17	0%	17	0.17	0.26	6.8	8.9	17	34	0	--	--	--	--	--	--	--	--	250	--	
Styrene	µg/L	17	0%	17	0.17	0.26	6.8	8.9	17	34	0	--	--	--	--	--	--	100	--	100	--	
tert-Butylbenzene	µg/L	17	0%	17	0.16	0.24	6.4	8.4	16	32	0	--	--	--	--	--	--	--	--	250	--	
Tetrachloroethene	µg/L	17	35.3%	11	0.2	0.4	8	10	20	40	6	0.46	0.77	6.9	19	41	68	5	3	5	3	
Toluene	µg/L	17	0%	17	0.17	0.26	6.8	8.9	17	34	0	--	--	--	--	--	--	1000	--	1000	--	
Total Trihalomethanes	µg/L	17	64.7%	6	0.69	1.2	7.7	15	35	35	11	0.74	3.7	87	2800	380	27000	80	6	80	6	
trans-1,2-Dichloroethene	µg/L	17	0%	17	0.15	0.23	6	7.9	15	30	0	--	--	--	--	--	--	100	--	100	--	
trans-1,3-Dichloropropene	µg/L	17	0%	17	0.19	0.29	7.6	10	19	38	0	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	µg/L	17	29.4%	12	0.16	0.92	6.4	10	16	32	5	1.3	2.6	6.2	21	47	61	5	3	5	3	
Trichlorofluoromethane (Freon-11)	µg/L	17	0%	17	0.29	0.44	12	15	29	58	0	--	--	--	--	--	--	--	--	1300	--	
Vinyl acetate	µg/L	17	0%	17	0.94	1.4	38	50	94	190	0	--	--	--	--	--	--	--	--	410	--	
Vinyl chloride	µg/L	17	0%	17	0.1	0.15	4	5.3	10	20	0	--	--	--	--	--	--	2	--	2	--	
Xylenes (total)	µg/L	17	0%	17	0.19	0.29	7.6	10	19	38	0	--	--	--	--	--	--	10000	--	10000	--	

TABLE 4-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – SHALLOW ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	15	100%	0	--	--	--	--	--	--	15	96	170	220	310	480	750	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	17	100%	0	--	--	--	--	--	--	17	170	770	1200	1300	1800	2900	--	--	--	--
	Carbonate Alkalinity	mg/L	15	0%	15	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Hardness, Total	mg/L	17	100%	0	--	--	--	--	--	--	17	290	1800	3000	3400	4700	10000	--	--	--	--
	Hydroxide alkalinity	mg/L	17	0%	17	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	17	100%	0	--	--	--	--	--	--	17	120	970	1900	2200	2900	7500	--	--	--	--
	pH ^b	--	15	100%	--	--	--	--	--	--	--	15	6.71	6.9	7.2	7.1	7.3	7.47	6.5 - 8.5	0	--	--
	Total Alkalinity	mg/L	15	100%	0	--	--	--	--	--	--	15	96	170	220	310	480	750	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	15	100%	0	--	--	--	--	--	--	15	890	5100	15000	15000	18000	57000	500	15	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the

censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

Note that sample counts less than 17 are due to the exclusion of rejected results, as discussed in the DVSR.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 4-2
DETECTION FREQUENCY REVIEW TABLE FOR SHALLOW ZONE
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 5 of 5)

Parameter of Interest	Compound List	1st Quarter 2009			2nd Quarter 2009			3rd Quarter 2009			4th Quarter 2009			April/May 2010			October 2010			March 2011			October 2011		
		Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.
Water Quality Parameters	Bicarbonate Alkalinity	--	--	--	17	17	100%	17	17	100%	19	19	100%	15	15	100%	17	17	100%	17	17	100%	15	15	100%
	Calcium hardness as calcium carbonate	--	--	--	--	--	--	--	--	--	--	--	--	15	15	100%	17	17	100%	17	17	100%	17	17	100%
	Carbonate Alkalinity	--	--	--	17	0	0%	17	0	0%	19	0	0%	15	0	0%	17	0	0%	17	0	0%	15	0	0%
	Hardness, Total	17	17	100%	17	17	100%	17	17	100%	19	19	100%	15	15	100%	17	17	100%	17	17	100%	17	17	100%
	Hydroxide alkalinity	--	--	--	17	0	0%	17	0	0%	19	0	0%	15	0	0%	17	0	0%	17	0	0%	17	0	0%
	Magnesium hardness as calcium carbonate	--	--	--	--	--	--	--	--	--	--	--	--	15	15	100%	17	17	100%	17	17	100%	17	17	100%
	pH	15	15	100%	15	15	100%	15	15	100%	15	15	100%	15	15	100%	15	15	100%	15	15	100%	15	15	100%
	Total Alkalinity	--	--	--	17	17	100%	17	17	100%	19	19	100%	15	15	100%	17	17	100%	17	17	100%	15	15	100%
	Total Dissolved Solids (TDS)	17	17	100%	17	17	100%	17	17	100%	19	19	100%	15	15	100%	17	17	100%	17	17	100%	15	15	100%

Notes:

TABLE 5-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – APRIL/MAY 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 5)

TABLE 5-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – APRIL/MAY 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 2 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL	
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max					
Organochlorine Pesticides	Endrin	µg/L	6	0%	6	0.01	0.024	0.028	0.025	0.028	0.028	0	--	--	--	--	--	--	2	--	2	--	
	Endrin aldehyde	µg/L	6	0%	6	0.01	0.038	0.047	0.041	0.047	0.047	0	--	--	--	--	--	--	--	--	--	--	
	Endrin ketone	µg/L	6	0%	6	0.02	0.034	0.038	0.035	0.038	0.038	0	--	--	--	--	--	--	--	--	--	--	
	gamma-BHC (Lindane)	µg/L	6	83.3%	1	0.028	--	0.028	0.028	--	0.028	5	0.034	0.5	0.99	4.6	11	11	0.2	4	0.2	4	
	gamma-Chlordane	µg/L	1	0%	1	0.01	--	0.01	0.01	--	0.01	0	--	--	--	--	--	--	--	--	--	--	
	Heptachlor	µg/L	6	0%	6	0.0028	0.0028	0.0028	0.0028	0.0029	0.003	0	--	--	--	--	--	--	0.4	--	0.4	--	
	Heptachlor epoxide	µg/L	6	16.7%	5	0.0024	0.0024	0.0024	0.0024	0.0024	0.0024	1	0.3	--	0.3	0.3	--	0.3	0.2	1	0.2	1	
	Methoxychlor	µg/L	6	0%	6	0.001	0.029	0.038	0.032	0.038	0.038	0	--	--	--	--	--	--	40	--	40	--	
Toxaphene	µg/L	6	0%	6	0.24	0.24	0.24	0.31	0.35	0.66	0	--	--	--	--	--	--	3	--	3	--		
Polynuclear Aromatic Hydrocarbons	Acenaphthene	µg/L	2	0%	2	0.0472	--	1.4	1.4	--	2.8	0	--	--	--	--	--	--	--	--	6.2	--	
	Acenaphthylene	µg/L	2	0%	2	0.0472	--	1.4	1.4	--	2.8	0	--	--	--	--	--	--	--	--	6.2	--	
	Anthracene	µg/L	2	50.0%	1	2.4	--	2.4	2.4	--	2.4	1	0.475	--	0.48	0.48	--	0.475	--	--	6.3	0	
	Benzo(a)anthracene	µg/L	2	0%	2	0.0472	--	1.2	1.2	--	2.4	0	--	--	--	--	--	--	--	--	0.092	--	
	Benzo(a)pyrene	µg/L	2	50.0%	1	2.8	--	2.8	2.8	--	2.8	1	0.116	--	0.12	0.12	--	0.116	0.2	0	0.2	0	
	Benzo(b)fluoranthene	µg/L	2	50.0%	1	1.9	--	1.9	1.9	--	1.9	1	1.05	--	1.1	1.1	--	1.05	--	--	0.092	1	
	Benzo(g,h,i)perylene	µg/L	2	50.0%	1	3.8	--	3.8	3.8	--	3.8	1	0.418	--	0.42	0.42	--	0.418	--	--	1100	0	
	Benzo(k)fluoranthene	µg/L	2	50.0%	1	2.4	--	2.4	2.4	--	2.4	1	0.332	--	0.33	0.33	--	0.332	--	--	0.92	0	
	Chrysene	µg/L	2	50.0%	1	2.4	--	2.4	2.4	--	2.4	1	1.07	--	1.1	1.1	--	1.07	--	--	9.2	0	
	Dibenzo(a,h)anthracene	µg/L	2	0%	2	0.0472	--	1.4	1.4	--	2.8	0	--	--	--	--	--	--	--	--	0.0092	--	
	Indeno(1,2,3-cd)pyrene	µg/L	2	50.0%	1	3.3	--	3.3	3.3	--	3.3	1	0.482	--	0.48	0.48	--	0.482	--	--	0.092	1	
	Phenanthrene	µg/L	2	50.0%	1	3.3	--	3.3	3.3	--	3.3	1	1.92	--	1.9	1.9	--	1.92	--	--	6.2	0	
Pyrene	µg/L	2	50.0%	1	3.8	--	3.8	3.8	--	3.8	1	0.578	--	0.58	0.58	--	0.578	--	--	6.2	0		
Radionuclides	Radium-226	pCi/L	1	0%	1	--	--	--	--	--	--	0	1	--	1	1	--	1	--	--	--	--	
	Radium-226/228	pCi/L	1	0%	1	--	--	--	--	--	--	0	1.52	--	1.5	1.5	--	1.52	5	0	5	0	
	Radium-228	pCi/L	1	0%	1	--	--	--	--	--	--	0	0.515	--	0.52	0.52	--	0.515	--	--	--	--	
	Radon-222	pCi/L	1	0%	1	--	--	--	--	--	--	0	-13.2	--	-13	-13	--	-13.2	4000	0	300	0	
	Thorium-228	pCi/L	1	0%	1	--	--	--	--	--	--	0	0.0313	--	0.031	0.031	--	0.0313	--	--	0.11	0	
	Thorium-230	pCi/L	1	0%	1	--	--	--	--	--	--	0	0.171	--	0.17	0.17	--	0.171	--	--	0.42	0	
	Thorium-232	pCi/L	1	0%	1	--	--	--	--	--	--	0	-0.0228	--	-0.023	-0.023	--	-0.0228	--	--	0.14	0	
	Uranium-233/234	pCi/L	1	0%	1	--	--	--	--	--	--	0	0.244	--	0.24	0.24	--	0.244	--	--	--	--	
Uranium-235/236	pCi/L	1	0%	1	--	--	--	--	--	--	0	0	--	--	--	--	0	--	--	--	--		
Uranium-238	pCi/L	1	0%	1	--	--	--	--	--	--	0	0.15	--	0.15	0.15	--	0.15	--	--	--	--		
Semivolatile Organic Compounds	1,2,4,5-Tetrachlorobenzene	µg/L	4	0%	4	1.79	1.8	1.9	21	60	80	0	--	--	--	--	--	--	--	--	--	11	--
	1,2-Diphenylhydrazine	µg/L	4	0%	4	1.79	1.8	1.9	21	60	80	0	--	--	--	--	--	--	--	--	--	0.084	--
	1,4-Dioxane	µg/L	4	0%	4	0.893	0.91	0.97	11	30	40	0	--	--	--	--	--	--	--	--	--	0.67	--
	2,2'-Dichlorobenzil	µg/L	4	25.0%	3	2.95	3	3.1	3.1	3.3	3.27	1	169	--	170	170	--	169	--	--	11	1	
	2,4,5-Trichlorophenol	µg/L	5	20.0%	4	0.943	0.95	1.9	11	31	40	1	5.96	--	6	6	--	5.96	--	--	3700	0	
	2,4,6-Trichlorophenol	µg/L	5	20.0%	4	1.79	1.8	1.9	21	60	80	1	31	--	31	31	--	31	--	--	6.1	1	
	2,4-Dichlorophenol	µg/L	5	40.0%	3	1.79	1.8	2	28	80	80	2	1.93	--	12	12	--	22	--	--	110	0	
	2,4-Dimethylphenol	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	730	--	
	2,4-Dinitrophenol	µg/L	5	0%	5	7.5	8.2	9.4	87	200	400	0	--	--	--	--	--	--	--	--	73	--	
	2,4-Dinitrotoluene	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	0.22	--	
	2,6-Dinitrotoluene	µg/L	5	0%	5	1.79	1.8	1.9	18	41	80	0	--	--	--	--	--	--	--	--	37	--	
	2-Chloronaphthalene	µg/L	5	40.0%	3	0.347	0.35	2.8	5.7	14	14	2	0.401	--	0.92	0.92	--	1.43	--	--	2.1	0	
	2-Chlorophenol	µg/L	5	40.0%	3	1.89	1.9	2	28	80	80	2	4.55	--	57	57	--	110	--	--	66	1	
	2-Methylnaphthalene	µg/L	5	0%	5	0.268	0.28	0.3	2.9	7	12	0	--	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	µg/L	5	0%	5	1.79	1.8	1.9	18	41	80	0	--	--	--	--	--	--	--	--	110	--	
	2-Nitrophenol	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/L	5	0%	5	0.893	0.92	0.99	10	24	40	0	--	--	--	--	--	--	--	--	0.15	--	
	3-Nitroaniline	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	--	--	--
	4-Bromophenyl phenyl ether	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	µg/L	5	0%	5	1.79	1.8	1.9	18	41	80	0	--	--	--	--	--	--	--	--	0.34	--	
	4-Chlorophenyl phenyl ether	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	--	--	--
	4-Chloroethioanisole	µg/L	4	25.0%	3	3.11	3.1	3.3	46	130	132	1	30.7	--	31	31	--	30.7	--	--	--	--	--
	4-Chlorothiophenol	µg/L	4	75.0%	1	132	--	130	130	--	132	3	4.26	4.3	6	38	100	104	--	--	--	--	--
	4-Nitroaniline	µg/L	5	0%	5	2.68	2.8	3	26	62	120	0	--	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/L	5	0%	5	1.79	1.8	2	18	43	80	0	--	--	--	--	--	--	--	--	290	--	
	Acetophenone	µg/L	4	0%	4	1.79	1.8	1.9	21	60	80	0	--	--	--	--	--	--	--	--	680	--	--
	Aniline	µg/L	5	0%	5	2.23	2.3	2.5	22	52	100	0	--	--	--	--	--	--	--	--	12	--	--

TABLE 5-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – APRIL/MAY 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Semivolatile Organic Compounds	Benzoic acid	µg/L	5	20.0%	4	5.36	5.4	5.8	64	180	240	1	550	--	550	550	--	550	--	--	150000	0
	Benzyl alcohol	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	5	0%	5	2.68	2.7	2.8	26	61	120	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	5	40.0%	3	1.89	1.9	3.8	29	80	80	2	2.18	--	4.3	4.3	--	6.38	6	1	6	1
	bis(p-Chlorophenyl)disulfide	µg/L	4	25.0%	3	3.11	3.1	3.3	46	130	132	1	326	--	330	330	--	326	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	4	25.0%	3	3.11	3.1	3.3	46	130	132	1	141	--	140	140	--	141	--	--	--	--
	Butylbenzyl phthalate	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	4	0%	4	0.179	0.18	0.19	2.1	6	8	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	370000	--
	Di-n-butyl phthalate	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	5	0%	5	2.68	2.8	3	26	62	120	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	4	25.0%	3	3.11	3.1	3.3	46	130	132	1	536	--	540	540	--	536	--	--	--	--
	Diphenyl sulfide	µg/L	4	25.0%	3	3.11	3.1	3.3	46	130	132	1	4.15	--	4.2	4.2	--	4.15	--	--	--	--
	Diphenylamine	µg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	5	0%	5	0.179	0.18	0.2	2.3	5.4	8	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	5	0%	5	0.179	0.18	0.2	2.3	5.4	8	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	4	0%	4	2.95	3	3.2	35	100	132	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	5	0%	5	2.68	2.7	2.8	26	61	120	0	--	--	--	--	--	--	--	--	180	--
	Naphthalene	µg/L	5	0%	5	0.268	0.28	0.3	3.1	7.4	12	0	--	--	--	--	--	--	--	--	0.14	--
	Nitrobenzene	µg/L	5	0%	5	2.68	2.7	2.8	26	61	120	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	5	0%	5	1.79	1.8	2	18	42	80	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	5	0%	5	1.79	1.8	2	18	41	80	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	4	0%	4	2.95	3	3.2	35	100	132	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	4	0%	4	1.79	1.8	1.9	21	60	80	0	--	--	--	--	--	--	--	--	29	--
	Pentachlorophenol	µg/L	5	20.0%	4	1.79	1.8	1.9	21	60	80	1	12	--	12	12	--	12	1	1	1	1
	Phenol	µg/L	5	60.0%	2	0.99	--	20	20	--	40	3	1.68	1.7	2.6	55	160	160	--	--	11000	0
	Phenyl sulfone	µg/L	4	25.0%	3	3.11	3.1	3.3	46	130	132	1	34.7	--	35	35	--	34.7	--	--	110	0
	Pyridine	µg/L	4	0%	4	0.893	0.91	0.97	11	30	40	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	4	25.0%	3	6.23	6.2	6.5	92	260	264	1	262	--	260	260	--	262	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	6	0%	6	2.7	4.7	18	21	34	54	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	6	0%	6	3	5.3	18	23	38	60	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	6	0%	6	3	5.3	20	23	38	60	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	6	0%	6	3	5.3	18	23	38	60	0	--	--	--	--	--	--	5	--	5	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	1	0%	1	7.9	--	7.9	7.9	--	7.9	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	6	50.0%	3	40	40	40	53	80	80	3	16	16	57	45	61	61	--	--	2.4	3
	1,1-Dichloroethene	µg/L	6	0%	6	4.2	4.9	25	31	53	84	0	--	--	--	--	--	--	7	--	7	--
	1,1-Dichloropropene	µg/L	6	0%	6	2.8	3.9	17	21	35	56	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	6	16.7%	5	3	4.5	30	26	45	60	1	17	--	17	17	--	17	--	--	--	--
	1,2,3-Trichloropropane	µg/L	6	0%	6	4	7	28	31	50	80	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	6	16.7%	5	4.8	7.2	48	41	72	96	1	110	--	110	110	--	110	70	1	70	1
	1,2,4-Trimethylbenzene	µg/L	6	16.7%	5	2.3	3.5	23	20	35	46	1	7.5	--	7.5	7.5	--	7.5	--	--	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	6	0%	6	9.7	17	69	76	120	190	0	--	--	--	--	--	--	(blank)	--	(blank)	--
	1,2-Dichlorobenzene	µg/L	6	100%	0	--	--	--	--	--	--	6	33	34	74	2500	4500	13000	600	2	600	2
	1,2-Dichloroethane	µg/L	6	33.3%	4	10	15	28	31	49	56	2	9.8	--	12	12	--	14	5	2	5	2
	1,2-Dichloroethene (total)	µg/L	1	0%	1	13	--	13	13	--	13	0	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/L	6	0%	6	3.5	6.1	22	27	44	70	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	1	0%	1	13	--	13	13	--	13	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	6	0%	6	2.6	4.1	16	19	33	52	0	--	--	--	--	--	--	--	--	15	--
	1,3-Dichlorobenzene	µg/L	6	16.7%	5	3.5	5.3	35	30	53	70	1	500	--	500	500	--	500	--	--	87	1
	1,3-Dichloropropane	µg/L	6	0%	6	3.2	5.6	20	24	40	64	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	6	100%	0	--	--	--	--	--	--	6	96	110	130	5600	9700	30000	75	6	75	6

TABLE 5-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – APRIL/MAY 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL		
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean					Q3	Max
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	1	0%	1	14	--	14	14	--	14	0	--	--	--	--	--	--	--	--	--	
	2,2-Dichloropropane	µg/L	6	0%	6	3.4	6	23	26	43	68	0	--	--	--	--	--	--	--	--	--	
	2,2-Dimethylpentane	µg/L	1	0%	1	14	--	14	14	--	14	0	--	--	--	--	--	--	--	--	--	
	2,3-Dimethylpentane	µg/L	1	0%	1	11	--	11	11	--	11	0	--	--	--	--	--	--	--	--	--	
	2,4-Dimethylpentane	µg/L	1	0%	1	17	--	17	17	--	17	0	--	--	--	--	--	--	--	--	--	
	2-Chlorotoluene	µg/L	6	16.7%	5	2.8	4.2	28	24	42	56	1	44	--	44	44	--	44	--	--	91	0
	2-Hexanone	µg/L	1	0%	1	22	--	22	22	--	22	0	--	--	--	--	--	--	--	--	63	--
	2-Methylhexane	µg/L	1	0%	1	16	--	16	16	--	16	0	--	--	--	--	--	--	--	--	--	--
	2-Nitropropane	µg/L	1	0%	1	40	--	40	40	--	40	0	--	--	--	--	--	--	--	--	0.0014	--
	3,3-Dimethylpentane	µg/L	1	0%	1	15	--	15	15	--	15	0	--	--	--	--	--	--	--	--	--	--
	3-Ethylpentane	µg/L	1	0%	1	14	--	14	14	--	14	0	--	--	--	--	--	--	--	--	--	--
	3-Methylhexane	µg/L	1	0%	1	15	--	15	15	--	15	0	--	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/L	6	16.7%	5	2.9	4.4	29	25	44	58	1	26	--	26	26	--	26	--	--	--	--
	4-Methyl-2-pentanone	µg/L	1	0%	1	12	--	12	12	--	12	0	--	--	--	--	--	--	--	--	2000	--
	Acetone	µg/L	1	0%	1	34	--	34	34	--	34	0	--	--	--	--	--	--	--	--	22000	--
	Acetonitrile	µg/L	1	0%	1	200	--	200	200	--	200	0	--	--	--	--	--	--	--	--	130	--
	Benzene	µg/L	6	100%	0	--	--	--	--	--	--	6	670	3600	21000	47000	110000	140000	5	6	5	6
	Bromobenzene	µg/L	6	16.7%	5	2.7	4.1	27	23	41	54	1	8.8	--	8.8	8.8	--	8.8	--	--	88	0
	Bromodichloromethane	µg/L	6	0%	6	3	5.3	19	23	38	60	0	--	--	--	--	--	--	--	--	0.12	--
	Bromoform	µg/L	6	0%	6	4	7	25	30	50	80	0	--	--	--	--	--	--	--	--	8.5	--
	Bromomethane	µg/L	6	0%	6	4.2	7.4	25	32	53	84	0	--	--	--	--	--	--	--	--	8.7	--
	Carbon tetrachloride	µg/L	6	50.0%	3	2.8	2.8	5.6	21	56	56	3	41	41	220	170	250	250	5	3	5	3
	Chlorobenzene	µg/L	6	100%	0	--	--	--	--	--	--	6	3000	3700	110000	120000	190000	410000	100	6	100	6
	Chlorobromomethane	µg/L	6	0%	6	0.098	3	24	29	50	80	0	--	--	--	--	--	--	--	--	--	--
	Chlorodibromomethane	µg/L	6	0%	6	0.057	3	24	29	50	80	0	--	--	--	--	--	--	--	--	0.15	--
	Chloroethane	µg/L	6	0%	6	4	7	24	30	50	80	0	--	--	--	--	--	--	--	--	23	--
	Chloroform	µg/L	6	100%	0	--	--	--	--	--	--	6	42	50	71	21000	58000	69000	--	--	0.19	6
	Chloromethane	µg/L	6	16.7%	5	4	6	40	34	60	80	1	66	--	66	66	--	66	--	--	2.7	1
	cis-1,2-Dichloroethene	µg/L	6	0%	6	3.2	5.6	20	24	40	64	0	--	--	--	--	--	--	70	--	70	--
	cis-1,3-Dichloropropene	µg/L	6	0%	6	2.2	3.9	15	17	28	44	0	--	--	--	--	--	--	--	--	--	--
	Cymene (Isopropyltoluene)	µg/L	6	0%	6	2.8	3.3	17	21	35	56	0	--	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/L	6	0%	6	3.6	6.3	29	29	45	72	0	--	--	--	--	--	--	--	--	8.2	--
	Dichlorodifluoromethane (Freon-12)	µg/L	6	0%	6	2.6	4.6	17	20	33	52	0	--	--	--	--	--	--	--	--	400	--
	Dichloromethane	µg/L	6	66.7%	2	19	--	57	57	--	95	4	16	60	900	1300	2800	3200	5	4	5	4
	Dimethyl disulfide	µg/L	6	0%	6	5	8.8	36	40	63	100	0	--	--	--	--	--	--	--	--	--	--
	Ethanol	µg/L	1	0%	1	7800	--	7800	7800	--	7800	0	--	--	--	--	--	--	--	--	210000	--
	Ethylbenzene	µg/L	6	0%	6	2.5	4.4	17	19	31	50	0	--	--	--	--	--	--	700	--	700	--
	Isopropylbenzene	µg/L	6	0%	6	2.5	4.3	15	19	31	50	0	--	--	--	--	--	--	--	--	680	--
	m,p-Xylenes	µg/L	6	0%	6	6	6.8	36	44	75	120	0	--	--	--	--	--	--	--	--	1200	--
	Methyl ethyl ketone	µg/L	1	0%	1	52	--	52	52	--	52	0	--	--	--	--	--	--	--	--	7100	--
Methyl iodide	µg/L	1	100%	0	--	--	--	--	--	--	1	110	--	110	110	--	110	--	--	360	0	
MTBE (Methyl tert-butyl ether)	µg/L	1	0%	1	11	--	11	11	--	11	0	--	--	--	--	--	--	--	--	13	--	
n-Butylbenzene	µg/L	6	0%	6	3.7	4	22	27	46	74	0	--	--	--	--	--	--	--	--	250	--	
n-Heptane	µg/L	1	0%	1	0.15	--	0.15	0.15	--	0.15	0	--	--	--	--	--	--	--	--	0.2	--	
Nonanal	µg/L	1	0%	1	41	--	41	41	--	41	0	--	--	--	--	--	--	--	--	--	--	
n-Propylbenzene	µg/L	6	0%	6	2.7	4.4	16	20	34	54	0	--	--	--	--	--	--	--	--	250	--	
o-Xylene	µg/L	6	0%	6	3	4.1	18	22	38	60	0	--	--	--	--	--	--	--	--	1200	--	
sec-Butylbenzene	µg/L	6	0%	6	2.5	4.4	15	19	31	50	0	--	--	--	--	--	--	--	--	250	--	
Styrene	µg/L	6	0%	6	2	3.2	12	15	25	40	0	--	--	--	--	--	--	100	--	100	--	
tert-Butylbenzene	µg/L	6	0%	6	2.2	3.9	13	17	28	44	0	--	--	--	--	--	--	--	--	250	--	
Tetrachloroethene	µg/L	6	50.0%	3	3.2	3.2	6.4	25	64	64	3	19	19	53	44	60	60	5	3	5	3	
Toluene	µg/L	6	33.3%	4	7.2	14	36	38	63	72	2	7.6	--	7.8	7.8	--	7.9	1000	0	1000	0	
Total Trihalomethanes	µg/L	5	120%	0	--	--	--	--	--	--	6	64	72	180	21000	58000	69220	80	4	80	4	
trans-1,2-Dichloroethene	µg/L	6	0%	6	3	5.3	19	23	38	60	0	--	--	--	--	--	--	100	--	100	--	
trans-1,3-Dichloropropene	µg/L	6	0%	6	3.2	5.6	20	24	40	64	0	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	µg/L	6	16.7%	5	5.2	13	26	26	39	52	1	5.3	--	5.3	5.3	--	5.3	5	1	5	1	
Trichlorofluoromethane (Freon-11)	µg/L	6	0%	6	3.4	3.9	20	25	43	68	0	--	--	--	--	--	--	--	--	1300	--	
Vinyl acetate	µg/L	1	0%	1	17	--	17	17	--	17	0	--	--	--	--	--	--	--	--	410	--	
Vinyl chloride	µg/L	6	0%	6	3.2	3.8	24	29	50	80	0	--	--	--	--	--	--	2	--	2	--	
Xylenes (total)	µg/L	1	0%	1	11	--	11	11	--	11	0	--	--	--	--	--	--	10000	--	10000	--	

TABLE 5-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – APRIL/MAY 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 5 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	5	100%	0	--	--	--	--	--	--	5	84	85	86	130	210	320	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	1	100%	0	--	--	--	--	--	--	1	72	--	72	72	--	72	--	--	--	--
	Carbonate Alkalinity	mg/L	6	0%	6	0.54	1.6	2	1.8	2	2	0	--	--	--	--	--	--	--	--	--	--
	Hardness, Total	mg/L	1	100%	0	--	--	--	--	--	--	1	140	--	140	140	--	140	--	--	--	--
	Hydroxide alkalinity	mg/L	6	0%	6	0.54	1.6	2	1.8	2	2	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	1	100%	0	--	--	--	--	--	--	1	64	--	64	64	--	64	--	--	--	--
	pH ^b	--	5	100%	--	--	--	--	--	--	--	5	6.5	6.6	6.8	6.9	7.3	7.83	6.5 - 8.5	0	--	--
	Total Alkalinity	mg/L	5	100%	0	--	--	--	--	--	--	5	84	85	86	130	210	320	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	5	100%	0	--	--	--	--	--	--	5	640	750	850	5200	12000	14000	500	5	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

Note that sample counts less than five are due to the exclusion of rejected results, as discussed in the DVSR.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 5-1b
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – OCTOBER 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 3 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL		
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean					Q3	Max
Semivolatile Organic Compounds	Benzoic acid	µg/L	5	20.0%	4	5.66	5.7	31	160	440	566	1	243	--	240	240	--	243	--	--	150000	0
	Benzyl alcohol	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	5	0%	5	2.83	2.8	28	69	160	283	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	6	--	6	--
	bis(p-Chlorophenyl)disulfide	µg/L	5	20.0%	4	3.11	3.1	17	87	240	311	1	184	--	180	180	--	184	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	5	20.0%	4	3.11	3.1	17	87	240	311	1	105	--	110	110	--	105	--	--	--	--
	Butylbenzyl phthalate	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	5	0%	5	0.189	0.19	1.9	4.6	10	18.9	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	370000	--
	Di-n-butyl phthalate	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	5	0%	5	2.83	2.8	28	69	160	283	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	5	20.0%	4	3.11	3.1	17	87	240	311	1	456	--	460	460	--	456	--	--	--	--
	Diphenyl sulfide	µg/L	5	0%	5	3.11	3.1	31	76	170	311	0	--	--	--	--	--	--	--	--	--	--
	Diphenylamine	µg/L	5	0%	5	2.83	2.8	28	69	160	283	0	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	5	0%	5	0.189	0.19	1.9	4.6	10	18.9	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	5	0%	5	0.189	0.19	1.9	4.6	10	18.9	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	5	0%	5	3.11	3.1	31	76	170	311	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	5	0%	5	2.83	2.8	28	69	160	283	0	--	--	--	--	--	--	--	--	180	--
	Naphthalene	µg/L	5	0%	5	0.283	0.28	2.8	6.9	16	28.3	0	--	--	--	--	--	--	--	--	0.14	--
	Nitrobenzene	µg/L	5	0%	5	2.83	2.8	28	69	160	283	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	5	0%	5	3.11	3.1	31	76	170	311	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	--	--	29	--
	Pentachlorophenol	µg/L	5	0%	5	1.89	1.9	19	46	100	189	0	--	--	--	--	--	--	1	--	1	--
	Phenol	µg/L	5	20.0%	4	0.943	0.94	5.2	26	73	94.3	1	78.9	--	79	79	--	78.9	--	--	11000	0
	Phenyl sulfone	µg/L	5	20.0%	4	3.11	3.1	17	87	240	311	1	32.9	--	33	33	--	32.9	--	--	110	0
	Pyridine	µg/L	5	0%	5	0.943	0.94	9.4	23	52	94.3	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	5	20.0%	4	6.23	6.2	34	170	480	623	1	787	--	790	790	--	787	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	5	0%	5	2.1	3.2	84	52	84	84	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	5	0%	5	1.6	2.4	64	39	64	64	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	5	0%	5	2.1	3.2	84	52	84	84	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	5	0%	5	2.7	4.1	110	68	110	110	0	--	--	--	--	--	--	5	--	5	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	5	0%	5	4.2	6.3	170	100	170	170	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	5	40.0%	3	88	88	88	88	88	88	2	34	--	41	41	--	48	--	--	2.4	2
	1,1-Dichloroethene	µg/L	5	0%	5	2.3	3.5	92	57	92	92	0	--	--	--	--	--	--	7	--	7	--
	1,1-Dichloropropene	µg/L	5	0%	5	1.9	2.9	76	47	76	76	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	5	0%	5	2.1	3.2	84	52	84	84	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/L	5	0%	5	3.3	5	130	80	130	130	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	5	0%	5	2.1	3.2	84	52	84	84	0	--	--	--	--	--	--	70	--	70	--
	1,2,4-Trimethylbenzene	µg/L	5	0%	5	1.5	2.3	60	37	60	60	0	--	--	--	--	--	--	--	--	15	--
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5	0%	5	4.7	7.1	190	120	190	190	0	--	--	--	--	--	--	(blank)	--	(blank)	--
	1,2-Dichlorobenzene	µg/L	5	80.0%	1	60	--	60	60	--	60	4	52	55	680	2900	7800	10000	600	2	600	2
	1,2-Dichloroethane	µg/L	5	0%	5	1.3	2	52	32	52	52	0	--	--	--	--	--	--	5	--	5	--
	1,2-Dichloroethene (total)	µg/L	5	0%	5	2.4	3.6	96	59	96	96	0	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/L	5	0%	5	1.8	2.7	72	44	72	72	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	5	0%	5	3.2	4.8	130	80	130	130	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	5	0%	5	1.6	2.4	64	39	64	64	0	--	--	--	--	--	--	--	--	15	--
	1,3-Dichlorobenzene	µg/L	5	40.0%	3	2.6	2.6	52	36	52	52	2	2.7	--	210	210	--	410	--	--	87	1
	1,3-Dichloropropane	µg/L	5	0%	5	2.2	3.3	88	54	88	88	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	5	100%	0	--	--	--	--	--	--	5	78	82	98	4100	10000	18000	75	5	75	5

TABLE 5-1b
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – OCTOBER 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 4 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	5	0%	5	2.3	3.5	92	57	92	92	0	--	--	--	--	--	--	--	--	--	
	2,2-Dichloropropane	µg/L	5	0%	5	1.8	2.7	72	44	72	72	0	--	--	--	--	--	--	--	--	--	
	2,2-Dimethylpentane	µg/L	5	0%	5	2.3	3.5	92	57	92	92	0	--	--	--	--	--	--	--	--	--	
	2,3-Dimethylpentane	µg/L	5	0%	5	1.9	2.9	76	47	76	76	0	--	--	--	--	--	--	--	--	--	
	2,4-Dimethylpentane	µg/L	5	0%	5	2	3	80	49	80	80	0	--	--	--	--	--	--	--	--	--	
	2-Chlorotoluene	µg/L	5	0%	5	1.7	2.6	68	42	68	68	0	--	--	--	--	--	--	--	--	91	--
	2-Hexanone	µg/L	5	0%	5	17	26	680	420	680	680	0	--	--	--	--	--	--	--	--	63	--
	2-Methylhexane	µg/L	5	0%	5	2.4	3.6	96	59	96	96	0	--	--	--	--	--	--	--	--	--	--
	2-Nitropropane	µg/L	5	0%	5	16	24	640	390	640	640	0	--	--	--	--	--	--	--	--	0.0014	--
	3,3-Dimethylpentane	µg/L	5	0%	5	2.3	3.5	92	57	92	92	0	--	--	--	--	--	--	--	--	--	--
	3-Ethylpentane	µg/L	5	0%	5	2.1	3.2	84	52	84	84	0	--	--	--	--	--	--	--	--	--	--
	3-Methylhexane	µg/L	5	0%	5	2.5	3.8	100	62	100	100	0	--	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/L	5	0%	5	2.1	3.2	84	52	84	84	0	--	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/L	5	0%	5	9.8	15	390	240	390	390	0	--	--	--	--	--	--	--	--	2000	--
	Acetone	µg/L	5	0%	5	19	29	760	470	760	760	0	--	--	--	--	--	--	--	--	22000	--
	Acetonitrile	µg/L	5	0%	5	96	140	3800	2300	3800	3800	0	--	--	--	--	--	--	--	--	130	--
	Benzene	µg/L	5	100%	0	--	--	--	--	--	--	5	93	190	16000	38000	88000	98000	5	5	5	5
	Bromobenzene	µg/L	5	0%	5	1.7	2.6	68	42	68	68	0	--	--	--	--	--	--	--	--	88	--
	Bromodichloromethane	µg/L	5	0%	5	1.7	2.6	68	42	68	68	0	--	--	--	--	--	--	--	--	0.12	--
	Bromoform	µg/L	5	0%	5	1.9	2.9	76	47	76	76	0	--	--	--	--	--	--	--	--	8.5	--
	Bromomethane	µg/L	5	0%	5	2.1	3.2	84	52	84	84	0	--	--	--	--	--	--	--	--	8.7	--
	Carbon tetrachloride	µg/L	5	40.0%	3	1.9	1.9	3.8	27	76	76	2	100	--	180	180	--	250	5	2	5	2
	Chlorobenzene	µg/L	5	100%	0	--	--	--	--	--	--	5	2000	2700	81000	110000	240000	380000	100	5	100	5
	Chlorobromomethane	µg/L	5	0%	5	1	1.5	40	25	40	40	0	--	--	--	--	--	--	--	--	--	--
	Chlorodibromomethane	µg/L	5	0%	5	1.7	2.6	68	42	68	68	0	--	--	--	--	--	--	--	--	0.15	--
	Chloroethane	µg/L	5	0%	5	4.1	6.2	160	98	160	160	0	--	--	--	--	--	--	--	--	23	--
	Chloroform	µg/L	5	80.0%	1	64	--	64	64	--	64	4	6	14	20000	25000	56000	61000	--	--	0.19	4
	Chloromethane	µg/L	5	0%	5	3	4.5	120	74	120	120	0	--	--	--	--	--	--	--	--	2.7	--
	cis-1,2-Dichloroethene	µg/L	5	0%	5	1.5	2.3	60	37	60	60	0	--	--	--	--	--	--	70	--	70	--
	cis-1,3-Dichloropropene	µg/L	5	0%	5	1.6	2.4	64	39	64	64	0	--	--	--	--	--	--	--	--	--	--
	Cymene (Isopropyltoluene)	µg/L	5	0%	5	2	3	80	49	80	80	0	--	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/L	5	0%	5	1.7	2.6	68	42	68	68	0	--	--	--	--	--	--	--	--	8.2	--
	Dichlorodifluoromethane (Freon-12)	µg/L	5	0%	5	3.1	4.7	120	74	120	120	0	--	--	--	--	--	--	--	--	400	--
	Dichloromethane	µg/L	5	40.0%	3	3.2	3.2	6.4	47	130	130	2	1000	--	1400	1400	--	1800	5	2	5	2
	Dimethyl disulfide	µg/L	5	0%	5	2.5	3.8	100	62	100	100	0	--	--	--	--	--	--	--	--	--	--
	Ethanol	µg/L	5	0%	5	940	1400	38000	23000	38000	38000	0	--	--	--	--	--	--	--	--	210000	--
	Ethylbenzene	µg/L	5	0%	5	1.6	2.4	64	39	64	64	0	--	--	--	--	--	--	700	--	700	--
	Isopropylbenzene	µg/L	5	0%	5	1.9	2.9	76	47	76	76	0	--	--	--	--	--	--	--	--	680	--
	m,p-Xylenes	µg/L	5	0%	5	3.4	5.1	140	86	140	140	0	--	--	--	--	--	--	--	--	1200	--
	Methyl ethyl ketone	µg/L	5	0%	5	20	30	800	490	800	800	0	--	--	--	--	--	--	--	--	7100	--
Methyl iodide	µg/L	5	0%	5	2.3	3.5	92	57	92	92	0	--	--	--	--	--	--	--	--	360	--	
MTBE (Methyl tert-butyl ether)	µg/L	5	0%	5	2.5	3.8	100	62	100	100	0	--	--	--	--	--	--	--	--	13	--	
n-Butylbenzene	µg/L	5	0%	5	1.4	2.1	56	34	56	56	0	--	--	--	--	--	--	--	--	250	--	
n-Heptane	µg/L	5	0%	5	2	3	80	49	80	80	0	--	--	--	--	--	--	--	--	0.2	--	
Nonanal	µg/L	5	60.0%	2	470	--	470	470	--	470	3	12	12	28	190	540	540	--	--	--	--	
n-Propylbenzene	µg/L	5	0%	5	1.6	2.4	64	39	64	64	0	--	--	--	--	--	--	--	--	250	--	
o-Xylene	µg/L	5	0%	5	1.9	2.9	76	47	76	76	0	--	--	--	--	--	--	--	--	1200	--	
sec-Butylbenzene	µg/L	5	0%	5	1.7	2.6	68	42	68	68	0	--	--	--	--	--	--	--	--	250	--	
Styrene	µg/L	5	0%	5	1.7	2.6	68	42	68	68	0	--	--	--	--	--	--	100	--	100	--	
tert-Butylbenzene	µg/L	5	0%	5	1.6	2.4	64	39	64	64	0	--	--	--	--	--	--	--	--	250	--	
Tetrachloroethene	µg/L	5	0%	5	2	3	80	49	80	80	0	--	--	--	--	--	--	5	--	5	--	
Toluene	µg/L	5	20.0%	4	1.7	18	68	51	68	68	1	3.4	--	3.4	3.4	--	3.4	1000	0	1000	0	
Total Trihalomethanes	µg/L	5	80.0%	1	138	--	140	140	--	138	4	8.7	17	20000	25000	56000	61110	80	2	80	2	
trans-1,2-Dichloroethene	µg/L	5	0%	5	1.5	2.3	60	37	60	60	0	--	--	--	--	--	--	100	--	100	--	
trans-1,3-Dichloropropene	µg/L	5	0%	5	1.9	2.9	76	47	76	76	0	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	µg/L	5	20.0%	4	3.2	18	64	49	64	64	1	3.5	--	3.5	3.5	--	3.5	5	0	5	0	
Trichlorofluoromethane (Freon-11)	µg/L	5	0%	5	2.9	4.4	120	74	120	120	0	--	--	--	--	--	--	--	--	1300	--	
Vinyl acetate	µg/L	5	0%	5	9.4	14	380	230	380	380	0	--	--	--	--	--	--	--	--	410	--	
Vinyl chloride	µg/L	5	0%	5	4	6	160	98	160	160	0	--	--	--	--	--	--	2	--	2	--	
Xylenes (total)	µg/L	5	0%	5	1.9	2.9	76	47	76	76	0	--	--	--	--	--	--	10000	--	10000	--	

TABLE 5-1b
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – OCTOBER 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 5 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	3	100%	0	--	--	--	--	--	--	3	84	84	93	170	340	340	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	5	100%	0	--	--	--	--	--	--	5	68	100	810	720	1300	1400	--	--	--	--
	Carbonate Alkalinity	mg/L	5	0%	5	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Hardness, Total	mg/L	5	100%	0	--	--	--	--	--	--	5	130	190	1700	1700	3100	3100	--	--	--	--
	Hydroxide alkalinity	mg/L	5	0%	5	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	5	100%	0	--	--	--	--	--	--	5	65	88	840	920	1800	1900	--	--	--	--
	pH ^b	--	5	100%	--	--	--	--	--	--	--	5	4.59	4.9	6.9	6.4	7.6	7.87	6.5 - 8.5	2	--	--
	Total Alkalinity	mg/L	3	100%	0	--	--	--	--	--	--	3	84	84	93	170	340	340	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	3	100%	0	--	--	--	--	--	--	3	810	810	8100	7000	12000	12000	500	3	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

Note that sample counts less than five are due to the exclusion of rejected results, as discussed in the DVSR.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 5-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – MARCH 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 4 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL			
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean					Q3	Max	
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	5	0%	5	2.3	2.3	230	180	350	460	0	--	--	--	--	--	--	--	--	--		
	2,2-Dichloropropane	µg/L	5	0%	5	1.8	1.8	180	140	270	360	0	--	--	--	--	--	--	--	--	--		
	2,2-Dimethylpentane	µg/L	5	0%	5	2.3	2.3	230	180	350	460	0	--	--	--	--	--	--	--	--	--		
	2,3-Dimethylpentane	µg/L	5	0%	5	1.9	1.9	190	150	290	380	0	--	--	--	--	--	--	--	--	--		
	2,4-Dimethylpentane	µg/L	5	0%	5	2	2	200	160	300	400	0	--	--	--	--	--	--	--	--	--		
	2-Chlorotoluene	µg/L	5	0%	5	1.7	1.7	170	140	260	340	0	--	--	--	--	--	--	--	--	91	--	
	2-Hexanone	µg/L	5	0%	5	17	17	1700	1400	2600	3400	0	--	--	--	--	--	--	--	--	63	--	
	2-Methylhexane	µg/L	5	0%	5	2.4	2.4	240	190	360	480	0	--	--	--	--	--	--	--	--	--	--	
	2-Nitropropane	µg/L	5	0%	5	16	16	1600	1300	2400	3200	0	--	--	--	--	--	--	--	--	0.0014	--	
	3,3-Dimethylpentane	µg/L	5	0%	5	2.3	2.3	230	180	350	460	0	--	--	--	--	--	--	--	--	--	--	
	3-Ethylpentane	µg/L	5	0%	5	2.1	2.1	210	170	320	420	0	--	--	--	--	--	--	--	--	--	--	
	3-Methylhexane	µg/L	5	0%	5	2.5	2.5	250	200	380	500	0	--	--	--	--	--	--	--	--	--	--	
	4-Chlorotoluene	µg/L	5	0%	5	2.1	2.1	210	170	320	420	0	--	--	--	--	--	--	--	--	--	--	
	4-Methyl-2-pentanone	µg/L	5	0%	5	9.8	9.8	980	800	1500	2000	0	--	--	--	--	--	--	--	--	2000	--	
	Acetone	µg/L	5	0%	5	19	19	1900	1500	2900	3800	0	--	--	--	--	--	--	--	--	22000	--	
	Acetonitrile	µg/L	5	0%	5	96	96	9600	7700	14000	19000	0	--	--	--	--	--	--	--	--	130	--	
	Benzene	µg/L	5	100%	0	--	--	--	--	--	--	--	5	110	120	22000	54000	130000	140000	5	5	5	5
	Bromobenzene	µg/L	5	0%	5	1.7	1.7	170	140	260	340	0	--	--	--	--	--	--	--	--	--	88	--
	Bromodichloromethane	µg/L	5	0%	5	1.7	1.7	170	140	260	340	0	--	--	--	--	--	--	--	--	--	0.12	--
	Bromoform	µg/L	5	0%	5	1.9	1.9	190	150	290	380	0	--	--	--	--	--	--	--	--	--	8.5	--
	Bromomethane	µg/L	5	0%	5	2.1	2.1	210	170	320	420	0	--	--	--	--	--	--	--	--	--	8.7	--
	Carbon tetrachloride	µg/L	5	20.0%	4	1.9	1.9	96	140	330	380	1	260	--	260	260	--	260	5	1	5	1	1
	Chlorobenzene	µg/L	5	100%	0	--	--	--	--	--	--	--	5	3000	4000	150000	150000	300000	430000	100	5	100	5
	Chlorobromomethane	µg/L	5	0%	5	1	1	100	80	150	200	0	--	--	--	--	--	--	--	--	--	--	--
	Chlorodibromomethane	µg/L	5	0%	5	1.7	1.7	170	140	260	340	0	--	--	--	--	--	--	--	--	--	0.15	--
	Chloroethane	µg/L	5	0%	5	4.1	4.1	410	330	620	820	0	--	--	--	--	--	--	--	--	--	23	--
	Chloroform	µg/L	5	80.0%	1	160	--	160	160	--	160	4	17	19	31000	31000	62000	62000	--	--	--	0.19	4
	Chloromethane	µg/L	5	0%	5	3	3	300	240	450	600	0	--	--	--	--	--	--	--	--	--	2.7	--
	cis-1,2-Dichloroethene	µg/L	5	0%	5	1.5	1.5	150	120	230	300	0	--	--	--	--	--	--	70	--	--	70	--
	cis-1,3-Dichloropropene	µg/L	5	0%	5	1.6	1.6	160	130	240	320	0	--	--	--	--	--	--	--	--	--	--	--
	Cymene (Isopropyltoluene)	µg/L	5	0%	5	2	2	200	160	300	400	0	--	--	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/L	5	0%	5	1.7	1.7	170	140	260	340	0	--	--	--	--	--	--	--	--	--	8.2	--
	Dichlorodifluoromethane (Freon-12)	µg/L	5	0%	5	3.1	3.1	310	250	470	620	0	--	--	--	--	--	--	--	--	--	400	--
	Dichloromethane	µg/L	5	20.0%	4	3.2	3.2	160	240	560	640	1	1600	--	1600	1600	--	1600	5	1	5	1	1
	Dimethyl disulfide	µg/L	5	0%	5	2.5	2.5	250	200	380	500	0	--	--	--	--	--	--	--	--	--	--	--
	Ethanol	µg/L	5	0%	5	940	940	94000	76000	140000	190000	0	--	--	--	--	--	--	--	--	--	210000	--
	Ethylbenzene	µg/L	5	0%	5	1.6	1.6	160	130	240	320	0	--	--	--	--	--	--	700	--	--	700	--
	Isopropylbenzene	µg/L	5	0%	5	1.9	1.9	190	150	290	380	0	--	--	--	--	--	--	--	--	--	680	--
	m,p-Xylenes	µg/L	5	0%	5	3.4	3.4	340	270	510	680	0	--	--	--	--	--	--	--	--	--	1200	--
	Methyl ethyl ketone	µg/L	5	0%	5	20	20	2000	1600	3000	4000	0	--	--	--	--	--	--	--	--	--	7100	--
Methyl iodide	µg/L	5	0%	5	2.3	2.3	230	180	350	460	0	--	--	--	--	--	--	--	--	--	360	--	
MTBE (Methyl tert-butyl ether)	µg/L	5	0%	5	2.5	2.5	250	200	380	500	0	--	--	--	--	--	--	--	--	--	13	--	
n-Butylbenzene	µg/L	5	0%	5	1.4	1.4	140	110	210	280	0	--	--	--	--	--	--	--	--	--	250	--	
n-Heptane	µg/L	5	0%	5	2	2	200	160	300	400	0	--	--	--	--	--	--	--	--	--	0.2	--	
Nonanal	µg/L	5	0%	5	12	12	1200	960	1800	2400	0	--	--	--	--	--	--	--	--	--	--	--	
n-Propylbenzene	µg/L	5	0%	5	1.6	1.6	160	130	240	320	0	--	--	--	--	--	--	--	--	--	250	--	
o-Xylene	µg/L	5	0%	5	1.9	1.9	190	150	290	380	0	--	--	--	--	--	--	--	--	--	1200	--	
sec-Butylbenzene	µg/L	5	0%	5	1.7	1.7	170	140	260	340	0	--	--	--	--	--	--	--	--	--	250	--	
Styrene	µg/L	5	0%	5	1.7	1.7	170	140	260	340	0	--	--	--	--	--	--	100	--	--	100	--	
tert-Butylbenzene	µg/L	5	0%	5	1.6	1.6	160	130	240	320	0	--	--	--	--	--	--	--	--	--	250	--	
Tetrachloroethene	µg/L	5	0%	5	2	2	200	160	300	400	0	--	--	--	--	--	--	5	--	--	5	--	
Toluene	µg/L	5	20.0%	4	1.7	44	170	170	300	340	1	4.4	--	4.4	4.4	--	4.4	1000	--	0	1000	0	
Total Trihalomethanes	µg/L	5	80.0%	1	345	--	350	350	--	345	4	19.7	22	31000	31000	62000	62530	80	2	80	80	2	
trans-1,2-Dichloroethene	µg/L	5	0%	5	1.5	1.5	150	120	230	300	0	--	--	--	--	--	--	100	--	--	100	--	
trans-1,3-Dichloropropene	µg/L	5	0%	5	1.9	1.9	190	150	290	380	0	--	--	--	--	--	--	--	--	--	--	--	
Trichloroethene	µg/L	5	40.0%	3	160	160	160	210	320	320	2	3.2	--	4.2	4.2	--	5.1	5	1	5	1	1	
Trichlorofluoromethane (Freon-11)	µg/L	5	0%	5	2.9	2.9	290	230	440	580	0	--	--	--	--	--	--	--	--	--	1300	--	
Vinyl acetate	µg/L	5	0%	5	9.4	9.4	940	760	1400	1900	0	--	--	--	--	--	--	--	--	--	410	--	
Vinyl chloride	µg/L	5	0%	5	1	1	100	80	150	200	0	--	--	--	--	--	--	2	--	--	2	--	
Xylenes (total)	µg/L	5	0%	5	1.9	1.9	190	150	290	380	0	--	--	--	--	--	--	10000	--	--	10000	--	

TABLE 5-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – MARCH 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 5 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	4	100%	0	--	--	--	--	--	--	4	79	80	84	85	91	93	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	5	100%	0	--	--	--	--	--	--	5	68	110	900	720	1300	1300	--	--	--	--
	Carbonate Alkalinity	mg/L	4	0%	4	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Hardness, Total	mg/L	5	100%	0	--	--	--	--	--	--	5	140	200	1900	1700	3200	3200	--	--	--	--
	Hydroxide alkalinity	mg/L	5	0%	5	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	5	100%	0	--	--	--	--	--	--	5	68	84	990	970	1900	1900	--	--	--	--
	pH ^b	--	5	100%	--	--	--	--	--	--	--	5	6.27	6.4	7.2	7.1	7.7	7.72	6.5 - 8.5	1	--	--
	Total Alkalinity	mg/L	4	100%	0	--	--	--	--	--	--	4	79	80	84	85	91	93	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	4	100%	0	--	--	--	--	--	--	4	620	670	2400	3400	7200	8200	500	4	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

Note that sample counts less than five are due to the exclusion of rejected results, as discussed in the DVSR.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 5-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 3 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL		
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean					Q3	Max
Semivolatile Organic Compounds	Benzoic acid	µg/L	5	20.0%	4	12	12	35	35	58	58.3	1	485	--	490	490	--	485	--	--	150000	0
	Benzyl alcohol	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	5	0%	5	6	6	28	20	29	29.1	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	6	--	6	--
	bis(p-Chlorophenyl)disulfide	µg/L	5	20.0%	4	6.6	6.6	19	19	32	31.7	1	45.7	--	46	46	--	45.7	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	5	20.0%	4	6.6	6.6	19	19	32	31.7	1	76.7	--	77	77	--	76.7	--	--	--	--
	Butylbenzyl phthalate	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	5	0%	5	0.4	0.4	1.9	1.3	1.9	1.94	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	370000	--
	Di-n-butyl phthalate	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	5	0%	5	6	6	28	20	29	29.1	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	5	20.0%	4	6.6	6.6	19	19	32	31.7	1	186	--	190	190	--	186	--	--	--	--
	Diphenyl sulfide	µg/L	5	0%	5	6.6	6.6	31	22	32	32	0	--	--	--	--	--	--	--	--	--	--
	Diphenylamine	µg/L	5	0%	5	6	6	28	20	29	29.1	0	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	5	0%	5	0.4	0.4	1.9	1.3	1.9	1.94	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	5	0%	5	0.4	0.4	1.9	1.3	1.9	1.94	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	5	0%	5	6.6	6.6	31	22	32	32	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	5	0%	5	6	6	28	20	29	29.1	0	--	--	--	--	--	--	--	--	180	--
	Naphthalene	µg/L	5	0%	5	0.6	0.6	2.8	2	2.9	2.91	0	--	--	--	--	--	--	--	--	0.14	--
	Nitrobenzene	µg/L	5	0%	5	6	6	28	20	29	29.1	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	5	0%	5	6.6	6.6	31	22	32	32	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	--	--	29	--
	Pentachlorophenol	µg/L	5	0%	5	4	4	19	13	19	19.4	0	--	--	--	--	--	--	1	--	1	--
	Phenol	µg/L	5	40.0%	3	2	2	2	4.6	9.7	9.71	2	10.4	--	36	36	--	60.6	--	--	11000	0
	Phenyl sulfone	µg/L	5	0%	5	6.6	6.6	31	22	32	32	0	--	--	--	--	--	--	--	--	110	--
	Pyridine	µg/L	5	0%	5	2	2	9.4	6.6	9.7	9.71	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	5	0%	5	13.2	13	62	43	64	64.1	0	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	5	0%	5	0.21	1.2	84	56	97	110	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	5	0%	5	0.16	0.88	64	42	72	80	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	5	0%	5	0.21	1.2	84	56	97	110	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	5	0%	5	0.27	1.5	110	73	130	140	0	--	--	--	--	--	--	5	--	5	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	5	0%	5	0.42	2.3	170	110	190	210	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	5	60.0%	2	88	--	99	99	--	110	3	52	52	91	110	190	190	--	--	2.4	3
	1,1-Dichloroethene	µg/L	5	40.0%	3	92	92	92	100	120	120	2	1.7	--	3.1	3.1	--	4.4	7	0	7	0
	1,1-Dichloropropene	µg/L	5	0%	5	0.19	1	76	50	86	95	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	5	20.0%	4	2.1	23	84	70	100	110	1	0.57	--	0.57	0.57	--	0.57	--	--	--	--
	1,2,3-Trichloropropane	µg/L	5	0%	5	0.33	1.8	130	87	150	170	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	5	20.0%	4	2.1	23	84	70	100	110	1	2.6	--	2.6	2.6	--	2.6	70	0	70	0
	1,2,4-Trimethylbenzene	µg/L	5	0%	5	0.15	0.83	60	39	68	75	0	--	--	--	--	--	--	--	--	15	--
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	5	0%	5	0.47	2.6	190	130	220	240	0	--	--	--	--	--	--	0.2	--	0.2	--
	1,2-Dichlorobenzene	µg/L	5	80.0%	1	60	--	60	60	--	60	4	85	96	440	1400	3700	4700	600	2	600	2
	1,2-Dichloroethane	µg/L	5	60.0%	2	52	--	59	59	--	65	3	16	16	18	230	660	660	5	3	5	3
	1,2-Dichloroethene (total)	µg/L	5	20.0%	4	2.4	26	96	79	110	120	1	0.41	--	0.41	0.41	--	0.41	--	--	--	--
	1,2-Dichloropropane	µg/L	5	0%	5	0.18	0.99	72	47	81	90	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	5	0%	5	0.32	1.8	130	85	150	160	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	5	0%	5	0.16	0.88	64	42	72	80	0	--	--	--	--	--	--	--	--	15	--
	1,3-Dichlorobenzene	µg/L	5	80.0%	1	52	--	52	52	--	52	4	3.7	4.3	100	400	1100	1400	--	--	87	2
1,3-Dichloropropane	µg/L	5	0%	5	0.22	1.2	88	58	99	110	0	--	--	--	--	--	--	--	--	8.3	--	
1,4-Dichlorobenzene	µg/L	5	80.0%	1	64	--	64	64	--	64	4	120	140	800	2400	6400	8000	75	4	75	4	

TABLE 5-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – MIDDLE ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL	
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max					
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	4	100%	0	--	--	--	--	--	--	4	71	75	91	110	150	170	--	--	--	--	
	Calcium hardness as calcium carbonate	mg/L	5	100%	0	--	--	--	--	--	--	5	77	110	1100	1200	2300	3000	--	--	--	--	
	Carbonate Alkalinity	mg/L	4	0%	4	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--	
	Hardness, Total	mg/L	5	100%	0	--	--	--	--	--	--	5	150	200	2300	2800	5600	7500	--	--	--	--	
	Hydroxide alkalinity	mg/L	5	0%	5	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--	
	Magnesium hardness as calcium carbonate	mg/L	5	100%	0	--	--	--	--	--	--	5	75	88	1200	1600	3400	4600	--	--	--	--	
	pH ^b	--	5	100%	--	--	--	--	--	--	--	5	6.83	6.9	7.3	7.3	7.7	7.68	6.5 - 8.5	0	--	--	--
	Total Alkalinity	mg/L	4	100%	0	--	--	--	--	--	--	4	71	75	91	110	150	170	--	--	--	--	
Total Dissolved Solids (TDS)	mg/L	4	100%	0	--	--	--	--	--	--	4	630	680	2900	3800	7800	8700	500	4	--	--		

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the

censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

Note that sample counts less than five are due to the exclusion of rejected results, as discussed in the DVSR.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 5-2
DETECTION FREQUENCY REVIEW TABLE FOR MIDDLE ZONE
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 5 of 5)

Parameter of Interest	Compound List	1st Quarter 2009			2nd Quarter 2009			3rd Quarter 2009			4th Quarter 2009			April/May 2010			October 2010			March 2011			October 2011		
		Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.
Water Quality Parameters	Bicarbonate Alkalinity	--	--	--	--	--	--	--	--	--	5	5	100%	6	5	83.3%	5	5	100%	5	5	100%	4	4	100%
	Calcium hardness as calcium carbonate	--	--	--	--	--	--	--	--	--	--	--	--	1	1	100%	5	5	100%	5	5	100%	5	5	100%
	Carbonate Alkalinity	--	--	--	--	--	--	--	--	--	5	0	0%	6	0	0%	5	0	0%	5	0	0%	4	0	0%
	Hardness, Total	--	--	--	--	--	--	--	--	--	1	1	100%	1	1	100%	5	5	100%	5	5	100%	5	5	100%
	Hydroxide alkalinity	--	--	--	--	--	--	--	--	--	5	0	0%	6	0	0%	5	0	0%	5	0	0%	5	0	0%
	Magnesium hardness as calcium carbonate	--	--	--	--	--	--	--	--	--	--	--	--	1	1	100%	5	5	100%	5	5	100%	5	5	100%
	pH	5	5	100%	5	5	100%	5	5	100%	5	5	100%	5	5	100%	5	5	100%	5	5	100%	5	5	100%
	Total Alkalinity	--	--	--	--	--	--	--	--	--	5	5	100%	6	5	83.3%	5	5	100%	5	5	100%	4	4	100%
	Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	5	5	100%	6	5	83.3%	5	5	100%	5	5	100%	4	4	100%

Notes:

TABLE 5-3
MONITORING WELL MC-MW-12 DENSE NON-AQUEOUS PHASE LIQUID (DNAPL) RESULTS
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 5)

Parameter of Interest	Compound List	Units	Water Solubility ⁽¹⁾	DNAPL Result				Percent Solubility ⁽²⁾			
				Apr-May 2010	October 2010	March 2011	October 2011	Apr-May 2010	October 2010	March 2011	October 2011
Semivolatile Organic Compounds	1,2,4,5-Tetrachlorobenzene	mg/L	6.0 E-1	< 1940 UJ	< 1850 U	--	< 100 U	--	>100%	--	>100%
	1,2-Diphenylhydrazine	mg/L	2.2 E+2	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	1,4-Dioxane	mg/L	1.0 E+6	< 1940 UJ	< 1850 U	--	< 50 U	--	--	--	--
	2,2'-Dichlorobenzil	mg/L	--	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	2,4,5-Trichlorophenol	mg/L	1.2 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 50 U	--	--	--	--
	2,4,6-Trichlorophenol	mg/L	8.0 E+2	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	0.8%	--
	2,4-Dichlorophenol	mg/L	4.5 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	0.4%	--
	2,4-Dimethylphenol	mg/L	7.9 E+3	< 1940 UJ	< 1850 U	< 28900 U	< 100 U	--	--	--	--
	2,4-Dinitrophenol	mg/L	2.8 E+3	< 3690 UJ	< 3520 U	< 31400 U	< 500 U	--	--	--	--
	2,4-Dinitrotoluene	mg/L	2.0 E+2	< 971 UJ	< 926 U	< 8260 U	< 100 U	--	--	--	--
	2,6-Dinitrotoluene	mg/L	1.5 E+2	< 971 UJ	< 926 U	< 8260 U	< 100 U	--	--	--	--
	2-Chloronaphthalene	mg/L	1.2 E+1	< 340 UJ	< 324 U	< 2730 U	< 17.5 U	--	--	13%	--
	2-Chlorophenol	mg/L	1.1 E+4	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	0.5%	0.3%
	2-Methylnaphthalene	mg/L	2.5 E+1	< 194 UJ	< 185 U	< 1650 U	< 15 U	--	--	--	--
	2-Nitroaniline	mg/L	1.5 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	2-Nitrophenol	mg/L	2.5 E+3	< 971 UJ	< 926 U	< 16500 U	< 100 U	--	--	--	--
	3,3'-Dichlorobenzidine	mg/L	3.1 E+0	< 2910 UJ	< 2780 U	< 24800 U	< 50 U	--	--	--	--
	3-Nitroaniline	mg/L	1.2 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	4-Bromophenyl phenyl ether	mg/L	5.7 E+0	< 971 UJ	< 926 U	< 16500 U	< 100 U	--	--	--	--
	4-Chloro-3-methylphenol	mg/L	4.0 E+3	< 971 UJ	< 926 U	< 16500 U	< 100 U	--	--	--	--
	4-Chloroaniline	mg/L	3.9 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	4-Chlorophenyl phenyl ether	mg/L	3.3 E+0	< 971 UJ	< 926 U	< 16500 U	< 100 U	--	--	--	--
	4-Chlorothioanisole	mg/L	6.2 E+1	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	4-Chlorothiophenol	mg/L	--	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	4-Nitroaniline	mg/L	7.3 E+2	< 1940 UJ	< 1850 U	< 24800 U	< 150 U	--	--	--	--
	4-Nitrophenol	mg/L	1.2 E+4	< 1940 UJ	< 1850 U	< 27300 U	< 100 U	--	--	--	--
	Acenaphthene	mg/L	3.9 E+0	--	--	< 2730 U	--	--	--	--	--
	Acenaphthylene	mg/L	1.6 E+1	--	--	< 2480 U	--	--	--	--	--
	Acetophenone	mg/L	6.1 E+3	< 971 UJ	< 926 U	< 16500 U	< 100 U	--	--	--	--
	Aniline	mg/L	3.6 E+4	< 3400 UJ	< 3240 U	< 24800 U	< 125 U	--	--	--	--
	Anthracene	mg/L	4.3 E-2	--	--	< 1650 U	--	>100%	--	--	--
	Benzo(a)anthracene	mg/L	9.4 E-3	--	--	< 2480 U	--	--	--	--	--
	Benzo(a)pyrene	mg/L	1.6 E-3	--	--	< 2480 U	--	>100%	--	--	--
	Benzo(b)fluoranthene	mg/L	1.5 E-3	--	--	< 2480 U	--	>100%	--	--	--

TABLE 5-3
MONITORING WELL MC-MW-12 DENSE NON-AQUEOUS PHASE LIQUID (DNAPL) RESULTS
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Parameter of Interest	Compound List	Units	Water Solubility ⁽¹⁾	DNAPL Result				Percent Solubility ⁽²⁾			
				Apr-May 2010	October 2010	March 2011	October 2011	Apr-May 2010	October 2010	March 2011	October 2011
Semivolatile Organic Compounds	Benzo(g,h,i)perylene	mg/L	2.6 E-4	--	--	< 2480 U	--	>100%	--	--	--
	Benzo(k)fluoranthene	mg/L	8.0 E-4	--	--	< 2480 U	--	>100%	--	--	--
	Benzoic acid	mg/L	3.4 E+3	< 4850 UJ	< 4630 U	< 41300 U	< 300 U	--	--	--	--
	Benzyl alcohol	mg/L	4.3 E+4	< 2910 UJ	< 2780 U	< 24800 U	< 100 U	--	--	--	--
	bis(2-Chloroethoxy)methane	mg/L	7.8 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 150 U	--	--	--	--
	bis(2-Chloroethyl)ether	mg/L	1.7 E+4	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	bis(2-Chloroisopropyl)ether	mg/L	1.7 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	bis(2-Ethylhexyl)phthalate	mg/L	2.7 E-1	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	bis(p-Chlorophenyl)disulfide	mg/L	--	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	bis(p-Chlorophenyl)sulfone	mg/L	5.1 E-1	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	Butylbenzyl phthalate	mg/L	2.7 E+0	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	Carbazole	mg/L	1.8 E+0	< 291 UJ	< 278 U	< 2480 U	< 10 U	--	--	--	--
	Chrysene	mg/L	2.0 E-3	--	--	< 2480 U	--	>100%	--	--	--
	Dibenzo(a,h)anthracene	mg/L	2.5 E-3	--	--	< 2480 U	--	--	--	--	--
	Dibenzofuran	mg/L	3.1 E+0	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	Diethyl phthalate	mg/L	1.1 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	Dimethyl phthalate	mg/L	4.0 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	Di-n-butyl phthalate	mg/L	1.1 E+1	< 971 UJ	< 926 U	< 16500 U	< 100 U	--	--	--	--
	Di-n-octyl phthalate	mg/L	2.2 E-2	< 1940 UJ	< 1850 U	< 16500 U	< 150 U	--	--	--	--
	Diphenyl disulfide	mg/L	--	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	Diphenyl sulfide	mg/L	--	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	Diphenylamine	mg/L	5.3 E+1	--	< 1850 U	< 16500 U	< 150 U	--	--	--	--
	Fluoranthene	mg/L	2.6 E-1	< 291 UJ	< 278 U	< 2480 U	< 10 U	--	--	--	--
	Fluorene	mg/L	1.7 E+0	< 291 UJ	< 278 U	< 2480 U	< 10 U	--	--	--	--
	Hexachlorobenzene	mg/L	6.2 E-3	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	Hexachlorobutadiene	mg/L	3.2 E+0	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	Hexachlorocyclopentadiene	mg/L	1.8 E+0	< 1940 UJ	< 1850 U	< 16500 UJ	< 100 U	--	--	--	--
	Hexachloroethane	mg/L	5.0 E+1	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	Hydroxymethyl phthalimide	mg/L	--	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	Indeno(1,2,3-cd)pyrene	mg/L	1.9 E-4	--	--	< 2480 U	--	>100%	--	--	--
	Isophorone	mg/L	1.2 E+4	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	m,p-Cresols	mg/L	2.2 E+4	< 3880 UJ	< 3700 U	< 24800 U	< 150 U	--	--	--	--
	Naphthalene	mg/L	3.1 E+1	< 291 UJ	< 278 U	< 2480 U	< 15 U	--	--	--	--
	Nitrobenzene	mg/L	2.1 E+3	< 1940 UJ	< 1850 U	< 16500 U	< 150 U	--	--	--	--

TABLE 5-3
MONITORING WELL MC-MW-12 DENSE NON-AQUEOUS PHASE LIQUID (DNAPL) RESULTS
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Parameter of Interest	Compound List	Units	Water Solubility ⁽¹⁾	DNAPL Result				Percent Solubility ⁽²⁾			
				Apr-May 2010	October 2010	March 2011	October 2011	Apr-May 2010	October 2010	March 2011	October 2011
Semivolatile Organic Compounds	N-nitrosodi-n-propylamine	mg/L	1.3 E+4	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	o-Cresol	mg/L	2.6 E+4	< 1940 UJ	< 1850 U	< 16500 U	< 100 U	--	--	--	--
	Octachlorostyrene	mg/L	4.6 E-3	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	Pentachlorobenzene	mg/L	8.3 E-1	< 1940 UJ	< 1850 U	--	< 100 U	--	--	--	--
	Pentachlorophenol	mg/L	1.4 E+1	< 1940 UJ	< 1850 U	< 20700 U	< 100 U	--	--	--	--
	Phenanthrene	mg/L	1.2 E+0	--	--	< 2480 U	--	>100%	--	--	--
	Phenol	mg/L	8.3 E+4	< 1940 UJ	< 1850 U	< 16500 U	< 50 U	--	--	--	0.01%
	Phenyl sulfone	mg/L	--	< 3200 UJ	< 3060 U	--	< 165 U	--	--	--	--
	Pyrene	mg/L	1.4 E-1	--	--	< 2480 U	--	>100%	--	--	--
	Pyridine	mg/L	1.0 E+6	< 1940 UJ	< 1850 U	< 16500 U	< 50 U	--	--	--	--
	Thiophenol	mg/L	8.4 E+2	< 3200 UJ	< 3060 U	--	< 330 U	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	mg/L	1.1 E+3	< 9 U	< 0.18 UJ	< 56 U	< 250 U	--	--	--	--
	1,1,1-Trichloroethane	mg/L	1.3 E+3	< 6.7 U	< 0.14 UJ	< 40 U	< 290 U	--	--	--	--
	1,1,2,2-Tetrachloroethane	mg/L	2.8 E+3	< 9.8 U	< 0.2 UJ	< 61 U	< 420 U	--	--	--	--
	1,1,2-Trichloroethane	mg/L	4.6 E+3	< 6.3 U	< 0.3 UJ	< 120 U	< 570 U	--	--	--	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	mg/L	1.7 E+2	< 7.9 U	< 0.2 UJ	< 110 U	< 250 U	--	--	--	--
	1,1-Dichloroethane	mg/L	5.0 E+3	< 6.8 U	< 0.14 UJ	< 40 U	< 390 U	0.3%	--	--	--
	1,1-Dichloroethene	mg/L	2.4 E+3	< 5.1 U	< 0.17 UJ	< 97 U	< 360 U	--	--	--	--
	1,1-Dichloropropene	mg/L	3.0 E+0	< 4.3 U	< 0.16 UJ	< 45 U	< 300 U	--	--	--	--
	1,2,3-Trichlorobenzene	mg/L	1.8 E+1	200	210 J	420 J	< 650 U	94%	--	--	--
	1,2,3-Trichloropropane	mg/L	1.8 E+3	< 15 U	< 0.31 UJ	< 210 U	< 560 U	--	--	--	--
	1,2,4-Trichlorobenzene	mg/L	4.9 E+1	1500	1500 J	2700	< 550 U	>100%	--	--	--
	1,2,4-Trimethylbenzene	mg/L	5.7 E+1	< 4.1 U	< 0.17 UJ	< 54 U	< 400 U	13%	--	--	--
	1,2-Dibromo-3-chloropropane (DBCP)	mg/L	1.2 E+3	< 41 U	< 0.82 UJ	< 260 U	< 1200 U	--	--	--	--
	1,2-Dichlorobenzene	mg/L	1.6 E+2	41000 J	7700 J	54000	3400 J	>100%	>100%	>100%	>100%
	1,2-Dichloroethane	mg/L	8.6 E+3	< 10 U	< 0.2 UJ	< 44 U	< 370 U	--	--	--	--
	1,2-Dichloroethene (total)	mg/L	5.0 E+3	< 13 U	< 0.31 UJ	< 71 U	< 240 U	--	--	--	--
	1,2-Dichloropropane	mg/L	2.8 E+3	< 9.7 U	< 0.19 UJ	< 63 U	< 320 U	--	--	--	--
	1,3,5-Trichlorobenzene	mg/L	--	< 13 U	< 0.26 UJ	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	mg/L	4.8 E+1	< 4.6 U	< 0.16 UJ	< 50 U	< 280 U	--	--	--	--
	1,3-Dichlorobenzene	mg/L	1.3 E+2	2000	1900 J	3100	< 230 U	>100%	>100%	>100%	>100%
	1,3-Dichloropropane	mg/L	2.8 E+3	< 7.2 U	< 0.14 UJ	< 29 U	< 240 U	--	--	--	--
	1,4-Dichlorobenzene	mg/L	8.1 E+1	97000	18000 J	120000	6500	>100%	>100%	>100%	>100%
	2,2,3-Trimethylbutane	mg/L	--	< 14 U	< 0.29 UJ	--	--	--	--	--	--

TABLE 5-3
MONITORING WELL MC-MW-12 DENSE NON-AQUEOUS PHASE LIQUID (DNAPL) RESULTS
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Parameter of Interest	Compound List	Units	Water Solubility ⁽¹⁾	DNAPL Result				Percent Solubility ⁽²⁾			
				Apr-May 2010	October 2010	March 2011	October 2011	Apr-May 2010	October 2010	March 2011	October 2011
Volatile Organic Compounds	2,2-Dichloropropane	mg/L	2.8 E+3	< 12 U	< 0.28 UJ	< 97 U	< 540 U	--	--	--	--
	2,2-Dimethylpentane	mg/L	--	< 14 U	< 0.29 UJ	--	--	--	--	--	--
	2,3-Dimethylpentane	mg/L	--	< 11 U	< 0.23 UJ	--	--	--	--	--	--
	2,4-Dimethylpentane	mg/L	--	< 17 U	< 0.33 UJ	--	--	--	--	--	--
	2-Chlorotoluene	mg/L	3.7 E+2	160	< 0.16 UJ	190 J	< 340 U	12%	--	--	--
	2-Hexanone	mg/L	1.7 E+4	< 22 U	< 0.45 UJ	< 50 U	< 590 U	--	--	--	--
	2-Methylhexane	mg/L	--	45 J	< 0.32 UJ	--	--	--	--	--	--
	2-Nitropropane	mg/L	1.7 E+4	< 40 U	< 0.79 UJ	< 97 U	< 640 U	--	--	--	--
	3,3-Dimethylpentane	mg/L	--	< 15 U	< 0.3 UJ	--	--	--	--	--	--
	3-Ethylpentane	mg/L	--	< 14 U	< 0.28 UJ	--	--	--	--	--	--
	3-Methylhexane	mg/L	--	64 J	< 0.31 UJ	--	--	--	--	--	--
	4-Chlorotoluene	mg/L	1.1 E+2	120	< 0.16 UJ	170 J	< 300 U	25%	--	--	--
	4-Methyl-2-pentanone	mg/L	1.9 E+4	< 12 U	< 0.24 UJ	< 81 U	< 330 U	--	--	--	--
	Acetone	mg/L	1.0 E+6	< 34 U	< 0.69 UJ	< 340 U	< 6700 U	--	--	--	--
	Acetonitrile	mg/L	1.0 E+6	< 200 UJ	< 4.1 UJ	< 330 UJ	< 7300 UJ	--	--	--	--
	Benzene	mg/L	1.8 E+3	29000 J	3000 J-	37000	78000	>100%	>100%	>100%	>100%
	Bromobenzene	mg/L	4.5 E+2	< 7.4 U	< 0.15 UJ	< 62 U	< 330 U	2.0%	--	--	--
	Bromodichloromethane	mg/L	3.0 E+3	< 8.2 U	< 0.18 UJ	--	--	--	--	--	--
	Bromoform	mg/L	3.1 E+3	< 9.4 U	< 0.33 UJ	< 65 U	< 370 U	--	--	--	--
	Bromomethane	mg/L	1.5 E+4	< 8.4 U	< 0.5 UJ	< 97 UJ	< 400 U	--	--	--	--
	Carbon tetrachloride	mg/L	7.9 E+2	4000	6500 J-	4900	1100 J	5.2%	32%	--	>100%
	Chlorobenzene	mg/L	5.0 E+2	400000	77000 J-	530000	160000	>100%	>100%	>100%	>100%
	Chlorobromomethane	mg/L	1.7 E+4	< 9.8 U	< 0.27 UJ	< 110 U	< 550 U	--	--	--	--
	Chlorodibromomethane	mg/L	2.7 E+3	< 5.7 U	< 0.25 UJ	< 0.01 U	< 0.33 U	--	--	--	--
	Chloroethane	mg/L	6.7 E+3	< 8.5 U	< 0.2 UJ	< 53 UJ	< 380 U	--	--	--	--
	Chloroform	mg/L	8.0 E+3	8900 J	9200 J-	7300	45000	>100%	>100%	>100%	>100%
	Chloromethane	mg/L	5.3 E+3	< 7.7 U	< 0.15 UJ	< 100 U	< 550 U	1.2%	--	--	--
	cis-1,2-Dichloroethene	mg/L	6.4 E+3	< 8.3 U	< 0.17 UJ	< 42 U	< 160 U	--	--	--	--
	cis-1,3-Dichloropropene	mg/L	2.2 E+3	< 7.3 U	< 0.15 UJ	< 26 U	< 340 U	--	--	--	--
	Cymene (Isopropyltoluene)	mg/L	2.3 E+1	< 3.5 U	< 0.17 UJ	< 37 U	< 320 U	--	--	--	--
	Dibromomethane	mg/L	1.2 E+4	< 21 U	< 0.42 UJ	< 93 U	< 400 U	--	--	--	--
	Dichlorodifluoromethane (Freon-12)	mg/L	2.8 E+2	< 7 U	< 0.17 UJ	< 0.029 U	< 450 U	--	--	--	--
	Dichloromethane	mg/L	1.3 E+4	150	< 0.22 UJ	< 200 U	< 1700 U	12%	7.7%	--	14%
	Dimethyl disulfide	mg/L	--	< 22 U	< 0.45 UJ	--	--	--	--	--	--

TABLE 5-3
MONITORING WELL MC-MW-12 DENSE NON-AQUEOUS PHASE LIQUID (DNAPL) RESULTS
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Parameter of Interest	Compound List	Units	Water Solubility ⁽¹⁾	DNAPL Result				Percent Solubility ⁽²⁾			
				Apr-May 2010	October 2010	March 2011	October 2011	Apr-May 2010	October 2010	March 2011	October 2011
Volatile Organic Compounds	Ethanol	mg/L	1.0 E+6	< 7800 UJ	< 160 UJ	--	--	--	--	--	--
	Ethylbenzene	mg/L	1.7 E+2	< 8.6 U	< 0.17 UJ	< 33 U	< 300 U	--	--	--	--
	Isopropylbenzene	mg/L	6.1 E+1	< 4.9 U	< 0.17 UJ	< 39 U	< 260 U	--	--	--	--
	m,p-Xylenes	mg/L	1.6 E+2	< 7.1 U	< 0.28 UJ	< 60 U	< 570 U	--	--	--	--
	Methyl ethyl ketone	mg/L	2.2 E+5	< 52 U	< 1 UJ	< 270 U	< 390 U	--	--	--	--
	Methyl iodide	mg/L	1.4 E+4	< 9.2 U	< 0.18 UJ	< 81 U	< 1500 U	0.8%	--	--	--
	MTBE (Methyl tert-butyl ether)	mg/L	5.1 E+4	< 11 U	< 0.23 UJ	< 40 U	< 400 U	--	--	--	--
	n-Butylbenzene	mg/L	1.2 E+1	< 4.1 U	< 0.5 UJ	< 45 U	< 230 U	--	--	--	--
	n-Heptane	mg/L	3.4 E+0	< 15 U	< 0.31 UJ	--	--	--	--	--	--
	Nonanal	mg/L	--	< 41 U	< 0.82 UJ	< 130 U	< 720 U	--	--	--	--
	n-Propylbenzene	mg/L	5.2 E+1	< 5 U	< 0.12 UJ	< 41 U	< 300 U	--	--	--	--
	o-Xylene	mg/L	1.8 E+2	< 4.4 U	< 0.13 UJ	< 66 U	< 320 U	--	--	--	--
	sec-Butylbenzene	mg/L	1.8 E+1	< 5.7 U	< 0.17 UJ	< 47 U	< 310 U	--	--	--	--
	Styrene	mg/L	3.1 E+2	< 3.6 U	< 0.15 UJ	< 58 U	< 350 U	--	--	--	--
	tert-Butylbenzene	mg/L	3.0 E+1	< 4.4 U	< 0.22 UJ	< 37 U	< 310 U	--	--	--	--
	Tetrachloroethene	mg/L	2.1 E+2	54 J	73 J-	100 J	< 280 U	9.2%	--	--	--
	Toluene	mg/L	5.3 E+2	7.9 J	< 0.14 UJ	< 51 U	< 1000 U	1.4%	--	--	--
	trans-1,2-Dichloroethene	mg/L	4.5 E+3	< 8.3 U	< 0.17 UJ	< 32 U	< 180 U	--	--	--	--
	trans-1,3-Dichloropropene	mg/L	2.8 E+3	< 8.3 U	< 0.17 UJ	< 39 U	< 350 U	--	--	--	--
	Trichloroethene	mg/L	1.3 E+3	< 21 U	< 0.5 UJ	< 70 U	< 290 U	--	--	--	--
	Trichlorofluoromethane (Freon-11)	mg/L	1.1 E+3	< 4.1 U	< 0.23 UJ	< 55 U	< 220 U	--	--	--	--
	Vinyl acetate	mg/L	2.0 E+4	< 17 U	< 0.36 UJ	< 39 U	< 600 U	--	--	--	--
	Vinyl chloride	mg/L	8.8 E+3	< 3.2 U	< 0.17 UJ	< 110 U	< 430 U	--	--	--	--
	Xylenes (total)	mg/L	1.1 E+2	< 11 U	< 0.4 UJ	< 120 U	< 850 U	--	--	--	--

(1) Water solubility values are from the ORNL RAIS database (<http://rais.ornl.gov/>).

(2) Percent solubilities are calculated based on dissolved phase concentrations, per USEPA's 1993 *Evaluation of the Likelihood of DNAPL Presence at NPL Sites*. See electronic database for percent solubility calculations for all VOCs and SVOCs for all wells.

mg/L = milligrams per liter

TABLE 6-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – APRIL/MAY 2010
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TABLE 6-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – APRIL/MAY 2010
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TABLE 6-1a
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – APRIL/MAY 2010
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	4	100%	0	--	--	--	--	--	--	4	68	69	74	74	79	80	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Carbonate Alkalinity	mg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	--	--
	Hardness, Total	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	Hydroxide alkalinity	mg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
	pH ^b	--	4	100%	--	--	--	--	--	--	--	4	7.72	7.7	7.8	7.8	7.9	7.89	6.5 - 8.5	0	--	--
	Total Alkalinity	mg/L	4	100%	0	--	--	--	--	--	--	4	68	69	74	74	79	80	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	4	100%	0	--	--	--	--	--	--	4	530	570	710	690	800	820	500	4	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Note that sample counts less than four are due to the exclusion of rejected results, as discussed in the DVSR.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 6-1b
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TABLE 6-1b
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TABLE 6-1b
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Semivolatile Organic Compounds	Benzoic acid	µg/L	4	0%	4	120	150	400	370	570	566	0	--	--	--	--	--	--	--	--	150000	--
	Benzyl alcohol	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	4	0%	4	60	73	200	180	280	283	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	6	--	6	--
	bis(p-Chlorophenyl)disulfide	µg/L	4	0%	4	66	81	220	200	310	311	0	--	--	--	--	--	--	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	4	0%	4	66	81	220	200	310	311	0	--	--	--	--	--	--	--	--	--	--
	Butylbenzyl phthalate	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	4	0%	4	4	4.9	13	12	19	18.9	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	4	100%	0	--	--	--	--	--	--	4	809	900	1900	1900	2800	2900	--	--	370000	0
	Di-n-butyl phthalate	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	4	0%	4	60	73	200	180	280	283	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	4	0%	4	66	81	220	200	310	311	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl sulfide	µg/L	4	0%	4	66	81	220	200	310	311	0	--	--	--	--	--	--	--	--	--	--
	Diphenylamine	µg/L	4	0%	4	60	73	200	180	280	283	0	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	4	0%	4	4	4.9	13	12	19	18.9	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	4	0%	4	4	4.9	13	12	19	18.9	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	4	0%	4	66	81	220	200	310	311	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	4	0%	4	60	73	200	180	280	283	0	--	--	--	--	--	--	--	--	180	--
	Naphthalene	µg/L	4	0%	4	6	7.3	20	18	28	28.3	0	--	--	--	--	--	--	--	--	0.14	--
	Nitrobenzene	µg/L	4	0%	4	60	73	200	180	280	283	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	4	0%	4	66	81	220	200	310	311	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	--	--	29	--
	Pentachlorophenol	µg/L	4	0%	4	40	49	130	120	190	189	0	--	--	--	--	--	--	1	--	1	--
	Phenol	µg/L	4	0%	4	20	24	66	62	94	94.3	0	--	--	--	--	--	--	--	--	11000	--
	Phenyl sulfone	µg/L	4	0%	4	66	81	220	200	310	311	0	--	--	--	--	--	--	--	--	110	--
	Pyridine	µg/L	4	0%	4	20	24	66	62	94	94.3	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	4	0%	4	132	160	440	410	620	623	0	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	4	0%	4	0.27	0.27	0.27	0.27	0.27	0.27	0	--	--	--	--	--	--	5	--	5	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	4	0%	4	0.42	0.42	0.42	0.42	0.42	0.42	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	4	0%	4	0.22	0.22	0.22	0.22	0.22	0.22	0	--	--	--	--	--	--	--	--	2.4	--
	1,1-Dichloroethene	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	7	--	7	--
	1,1-Dichloropropene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/L	4	0%	4	0.33	0.33	0.33	0.33	0.33	0.33	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	70	--	70	--
	1,2,4-Trimethylbenzene	µg/L	4	50.0%	2	0.15	--	0.15	0.15	--	0.15	2	0.15	--	0.18	0.18	--	0.2	--	--	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	4	0%	4	0.47	0.47	0.47	0.47	0.47	0.47	0	--	--	--	--	--	--	(blank)	--	(blank)	--
	1,2-Dichlorobenzene	µg/L	4	100%	0	--	--	--	--	--	--	4	1.4	1.4	1.5	1.5	1.7	1.7	600	0	600	0
	1,2-Dichloroethane	µg/L	4	0%	4	0.13	0.13	0.13	0.13	0.13	0.13	0	--	--	--	--	--	--	5	--	5	--
	1,2-Dichloroethene (total)	µg/L	4	0%	4	0.24	0.24	0.24	0.24	0.24	0.24	0	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/L	4	0%	4	0.18	0.18	0.18	0.18	0.18	0.18	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	4	0%	4	0.32	0.32	0.32	0.32	0.32	0.32	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	--	15	--
	1,3-Dichlorobenzene	µg/L	4	0%	4	0.13	0.13	0.13	0.13	0.13	0.13	0	--	--	--	--	--	--	--	--	87	--
	1,3-Dichloropropane	µg/L	4	0%	4	0.22	0.22	0.22	0.22	0.22	0.22	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	4	100%	0	--	--	--	--	--	--	4	1.1	1.1	1.3	1.3	1.4	1.4	75	0	75	0

TABLE 6-1b
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL		
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--	
	2,2-Dichloropropane	µg/L	4	0%	4	0.18	0.18	0.18	0.18	0.18	0.18	0	--	--	--	--	--	--	--	--	--	
	2,2-Dimethylpentane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--	
	2,3-Dimethylpentane	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--	
	2,4-Dimethylpentane	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	--	
	2-Chlorotoluene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	91	--	
	2-Hexanone	µg/L	4	0%	4	1.7	1.7	1.7	1.7	1.7	1.7	0	--	--	--	--	--	--	--	63	--	
	2-Methylhexane	µg/L	4	0%	4	0.24	0.24	0.24	0.24	0.24	0.24	0	--	--	--	--	--	--	--	--	--	
	2-Nitropropane	µg/L	4	0%	4	1.6	1.6	1.6	1.6	1.6	1.6	0	--	--	--	--	--	--	--	0.0014	--	
	3,3-Dimethylpentane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--	
	3-Ethylpentane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--	
	3-Methylhexane	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	--	--	
	4-Chlorotoluene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--	
	4-Methyl-2-pentanone	µg/L	4	0%	4	0.98	0.98	0.98	0.98	0.98	0.98	0	--	--	--	--	--	--	--	2000	--	
	Acetone	µg/L	4	0%	4	1.9	1.9	1.9	1.9	1.9	1.9	0	--	--	--	--	--	--	--	22000	--	
	Acetonitrile	µg/L	4	0%	4	9.6	9.6	9.6	9.6	9.6	9.6	0	--	--	--	--	--	--	--	130	--	
	Benzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	5	5	--	
	Bromobenzene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	88	--	
	Bromodichloromethane	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	0.12	--	
	Bromoform	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	8.5	--	
	Bromomethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	8.7	--	
	Carbon tetrachloride	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	5	5	--	
	Chlorobenzene	µg/L	4	25.0%	3	0.17	0.17	0.17	0.17	0.17	0.17	1	0.27	--	0.27	0.27	--	0.27	100	0	100	0
	Chlorobromomethane	µg/L	4	0%	4	0.1	0.1	0.1	0.1	0.1	0.1	0	--	--	--	--	--	--	--	--	--	
	Chlorodibromomethane	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	0.15	--	
	Chloroethane	µg/L	4	0%	4	0.41	0.41	0.41	0.41	0.41	0.41	0	--	--	--	--	--	--	--	23	--	
	Chloroform	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	0.19	--	
	Chloromethane	µg/L	4	0%	4	0.3	0.3	0.3	0.3	0.3	0.3	0	--	--	--	--	--	--	--	2.7	--	
	cis-1,2-Dichloroethene	µg/L	4	0%	4	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	70	--	70	--
	cis-1,3-Dichloropropene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	--	--	
	Cymene (Isopropyltoluene)	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	--	
	Dibromomethane	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	8.2	--	
	Dichlorodifluoromethane (Freon-12)	µg/L	4	0%	4	0.31	0.31	0.31	0.31	0.31	0.31	0	--	--	--	--	--	--	--	400	--	
	Dichloromethane	µg/L	4	0%	4	0.32	0.32	0.32	0.32	0.32	0.32	0	--	--	--	--	--	--	5	5	--	
	Dimethyl disulfide	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	--	--	
	Ethanol	µg/L	4	0%	4	94	94	94	94	94	94	0	--	--	--	--	--	--	--	210000	--	
	Ethylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	700	700	--	
	Isopropylbenzene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	680	--	
	m,p-Xylenes	µg/L	4	75.0%	1	0.34	--	0.34	0.34	--	0.34	3	0.42	0.42	0.46	0.46	0.51	0.51	--	--	1200	0
	Methyl ethyl ketone	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	7100	--	
	Methyl iodide	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	360	--	
	MTBE (Methyl tert-butyl ether)	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	13	--	
	n-Butylbenzene	µg/L	4	0%	4	0.14	0.14	0.14	0.14	0.14	0.14	0	--	--	--	--	--	--	--	250	--	
	n-Heptane	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	0.2	--	
	Nonanal	µg/L	4	50.0%	2	1.2	--	1.2	1.2	--	1.2	2	3.1	--	3.6	3.6	--	4.1	--	--	--	
	n-Propylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	250	--	
	o-Xylene	µg/L	4	75.0%	1	0.19	--	0.19	0.19	--	0.19	3	0.2	0.2	0.21	0.22	0.26	0.26	--	--	1200	0
	sec-Butylbenzene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	250	--	
	Styrene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	100	100	--	
	tert-Butylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	250	--	
	Tetrachloroethene	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	5	5	--	
	Toluene	µg/L	4	100%	0	--	--	--	--	--	--	4	0.44	0.46	0.51	0.58	0.77	0.85	1000	0	1000	0
	Total Trihalomethanes	µg/L	4	0%	4	0.35	0.35	0.35	0.35	0.35	0.35	0	--	--	--	--	--	--	80	--	80	--
	trans-1,2-Dichloroethene	µg/L	4	0%	4	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	100	--	100	--
	trans-1,3-Dichloropropene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/L	4	100%	0	--	--	--	--	--	--	4	0.68	0.71	0.83	0.82	0.93	0.96	5	0	5	0
	Trichlorofluoromethane (Freon-11)	µg/L	4	0%	4	0.29	0.29	0.29	0.29	0.29	0.29	0	--	--	--	--	--	--	--	--	1300	--
	Vinyl acetate	µg/L	4	0%	4	0.94	0.94	0.94	0.94	0.94	0.94	0	--	--	--	--	--	--	--	410	--	
	Vinyl chloride	µg/L	4	0%	4	0.4	0.4	0.4	0.4	0.4	0.4	0	--	--	--	--	--	--	2	--	2	--
	Xylenes (total)	µg/L	4	75.0%	1	0.19	--	0.19	0.19	--	0.19	3	0.62	0.62	0.67	0.69	0.77	0.77	10000	0	10000	0

TABLE 6-1b
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – OCTOBER 2010
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 5 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL	
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max					
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	2	100%	0	--	--	--	--	--	--	2	47	--	66	66	--	84	--	--	--	--	
	Calcium hardness as calcium carbonate	mg/L	4	100%	0	--	--	--	--	--	--	4	66	67	95	96	130	130	--	--	--	--	
	Carbonate Alkalinity	mg/L	4	25.0%	3	1.1	1.1	1.1	1.1	1.1	1.1	1	8.9	--	8.9	8.9	--	8.9	--	--	--	--	
	Hardness, Total	mg/L	4	100%	0	--	--	--	--	--	--	4	120	130	190	180	230	230	--	--	--	--	
	Hydroxide alkalinity	mg/L	4	0%	4	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--	
	Magnesium hardness as calcium carbonate	mg/L	4	100%	0	--	--	--	--	--	--	4	57	64	92	85	100	100	--	--	--	--	
	pH ^b	--	4	100%	--	--	--	--	--	--	--	4	7.44	7.5	7.7	7.8	8.3	8.45	6.5 - 8.5	0	--	--	--
	Total Alkalinity	mg/L	2	100%	0	--	--	--	--	--	--	2	56	--	70	70	--	84	--	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	2	100%	0	--	--	--	--	--	--	2	610	--	660	660	--	700	500	2	--	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Note that sample counts less than four are due to the exclusion of rejected results, as discussed in the DVSR.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 6-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – MARCH 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL	
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max			
General Chemistry	Bromide	µg/L	4	75.0%	1	250	--	250	250	--	250	3	140	140	190	180	220	220	--	--	--
	Bromine	µg/L	4	75.0%	1	500	--	500	500	--	500	3	270	270	370	360	440	440	--	--	--
	Chlorate	µg/L	4	0%	4	36	36	36	36	36	36	0	--	--	--	--	--	--	--	--	--
	Chloride	mg/L	2	100%	0	--	--	--	--	--	--	2	80.5	--	130	130	--	174	--	--	--
	Chlorine	mg/L	2	100%	0	--	--	--	--	--	--	2	161	--	250	250	--	348	4	4	2
	Chlorite	µg/L	4	0%	4	4	4	4	4	4	4	0	--	--	--	--	--	--	1000	--	--
	Fluoride	µg/L	2	100%	0	--	--	--	--	--	--	2	720	--	730	730	--	740	4000	0	4000
	Ion Balance Difference	percent	4	--	0	--	--	--	--	--	--	4	0.24	0.58	2.2	1.9	3	3.1	--	--	--
	Nitrate	µg/L	2	100%	0	--	--	--	--	--	--	2	1000	--	1800	1800	--	2600	10000	0	10000
	Nitrite	µg/L	4	0%	4	49	49	49	49	49	49	0	--	--	--	--	--	--	1000	--	1000
	Orthophosphate	µg/L	4	0%	4	190	190	190	190	190	190	0	--	--	--	--	--	--	--	--	--
	Perchlorate	µg/L	2	0%	2	1	--	1	1	--	1	0	--	--	--	--	--	--	--	--	18
	Sulfate	mg/L	2	100%	0	--	--	--	--	--	--	2	187	--	200	200	--	220	--	--	--
Metals	Aluminum	µg/L	4	100%	0	--	--	--	--	--	--	4	16	21	59	69	130	140	--	--	37000
	Antimony	µg/L	4	50.0%	2	5	--	5	5	--	5	2	0.16	--	0.16	0.16	--	0.16	6	0	6
	Arsenic	µg/L	4	100%	0	--	--	--	--	--	--	4	14	21	49	78	160	200	10	4	10
	Barium	µg/L	4	100%	0	--	--	--	--	--	--	4	26	27	33	38	53	59	2000	0	2000
	Beryllium	µg/L	4	0%	4	0.08	0.08	0.08	0.08	0.08	0.08	0	--	--	--	--	--	--	4	--	4
	Boron	µg/L	4	100%	0	--	--	--	--	--	--	4	450	490	680	650	770	770	--	--	7300
	Cadmium	µg/L	4	25.0%	3	0.04	0.04	0.04	0.04	0.04	0.04	1	0.072	--	0.072	0.072	--	0.072	5	0	5
	Calcium	mg/L	2	100%	0	--	--	--	--	--	--	2	24	--	33	33	--	42	--	--	--
	Chromium	µg/L	4	100%	0	--	--	--	--	--	--	4	4.6	7.2	33	620	1800	2400	100	1	100
	Chromium (VI)	µg/L	4	100%	0	--	--	--	--	--	--	4	0.106	2	11	16	36	43	100	0	100
	Cobalt	µg/L	4	100%	0	--	--	--	--	--	--	4	0.13	0.13	0.14	7.1	21	28	--	--	11
	Copper	µg/L	4	25.0%	3	0.56	0.56	0.56	0.56	0.56	0.56	1	31	--	31	31	--	31	1300	0	1300
	Iron	µg/L	4	100%	0	--	--	--	--	--	--	4	55	74	2000	4500	11000	14000	--	--	26000
	Lead	µg/L	4	25.0%	3	0.18	0.18	0.18	0.18	0.18	0.18	1	0.4	--	0.4	0.4	--	0.4	15	0	15
	Lithium	µg/L	4	100%	0	--	--	--	--	--	--	4	77	80	90	89	98	100	--	--	73
	Magnesium	mg/L	2	100%	0	--	--	--	--	--	--	2	15	--	20	20	--	24	--	--	210
	Manganese	µg/L	4	100%	0	--	--	--	--	--	--	4	1.3	3.4	17	140	400	520	--	--	5100
	Mercury	µg/L	4	0%	4	0.027	0.027	0.027	0.027	0.027	0.027	0	--	--	--	--	--	--	2	--	2
	Molybdenum	µg/L	4	100%	0	--	--	--	--	--	--	4	7	7.4	9.4	16	33	40	--	--	180
	Nickel	µg/L	4	100%	0	--	--	--	--	--	--	4	0.81	1.2	2.3	110	340	450	--	--	730
	Potassium	mg/L	2	100%	0	--	--	--	--	--	--	2	6.5	--	7.5	7.5	--	8.5	--	--	--
	Selenium	µg/L	4	75.0%	1	0.7	--	0.7	0.7	--	0.7	3	2.6	2.6	3	3	3.4	3.4	50	0	50
	Silver	µg/L	4	0%	4	0.015	0.51	2	1.5	2	2	0	--	--	--	--	--	--	--	--	180
	Sodium	mg/L	2	100%	0	--	--	--	--	--	--	2	130	--	150	150	--	170	--	--	--
	Strontium	µg/L	4	100%	0	--	--	--	--	--	--	4	1400	1500	2000	2000	2500	2600	--	--	22000
	Thallium	µg/L	4	0%	4	0.02	0.52	2	1.5	2	2	0	--	--	--	--	--	--	2	--	2
	Tin	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	22000
	Titanium	µg/L	4	100%	0	--	--	--	--	--	--	4	0.95	1	2.3	2.6	4.5	4.8	--	--	150000
	Tungsten	µg/L	4	25.0%	3	5	5	5	5	5	5	1	8.4	--	8.4	8.4	--	8.4	--	--	270
	Uranium	µg/L	4	100%	0	--	--	--	--	--	--	4	1.2	1.6	2.9	2.6	3.3	3.3	30	0	30
	Vanadium	µg/L	4	100%	0	--	--	--	--	--	--	4	14	16	23	52	120	150	--	--	180
	Zinc	µg/L	4	50.0%	2	2	--	2	2	--	2	2	2.7	--	5.7	5.7	--	8.7	--	--	11000
Organochlorine Pesticides	2,4'-DDD	µg/L	4	0%	4	0.0072	0.0072	0.0072	0.0072	0.0072	0.0072	0	--	--	--	--	--	--	--	--	--
	2,4'-DDE	µg/L	4	0%	4	0.0048	0.0048	0.0049	0.0049	0.0049	0.0049	0	--	--	--	--	--	--	--	--	--
	4,4'-DDD	µg/L	4	0%	4	0.0073	0.0073	0.0073	0.0073	0.0073	0.0073	0	--	--	--	--	--	--	--	--	0.28
	4,4'-DDE	µg/L	4	0%	4	0.0071	0.0071	0.0071	0.0071	0.0072	0.0072	0	--	--	--	--	--	--	--	--	0.2
	4,4'-DDT	µg/L	4	0%	4	0.014	0.014	0.014	0.014	0.014	0.014	0	--	--	--	--	--	--	--	--	0.2
	Aldrin	µg/L	4	0%	4	0.0056	0.0056	0.0056	0.0056	0.0056	0.0056	0	--	--	--	--	--	--	--	--	0.004
	alpha-BHC	µg/L	4	0%	4	0.005	0.005	0.005	0.005	0.0051	0.0051	0	--	--	--	--	--	--	--	--	11
	alpha-Chlordane	µg/L	4	0%	4	0.005	0.005	0.005	0.005	0.0051	0.0051	0	--	--	--	--	--	--	--	--	--
	beta-BHC	µg/L	4	0%	4	0.0083	0.0083	0.0083	0.0083	0.0083	0.0083	0	--	--	--	--	--	--	--	--	2.2
	Chlordane	µg/L	4	0%	4	0.005	0.005	0.005	0.005	0.0051	0.0051	0	--	--	--	--	--	--	2	--	2
	delta-BHC	µg/L	4	0%	4	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0	--	--	--	--	--	--	--	--	--
	Dieldrin	µg/L	4	0%	4	0.006	0.006	0.006	0.006	0.006	0.006	0	--	--	--	--	--	--	--	--	0.0042
	Endosulfan I	µg/L	4	0%	4	0.0055	0.0055	0.0055	0.0055	0.0055	0.0055	0	--	--	--	--	--	--	--	--	220
	Endosulfan II	µg/L	4	0%	4	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067	0	--	--	--	--	--	--	--	--	220
	Endosulfan sulfate	µg/L	4	25.0%	3	0.0054	0.0054	0.0054	0.0054	0.0054	0.0054	1	0.011	--	0.011	0.011	--	0.011	--	--	--

TABLE 6-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – MARCH 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 3 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Semivolatile Organic Compounds	Benzoic acid	µg/L	4	0%	4	6	6	6	6	6	6	0	--	--	--	--	--	--	--	--	150000	--
	Benzyl alcohol	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	4	0%	4	3	3	3	3	3	3	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	6	--	6	--
	bis(p-Chlorophenyl)disulfide	µg/L	4	0%	4	3.3	3.3	3.3	3.3	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	4	0%	4	3.3	3.3	3.3	3.3	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Butylbenzyl phthalate	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	4	100%	0	--	--	--	--	--	--	4	548	660	1200	1200	1800	1840	--	--	370000	0
	Di-n-butyl phthalate	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	4	0%	4	3	3	3	3	3	3	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	4	0%	4	3.3	3.3	3.3	3.3	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl sulfide	µg/L	4	0%	4	3.3	3.3	3.3	3.3	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Diphenylamine	µg/L	4	0%	4	3	3	3	3	3	3	0	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	4	0%	4	3.3	3.3	3.3	3.3	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	4	0%	4	3	3	3	3	3	3	0	--	--	--	--	--	--	--	--	180	--
	Naphthalene	µg/L	4	25.0%	3	0.3	0.3	0.3	0.3	0.3	0.3	1	0.38	--	0.38	0.38	--	0.38	--	--	0.14	1
	Nitrobenzene	µg/L	4	0%	4	3	3	3	3	3	3	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	4	0%	4	3.3	3.3	3.3	3.3	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	--	29	--
	Pentachlorophenol	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	1	--	1	--
	Phenol	µg/L	4	0%	4	1	1	1	1	1	1	0	--	--	--	--	--	--	--	--	11000	--
	Phenyl sulfone	µg/L	4	0%	4	3.3	3.3	3.3	3.3	3.3	3.3	0	--	--	--	--	--	--	--	--	110	--
	Pyridine	µg/L	4	0%	4	1	1	1	1	1	1	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	4	0%	4	6.6	6.6	6.6	6.6	6.6	6.6	0	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	4	0%	4	0.27	0.27	0.27	0.27	0.27	0.27	0	--	--	--	--	--	--	5	--	5	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	4	0%	4	0.42	0.42	0.42	0.42	0.42	0.42	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	4	0%	4	0.22	0.22	0.22	0.22	0.22	0.22	0	--	--	--	--	--	--	--	--	2.4	--
	1,1-Dichloroethene	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	7	--	7	--
	1,1-Dichloropropene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/L	4	0%	4	0.33	0.33	0.33	0.33	0.33	0.33	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	70	--	70	--
	1,2,4-Trimethylbenzene	µg/L	4	75.0%	1	0.15	--	0.15	0.15	--	0.15	3	0.26	0.26	0.27	0.27	0.28	0.28	--	--	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	4	0%	4	0.47	0.47	0.47	0.47	0.47	0.47	0	--	--	--	--	--	--	0.2	--	0.2	--
	1,2-Dichlorobenzene	µg/L	4	100%	0	--	--	--	--	--	--	4	0.41	0.42	0.52	0.55	0.72	0.76	600	0	600	0
	1,2-Dichloroethane	µg/L	4	0%	4	0.13	0.13	0.13	0.13	0.13	0.13	0	--	--	--	--	--	--	5	--	5	--
	1,2-Dichloroethene (total)	µg/L	4	0%	4	0.24	0.24	0.24	0.24	0.24	0.24	0	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/L	4	0%	4	0.18	0.18	0.18	0.18	0.18	0.18	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	4	0%	4	0.32	0.32	0.32	0.32	0.32	0.32	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	--	15	--
	1,3-Dichlorobenzene	µg/L	4	0%	4	0.13	0.13	0.13	0.13	0.13	0.13	0	--	--	--	--	--	--	--	--	87	--
	1,3-Dichloropropane	µg/L	4	0%	4	0.22	0.22	0.22	0.22	0.22	0.22	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	4	100%	0	--	--	--	--	--	--	4	0.29	0.3	0.35	0.36	0.44	0.46	75	0	75	0

TABLE 6-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – MARCH 2011
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data						Detected Data ^a						MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL	
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max			
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--
	2,2-Dichloropropane	µg/L	4	0%	4	0.18	0.18	0.18	0.18	0.18	0.18	0	--	--	--	--	--	--	--	--	--
	2,2-Dimethylpentane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--
	2,3-Dimethylpentane	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--
	2,4-Dimethylpentane	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	--
	2-Chlorotoluene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	91	--
	2-Hexanone	µg/L	4	0%	4	1.7	1.7	1.7	1.7	1.7	1.7	0	--	--	--	--	--	--	--	63	--
	2-Methylhexane	µg/L	4	0%	4	0.24	0.24	0.24	0.24	0.24	0.24	0	--	--	--	--	--	--	--	--	--
	2-Nitropropane	µg/L	4	0%	4	1.6	1.6	1.6	1.6	1.6	1.6	0	--	--	--	--	--	--	--	0.0014	--
	3,3-Dimethylpentane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--
	3-Ethylpentane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--
	3-Methylhexane	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	--	--
	4-Chlorotoluene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--
	4-Methyl-2-pentanone	µg/L	4	0%	4	0.98	0.98	0.98	0.98	0.98	0.98	0	--	--	--	--	--	--	--	2000	--
	Acetone	µg/L	4	0%	4	1.9	1.9	1.9	1.9	1.9	1.9	0	--	--	--	--	--	--	--	22000	--
	Acetonitrile	µg/L	4	0%	4	9.6	9.6	9.6	9.6	9.6	9.6	0	--	--	--	--	--	--	--	130	--
	Benzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	5	5	--
	Bromobenzene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	88	--
	Bromodichloromethane	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	0.12	--
	Bromoform	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	8.5	--
	Bromomethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	8.7	--
	Carbon tetrachloride	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	5	5	--
	Chlorobenzene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	100	100	--
	Chlorobromomethane	µg/L	4	0%	4	0.1	0.1	0.1	0.1	0.1	0.1	0	--	--	--	--	--	--	--	--	--
	Chlorodibromomethane	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	0.15	--
	Chloroethane	µg/L	4	0%	4	0.41	0.41	0.41	0.41	0.41	0.41	0	--	--	--	--	--	--	--	23	--
	Chloroform	µg/L	4	0%	4	0.16	0.16	0.17	0.21	0.31	0.35	0	--	--	--	--	--	--	--	0.19	--
	Chloromethane	µg/L	4	0%	4	0.3	0.3	0.3	0.3	0.3	0.3	0	--	--	--	--	--	--	--	2.7	--
	cis-1,2-Dichloroethene	µg/L	4	0%	4	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	70	70	--
	cis-1,3-Dichloropropene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	--	--
	Cymene (Isopropyltoluene)	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	--
	Dibromomethane	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	8.2	--
	Dichlorodifluoromethane (Freon-12)	µg/L	4	0%	4	0.31	0.31	0.31	0.31	0.31	0.31	0	--	--	--	--	--	--	--	400	--
	Dichloromethane	µg/L	4	0%	4	0.32	0.32	0.32	0.32	0.32	0.32	0	--	--	--	--	--	--	5	5	--
	Dimethyl disulfide	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	--	--
	Ethanol	µg/L	4	0%	4	94	94	94	94	94	94	0	--	--	--	--	--	--	--	210000	--
	Ethylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	700	700	--
	Isopropylbenzene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	680	--
	m,p-Xylenes	µg/L	4	50.0%	2	0.34	--	0.34	0.34	--	0.34	2	0.35	--	0.36	0.36	--	0.37	--	1200	0
	Methyl ethyl ketone	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	7100	--
	Methyl iodide	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	360	--
	MTBE (Methyl tert-butyl ether)	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	13	--
	n-Butylbenzene	µg/L	4	0%	4	0.14	0.14	0.14	0.14	0.14	0.14	0	--	--	--	--	--	--	--	250	--
	n-Heptane	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	0.2	--
	Nonanal	µg/L	4	50.0%	2	1.3	--	1.4	1.4	--	1.4	2	1.4	--	1.4	1.4	--	1.4	--	--	--
	n-Propylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	250	--
	o-Xylene	µg/L	4	100%	0	--	--	--	--	--	--	4	0.36	0.37	0.4	0.39	0.41	0.41	--	1200	0
	sec-Butylbenzene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	250	--
	Styrene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	100	100	--
	tert-Butylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	250	--
	Tetrachloroethene	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	5	5	--
	Toluene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	1000	1000	--
	Total Trihalomethanes	µg/L	4	0%	4	0.35	0.35	0.35	0.37	0.42	0.44	0	--	--	--	--	--	--	80	80	--
	trans-1,2-Dichloroethene	µg/L	4	0%	4	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	100	100	--
	trans-1,3-Dichloropropene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--
	Trichloroethene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	5	5	--
	Trichlorofluoromethane (Freon-11)	µg/L	4	0%	4	0.29	0.29	0.29	0.29	0.29	0.29	0	--	--	--	--	--	--	--	1300	--
	Vinyl acetate	µg/L	4	0%	4	0.94	0.94	0.94	0.94	0.94	0.94	0	--	--	--	--	--	--	--	410	--
	Vinyl chloride	µg/L	4	0%	4	0.1	0.1	0.1	0.1	0.1	0.1	0	--	--	--	--	--	--	2	2	--
	Xylenes (total)	µg/L	4	100%	0	--	--	--	--	--	--	4	0.36	0.37	0.57	0.57	0.77	0.78	10000	0	0

TABLE 6-1c
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – MARCH 2011
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CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	2	100%	0	--	--	--	--	--	--	2	80	--	82	82	--	84	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	4	100%	0	--	--	--	--	--	--	4	61	65	89	95	130	140	--	--	--	--
	Carbonate Alkalinity	mg/L	2	0%	2	1.1	--	1.1	1.1	--	1.1	0	--	--	--	--	--	--	--	--	--	--
	Hardness, Total	mg/L	4	100%	0	--	--	--	--	--	--	4	120	130	190	180	230	240	--	--	--	--
	Hydroxide alkalinity	mg/L	4	0%	4	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	4	100%	0	--	--	--	--	--	--	4	60	67	93	87	100	100	--	--	--	--
	pH ^b	--	4	100%	--	--	--	--	--	--	--	4	7.95	8	8.2	8.3	8.8	8.94	6.5 - 8.5	1	--	--
	Total Alkalinity	mg/L	2	100%	0	--	--	--	--	--	--	2	80	--	82	82	--	84	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	2	100%	0	--	--	--	--	--	--	2	500	--	600	600	--	700	500	1	--	--	

Notes:

BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.

Max = Maximum

Min = Minimum

Q1 = 1st quartile (25th percentile)

Q3 = 3rd quartile (75th percentile)

Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.

Note that sample counts less than four are due to the exclusion of rejected results, as discussed in the DVSR.

Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.

a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.

b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

µg/L = micrograms per liter

mg/L = milligrams per liter

pCi/L = picoCuries per liter

-- = Not applicable or no value has been established.

TABLE 6-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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TABLE 6-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Organochlorine Pesticides	Endrin	µg/L	4	0%	4	0.0075	0.0075	0.0075	0.0075	0.0076	0.0076	0	--	--	--	--	--	--	2	--	2	--
	Endrin aldehyde	µg/L	4	0%	4	0.0084	0.0084	0.0084	0.0084	0.0084	0.0084	0	--	--	--	--	--	--	--	--	--	--
	Endrin ketone	µg/L	4	0%	4	0.0067	0.0067	0.0067	0.0067	0.0067	0.0067	0	--	--	--	--	--	--	--	--	--	--
	gamma-BHC (Lindane)	µg/L	4	0%	4	0.0066	0.0066	0.0066	0.0066	0.0066	0.0066	0	--	--	--	--	--	--	0.2	--	0.2	--
	gamma-Chlordane	µg/L	4	0%	4	0.0087	0.0087	0.0087	0.0087	0.0087	0.0087	0	--	--	--	--	--	--	--	--	--	--
	Heptachlor	µg/L	4	0%	4	0.0073	0.0073	0.0074	0.0074	0.0074	0.0074	0	--	--	--	--	--	--	0.4	--	0.4	--
	Heptachlor epoxide	µg/L	4	0%	4	0.0071	0.0071	0.0072	0.0072	0.0072	0.0072	0	--	--	--	--	--	--	0.2	--	0.2	--
	Methoxychlor	µg/L	4	0%	4	0.012	0.012	0.012	0.012	0.012	0.012	0	--	--	--	--	--	--	40	--	40	--
Toxaphene	µg/L	4	0%	4	0.35	0.35	0.35	0.35	0.35	0.35	0	--	--	--	--	--	--	3	--	3	--	
Polynuclear Aromatic Hydrocarbons	Acenaphthene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	6.2	--
	Acenaphthylene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	6.2	--
	Anthracene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	6.3	--
	Benzo(a)anthracene	µg/L	4	100%	0	--	--	--	--	--	--	4	0.0755	0.076	0.076	0.077	0.079	0.08	--	--	0.092	0
	Benzo(a)pyrene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	0.2	--	0.2	--
	Benzo(b)fluoranthene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	0.092	--
	Benzo(g,h,i)perylene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	1100	--
	Benzo(k)fluoranthene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	0.92	--
	Chrysene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	9.2	--
	Dibenzo(a,h)anthracene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	0.0092	--
	Indeno(1,2,3-cd)pyrene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	0.092	--
	Phenanthrene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	6.2	--
Pyrene	µg/L	4	0%	4	0.0472	0.047	0.048	0.048	0.049	0.05	0	--	--	--	--	--	--	--	--	6.2	--	
Radionuclides	Radium-226	pCi/L	4	75.0%	1	--	--	--	--	--	--	3	0.289	0.36	0.72	0.89	1.6	1.85	--	--	--	--
	Radium-226/228	pCi/L	4	100%	0	--	--	--	--	--	--	4	1.19	1.2	1.4	1.6	2.4	2.67	5	0	5	0
	Radium-228	pCi/L	4	100%	0	--	--	--	--	--	--	4	0.577	0.6	0.75	0.74	0.88	0.896	--	--	--	--
	Radon-222	pCi/L	4	100%	0	--	--	--	--	--	--	4	235	290	500	600	1000	1180	4000	0	300	3
	Thorium-228	pCi/L	4	0%	4	--	--	--	--	--	--	0	-0.0203	-0.015	0.022	0.049	0.14	0.173	--	--	0.11	0
	Thorium-230	pCi/L	4	0%	4	--	--	--	--	--	--	0	-0.145	-0.12	-0.031	-0.035	0.048	0.0682	--	--	0.42	0
	Thorium-232	pCi/L	4	0%	4	--	--	--	--	--	--	0	-0.0284	-0.028	-0.018	-0.002	0.04	0.0564	--	--	0.14	0
	Uranium-233/234	pCi/L	4	100%	0	--	--	--	--	--	--	4	0.502	0.61	1.2	1.1	1.5	1.5	--	--	--	--
	Uranium-235/236	pCi/L	4	25.0%	3	--	--	--	--	--	--	1	0.046	0.069	0.14	0.15	0.25	0.279	--	--	--	--
Uranium-238	pCi/L	4	75.0%	1	--	--	--	--	--	--	3	0.279	0.49	1.3	1.1	1.6	1.67	--	--	--	--	
Semivolatile Organic Compounds	1,2,4,5-Tetrachlorobenzene	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	11	--
	1,2-Diphenylhydrazine	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	0.084	--
	1,4-Dioxane	µg/L	4	0%	4	0.943	0.95	0.95	0.96	0.99	1	0	--	--	--	--	--	--	--	--	0.67	--
	2,2'-Dichlorobenzil	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	11	--
	2,4,5-Trichlorophenol	µg/L	4	0%	4	0.943	0.95	0.95	0.96	0.99	1	0	--	--	--	--	--	--	--	--	3700	--
	2,4,6-Trichlorophenol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	6.1	--
	2,4-Dichlorophenol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	110	--
	2,4-Dimethylphenol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	730	--
	2,4-Dinitrophenol	µg/L	4	0%	4	9.43	9.5	9.5	9.6	9.9	10	0	--	--	--	--	--	--	--	--	73	--
	2,4-Dinitrotoluene	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	0.22	--
	2,6-Dinitrotoluene	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	37	--
	2-Chloronaphthalene	µg/L	4	0%	4	0.33	0.33	0.33	0.34	0.35	0.35	0	--	--	--	--	--	--	--	--	2.1	--
	2-Chlorophenol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	66	--
	2-Methylnaphthalene	µg/L	4	0%	4	0.283	0.28	0.29	0.29	0.3	0.3	0	--	--	--	--	--	--	--	--	--	--
	2-Nitroaniline	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	110	--
	2-Nitrophenol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	--	--
	3,3'-Dichlorobenzidine	µg/L	4	0%	4	0.943	0.95	0.95	0.96	0.99	1	0	--	--	--	--	--	--	--	--	0.15	--
	3-Nitroaniline	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	--	--
	4-Bromophenyl phenyl ether	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	--	--
	4-Chloro-3-methylphenol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	--	--
	4-Chloroaniline	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	0.34	--
	4-Chlorophenyl phenyl ether	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	--	--
	4-Chlorothioanisole	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	4-Chlorothiophenol	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	4-Nitroaniline	µg/L	4	0%	4	2.83	2.8	2.9	2.9	3	3	0	--	--	--	--	--	--	--	--	--	--
	4-Nitrophenol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	290	--
	Acetophenone	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	680	--
	Aniline	µg/L	4	0%	4	2.36	2.4	2.4	2.4	2.5	2.5	0	--	--	--	--	--	--	--	--	12	--

TABLE 6-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Semivolatile Organic Compounds	Benzoic acid	µg/L	4	0%	4	5.66	5.7	5.7	5.8	5.9	6	0	--	--	--	--	--	--	--	--	150000	--
	Benzyl alcohol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	18000	--
	bis(2-Chloroethoxy)methane	µg/L	4	0%	4	2.83	2.8	2.9	2.9	3	3	0	--	--	--	--	--	--	--	--	--	--
	bis(2-Chloroethyl)ether	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	0.012	--
	bis(2-Chloroisopropyl)ether	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	0.32	--
	bis(2-Ethylhexyl)phthalate	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	6	--	6	--
	bis(p-Chlorophenyl)disulfide	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	bis(p-Chlorophenyl)sulfone	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Butylbenzyl phthalate	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	35	--
	Carbazole	µg/L	4	0%	4	0.189	0.19	0.19	0.19	0.2	0.2	0	--	--	--	--	--	--	--	--	3.4	--
	Dibenzofuran	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	73	--
	Diethyl phthalate	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	29000	--
	Dimethyl phthalate	µg/L	4	100%	0	--	--	--	--	--	--	4	257	310	520	510	720	766	--	--	370000	0
	Di-n-butyl phthalate	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	3700	--
	Di-n-octyl phthalate	µg/L	4	0%	4	2.83	2.8	2.9	2.9	3	3	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl disulfide	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Diphenyl sulfide	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Diphenylamine	µg/L	4	0%	4	2.83	2.8	2.9	2.9	3	3	0	--	--	--	--	--	--	--	--	--	--
	Fluoranthene	µg/L	4	0%	4	0.189	0.19	0.19	0.19	0.2	0.2	0	--	--	--	--	--	--	--	--	1500	--
	Fluorene	µg/L	4	0%	4	0.189	0.19	0.19	0.19	0.2	0.2	0	--	--	--	--	--	--	--	--	6.2	--
	Hexachlorobenzene	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	1	--	1	--
	Hexachlorobutadiene	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	0.86	--
	Hexachlorocyclopentadiene	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	50	--	50	--
	Hexachloroethane	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	4.8	--
	Hydroxymethyl phthalimide	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Isophorone	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	71	--
	m,p-Cresols	µg/L	4	0%	4	2.83	2.8	2.9	2.9	3	3	0	--	--	--	--	--	--	--	--	180	--
	Naphthalene	µg/L	4	0%	4	0.283	0.28	0.29	0.29	0.3	0.3	0	--	--	--	--	--	--	--	--	0.14	--
	Nitrobenzene	µg/L	4	0%	4	2.83	2.8	2.9	2.9	3	3	0	--	--	--	--	--	--	--	--	0.12	--
	N-nitrosodi-n-propylamine	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	0.0096	--
	o-Cresol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	1800	--
	Octachlorostyrene	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	--	--
	Pentachlorobenzene	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	--	--	29	--
	Pentachlorophenol	µg/L	4	0%	4	1.89	1.9	1.9	1.9	2	2	0	--	--	--	--	--	--	1	--	1	--
	Phenol	µg/L	4	0%	4	0.943	0.95	0.95	0.96	0.99	1	0	--	--	--	--	--	--	--	--	11000	--
	Phenyl sulfone	µg/L	4	0%	4	3.11	3.1	3.1	3.2	3.3	3.3	0	--	--	--	--	--	--	--	--	110	--
	Pyridine	µg/L	4	0%	4	0.943	0.95	0.95	0.96	0.99	1	0	--	--	--	--	--	--	--	--	32	--
	Thiophenol	µg/L	4	0%	4	6.23	6.2	6.3	6.4	6.5	6.6	0	--	--	--	--	--	--	--	--	--	--
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	0.52	--
	1,1,1-Trichloroethane	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	200	--	200	--
	1,1,2,2-Tetrachloroethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	0.067	--
	1,1,2-Trichloroethane	µg/L	4	0%	4	0.27	0.27	0.27	0.27	0.27	0.27	0	--	--	--	--	--	--	5	--	5	--
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	4	0%	4	0.42	0.42	0.42	0.42	0.42	0.42	0	--	--	--	--	--	--	--	--	59000	--
	1,1-Dichloroethane	µg/L	4	0%	4	0.22	0.22	0.22	0.22	0.22	0.22	0	--	--	--	--	--	--	--	--	2.4	--
	1,1-Dichloroethene	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	7	--	7	--
	1,1-Dichloropropene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichlorobenzene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--	--
	1,2,3-Trichloropropane	µg/L	4	0%	4	0.33	0.33	0.33	0.33	0.33	0.33	0	--	--	--	--	--	--	--	--	0.0022	--
	1,2,4-Trichlorobenzene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	70	--	70	--
	1,2,4-Trimethylbenzene	µg/L	4	0%	4	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	--	--	15	--
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	4	0%	4	0.47	0.47	0.47	0.47	0.47	0.47	0	--	--	--	--	--	--	0.2	--	0.2	--
	1,2-Dichlorobenzene	µg/L	4	0%	4	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	600	--	600	--
	1,2-Dichloroethane	µg/L	4	0%	4	0.13	0.13	0.13	0.13	0.13	0.13	0	--	--	--	--	--	--	5	--	5	--
	1,2-Dichloroethene (total)	µg/L	4	0%	4	0.24	0.24	0.24	0.24	0.24	0.24	0	--	--	--	--	--	--	--	--	--	--
	1,2-Dichloropropane	µg/L	4	0%	4	0.18	0.18	0.18	0.18	0.18	0.18	0	--	--	--	--	--	--	5	--	5	--
	1,3,5-Trichlorobenzene	µg/L	4	0%	4	0.32	0.32	0.32	0.32	0.32	0.32	0	--	--	--	--	--	--	--	--	--	--
	1,3,5-Trimethylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	--	15	--
	1,3-Dichlorobenzene	µg/L	4	0%	4	0.13	0.13	0.13	0.13	0.13	0.13	0	--	--	--	--	--	--	--	--	87	--
	1,3-Dichloropropane	µg/L	4	0%	4	0.22	0.22	0.22	0.22	0.22	0.22	0	--	--	--	--	--	--	--	--	8.3	--
	1,4-Dichlorobenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	75	--	75	--

TABLE 6-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – OCTOBER 2011
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CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Volatile Organic Compounds	2,2,3-Trimethylbutane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--	
	2,2-Dichloropropane	µg/L	4	0%	4	0.18	0.18	0.18	0.18	0.18	0.18	0	--	--	--	--	--	--	--	--	--	
	2,2-Dimethylpentane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--	
	2,3-Dimethylpentane	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--	
	2,4-Dimethylpentane	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	--	
	2-Chlorotoluene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	91	--	
	2-Hexanone	µg/L	4	0%	4	1.7	1.7	1.7	1.7	1.7	1.7	0	--	--	--	--	--	--	--	63	--	
	2-Methylhexane	µg/L	4	0%	4	0.24	0.24	0.24	0.24	0.24	0.24	0	--	--	--	--	--	--	--	--	--	
	2-Nitropropane	µg/L	4	0%	4	1.6	1.6	1.6	1.6	1.6	1.6	0	--	--	--	--	--	--	--	0.0014	--	
	3,3-Dimethylpentane	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	--	--	
	3-Ethylpentane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--	
	3-Methylhexane	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	--	--	
	4-Chlorotoluene	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	--	--	
	4-Methyl-2-pentanone	µg/L	4	0%	4	0.98	0.98	0.98	0.98	0.98	0.98	0	--	--	--	--	--	--	--	2000	--	
	Acetone	µg/L	4	0%	4	1.9	1.9	1.9	1.9	1.9	1.9	0	--	--	--	--	--	--	--	22000	--	
	Acetonitrile	µg/L	4	0%	4	9.6	9.6	9.6	9.6	9.6	9.6	0	--	--	--	--	--	--	--	130	--	
	Benzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	5	5	--	
	Bromobenzene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	88	--	
	Bromodichloromethane	µg/L	4	25.0%	3	0.17	0.17	0.17	0.17	0.17	0.17	1	0.45	--	0.45	0.45	--	0.45	--	0.12	1	
	Bromoform	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	8.5	--	
	Bromomethane	µg/L	4	0%	4	0.21	0.21	0.21	0.21	0.21	0.21	0	--	--	--	--	--	--	--	8.7	--	
	Carbon tetrachloride	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	5	5	--	
	Chlorobenzene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	100	100	--	
	Chlorobromomethane	µg/L	4	0%	4	0.1	0.1	0.1	0.1	0.1	0.1	0	--	--	--	--	--	--	--	--	--	
	Chlorodibromomethane	µg/L	4	25.0%	3	0.17	0.17	0.17	0.17	0.17	0.17	1	0.81	--	0.81	0.81	--	0.81	--	0.15	1	
	Chloroethane	µg/L	4	0%	4	0.41	0.41	0.41	0.41	0.41	0.41	0	--	--	--	--	--	--	--	23	--	
	Chloroform	µg/L	4	75.0%	1	0.16	--	0.16	0.16	--	0.16	3	0.33	0.33	0.47	0.44	0.51	0.51	--	0.19	3	
	Chloromethane	µg/L	4	0%	4	0.3	0.3	0.3	0.3	0.3	0.3	0	--	--	--	--	--	--	--	2.7	--	
	cis-1,2-Dichloroethene	µg/L	4	0%	4	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	70	70	--	
	cis-1,3-Dichloropropene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	--	--	
	Cymene (Isopropyltoluene)	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	--	--	
	Dibromomethane	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	8.2	--	
	Dichlorodifluoromethane (Freon-12)	µg/L	4	0%	4	0.31	0.31	0.31	0.31	0.31	0.31	0	--	--	--	--	--	--	--	400	--	
	Dichloromethane	µg/L	4	0%	4	0.32	0.32	0.32	0.32	0.32	0.32	0	--	--	--	--	--	--	5	5	--	
	Dimethyl disulfide	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	--	--	
	Ethanol	µg/L	4	0%	4	94	94	94	94	94	94	0	--	--	--	--	--	--	--	210000	--	
	Ethylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	700	700	--	
	Isopropylbenzene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	680	--	
	m,p-Xylenes	µg/L	4	0%	4	0.34	0.34	0.34	0.34	0.34	0.34	0	--	--	--	--	--	--	--	1200	--	
	Methyl ethyl ketone	µg/L	4	0%	4	2	2	2	2	2	2	0	--	--	--	--	--	--	--	7100	--	
Methyl iodide	µg/L	4	0%	4	0.23	0.23	0.23	0.23	0.23	0.23	0	--	--	--	--	--	--	--	360	--		
MTBE (Methyl tert-butyl ether)	µg/L	4	0%	4	0.25	0.25	0.25	0.25	0.25	0.25	0	--	--	--	--	--	--	--	13	--		
n-Butylbenzene	µg/L	4	0%	4	0.14	0.14	0.14	0.14	0.14	0.14	0	--	--	--	--	--	--	--	250	--		
n-Heptane	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	--	0.2	--		
Nonanal	µg/L	4	25.0%	3	1.2	1.2	1.2	1.2	1.2	1.2	1	11	--	11	11	--	11	--	--	--		
n-Propylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	250	--		
o-Xylene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	1200	--		
sec-Butylbenzene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	--	250	--		
Styrene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	100	100	--		
tert-Butylbenzene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	--	250	--		
Tetrachloroethene	µg/L	4	0%	4	0.2	0.2	0.2	0.2	0.2	0.2	0	--	--	--	--	--	--	5	5	--		
Toluene	µg/L	4	0%	4	0.17	0.17	0.17	0.17	0.17	0.17	0	--	--	--	--	--	--	1000	1000	--		
Total Trihalomethanes	µg/L	4	75.0%	1	0.35	--	0.35	0.35	--	0.35	3	0.74	0.74	1.1	1	1.3	1.3	80	80	0		
trans-1,2-Dichloroethene	µg/L	4	0%	4	0.15	0.15	0.15	0.15	0.15	0.15	0	--	--	--	--	--	--	100	100	--		
trans-1,3-Dichloropropene	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	--	--	--		
Trichloroethene	µg/L	4	0%	4	0.16	0.16	0.16	0.16	0.16	0.16	0	--	--	--	--	--	--	5	5	--		
Trichlorofluoromethane (Freon-11)	µg/L	4	0%	4	0.29	0.29	0.29	0.29	0.29	0.29	0	--	--	--	--	--	--	--	1300	--		
Vinyl acetate	µg/L	4	0%	4	0.94	0.94	0.94	0.94	0.94	0.94	0	--	--	--	--	--	--	--	410	--		
Vinyl chloride	µg/L	4	0%	4	0.1	0.1	0.1	0.1	0.1	0.1	0	--	--	--	--	--	--	2	2	--		
Xylenes (total)	µg/L	4	0%	4	0.19	0.19	0.19	0.19	0.19	0.19	0	--	--	--	--	--	--	10000	10000	--		

TABLE 6-1d
GROUNDWATER SUMMARY OF SAMPLE RESULTS – DEEP ZONE – OCTOBER 2011
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 5 of 5)

Parameter of Interest	Compound List	Units	Total Count	Detect Freq.	Censored (Non-Detect) Data							Detected Data ^a							MCL	Count of Detects > MCL	Water BCL	Count of Detects > BCL
					Count	Min	Q1	Median	Mean	Q3	Max	Count	Min	Q1	Median	Mean	Q3	Max				
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	4	100%	0	--	--	--	--	--	--	4	47	56	85	77	90	91	--	--	--	--
	Calcium hardness as calcium carbonate	mg/L	4	100%	0	--	--	--	--	--	--	4	61	63	90	93	130	130	--	--	--	--
	Carbonate Alkalinity	mg/L	4	25.0%	3	1.1	1.1	1.1	1.1	1.1	1.1	1	6.7	--	6.7	6.7	--	6.7	--	--	--	--
	Hardness, Total	mg/L	4	100%	0	--	--	--	--	--	--	4	120	130	180	180	230	230	--	--	--	--
	Hydroxide alkalinity	mg/L	4	0%	4	1.1	1.1	1.1	1.1	1.1	1.1	0	--	--	--	--	--	--	--	--	--	--
	Magnesium hardness as calcium carbonate	mg/L	4	100%	0	--	--	--	--	--	--	4	57	64	92	85	100	100	--	--	--	--
	pH ^b	--	4	100%	--	--	--	--	--	--	--	4	7.64	7.7	7.9	8	8.5	8.67	6.5 - 8.5	1	--	--
	Total Alkalinity	mg/L	4	100%	0	--	--	--	--	--	--	4	53	60	85	78	90	91	--	--	--	--
Total Dissolved Solids (TDS)	mg/L	4	100%	0	--	--	--	--	--	--	4	490	530	680	650	760	770	500	3	--	--	

Notes:
BCL = Basic Comparison Levels (BCLs) from NDEP 2012b.
Max = Maximum
Min = Minimum
Q1 = 1st quartile (25th percentile)
Q3 = 3rd quartile (75th percentile)
Because both non-detect and detected radionuclides have reported activity levels, calculated summary statistics (and exceedances of comparison levels) are presented as detected regardless of the lab detect flag. Lab detect flags are represented by the censored (non-detect) and detect count fields in the table. The same approach has been applied for total trihalomethanes which are calculated values.
Note that sample counts less than four are due to the exclusion of rejected results, as discussed in the DVSR.
Values for Q1, median, mean, and Q3 are rounded to 2 significant figures. BCLs are rounded to 2 significant figures.
a - Range of detections include estimated values of detect results between the detection limit and reporting limit. As such some minimum detected concentrations may be below the minimum reporting limit. In these cases the respective sample results are flagged in the dataset.
b - Note that pH values are from field measurements taken at the time of sample collection, as reported on the field sampling forms.
µg/L = micrograms per liter
mg/L = milligrams per liter
pCi/L = picoCuries per liter
-- = Not applicable or no value has been established.

TABLE 6-2
DETECTION FREQUENCY REVIEW TABLE FOR DEEP ZONE
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 1 of 5)

Parameter of Interest	Compound List	1st Quarter 2009			2nd Quarter 2009			3rd Quarter 2009			4th Quarter 2009			April/May 2010			October 2010			March 2011			October 2011		
		Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.
General Chemistry	Bromide	--	--	--	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	4	100%	4	3	75.0%	4	4	100%
	Bromine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	3	75.0%	4	4	100%
	Chlorate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	0	0%	4	0	0%
	Chloride	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Chlorine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Chlorite	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	3	0	0%
	Fluoride	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Ion Balance Difference	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Nitrate	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	3	75.0%	4	4	100%	4	3	75.0%
	Nitrite	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Orthophosphate	--	--	--	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	0	0%	4	0	0%	4	0	0%
	Perchlorate	--	--	--	--	--	--	--	--	--	4	0	0%	4	4	100%	4	0	0%	4	0	0%	4	0	0%
	Sulfate	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
Metals	Aluminum	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	4	100%	4	4	100%
	Antimony	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	2	50.0%	4	2	50.0%
	Arsenic	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Barium	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Beryllium	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	1	25.0%	4	0	0%	4	0	0%
	Boron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Cadmium	--	--	--	--	--	--	--	--	--	4	2	50.0%	4	0	0%	4	2	50.0%	4	1	25.0%	4	1	25.0%
	Calcium	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Chromium	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Chromium (VI)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	4	100%	4	3	75.0%
	Cobalt	--	--	--	--	--	--	--	--	--	4	2	50.0%	--	--	--	4	1	25.0%	4	4	100%	4	4	100%
	Copper	--	--	--	--	--	--	--	--	--	4	2	50.0%	--	--	--	4	2	50.0%	4	1	25.0%	4	1	25.0%
	Iron	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Lead	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	2	50.0%	4	0	0%	4	1	25.0%	4	2	50.0%
	Lithium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Magnesium	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Manganese	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Mercury	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	1	25.0%	4	0	0%	4	0	0%
	Molybdenum	--	--	--	--	--	--	--	--	--	4	4	100%	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Nickel	--	--	--	--	--	--	--	--	--	4	4	100%	--	--	--	4	3	75.0%	4	4	100%	4	4	100%
	Potassium	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Selenium	--	--	--	--	--	--	--	--	--	4	2	50.0%	4	0	0%	4	3	75.0%	4	3	75.0%	4	3	75.0%
	Silver	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Sodium	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Strontium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Thallium	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	1	25.0%	4	0	0%	4	3	75.0%
	Tin	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	1	25.0%
	Titanium	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	4	100%	4	4	100%
	Tungsten	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	1	25.0%	4	4	100%
	Uranium	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	3	75.0%	4	4	100%	4	4	100%
	Vanadium	--	--	--	--	--	--	--	--	--	4	4	100%	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Zinc	--	--	--	--	--	--	--	--	--	4	2	50.0%	--	--	--	4	2	50.0%	4	2	50.0%	4	4	100%
Organochlorine Pesticides	2,4'-DDD	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,4'-DDE	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4,4'-DDD	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4,4'-DDE	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4,4'-DDT	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Aldrin	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	2	50.0%	4	0	0%	4	0	0%
	alpha-BHC	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	alpha-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	beta-BHC	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Chlordane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	delta-BHC	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Dieldrin	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Endosulfan I	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Endosulfan II	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Endosulfan sulfate	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	1	25.0%	4	0	0%

TABLE 6-2
DETECTION FREQUENCY REVIEW TABLE FOR DEEP ZONE
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
(Page 2 of 5)

Parameter of Interest	Compound List	1st Quarter 2009			2nd Quarter 2009			3rd Quarter 2009			4th Quarter 2009			April/May 2010			October 2010			March 2011			October 2011		
		Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.
Organochlorine Pesticides	Endrin	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Endrin aldehyde	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Endrin ketone	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	gamma-BHC (Lindane)	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	gamma-Chlordane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Heptachlor	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Heptachlor epoxide	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Methoxychlor	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
Polynuclear Aromatic Hydrocarbons	Toxaphene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Acenaphthene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Acenaphthylene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Anthracene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Benzo(a)anthracene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	4	100%
	Benzo(a)pyrene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Benzo(b)fluoranthene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Benzo(g,h,i)perylene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Benzo(k)fluoranthene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Chrysene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Dibenzo(a,h)anthracene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Indeno(1,2,3-cd)pyrene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Phenanthrene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
Radionuclides	Pyrene	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Radium-226	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	2	50.0%	4	3	75.0%
	Radium-226/ 228	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	2	50.0%	4	4	100%
	Radium-228	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	0	0%	4	4	100%
	Radon-222	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	4	100%	4	4	100%
	Thorium-228	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Thorium-230	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	1	25.0%	4	0	0%
	Thorium-232	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Uranium-233/234	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	2	50.0%	4	4	100%	4	4	100%
Semivolatile Organic Compounds	Uranium-235/236	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	1	25.0%
	Uranium-238	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	3	75.0%	4	3	75.0%
	1,2,4,5-Tetrachlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,2-Diphenylhydrazine	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,4-Dioxane	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,2'-Dichlorobenzil	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,4,5-Trichlorophenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,4,6-Trichlorophenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,4-Dichlorophenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,4-Dimethylphenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,4-Dinitrophenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,4-Dinitrotoluene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,6-Dinitrotoluene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2-Chloronaphthalene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2-Chlorophenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2-Methylnaphthalene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2-Nitroaniline	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2-Nitrophenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	3,3'-Dichlorobenzidine	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	3-Nitroaniline	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4-Bromophenyl phenyl ether	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4-Chloro-3-methylphenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4-Chloroaniline	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4-Chlorophenyl phenyl ether	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4-Chlorothioanisole	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4-Chlorothiophenol	--	--	--	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	0	0%	4	0	0%	4	0	0%
	4-Nitroaniline	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4-Nitrophenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Acetophenone	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Aniline	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%

TABLE 6-2
DETECTION FREQUENCY REVIEW TABLE FOR DEEP ZONE
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CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	1st Quarter 2009			2nd Quarter 2009			3rd Quarter 2009			4th Quarter 2009			April/May 2010			October 2010			March 2011			October 2011		
		Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.
Semivolatile Organic Compounds	Benzoic acid	--	--	--	--	--	--	--	--	--	4	0	0%	4	2	50.0%	4	0	0%	4	0	0%	4	0	0%
	Benzyl alcohol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	bis(2-Chloroethoxy)methane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	bis(2-Chloroethyl)ether	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	bis(2-Chloroisopropyl)ether	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	bis(2-Ethylhexyl)phthalate	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	bis(p-Chlorophenyl)disulfide	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	bis(p-Chlorophenyl)sulfone	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Butylbenzyl phthalate	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Carbazole	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Dibenzofuran	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Diethyl phthalate	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Dimethyl phthalate	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Di-n-butyl phthalate	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Di-n-octyl phthalate	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Diphenyl disulfide	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Diphenyl sulfide	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Diphenylamine	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Fluoranthene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Fluorene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Hexachlorobenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Hexachlorobutadiene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Hexachlorocyclopentadiene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Hexachloroethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Hydroxymethyl phthalimide	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Isophorone	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	m,p-Cresols	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Naphthalene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	1	25.0%	4	0	0%
	Nitrobenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	N-nitrosodi-n-propylamine	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	o-Cresol	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Octachlorostyrene	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Pentachlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Pentachlorophenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Phenol	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Phenyl sulfone	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Pyridine	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Thiophenol	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,1,2,2-Tetrachloroethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,1,2-Trichloroethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	1,1-Dichloroethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,1-Dichloropropene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,2,3-Trichlorobenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,2,3-Trichloropropane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,2,4-Trichlorobenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,2,4-Trimethylbenzene	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	0	0%	4	2	50.0%	4	3	75.0%	4	0	0%
	1,2-Dibromo-3-chloropropane (DBCP)	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,2-Dichlorobenzene	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	4	100%	4	4	100%	4	4	100%	4	0	0%
	1,2-Dichloroethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,2-Dichloroethene (total)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	1,2-Dichloropropane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,3,5-Trichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	1,3,5-Trimethylbenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,3-Dichlorobenzene	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,3-Dichloropropane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	4	100%	4	4	100%	4	4	100%	4	0	0%

TABLE 6-2
DETECTION FREQUENCY REVIEW TABLE FOR DEEP ZONE
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CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	1st Quarter 2009			2nd Quarter 2009			3rd Quarter 2009			4th Quarter 2009			April/May 2010			October 2010			March 2011			October 2011		
		Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.
Volatile Organic Compounds	2,2,3-Trimethylbutane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	2,2-Dichloropropane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2,2-Dimethylpentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	2,3-Dimethylpentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	2,4-Dimethylpentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	2-Chlorotoluene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	2-Hexanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	2-Methylhexane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	2-Nitropropane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	3,3-Dimethylpentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	3-Ethylpentane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	3-Methylhexane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	4-Chlorotoluene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	4-Methyl-2-pentanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Acetone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Acetonitrile	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Benzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	4	100%	4	0	0%	4	0	0%	4	0	0%
	Bromobenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Bromodichloromethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	1	25.0%	4	0	0%	4	0	0%	4	1	25.0%
	Bromoform	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Bromomethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Carbon tetrachloride	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Chlorobenzene	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	4	100%	4	1	25.0%	4	0	0%	4	0	0%
	Chlorobromomethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Chlorodibromomethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	1	25.0%	4	0	0%	4	0	0%	4	1	25.0%
	Chloroethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Chloroform	--	--	--	--	--	--	--	--	--	4	0	0%	4	1	25.0%	4	0	0%	4	0	0%	4	3	75.0%
	Chloromethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	cis-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	cis-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Cymene (Isopropyltoluene)	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Dibromomethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Dichlorodifluoromethane (Freon-12)	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Dichloromethane	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Dimethyl disulfide	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Ethanol	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Ethylbenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Isopropylbenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	m,p-Xylenes	--	--	--	--	--	--	--	--	--	4	0	0%	4	2	50.0%	4	3	75.0%	4	2	50.0%	4	0	0%
	Methyl ethyl ketone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Methyl iodide	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	MTBE (Methyl tert-butyl ether)	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	n-Butylbenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	n-Heptane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Nonanal	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	2	50.0%	4	2	50.0%	4	1	25.0%
	n-Propylbenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	o-Xylene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	3	75.0%	4	4	100%	4	0	0%
	sec-Butylbenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Styrene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	tert-Butylbenzene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Tetrachloroethene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Toluene	--	--	--	--	--	--	--	--	--	4	3	75.0%	4	3	75.0%	4	4	100%	4	0	0%	4	0	0%
	Total Trihalomethanes	--	--	--	--	--	--	--	--	--	4	0	0%	4	1	25.0%	4	0	0%	4	0	0%	4	3	75.0%
	trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	trans-1,3-Dichloropropene	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Trichloroethene	--	--	--	--	--	--	--	--	--	4	1	25.0%	4	4	100%	4	4	100%	4	0	0%	4	0	0%
	Trichlorofluoromethane (Freon-11)	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Vinyl acetate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%
	Vinyl chloride	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Xylenes (total)	--	--	--	--	--	--	--	--	--	4	0	0%	--	--	--	4	3	75.0%	4	4	100%	4	0	0%

TABLE 6-2
DETECTION FREQUENCY REVIEW TABLE FOR DEEP ZONE
CAMU 2010/2011 GROUNDWATER MONITORING REPORT
CAMU AREA, CLARK COUNTY, NEVADA
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Parameter of Interest	Compound List	1st Quarter 2009			2nd Quarter 2009			3rd Quarter 2009			4th Quarter 2009			April/May 2010			October 2010			March 2011			October 2011		
		Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.	Total Count	Detects	Detect Freq.
Water Quality Parameters	Bicarbonate Alkalinity	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Calcium hardness as calcium carbonate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Carbonate Alkalinity	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	1	25.0%	4	1	25.0%	4	1	25.0%
	Hardness, Total	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	Hydroxide alkalinity	--	--	--	--	--	--	--	--	--	4	0	0%	4	0	0%	4	0	0%	4	0	0%	4	0	0%
	Magnesium hardness as calcium carbonate	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%
	pH	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Total Alkalinity	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%
	Total Dissolved Solids (TDS)	--	--	--	--	--	--	--	--	--	4	4	100%	4	4	100%	4	4	100%	4	4	100%	4	4	100%

Notes:

TABLE 7-1a

AVERAGE OF DETECTS COMPARISON

CAMU 2010/2011 GROUNDWATER MONITORING REPORT

CAMU AREA, CLARK COUNTY, NEVADA

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Parameter of Interest	Compound List	Units	April/May 2010			October 2010			March 2011			October 2011		
			Shallow	Middle	Deep	Shallow	Middle	Deep	Shallow	Middle	Deep	Shallow	Middle	Deep
Semivolatile Organic Compounds	2-Chloronaphthalene	µg/L	3	0.92	ND	ND	ND	ND	2.1	1.5	ND	ND	ND	ND
	2-Chlorophenol	µg/L	25	57	ND	39	140	ND	29	88	ND	18	31	ND
	2-Methylnaphthalene	µg/L	0.45	ND	ND	0.41	ND	ND	ND	ND	ND	0.4	ND	ND
	2-Nitroaniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloro-3-methylphenol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorothiobanisole	µg/L	17	31	ND	ND	ND	ND	7.9	25	ND	21	ND	ND
	4-Chlorothiophenol	µg/L	300	38	4.1	360	190	ND	130	27	ND	500	79	ND
	4-Nitroaniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetophenone	µg/L	3.4	ND	ND	ND	21	ND	ND	21	ND	3	ND	ND
	Aniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	µg/L	ND	550	13	ND	240	ND	21	170	ND	ND	490	ND
	Benzyl alcohol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	bis(2-Chloroethoxy)methane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	bis(2-Chloroethyl)ether	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	bis(2-Chloroisopropyl)ether	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	bis(2-Ethylhexyl)phthalate	µg/L	4.9	4.3	ND	ND	ND	ND	ND	ND	ND	9.1	ND	ND
	bis(p-Chlorophenyl)disulfide	µg/L	860	330	ND	2100	180	ND	530	54	ND	1200	46	ND
	bis(p-Chlorophenyl)sulfone	µg/L	ND	140	ND	ND	110	ND	ND	95	ND	16	77	ND
	Butylbenzyl phthalate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbazole	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibenzofuran	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Diethyl phthalate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dimethyl phthalate	µg/L	ND	ND	2300	ND	ND	1900	ND	ND	1200	ND	ND	510
	Di-n-butyl phthalate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Di-n-octyl phthalate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Diphenyl disulfide	µg/L	650	540	ND	530	460	ND	390	400	ND	1000	190	ND
	Diphenyl sulfide	µg/L	ND	4.2	ND	160	ND	ND	ND	ND	ND	3.3	ND	ND
	Diphenylamine	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Fluoranthene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Fluorene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hydroxymethyl phthalimide	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Cresols	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.7	ND	ND
	Naphthalene	µg/L	2.5	ND	ND	ND	ND	ND	ND	ND	0.38	2.6	ND	ND
	Nitrobenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-nitrosodi-n-propylamine	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Octachlorostyrene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Pentachlorobenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2	ND	ND
	Pentachlorophenol	µg/L	6.4	12	ND	ND	ND	ND	5.6	12	ND	7.1	ND	ND
	Phenol	µg/L	1.5	55	ND	ND	79	ND	8.3	85	ND	3.9	36	ND
	Phenyl sulfone	µg/L	ND	35	ND	ND	33	ND	ND	30	ND	ND	ND	ND
	Pyridine	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Thiophenol	µg/L	11	260	ND	34	790	ND	760	78	ND	1600	ND	ND
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	µg/L	3.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	µg/L	29	45	ND	30	41	ND	28	66	ND	29	110	ND
	1,1-Dichloroethene	µg/L	0.55	ND	ND	1.5	ND	ND	1.2	3	ND	1.8	3.1	ND
	1,1-Dichloropropene	µg/L	0.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	µg/L	31	17	ND	47	ND	ND	97	ND	ND	45	0.57	ND
	1,2,3-Trichloropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	µg/L	220	110	ND	310	ND	ND	260	ND	ND	260	2.6	ND
	1,2,4-Trimethylbenzene	µg/L	1.1	7.5	ND	ND	ND	0.18	0.61	ND	0.27	ND	ND	ND
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	µg/L	560	2500	2.8	560	2900	1.5	440	4300	0.55	580	1400	ND
	1,2-Dichloroethane	µg/L	25	12	ND	110	ND	ND	5.5	20	ND	160	230	ND
	1,2-Dichloroethene (total)	µg/L	0.48	ND	ND	0.63	ND	ND	ND	ND	ND	1.6	0.41	ND
	1,2-Dichloropropane	µg/L	0.24	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trichlorobenzene	µg/L	1.7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylpentane	µg/L	0.44	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	µg/L	33	500	ND	69	210	ND	39	220	ND	56	400	ND
	1,3-Dichloropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	µg/L	810	5600	3	940	4100	1.3	770	8800	0.36	940	2400	ND
	2,2,3-Trimethylbutane	µg/L	0.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,2-Dichloropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,2-Dimethylpentane	µg/L	0.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3-Dimethylpentane	µg/L	59	ND	ND	120	ND	ND	140	ND	ND	90	ND	ND
	2,4-Dimethylpentane	µg/L	1.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorotoluene	µg/L	1.7	44	ND	ND	ND	ND	ND	ND	ND	ND	0.64	ND
	2-Hexanone	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylhexane	µg/L	4.3	ND	ND	2.9	ND	ND	ND	ND	ND	20	ND	ND
	2-Nitropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3-Dimethylpentane	µg/L	10	ND	ND	16	ND	ND	15	ND	ND	17	ND	ND
	3-Ethylpentane	µg/L	24	ND	ND	31	ND	ND	49	ND	ND	40	ND	ND
	3-Methylhexane	µg/L	3.5	ND	ND	97	ND	ND	ND	ND	ND	56	ND	ND
	4-Chlorotoluene	µg/L	1.8	26	ND	ND	ND	ND	ND	ND	ND	ND	0.31	ND
	4-Methyl-2-pentanone	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	µg/L	5.8	ND	ND	47	ND	ND	ND	ND	ND	150	640	ND
	Acetonitrile	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	µg/L	24000	47000	0.42	19000	38000	ND	18000	54000	ND	22000	51000	ND
	Bromobenzene	µg/L	0.65	8.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	µg/L	0.96	ND	0.61	ND	ND	ND	ND	ND	ND	ND	ND	0.45
	Bromoform	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon tetrachloride	µg/L	ND	170	ND	ND	180	ND	ND	260	ND	ND	770	ND
	Chlorobenzene	µg/L	41000	120000	3.8	13000	110000	0.27	14000	150000	ND	17000	90000	ND
	Chlorobromomethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorodibromomethane	µg/L	ND	ND	0.4	ND	ND	ND	ND	ND	ND	ND	ND	0.81
	Chloroethane	µg/L	1.4	ND	ND	ND	ND	ND	0.64	ND	ND	ND	ND	ND

TABLE 7-1a
AVERAGE OF DETECTS COMPARISON
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Parameter of Interest	Compound List	Units	April/May 2010			October 2010			March 2011			October 2011		
			Shallow	Middle	Deep	Shallow	Middle	Deep	Shallow	Middle	Deep	Shallow	Middle	Deep
Volatile Organic Compounds	Chloroform	µg/L	3000	21000	0.92	2800	25000	ND	2900	31000	ND	2800	51000	0.44
	Chloromethane	µg/L	0.63	66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	µg/L	0.32	ND	ND	0.63	ND	ND	0.64	ND	ND	1.6	0.41	ND
	cis-1,3-Dichloropropene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cymene (Isopropyltoluene)	µg/L	0.038	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichlorodifluoromethane (Freon-12)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	µg/L	930	1300	ND	3600	1400	ND	2500	1600	ND	600	1600	ND
	Dimethyl disulfide	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethanol	µg/L	3500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isopropylbenzene	µg/L	0.29	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylenes	µg/L	ND	ND	0.8	ND	ND	0.46	ND	ND	0.36	ND	ND	ND
	Methyl ethyl ketone	µg/L	28	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl iodide	µg/L	0.63	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MTBE (Methyl tert-butyl ether)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	µg/L	0.062	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Heptane	µg/L	ND	ND	ND	50	ND	ND	30	ND	ND	ND	ND	ND
	Nonanal	µg/L	ND	ND	ND	220	190	3.6	5.6	ND	1.4	ND	ND	11
	n-Propylbenzene	µg/L	0.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	µg/L	2.2	ND	ND	ND	ND	0.22	0.34	ND	0.39	ND	ND	ND
	sec-Butylbenzene	µg/L	0.099	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	tert-Butylbenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	µg/L	250	44	ND	35	ND	ND	28	ND	ND	19	0.53	ND
	Toluene	µg/L	28	7.8	1.5	1.9	3.4	0.58	3.3	4.4	ND	ND	3.1	ND
	Total Trihalomethanes	µg/L	3000	21000	2.3	2800	25000	ND	2900	31000	ND	2800	51000	1
	trans-1,2-Dichloroethene	µg/L	0.13	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	µg/L	14	5.3	2.8	14	3.5	0.82	19	4.2	ND	21	6.2	ND
	Trichlorofluoromethane (Freon-11)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl acetate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	µg/L	0.53	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.2	ND
	Xylenes (total)	µg/L	4.3	ND	ND	ND	ND	0.69	0.34	ND	0.57	ND	ND	ND
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	270	130	74	280	170	66	330	85	82	310	110	77
	Calcium hardness as calcium carbonate	mg/L	1400	72	ND	1200	720	96	1200	720	95	1300	1200	93
	Carbonate Alkalinity	mg/L	ND	ND	ND	ND	ND	8.9	ND	ND	ND	ND	ND	6.7
	Hardness, Total	mg/L	3600	140	ND	3200	1700	180	3600	1700	180	3400	2800	180
	Hydroxide alkalinity	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium hardness as calcium carbonate	mg/L	2300	64	ND	2000	920	85	2400	970	87	2200	1600	85
	pH	--	6.5	6.9	7.8	6.9	6.4	7.8	7.0	7.1	8.3	7.1	7.3	8.0
	Total Alkalinity	mg/L	270	130	74	280	170	70	330	85	82	310	110	78
	Total Dissolved Solids (TDS)	mg/L	13000	5200	690	13000	7000	660	17000	3400	600	15000	3800	650

Notes:
ND = Not Detected. The statistical summaries in this table pertain to a data pool in which there are a variety of applicable reporting limits. For presentation purposes, non-detections are therefore represented as “ND”. Reporting limits associated with each result are provided in Tables 2-13 through 2-20.
NA = not analyzed.
µg/L = micrograms per liter
mg/L = milligrams per liter
pCi/L = picoCuries per liter

TABLE 7-1b
MAXIMUM OF DETECTS COMPARISON
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Parameter of Interest	Compound List	Units	April/May 2010			October 2010			March 2011			October 2011		
			Shallow	Middle	Deep	Shallow	Middle	Deep	Shallow	Middle	Deep	Shallow	Middle	Deep
Semivolatile Organic Compounds	2-Chloronaphthalene	µg/L	3.03	1.43	ND	ND	ND	ND	2.05	1.54	ND	ND	ND	ND
	2-Chlorophenol	µg/L	61.8	110	ND	64.6	138	ND	53.4	121	ND	52.2	31.5	ND
	2-Methylnaphthalene	µg/L	0.447	ND	ND	0.406	ND	ND	ND	ND	ND	0.453	ND	ND
	2-Nitroaniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Nitrophenol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3'-Dichlorobenzidine	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3-Nitroaniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Bromophenyl phenyl ether	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloro-3-methylphenol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chloroaniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorophenyl phenyl ether	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Chlorothiobanisole	µg/L	16.8	30.7	ND	ND	ND	ND	8.78	25.1	ND	27.4	ND	ND
	4-Chlorothiophenol	µg/L	1130	104	4.05	1080	188	ND	311	27.1	ND	1510	78.5	ND
	4-Nitroaniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	4-Nitrophenol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetophenone	µg/L	3.44	ND	ND	ND	21.1	ND	ND	20.8	ND	3.23	ND	ND
	Aniline	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzoic acid	µg/L	ND	550	13.6	ND	243	ND	20.5	170	ND	ND	485	ND
	Benzyl alcohol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	bis(2-Chloroethoxy)methane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	bis(2-Chloroethyl)ether	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	bis(2-Chloroisopropyl)ether	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	bis(2-Ethylhexyl)phthalate	µg/L	4.9	6.38	ND	ND	ND	ND	ND	ND	ND	16.4	ND	ND
	bis(p-Chlorophenyl)disulfide	µg/L	2310	326	ND	4770	184	ND	1230	54.2	ND	3460	45.7	ND
	bis(p-Chlorophenyl)sulfone	µg/L	ND	141	ND	ND	105	ND	ND	94.9	ND	16.1	76.7	ND
	Butylbenzyl phthalate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbazole	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibenzofuran	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Diethyl phthalate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dimethyl phthalate	µg/L	ND	ND	4560	ND	ND	2900	ND	ND	1840	ND	ND	766
	Di-n-butyl phthalate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Di-n-octyl phthalate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Diphenyl disulfide	µg/L	3050	536	ND	2220	456	ND	1350	399	ND	4920	186	ND
	Diphenyl sulfide	µg/L	ND	4.15	ND	312	ND	ND	ND	ND	ND	3.25	ND	ND
	Diphenylamine	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Fluoranthene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Fluorene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorobutadiene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachlorocyclopentadiene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hexachloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Hydroxymethyl phthalimide	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isophorone	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Cresols	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.65	ND	ND
	Naphthalene	µg/L	2.45	ND	ND	ND	ND	ND	ND	ND	0.38	3.43	ND	ND
	Nitrobenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	N-nitrosodi-n-propylamine	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Cresol	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Octachlorostyrene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Pentachlorobenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.16	ND	ND
	Pentachlorophenol	µg/L	6.35	12	ND	ND	ND	ND	5.63	12.1	ND	7.13	ND	ND
	Phenol	µg/L	1.86	160	ND	ND	78.9	ND	11.4	85.3	ND	9.16	60.6	ND
	Phenyl sulfone	µg/L	ND	34.7	ND	ND	32.9	ND	ND	29.9	ND	ND	ND	ND
	Pyridine	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Thiophenol	µg/L	19	262	ND	33.6	787	ND	1510	78.4	ND	7970	ND	ND
Volatile Organic Compounds	1,1,1,2-Tetrachloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,1-Trichloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2,2-Tetrachloroethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trichloroethane	µg/L	14	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1,2-Trifluoro-1,2,2-trichloroethane (Freon-113)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,1-Dichloroethane	µg/L	93	61	ND	74	48	ND	69	74	ND	76	190	ND
	1,1-Dichloroethene	µg/L	1.3	ND	ND	1.5	ND	ND	1.6	3	ND	1.8	4.4	ND
	1,1-Dichloropropene	µg/L	0.95	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,3-Trichlorobenzene	µg/L	120	17	ND	140	ND	ND	210	ND	ND	120	0.57	ND
	1,2,3-Trichloropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2,4-Trichlorobenzene	µg/L	1200	110	ND	1500	ND	ND	990	ND	ND	1200	2.6	ND
	1,2,4-Trimethylbenzene	µg/L	5.6	7.5	ND	ND	ND	0.2	1	ND	0.28	ND	ND	ND
	1,2-Dibromo-3-chloropropane (DBCP)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,2-Dichlorobenzene	µg/L	2700	13000	3.4	3000	10000	1.7	2100	15000	0.76	2700	4700	ND
	1,2-Dichloroethane	µg/L	70	14	ND	760	ND	ND	11	20	ND	730	660	ND
	1,2-Dichloroethene (total)	µg/L	0.8	ND	ND	0.63	ND	ND	ND	ND	ND	1.6	0.41	ND
	1,2-Dichloropropane	µg/L	0.45	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trichlorobenzene	µg/L	3.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3,5-Trimethylpentane	µg/L	0.56	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,3-Dichlorobenzene	µg/L	150	500	ND	190	410	ND	100	650	ND	140	1400	ND
	1,3-Dichloropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	1,4-Dichlorobenzene	µg/L	4000	30000	3.4	5000	18000	1.4	3600	31000	0.46	4300	8000	ND
	2,2,3-Trimethylbutane	µg/L	0.97	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,2-Dichloropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,2-Dimethylpentane	µg/L	0.35	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2,3-Dimethylpentane	µg/L	230	ND	ND	190	ND	ND	140	ND	ND	110	ND	ND
	2,4-Dimethylpentane	µg/L	1.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Chlorotoluene	µg/L	11	44	ND	ND	ND	ND	ND	ND	ND	ND	0.64	ND
	2-Hexanone	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	2-Methylhexane	µg/L	10	ND	ND	5.2	ND	ND	ND	ND	ND	20	ND	ND
	2-Nitropropane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	3,3-Dimethylpentane	µg/L	38	ND	ND	25	ND	ND	15	ND	ND	21	ND	ND
	3-Ethylpentane	µg/L	94	ND	ND	50	ND	ND	50	ND	ND	40	ND	ND
	3-Methylhexane	µg/L	12	ND	ND	150	ND	ND	ND	ND	ND	69	ND	ND
	4-Chlorotoluene	µg/L	9.5	26	ND	ND	ND	ND	ND	ND	ND	ND	0.31	ND
	4-Methyl-2-pentanone	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Acetone	µg/L	22	ND	ND	47	ND	ND	ND	ND	ND	430	1000	ND
	Acetonitrile	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Benzene	µg/L	140000	140000	0.46	75000	98000	ND	81000	140000	ND	80000	140000	ND
	Bromobenzene	µg/L	1.2	8.8	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromodichloromethane	µg/L	0.96	ND	0.61	ND	ND	ND	ND	ND	ND	ND	ND	0.45
	Bromoform	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Bromomethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Carbon tetrachloride	µg/L	ND	250	ND	ND	250	ND	ND	260	ND	ND	1400	ND
	Chlorobenzene	µg/L	260000	410000	5.3	53000	380000	0.27	65000	430000	ND	73000	250000	ND
	Chlorobromomethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Chlorodibromomethane	µg/L	ND	ND	0.4	ND	ND	ND	ND	ND	ND	ND	ND	0.81
	Chloroethane	µg/L	4	ND	ND	ND	ND	ND	0.64	ND	ND	ND	ND	ND

TABLE 7-1b
MAXIMUM OF DETECTS COMPARISON
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Parameter of Interest	Compound List	Units	April/May 2010			October 2010			March 2011			October 2011		
			Shallow	Middle	Deep	Shallow	Middle	Deep	Shallow	Middle	Deep	Shallow	Middle	Deep
Volatile Organic Compounds	Chloroform	µg/L	31000	69000	0.92	25000	61000	ND	28000	62000	ND	27000	150000	0.51
	Chloromethane	µg/L	1.4	66	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	cis-1,2-Dichloroethene	µg/L	0.67	ND	ND	0.63	ND	ND	1.1	ND	ND	1.6	0.41	ND
	cis-1,3-Dichloropropene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Cymene (Isopropyltoluene)	µg/L	0.038	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dibromomethane	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichlorodifluoromethane (Freon-12)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Dichloromethane	µg/L	6000	3200	ND	5800	1800	ND	5500	1600	ND	5600	5800	ND
	Dimethyl disulfide	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethanol	µg/L	3500	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Ethylbenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Isopropylbenzene	µg/L	0.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	m,p-Xylenes	µg/L	ND	ND	0.81	ND	ND	0.51	ND	ND	0.37	ND	ND	ND
	Methyl ethyl ketone	µg/L	38	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Methyl iodide	µg/L	0.92	110	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	MTBE (Methyl tert-butyl ether)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Butylbenzene	µg/L	0.062	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	n-Heptane	µg/L	ND	ND	ND	56	ND	ND	30	ND	ND	ND	ND	ND
	Nonanal	µg/L	ND	ND	ND	350	540	4.1	6.3	ND	1.4	ND	ND	11
	n-Propylbenzene	µg/L	0.36	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	o-Xylene	µg/L	8.8	ND	ND	ND	ND	0.26	0.34	ND	0.41	ND	ND	ND
	sec-Butylbenzene	µg/L	0.099	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Styrene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	tert-Butylbenzene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Tetrachloroethene	µg/L	2200	60	ND	90	ND	ND	83	ND	ND	68	0.53	ND
	Toluene	µg/L	160	7.9	2	3.4	3.4	0.85	6.9	4.4	ND	ND	5.4	ND
	Total Trihalomethanes	µg/L	31001	69220	2.33	25030	61110	ND	28027	62530	ND	27000	150000	1.3
	trans-1,2-Dichloroethene	µg/L	0.18	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	trans-1,3-Dichloropropene	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Trichloroethene	µg/L	120	5.3	4	56	3.5	0.96	69	5.1	ND	61	7.1	ND
	Trichlorofluoromethane (Freon-11)	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl acetate	µg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Vinyl chloride	µg/L	1.3	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.3	ND
	Xylenes (total)	µg/L	8.8	ND	ND	ND	ND	0.77	0.34	ND	0.78	ND	ND	ND
Water Quality Parameters	Bicarbonate Alkalinity	mg/L	725	320	80	580	340	84	820	93	84	750	170	91
	Calcium hardness as calcium carbonate	mg/L	3600	72	ND	3000	1400	130	2600	1300	140	2900	3000	130
	Carbonate Alkalinity	mg/L	ND	ND	ND	ND	ND	8.9	ND	ND	ND	ND	ND	6.7
	Hardness, Total	mg/L	12000	140	ND	9700	3100	230	10000	3200	240	10000	7500	230
	Hydroxide alkalinity	mg/L	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
	Magnesium hardness as calcium carbonate	mg/L	8600	64	ND	6700	1900	100	7500	1900	100	7500	4600	100
	pH	--	7.03	7.83	7.89	7.62	7.87	8.45	7.59	7.72	8.94	7.47	7.68	8.67
	Total Alkalinity	mg/L	725	320	80	580	340	84	820	93	84	750	170	91
	Total Dissolved Solids (TDS)	mg/L	26400	14000	820	47000	12000	700	65000	8200	700	57000	8700	770

Notes:
ND = Not Detected. The statistical summaries in this table pertain to a data pool in which there are a variety of applicable reporting limits. For presentation purposes, non-detections are therefore represented as “ND”. Reporting limits associated with each result are provided in Tables 2-13 through 2-20.
NA = not analyzed.
µg/L = micrograms per liter
mg/L = milligrams per liter
pCi/L = picoCuries per liter

APPENDIX A

NDEP COMMENTS AND BRC'S RESPONSE TO COMMENTS

APPENDIX A-1

Responses to Nevada Division of Environmental Protection (NDEP) Comments dated September 28, 2011 to CAMU March 2011 Semi-Annual Groundwater Monitoring Report dated June 2011

1. Section 1.1, page 1-1, first bullet, it is requested that the references to Tronox be updated to the Nevada Environmental Response Trust (NERT) in future Deliverables.

Response: *The text in the CAMU 2010/2011 groundwater monitoring report incorporates updated references to NERT as noted in this comment.*

2. Section 1.1, page 1-2, BRC is directed to the Montrose June 16, 2011, *Summary Data Report DNAPL and Salinity Field Investigation*. There is new information regarding upgradient sources that may be helpful in the development of future Deliverables.

Response: *The text in the CAMU 2010/2011 groundwater monitoring report incorporates available information on upgradient sources as appropriate, as noted in this comment.*

3. Section 2.0, page 2-1, please review the citation for the FSSOP as this does not appear to be the most current version of the SOPs. Please address this in future Deliverables.

Response: *The most recent version of the FSSOP is December 2009, as cited in the report.*

4. Section 2.6, page 2-6, it is requested that BRC consider completing a full analytical suite on the DNAPL in the future as this may affect some of the other suites which are varying widely.

Response: *The DNAPL in question does not originate from the CAMU. Additionally, it is clear from the analytical data that the DNAPL observed in the CAMU area is made up primarily of benzene, chlorobenzenes, and other chlorinated VOCs, which originate upgradient from the CAMU. BRC is aware that Montrose/Stauffer/Olin also monitors for DNAPL during their monitoring events. Therefore, it is unclear what would be gained by adding in additional analytical suites. Also, BRC has been informed by the laboratories that they cannot test for analytes other than SVOCs, VOCs, and a few cations, due to the possible high concentrations present in the samples. The laboratories are unwilling to risk damaging their analytical instrumentation for additional analyses, which has occurred in the past and can be costly. For these reasons, BRC contends that it is not necessary or appropriate to include additional analytes (other than VOCs) for DNAPL samples.*

5. Section 2.9, general comment, the Deliverable does not contain any text describing the activity or results of laboratory data quality checking presented in Table 3-11 other than a reference to the NDEP guidance in Section 2.9. Please include narrative regarding this topic similar to the other analytes for the main report body for revised report. Please also discuss the results of quality checking, and include a discussion of flagged and rejected data,

especially with regards to forward quality control (e.g., what steps will be taken to improve laboratory data). Additional rationale for the need for this is provided below by the numerous errors reported.

Response: *Section 2.9 of the CAMU 2010/2011 groundwater monitoring report incorporates a discussion of data quality checking (cation-anion balance in particular), as noted in NDEP's comment.*

6. Section 3.2, page 3-1, it appears that the citation of the pH of 4.59 is a carry-over from the previous report. Please verify and advise as NDEP could not find this data in Table 3-9 or in the field logs.

Response: *The lower end of the range of pH values in this section was incorrect as noted in the comment, and should have been 6.27 instead of 4.59.*

7. Section 3.2, general comment, BRC has a recurring statement that concentrations are “anomalously low” or “anomalously high”. Please explain if there is a basis for these qualifications or if this is simply believed to be anomalous because it is different than the historic range.

Response: *The term “anomalous” in this section referred to single event spikes or drops in a given COPC concentration for a given well (or small subset of wells) that have occurred at one time or another during the sampling program. In response to this comment, additional context regarding the use of this term is provided in the chemical occurrence discussions (Sections 4, 5, and 6) of the CAMU 2010/2011 groundwater monitoring report, as appropriate.*

8. Table 3-11, NDEP provides the following comments as numerous errors are noted:
 - a. Cation-anion balance (CAB) checks were performed for two samples where the anion sum is greater than 800 milliequivalents per liter (meq/L; AA-BW-09A and EC-2).
 - i. Please review the latest NDEP guidance on this topic.
 - ii. Please use Charge Balance Error (CBE) check on samples where the anion sum exceeds 800 meq/L.
 - iii. Please correct the algorithm for Deliverable resubmission.
 - b. The meq/L calculations for the majority of samples are not rounded properly prior to summing for the CAB check:
 - i. Please note that formatting a cell does not constitute rounding the value, as the actual value is carried forward unchanged. Please refrain from using decimal formatting on cell values in order to visually ascertain the actual values that are being operated in calculations.
 - ii. The submitted algorithm rounds all meq calculations to three significant figures, however input values contain one to three significant figures,
 - iii. NDEP CAB check calculations for this data set yielded three additional samples (AA-BW-06A, AA-BW-07A and TR-12) that fail the CAB check,
 - iv. Since these samples also failed TDS check, the qualifier should be assigned as “R-CAB&TDS” for these samples,

- v. Please correct the algorithm for report resubmission.
- c. The TDS Measured to Calculated ratio check algorithm is not correctly set up:
 - i. The acceptable range recommended in the latest NDEP guidance on this topic is not inclusive of the value “1.2” (i.e., is not “ ≤ 2 ”),
 - ii. NDEP notes that correcting this algorithm does not change the final TDS Measured to Calculated check results,
 - iii. Please correct the algorithm for future reports.
- d. TDS ratios are not properly rounded:
 - i. NDEP calculations yield eight additional samples (AA-BW-06A, EC-2, TR-12, TR11, MW-8, DMC-MW-28, MCF-BW-11A, and MC-MW-12) that fail the TDS ratio check,
 - ii. Since these samples also failed the Measured TDS to EC ratio check, the resulting qualifiers do not change,
 - iii. Please correct the algorithm for future reports.
- e. The Measured TDS to EC ratio check algorithm is not correctly set up:
 - i. Please review latest NDEP guidance on this topic regarding the acceptable range for the ratio,
 - ii. NDEP notes that changing this algorithm does not change the final TDS to EC ratio check results,
 - iii. Please correct the algorithm for future reports.
- f. Please include a CBE check for sample EC-2, for report resubmission.

Response: The algorithm and rounding errors in the cation-anion balance tables (Tables 2-10a, b, c, and d) in the CAMU 2010/2011 groundwater monitoring report have been revised in accordance with this comment. Note: these issues would also pertain to the DVSR, from which this table was obtained. Finally, BRC notes that it has provided separate comments to the NDEP (as part of the feedback solicited by the NDEP after its February 2012 All Companies Meeting) about the criteria being used to evaluate cation-anion balances in general, and how these criteria may not be appropriate for water of the quality observed in the BMI Complex.

9. Appendix A, response-to-comment (RTC) 1, NDEP acknowledges that BRC plans to respond to all of the November 24, 2010 and May 16, 2011 comments and comments included in this letter in the comprehensive 2010/2011 monitoring report.

Response: Appendix A of the CAMU 2010/2011 groundwater monitoring report includes responses to the three sets of NDEP comments provided on the 2010 and 2011 monitoring reports.

10. Appendix A, RTC 2, While NDEP did not agree that waiting until completion of all sampling events was necessary to start research, evaluation and suggestions on how the data will be used to determine whether a release from the CAMU is occurring, this discussion is now moot. In response to this comment, NDEP requests BRC prepare a technical memo outlining the methodology proposed for detecting releases from the CAMU either with the groundwater monitoring network or through other methods (e.g. tracer studies).

Response: As discussed with the NDEP, BRC intends to initiate a long-term monitoring program to assess for potential impacts due to CAMU operations alone as opposed to a broader characterization effort of groundwater in the area. The planned scope of that program was presented to NDEP in an October 28, 2011 Technical Memorandum prepared by BRC, and is summarized in Section 8 of the CAMU 2010/2011 groundwater monitoring report. Once we have agreement with the NDEP on the scope of this program, we will begin the implementation program.

11. RTC 4, please add a note to Table 3-1 in future Deliverables to note the qualification of water levels as discussed in this RTC.

Response: Prior comment #4 was regarding the negative heads calculated by Montrose/Stauffer/Olin consultants for wells DMC-MW-28, MW-8, TR-11, and TR-12. Table 3-1 of the CAMU 2010/2011 groundwater monitoring report includes a note indicating that water levels associated with these four wells should be considered estimates only based on the manner in which they were calculated (using pressure measurements from gauges installed at the well head).

12. RTC 6.b., the NDEP's original comment requested that the "percentage of solubility" be added to this Table. BRC did not do this. The information that BRC provided is useful, however, the next step of calculating the percentage of solubility should be addressed in future Deliverables.

Response: This comment pertains to Table 5-5 of the CAMU 2010/2011 groundwater monitoring report. In response to NDEP's comment, BRC added a column for "Water Solubility." The revised table includes percentage of solubility based on dissolved concentrations for the analytes included in this table.

13. RTC 7, NDEP needs to affirmatively understand if well H-21R is cross-screened in multiple water-bearing zones. If so, the well should be properly plugged and abandoned. Please advise when this matter can be addressed.

Response: BRC is not the owner of this well as was not involved in its construction. We request that the NDEP address this comment to the owner of the well.

14. Appendix D, general comment, the vertical scale on these figures needs to be adjusted on a per-analyte basis to make the figures useful. Please address this in future Deliverables.

Response: This comment pertains to Appendix D of the CAMU 2010/2011 groundwater monitoring report. The vertical scales on these figures are adjusted on a per analyte basis, but not on a per water-bearing zone/gradient basis. That is, the vertical scale is the same for each of the six figures presented for each analyte, for comparison purposes, but the scale varies by analyte. For example, the vertical scale for 1,1-dichloroethane ranges from 0 to 400 ug/L in each of its six figures, while that for benzene ranges from 0 to 140,000 ug/L. The scale for each analyte is set such that all data are included.

APPENDIX A-2

Responses to Nevada Division of Environmental Protection (NDEP) Comments dated May 16, 2011, to CAMU October 2010 Semi-Annual Groundwater Monitoring Report dated March 2011

General Comments

1. NDEP notes that the overall purpose of the CAMU groundwater monitoring program is to develop a baseline set of data that will be used to determine how to meet permitting requirements for groundwater monitoring of the CAMU and to assist with detecting potential releases from the CAMU. At this time, while the baseline data is being collected, NDEP is holding in abeyance the requirement to respond to all the comments included in the November 24, 2010 NDEP letter beyond the responses included in the subject Deliverable. However, NDEP expects that all of the November 24, 2010 comments will be listed in a Response-to-Comments Appendix to the comprehensive 2010/2011 monitoring report and that the amended responses will reference specific locations in the text where the comment has been addressed.

Response: Appendix A of the CAMU 2010/2011 groundwater monitoring report includes responses to the three sets of NDEP comments provided on the 2010 and 2011 monitoring reports. To the extent practicable, the comment responses provided in Appendix A cite specific locations in the text where the comments have been addressed, as appropriate.

2. While the baseline data is being collected, NDEP suggests that BRC begin to evaluate methods that could be used to evaluate potential releases from the CAMU, in addition to groundwater monitoring. These methods may include for use of specific statistical tests (as outlined in the March 2009 EPA document *Statistical Analysis of Groundwater Monitoring at RCRA Facilities Unified Guidance*) or empirical methods such as tracer studies. These evaluations, selection and development of procedures for these methods can take place concurrently with the existing groundwater monitoring program. NDEP requests BRC response and suggestions on this issue as part of the next monitoring report.

Response: The planned scope of a long-term monitoring program for the CAMU has been presented to NDEP in an October 28, 2011, Technical Memorandum prepared by BRC, and is summarized in Section 8 of the CAMU 2010/2011 groundwater monitoring report. The usefulness of specific statistical tests, such as those outlined in the March 2009 EPA document *Statistical Analysis of Groundwater Monitoring at RCRA Facilities Unified Guidance*, would be evaluated upon observing evidence of leakage.

Specific Comments

3. Table 2-5, please clarify how pH samples were collected and analyzed as it is not on this table.

Response: The text in Section 2.9 of the CAMU 2010/2011 groundwater monitoring report and Table 3-9 include an explanation that the pH values reported in Table 3-9 are from field measurements taken at the time of sample collection, as reported on the field sampling forms.

4. Table 3-1, there appear to be numerous errors in this table, examples follow
 - a. Well AA-BW-12A, elevation is listed as -50.14, please clarify.
 - b. Well DMC-MW-28, please review depth to water and groundwater elevation columns from 10/13/2009 forward and advise if these are correct.
 - c. Wells MW-8, TR-11, and TR-12, please review the depth to water column and advise if these are correct.

Response: The depth to water measurements presented in Table 3-1 of the CAMU 2010/2011 groundwater monitoring report correctly represent the measured levels in the field during the October monitoring event, based on comparison to the sampling forms. In prior reports the calculated water level for AA-BW-12A was incorrect due to an error in the formula; this error was subsequently corrected. Wells DMC-MW-28, MW-8, TR-11, and TR-12 were noted by Montrose/Stauffer/Olin during prior monitoring events in 2009 as being artesian wells. Montrose/Stauffer/Olin consultants calculated negative head using pressure measurements from gauges installed at the well head. Admittedly, there are limitations to the accuracy of these calculated water levels. Water levels associated with these four wells should be considered estimates only.

5. Table 3-11, NDEP provides the following comments:
 - a. Please include cell equations, versus only calculated results, for all calculations and algorithms in the live/executable spreadsheet file. This includes calculations for milliequivalents per liter, TDS, pass-fail range checks, etc.
 - b. Please follow all recent guidance topics for evaluation of inorganic chemical analysis, especially with respect to use of significant figures.
 - c. Please submit a corrected Table 3-11, with specific attention to the above comments.
 - d. NDEP notes that nearly all sample results are either qualified or rejected; only one sample (of 27 total samples) was evaluated as non-qualified. Please include a discussion in the report text regarding communication and actions performed with regard to laboratory data quality control. Also include a discussion of actions to be performed in advance of the next project submittal, in the case that poor quality data are to be reported. In that case, also include a discussion of performed QC measures for that data set.

Response: Table 3-11 in the October 2011 monitoring report corresponds to Tables 2-10a, b, c, and d in the CAMU 2010/2011 groundwater monitoring report. The native (MS Excel) file for Table 2-10 has been included in the CAMU 2010/2011 groundwater monitoring report, and has been revised to include all cell equations and appropriate significant figures.

A significant number of samples are qualified due to failure of the TDS checks of measured TDS to calculated TDS and Lab TDS to Field EC. The reason for this consistent failure is not fully understood considering the guideline ratios were based upon CAMU data (from April 2009). Since that time TestAmerica has moved most of the analyses from the TA-St. Louis to the TA-

Denver lab. Of those that are inputs in the TDS check, TA-St. Louis still runs fluoride. Fluoride is only a minor contributor. As noted in DVSR 55g, March 2011 results were analyzed at both TA-St. Louis and TA-Denver. The results were comparable, but slight differences influenced whether or not the samples passed the cation-anion balance check and the measured TDS to calculated TDS checks. Because the data generated by TA-Denver were more consistently successful for these checks, TA plans to move all of the tests included in the calculation to TA-Denver. For DVSR 55h, October 2011, only chloride was analyzed by both TA-Denver and TA-St. Louis. The results were again comparable.

This change would not directly influence the Lab TDS to Field EC ratios. The ratios are continuing to fall far outside the acceptable range. The units for Field EC have not been consistently provided on the field forms. The EC values reported have been noted as suspect in DVSRs 55f and 55g. While some values are comparable to the EC values reported in April 2009, many are orders of magnitude different. To demonstrate, thirteen EC values reported in the April 2009 CAMU report as inputs in the TDS:EC ratio check using the October 2010 CAMU data results. Ten of the thirteen pass the TDS:EC ratio check. ERM has recently requested that field staff be sure to consistently report EC units. However, the October 2011 EC values were compared to historical values to try and determine the appropriate units. This has resulted in 13 of 26 failing the TDS:EC check. This is an improvement over May 2011 and October 2010 failures of 26 of 26 and 23 of 26, respectively.

BRC will continue to evaluate these issues and to the extent possible address laboratory and field communications, field and laboratory instrumentation and QC measures.

6. Table 3-12, NDEP provides the following comments:
 - a. Please advise if the SVOC analyses could be re-run as SIM and if this would provide more meaningful detection limits.
 - b. Please present a percentage of solubility column adjacent the concentration data and please provide the references for the physical chemical data used.

Response: *Table 3-12 in the October 2011 monitoring report corresponds to Table 5-5 in the CAMU 2010/2011 groundwater monitoring report. The SVOC reporting limits presented in Table 5-5 are elevated relative to the standard SVOC reporting limits; this is due to the presence of VOCs at high concentrations. SIM analysis is intended for analyses of relatively clean matrix samples, and cannot be used for a DNAPL sample. Table 5-5 has been expanded in the March 2011 groundwater monitoring report to include solubility and percentage of solubility columns, with references for the data sources.*

7. Appendix A, RTC 33, NDEP requests that BRC obtain screen interval information for H21-R if necessary by video logging the well. NDEP requests that this well continue to be sampled.

Response: *BRC has not sampled well H21-R since October 2009, after which the well was removed from the CAMU monitoring program for the reasons described in the 2009 Annual CAMU Monitoring Report. NDEP approved the monitoring program specified in the 2009*

Annual Monitoring Report in a letter dated March 30, 2010, with the addition of three wells in the deeper zones; the addition of H-21R was not commented on at that time.

According to Hargis & Associates, well H-21R was video logged by Wellenco in 2005. The video showed 4-inch PVC blank from approximately one foot above ground to approximately 30 feet bgs. PVC screen was then observed from approximately 30 feet bgs to 45 feet bgs. The video ended at approximately 45 feet bgs. Hargis noted that it appeared the cameraman had assumed that it was the bottom of the well, but it appears that it was just an obstruction that the camera could not get past. The well bottom has been tagged at approximately 66.5 feet bgs. It is likely that the well was screened to its full depth, but this assumption cannot be determined with certainty.

As discussed in the 2009 Annual Monitoring Report, for many VOCs, results from well H-21R were consistently anomalous as compared to nearby wells AA-BW-05A and H-43. Based on the stratigraphy noted for downgradient Middle Zone wells, if H-21R is in fact screened to 66.55' bgs, it is possible that it is screened across both the Shallow and Middle Zones. The anomalous detections may be associated with that discrepancy in screened intervals. Given the uncertainty in the representativeness of samples collected from this well (for Shallow Zone or Middle Zone conditions), as well as the presence of several wells in the monitoring program in the immediate vicinity, it was eliminated from the monitoring program. BRC maintains that this well should not be included in the on-going CAMU monitoring program.

APPENDIX A-3

Responses to Nevada Division of Environmental Protection (NDEP) Comments, dated November 24, 2010, to CAMU April/May 2010 Semi-Annual Groundwater Monitoring Report dated August 2010

1. Section 2.1, page 2-2, first paragraph, it is stated that additional aliquots were collected from seven of the eight wells being sampled by upgradient Companies. Explain whether this was a deviation from the approved scope. Deviations from the approved scope of work should be cleared with NDEP before related reports are submitted. Please clearly indicate any occurrences of incomplete scope in the revision of this document, and all future documents, and include an explanation of the rationale for not completing the scope, the impact of the uncompleted scope item on the project, the proposed resolution for the issue, and reference NDEP communications accepting the deviation.

Response: *The scope of the CAMU monitoring program is presented in Section 5 of the 2009 Annual Groundwater Monitoring Report – CAMU Baseline, BRC Corrective Action Management Unit (CAMU) Area, Clark County, Nevada (BRC and ERM March 2010) and was approved by NDEP on March 30, 2010. Historically, because the Montrose/Stauffer/Olin also conducts monitoring in the CAMU vicinity, BRC and Montrose/Stauffer/Olin have shared water level measurement and groundwater sampling responsibilities and the resultant data. This arrangement is referenced in the prior CAMU area monitoring reports; however, in practice BRC recognizes that there have been problems with this shared approach. These include different chemical lists for several analytical suites as well as other issues with data obtained from the Montrose/Stauffer/Olin consultants.*

Therefore, for subsequent monitoring events, BRC chose to collect all data to be included in its own report and did not rely on other parties for data collection (other than groundwater elevations as discussed in response to comment #29 below).

No deviations were associated with the scope of the subsequent 2010 and 2011 monitoring events. In the future, if any deviations from the approved CAMU monitoring scope occur, BRC will clearly indicate any occurrences of incomplete scope in the associated report, and will include an explanation of the rationale for not completing the scope, the impact of the uncompleted scope item on the project, the proposed resolution for the issue, and reference NDEP communications accepting the deviation.

2. Section 2.2, page 2-3, third paragraph, please clarify if the modified field protocols are documented in the appropriate SOPs. If not, please provide details regarding the modifications.

Response: *The current field protocols are consistent with the current versions of the SOP for groundwater sampling. The text that was the subject of NDEP's comment was accordingly revised within the subsequent monitoring reports (see Section 2.3 of the CAMU 2010/2011 groundwater monitoring report).*

3. Section 2.3, page 2-3, the text states that the thickness of the DNAPL was not determined. Please explain why it was not determined and how this relates to the SOP.

Response: The depth to the DNAPL contact at MC-MW-12 that was measured in April/May 2010 translated to a product thickness of approximately 14.15 feet. As noted in the text, the presence of a high TDS layer beneath the DNAPL layer has been reported to cause interferences in NAPL probe measurements. Because of this, the calculated thickness of the DNAPL layer could not be confirmed.

The text that was the subject of NDEP's comment was accordingly revised within the subsequent monitoring reports (see Section 2.3 of the CAMU 2010/2011 groundwater monitoring report) to include a discussion of the SOP-defined procedure used to calculate an interpreted thickness of a NAPL layer. Section 2.3 of the CAMU 2010/2011 groundwater monitoring report lists the DNAPL thicknesses calculated based on that approach for the four 2010/2011 events.

4. Section 2.6, page 2-6, NDEP provides the following comments:
- The text states that analytical suite for the upgradient Companies did not include all of the metals that are in the BRC suite. It was the NDEP's understanding and expectation that BRC would collect any data that the upgradient Companies were not providing. Please explain this apparent deviation from the approved scope of work.
 - Please list which wells this affects.
 - It appears that this affects some Shallow Zone wells and Middle Zone wells. Due to this, some Middle Zone wells only have one sample for this sampling event. This lack of data limits the analysis of the data. Please clarify how BRC proposes to rectify this data gap.
 - It is noted that the same comment applies to radionuclides.

Response: In advance of the April/May 2010 monitoring event, BRC representatives communicated with Montrose/Stauffer/Olin representatives to ascertain the analytical suite that Montrose/Stauffer/Olin would be performing, so that BRC could fill any data gaps. The Montrose/Stauffer/Olin representatives stated that they would not be conducting radon analyses, which was consistent with prior sampling events; however, BRC was not informed that radionuclide analyses would also not be performed by Montrose/Stauffer/Olin. In addition, BRC erroneously assumed that Montrose/Stauffer/Olin companies would be analyzing their samples for the same suite of metals they previously employed; however, the Montrose/Stauffer/Olin metals analyte list was abbreviated in April 2010 to exclude antimony, beryllium, cobalt, copper, molybdenum, nickel, thallium, vanadium, and zinc. In addition, the Montrose/Stauffer/Olin analyte list for metals has not historically included several metals on the BRC list (i.e., aluminum, boron, hexavalent chromium, iron, lithium, manganese, strontium, tin, titanium, and tungsten).

Most of these missing metals were not reported at concentrations higher than the MCL or BCL in the Shallow Zone; the only exceptions are lithium, manganese and strontium. As noted in response to comment #1 above, during the subsequent 2010/2011 monitoring events, BRC collected samples from all the wells in the program, thus ensuring that the full BRC analyte list for metals and radionuclides was included in all Shallow, Middle and Deep Zone wells.

5. Section 2.9, page 2-8, last paragraph, please clarify how much of the upgradient Companies data is acceptable for its intended use since the data validation summary report (DVSR) and subject report has not been submitted by the upgradient Companies at the time of this report submission. In addition, future submissions of the CAMU Groundwater Monitoring Report (and any other Deliverables) should not be submitted to the NDEP prior to submittal *and approval* of corresponding DVSRs. This protocol needs to be observed to enable charts and figures to be used for monitoring CAMU impacts and guiding project decisions.

Response: BRC based its conclusion of data acceptability on the Montrose/Stauffer/Olin companies' data review results (i.e., data qualification flags), which were provided to BRC in advance of submitting their DVSR and report. BRC was reluctant to submit the April/May 2010 CAMU report in advance of an approved DVSR for the Montrose/Stauffer/Olin data, but proceeded with the submittal to be compliant with the submittal deadline.

As specified in NDEP's comment, future submittals of CAMU Groundwater Monitoring Reports were not submitted to the NDEP prior to submittal and approval of corresponding DVSRs for all data contained therein.

6. Section 3.1, page 3-1, please include a discussion of vertical gradients and flow directions based on appropriate well clusters, as per the comment above. This analysis should be on-going, as it may relate directly to characterizing the nature of any impacts that are detected.

Response: It is unclear which prior comment NDEP refers to in their comment. Regardless, BRC included a discussion of vertical gradients and flow directions in Section 3.3 of the CAMU 2010/2011 groundwater monitoring report. For that evaluation, BRC used the following well clusters:

MC-MW-10 (Middle)/MW-08(Deep);
AA-BW-09A(Shallow)/MC-MW-28(Deep); and
MC-MW-30 (Middle)/TR-11(Deep).

7. Section 3.2, page 3-3, second paragraph, NDEP notes that data quality checks were not performed for data collected by the upgradient Companies. Please include or reference this analysis in future monitoring reports.

Response: In the CAMU 2010/2011 groundwater monitoring report, BRC included data quality checks for the samples collected by the Montrose/Stauffer/Olin companies. Note this only affected the April 2010 groundwater monitoring event, as BRC collected all data for the subsequent 2010 and 2011 events.

8. Section 3.2, pages 3-2 and 3-3, it is unclear to the NDEP how analytes were selected for graphical presentation as the analysis does not reference the toxicity or mobility of the compounds. Additional comments will be provided below regarding additional figures the NDEP requests be developed and presented.

Response: *The analytes selected for graphical presentation in the CAMU 2010/2011 groundwater monitoring report have been expanded from those provided in the report that was the subject of NDEP's comment. As stated in Section 4.0 of the CAMU 2010/2011 groundwater monitoring report, these constituents were selected because they were routinely detected at concentrations in excess of the screening levels (i.e., the MCLs or BCLs) in one or more water-bearing zones or displayed significant trends over the four monitoring events.*

9. Section 3.2, page 3-3, the text states that the pH ranges from 5.52 to 7.87. NDEP notes that there is no discussion of this in the remainder of the Deliverable. NDEP requests that BRC discuss this data and develop a figure that presents the pH data. The pH data below 7 warrants additional discussion and investigation.

Response: *In the CAMU 2010/2011 groundwater monitoring report, BRC included graphical presentations of pH measurements in Appendices D and E, and discussed pH variation in Sections 4.7, 5.7, and 6.7 for the Shallow, Middle, and Deep Zones, respectively.*

10. Section 3.2.1.1, page 3-3, NDEP does not concur with the 50% frequency of detection screening criteria. Specific comments will be provided below. Please note that this comment applies to numerous sub-sections and will not be repeated.

Response: *The 50% frequency of detection referenced in the April/May 2010 monitoring report was not intended to be a screening criterion, but was a general point of reference for presentation purposes. In the CAMU 2010/2011 monitoring report, BRC did not include references to 50 percent (or other arbitrary) frequencies of detection that were previously used to indicate "routine" detections and did not restrict data summaries to those constituents detected in more than 50 percent of the samples.*

11. Section 3.2.1.1, page 3-5, BRC provides a generalized statement regarding the distribution of VOCs. Please specifically discuss if the VOCs that are not presented graphically follow the same pattern as those presented. For example, are the maximum detections and upgradient/downgradient comparisons similar? Please note that this comment applies to numerous sub-sections and will not be repeated.

Response: *In the CAMU 2010/2011 monitoring report, BRC expanded the discussions of VOCs (and other compound classes) to include constituents not depicted graphically, as appropriate. Note that the comprehensive report included graphic presentations for a larger number of constituents.*

12. Section 3.2.1.3, page 3-6, BRC did not include the discussion regarding exceedances of USEPA MCLs and NDEP BCLs. Please revise this Section to be consistent with the remainder. This same comment applies to Section 3.2.1.8.

Response: *In the CAMU 2010/2011 monitoring report, MCL/BCL exceedances are summarized for Shallow Zone samples for all of the compound classes analyzed.*

13. Section 3.2.15, page 3-7, as demonstrated in the table in this Section, there appear to be distribution differences between the various metals, however, the report only includes arsenic graphically. Please discuss the differences in distribution and provide additional figures.

Response: *In the CAMU 2010/2011 monitoring report, BRC expanded the discussion of metals occurrences to describe differences in distribution, and provided time-series plots and chemical occurrence figures (Appendices D and E, respectively) for a larger number of metals (arsenic, lithium, magnesium, manganese, and uranium).*

14. Section 3.2.2, general comment, the document does not present any graphical presentations for chemical distribution in the Middle and Deep Zone. At a minimum, the document should include figures for the same compounds as presented in the Shallow Zone plus any additional compounds (subject to the same screening criteria as the Shallow Zone). If additional compounds in the Middle and Deep Zone require figures as are not currently presented in the Shallow Zone, the document should also include new figures for the Shallow Zone.

Response: *In the CAMU 2010/2011 monitoring report, BRC included graphical presentations (time-series plots and chemical occurrence maps, Appendices D and E, respectively) for all three water-bearing zones for constituents routinely detected at concentrations greater than the MCL/BCLs in any of the zones.*

15. Section 3.2.2.6, page 3-11, the text discusses four wells but lists three. Please rectify this discrepancy.

Response: *The subject text was correct as written. The apparent discrepancy was due to the fact that a duplicate sample was collected from one of the wells, as seen in Table 3-8.*

16. Section 3.2.4, page 3-15, for the embedded table in this section, and all other instances of tabulated data in this report, please refrain from using “ND” to denote a result of “not detected”. Please rather show the detection limit and a qualifier to denote “not detected”. For example, “U 200” or “200 U” would be used to indicate that an analyte was not detected using a detection limit of 200 units.

Response: *The subject text has been removed from the October 2010 monitoring report.*

Section 3.2.4 provided a comparison of analyte detections in the three water-bearing zones; a similar discussion is provided in Section 7.0 of the CAMU 2010/2011 monitoring report. Tables 7-1a and b summarize the constituent-specific mean and maximum detections for each water-bearing zone. In the cases where “ND” is shown in these tables, there were no detections of that specific constituent in the zone in question. The abbreviation “ND” is used to distinguish no detections from cases in which a given constituent was not included in the analyses for a given zone. As a rule, BRC avoids the use of “ND” in data tables and uses “< SQL” with the appropriate qualifier, as appropriate. However, in this case, because Tables 7-1a and b represent detections for a number of samples, the detection limits were variable. BRC felt that using a mean detection limit would be of questionable value, as mean detections include

estimated values less than the reporting limit and a mean detection limit value would be skewed if there were elevated detection limits associated with a subset of the data. A footnote has been added to these tables to explain the use of “ND.”

BR will continue to use “< SQL” with the appropriate qualifier in cases where individual non-detect results are presented in tables.

17. Section 3.2.4.4, pages 3-17 and 3-18, NDEP notes that the BHC compounds appear to attenuate with depth, however, the DDx compounds do not. This is an example of where additional figures should be developed.

Response: *In the CAMU 2010/2011 monitoring report, BRC included graphical presentations (time-series plots and chemical occurrence maps, Appendices D and E, respectively) for all three water-bearing zones for the following OCPs: alpha-BHC, beta-BHC, 2,4'-DDE, and Aldrin). A comparison of OCP occurrence trends across the three water-bearing zones is provided in Section 7.4.*

18. Section 3.2.4.5, page 3-19, BRC should note that iron also appears to be higher in the Middle Zone versus the Shallow Zone.

Response: *A comparison of metal occurrence trends across the three water-bearing zones is provided in Section 7.5 of the CAMU 2010/2011 monitoring report. As noted in that discussion, iron detections tended to be higher in Middle Zone wells than in Shallow or Deep Zone wells.*

19. Section 3.2.5, page 3-20, please include a column in the table which presents percentage of solubility.

Response: *This comment pertains to Table 5-5 of the CAMU 2010/2011 groundwater monitoring report. In response to NDEP’s comment, BRC added columns for water solubility and percentage of solubility.*

20. Section 4.1, page 4-1, second paragraph, paleochannels are referenced as providing some degree of control for groundwater flow in this section. Please indicate the inferred locations of paleochannels on Figure 3-1, and all other groundwater contour figures. Also, the interpreted flow pattern is compared to baseline monitoring conditions; please also include a figure showing baseline conditions.

Response: *Presumed paleochannel locations (which are shown on Figure 1-2) have been added to Figure 3-1 in the CAMU 2010/2011 monitoring report. In addition, presumed paleochannel locations are depicted on the chemical occurrence maps in Appendix E.*

21. Section 4.2.1, pages 4-2 through 4-4, the text should discuss the increases in concentration in 1,1-dichloroethene; acetone; and chloroethane.

Response: *The subject text has been removed from the CAMU 2010/2011 monitoring report.*

Based on the data presented in Table 2-13 of the CAMU 2010/2011 monitoring report, BRC does not observe any noteworthy trends in 1,1-dichloroethene, acetone, and chloroethane concentrations. BRC suspects that the comment was intended to address detections frequencies (vs concentrations). As noted in the last paragraph on page 4-2, "Because the network of wells employed during the 2010 event was revised after the baseline monitoring was completed, minor differences in detection frequencies would be expected." Furthermore, variations in reporting limits also affect detection frequencies. Thus, the increases in detection frequencies for these three constituents may not be significant.

[Note for this and other comments related to Section 4 in NDEPs comments on the April/May 2010 monitoring report, the text in the comprehensive 2010/2011 CAMU report has been revised to reflect trends observed over the monitoring period, and apparent increases or decreases in detection frequency for April 2010 may no longer apply. Furthermore, as noted in the response to comment #27, BRC has reduced the focus on frequency of detection.]

22. Section 4.2.1, page 4-4, second paragraph, a reference is made to well AA-BW-08A and AA-BW-04A being up- and down-gradient of each other. Inspection of Figure 3-1 appears to indicate that well AA-BW-04A would more likely be down-gradient of the vicinity of well AA-BW-12A. Please remove this reference, or otherwise support the up- and down-gradient relationship described with additional data and analysis. Also, a reference is made that concentration increases in these wells were concurrent with each other, and inferred that this indicated a causal relationship. NDEP requests that the text be expanded to present estimated groundwater travel times in this area and the effect of travel times on this analysis.

Response: *The subject text has been removed from the October 2010 monitoring report.*

As seen in Figure 3-1, there is an inferred flexure in the potentiometric surface, which shows that both AA-BW-12 and AA-BW-08A are upgradient of AA-BW-04A. Note also that there is an inferred paleochannel (which will be depicted in the revised figure, as noted above) that trends between AA-BW-12A and AA-BW-04A, and beneath the CAMU, exiting the CAMU footprint just west of AA-BW-04A; this further suggests that groundwater in the vicinity of AA-BW-08A flows toward AA-BW-04A.

The discussion of groundwater flow direction and gradient provided in the comprehensive 2010/2011 CAMU monitoring report has been expanded to present estimated groundwater travel times beneath the CAMU.

23. Section 4.2.2, pages 4-4 and 4-5, BRC should also discuss the increase in concentration of 1,4-dioxane; and the decreases in concentration of 2,4,5-trichlorophenol and naphthalene. Also, please define the use of “- -” in the table.

Response: *The subject text and table have been removed from the CAMU 2010/2011 monitoring report.*

Based on the data presented in Table 2-14, BRC does not observe any noteworthy trends in 1,4-dioxane, 2,4,5-trichlorophenol or naphthalene concentrations. If the comment was intended to address detections frequencies (vs concentrations), BRC does not believe that the fluctuations in 1,4-dioxane, 2,4,5- trichlorophenol, and naphthalene frequencies are particularly noteworthy. See response to comment #21.

24. Section 4.2.2, Page 4-5, first and second paragraphs, two SVOCs are stated to have been detected, which were not detected in the baseline dataset. The following paragraph also states that SVOC data do not indicate any impacts to groundwater quality from CAMU construction or operations. Please explain why new detections such as these would not indicate impacts. Please also explain detections that would indicate impacts from the CAMU.

Response: *The subject text was removed from the CAMU 2010/2011 monitoring report.*

The two SVOCs in question are 4-chlorothiophenol and bis(2-ethylhexyl)phthalate. The text in the April/May 2010 monitoring report was incorrect in terms of 4-chlorothiophenol not having been detected during the 2009 baseline events, as seen in Table 2-14 of the CAMU 2010/2011 monitoring report. The detection frequency and concentrations of this constituent are comparable throughout the 2009, 2010, and 2011 monitoring events.

Bis(2-ethylhexyl)phthalate was detected more commonly during the October 2011 monitoring event than during prior events. This constituent is a common lab contaminant and is not suspected to be associated with CAMU construction or operation.

As discussed above, BRC intends to initiate a long-term monitoring program to assess for potential impacts due to CAMU operations. The planned scope of that program has been presented to NDEP in an October 28, 2011, Technical Memorandum prepared by BRC, and is summarized in Section 8 of the CAMU 2010/2011 groundwater monitoring report.

25. Section 4.2.3, page 4-6, please discuss the increase in concentration of anthracene.

Response: *The subject text has been removed from the October 2010 monitoring report.*

Based on the data presented in Table 2-15, BRC does not observe any noteworthy trends in anthracene concentrations. If the comment was intended to address detections frequencies (vs concentrations), BRC does not believe that the variations observed throughout the baseline events are particularly noteworthy. See response to comment #21.

26. Section 4.2.3, page 4-6, third paragraph, NDEP does not concur that wells E-2 and AA-BW-05A are in an up-gradient and down-gradient orientation which each other. Please see comment 22 above, and address this issue for all similar instances in this report, and future Deliverables.

Response: *The subject text has been removed from the October 2010 monitoring report.*

BRC concurs that based on the inferred potentiometric surface (Figure 3-1), well AA-BW-05A does not appear to be directly downgradient of well EC-2. The subject text centers around an anomalously high, suspect detection of acenaphthene in wells EC-2 and AA-BW-05A. The detections are considered anomalous because 1) they are two orders of magnitude higher than prior detections of this compound at these locations, and 2) acenaphthene was not detected in adjacent upgradient and downgradient wells. Furthermore, acenaphthene was not detected in any Shallow Zone samples collected during the subsequent 2010/2011 monitoring events.

27. Section 4.2.4, page 4-7, second paragraph, it is stated that the detections and frequency of detections in the baseline event is consistent with those of the May/April 2010 event. NDEP believes that this statement is subjective, and appears to be invalid. For example, for 2,4-DDD, the baseline data are reported to be 6 to 29% for the four quarters of 2009; however, the result is 0% for April/May 2010. There are other similar examples on this table that do not appear to be consistent. Please propose an objective measure that can be used for this type of analysis going forward. Additional, specific comments are provided above and below.

Response: *The subject text has been removed from the CAMU 2010/2011 monitoring report.*

For the reasons noted in the response to comment #21, the frequency of detection comparison is limited in usefulness. It is of more value to review OCP detections at each well over time, as presented in Table 2-16.

Based on this and other NDEP comments related to the frequency of detection analyses, BRC has reduced the focus on frequency of detection in the CAMU2010/2011 monitoring report.

28. Section 4.2.4, page 4-7, please discuss the decreases in concentration of the following: 2,4-DDD, beta-BHC, dieldrin; endosulfan II, Lindane, and methoxychlor. In addition, please discuss the increases in concentration of aldrin.

Response: *The subject text has been removed from the October 2010 monitoring report.*

See prior responses to related comments. BRC observed no noteworthy concentration trends associated with the OCPs listed in NDEP's comment. As noted in the response to comment #27, BRC has reduced the focus on frequency of detection in the CAMU2010/2011 monitoring report.

29. Figure 3-1, NDEP requests water level data from Tronox and AMPAC be included as available.

Response: *BRC has obtained water level data from NERT and AMPAC (and Montrose/Stauffer/Olin) for the 2010 and March2011 monitoring events, and included these data in potentiometric surface maps presented in the CAMU 2010/2011 monitoring report.*

30. Table 2-3, it is noted that upgradient Companies analyses do not include radon. Please advise how this will be addressed in the future.

Response: See response to comment #1 above (BRC generated radon data for the three subsequent 2010/2011 monitoring events).

31. Table 3-2a, NDEP provides the following comments:

- a. Please discuss the differences in “total count”. This can be addressed in the text or in a footnote. Please note that this comment applies to multiple tables and will not be repeated.
- b. Please develop figures for the following compounds: manganese; uranium; 1,2,4trichlorobenzene; and total trihalomethanes (in place of chloroform).

Response:

(a) In the CAMU 2010/2011 monitoring report, a footnote has been added to sections 4, 5, and 6 of the text and Tables 4-1, 5-1 and 6-1 to explain that the differences in total counts are due to either (1) analyte omission by Montrose/Stauffer/Olin companies during the April/May 2010 event; or (2) rejected results, as discussed in the DVSRs.

(b) Time-series plots and chemical occurrence figures for manganese, uranium, 1,2,4-trichlorobenzene, and total trihalomethanes are included in Appendices D and E of the CAMU 2010/2011 monitoring report for the three water-bearing zones, in addition to select other constituents.

32. Appendix D, NDEP provides the following comments:

- a. Please provide a table of contents for this Section.
- b. Please develop similar plots for the Middle and Deep Zones.
- c. Please develop plots for additional compounds as discussed above.

Response: The CAMU 2010/2011 monitoring report includes revisions to address these comments as follows:

(a) The plots are presented in alphabetical order by constituent.

(b) Concentration trend graphs are included in Appendix D for the Middle and Deep Zones.

(c) Concentration trend graphs are included in Appendix D for those constituents presented discussed above.

33. Appendix E, NDEP provides the following comments:

- a. General comment, contours should be presented for the applicable USEPA MCL or NDEP BCL.
- b. General comment, please explain in the text why well H-21R is excluded as this greatly affects the contours.
- c. Figure E-10, the basis for the 40,000 contour is not clear, please explain.

Response: (a) As discussed during a previous teleconference call with NDEP, the 2010/2011 CAMU monitoring report does not include concentration contours on the chemical occurrence figures in Appendix E. The reason for this is that upgradient sources are known to have impacted groundwater quality, and contours prepared by the Companies better reflect regional groundwater concentrations in the CAMU area.

(b) Well H-21R is not included in the NDEP-approved CAMU monitoring program, as presented in Section 5 of the 2009 Annual Monitoring Report for baseline conditions (BRC and ERM, March 2010). As discussed in Section 4.2.1 of that report, results from well H-21R are anomalous as compared to nearby wells AA-BW-05A and H-43. Specifically, benzene and chlorobenzene are anomalously high in H-21R and 1,4-dichlorobenzene is anomalously low. One possible explanation is that H-21R is screened at intervals deeper in the UMCf (possibly by more than 25 feet) than the other two wells, which are reportedly screened only in the Qal. BRC has been unable to obtain reliable construction information for H-21R. For these reasons, it was excluded from the post-baseline monitoring program.

(c) The 40,000 mg/L contour was based on a data point that was subsequently rejected due to unacceptable cation-anion balance results. The contour was retained to be consistent with historical results that indicated AA-BW-09 TDS concentrations tend to be elevated relative to the adjacent wells AA-MW-07 and AA-BW-08A, and greater than 40,000 mg/L. BRC felt that omitting the contour would be mis-leading, but dashed the 40,000 mg/L contour to indicate that it was estimated. As noted above, the CAMU 2010/2011 monitoring report does not include contours.

APPENDIX B

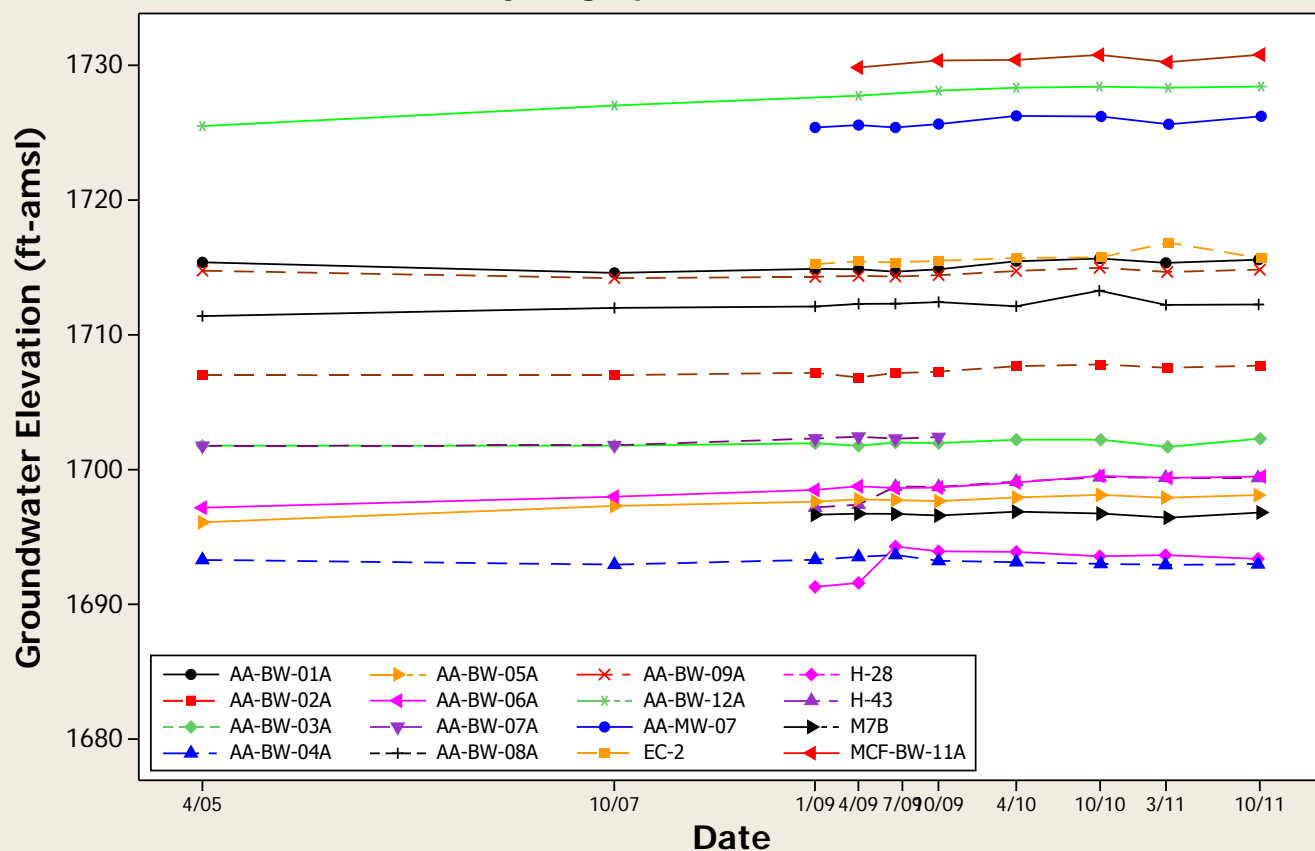
ELECTRONIC DATABASE AND ELECTRONIC COPY OF THE REPORT

APPENDIX C

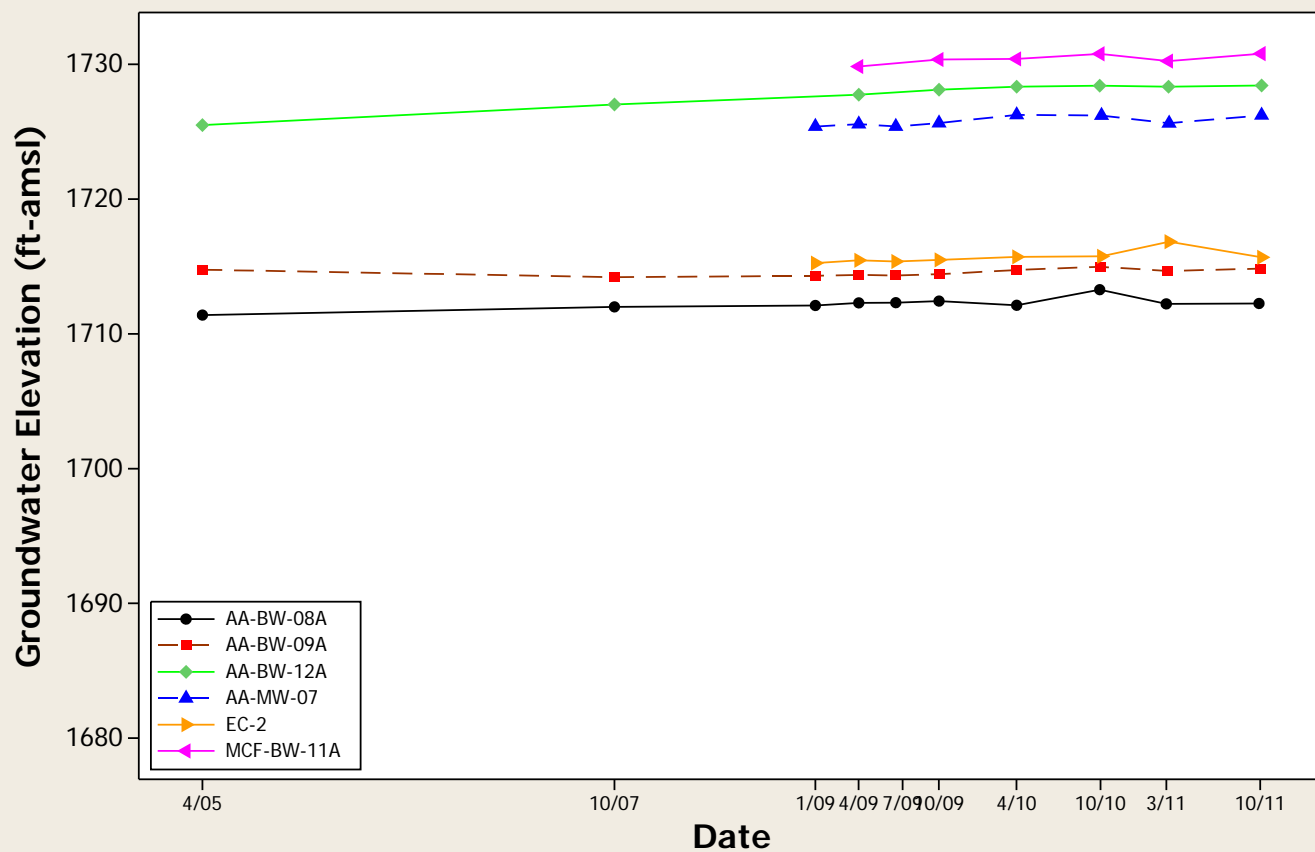
WELL HYDROGRAPHS AND SAMPLING FORMS

WELL HYDROGRAPHS

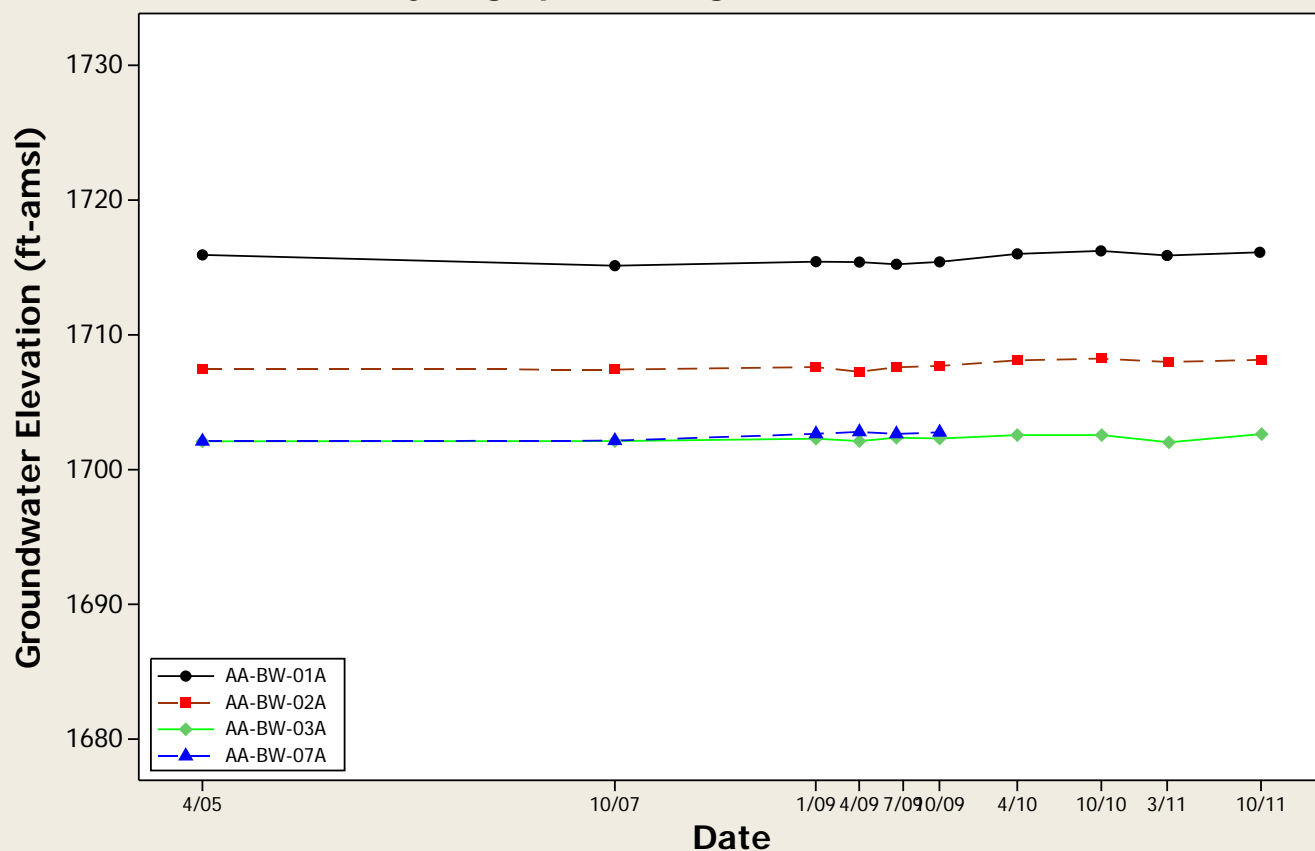
Water Level Hydrograph - All Shallow Zone Wells



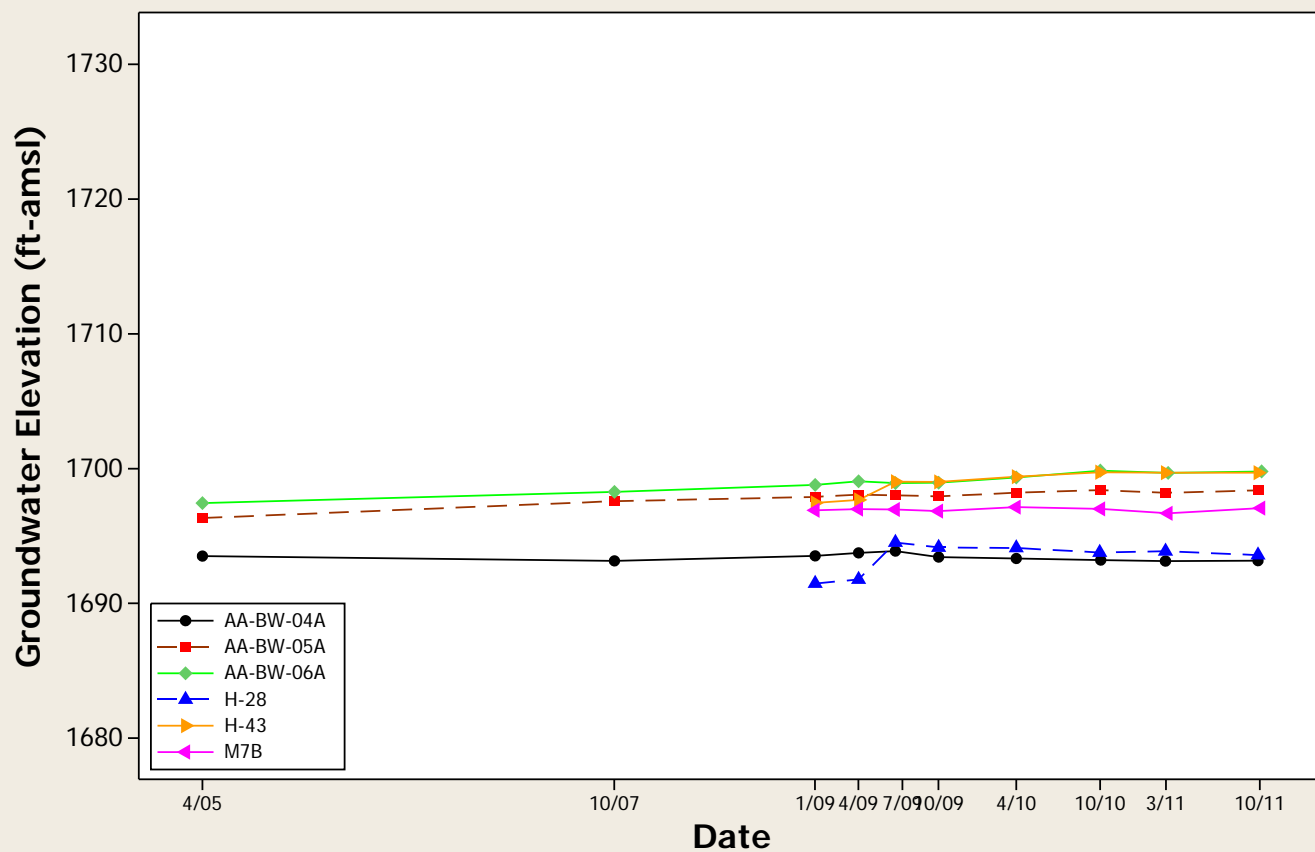
Water Level Hydrograph - Upgradient Shallow Zone Wells



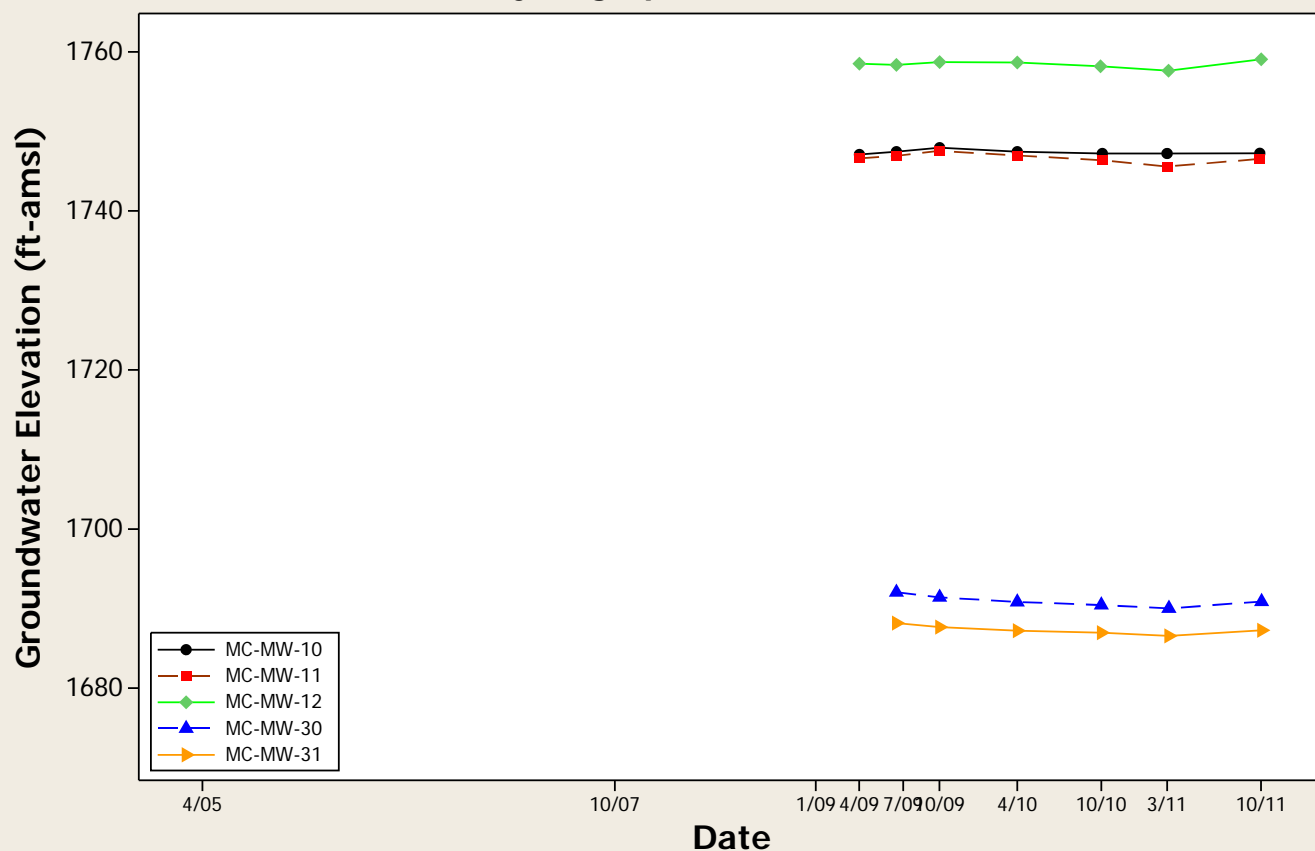
Water Level Hydrograph - Crossgradient Shallow Zone Wells



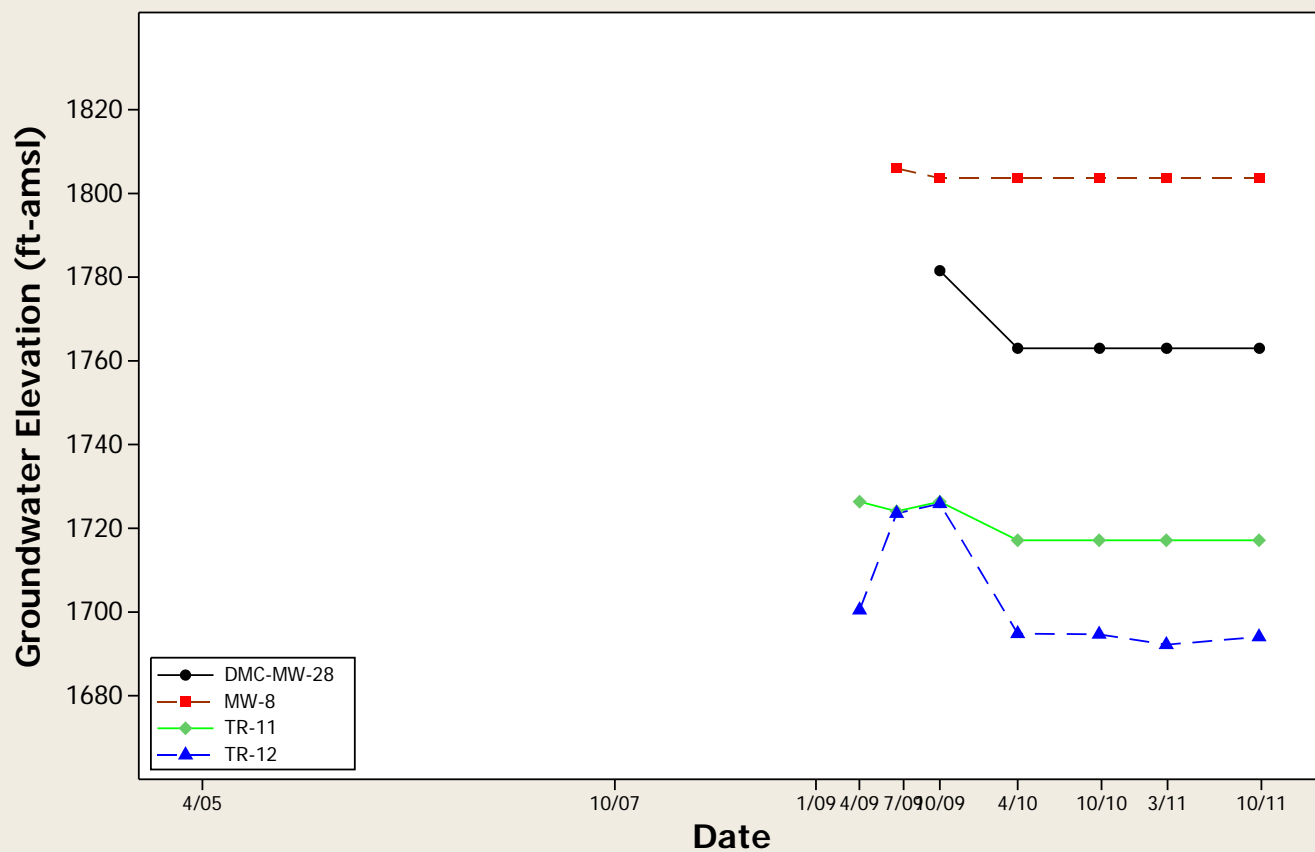
Water Level Hydrograph - Downgradient Shallow Zone Wells



Water Level Hydrograph - All Middle Zone Wells



Water Level Hydrograph - All Deep Zone Wells



SAMPLING FORMS

Monitoring Well Low-Flow Purge/Sampling Form

Project: McCamu 4th semi-Annual Baseline

Well ID: AA-BW-01A Screened Interval (ft): 33'-53' Well Diameter (in): 4"
 Date: 10/21/11 Pump Intake Depth (ft): 51' Static Water Level (ft): 38.99
 Sample ID: AA-BW-01A Purging/ Sample Device: Dedicated Total Well depth (ft): 55.65
 Time: 0810 PID Reading at TOC: N/A Water Column Length: 16.66
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 122 005353-1 Samplers Name: Keith Hawk
 MS/MSD ID: N/A Water Quality Meter: Hanika U22 Optimal Pump Setting: PSI 30 CPM 2 ID: _____
 Analysis: Various Water Quality Meter Serial #: A9192 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/21/11 0650

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
<u>0743</u>											
<u>0746</u>	<u>.3</u>	<u>100</u>	<u>39.06</u>	<u>21.5</u>	<u>6.67</u>	<u>24.39</u>	<u>5.05</u>	<u>-78</u>	<u>56.7</u>	<u>1.3</u>	<u>13</u>
<u>0749</u>	<u>.6</u>	<u>100</u>	<u>39.07</u>	<u>21.5</u>	<u>6.79</u>	<u>24.35</u>	<u>4.41</u>	<u>-86</u>	<u>52.7</u>	<u>1.3</u>	<u>13</u>
<u>0752</u>	<u>.9</u>	<u>100</u>	<u>39.08</u>	<u>21.4</u>	<u>6.85</u>	<u>24.50</u>	<u>3.81</u>	<u>-116</u>	<u>0.0</u>	<u>1.3</u>	<u>13</u>
<u>0755</u>	<u>1.2</u>	<u>100</u>	<u>39.08</u>	<u>21.3</u>	<u>6.86</u>	<u>24.50</u>	<u>3.78</u>	<u>-120</u>	<u>0.0</u>	<u>1.3</u>	<u>13</u>
<u>0758</u>	<u>1.5</u>	<u>100</u>	<u>39.09</u>	<u>21.4</u>	<u>6.88</u>	<u>24.49</u>	<u>3.65</u>	<u>-126</u>	<u>0.0</u>	<u>1.3</u>	<u>13</u>
<u>0801</u>	<u>1.8</u>	<u>100</u>	<u>39.09</u>	<u>21.4</u>	<u>6.89</u>	<u>24.45</u>	<u>3.63</u>	<u>129</u>	<u>0.0</u>	<u>1.3</u>	<u>13</u>
<u>0804</u>	<u>2.1</u>	<u>100</u>	<u>39.10</u>	<u>21.5</u>	<u>6.89</u>	<u>24.43</u>	<u>3.60</u>	<u>-130</u>	<u>0.0</u>	<u>1.3</u>	<u>13</u>
<u>0810</u>	<u>started sample collection</u>										
<u>1025</u>	<u>completed sample collection</u>										

Comments: _____

Maximum permissible drawdown = 3.00 ft BTOC, water level not to draw down below 41.99 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BAC/CANES 4th Semi-Annual Baseline

Well ID: AA-BW-02A Screened Interval (ft): 33'-53' Well Diameter (in): 4"
 Date: 10/25/11 Pump Intake Depth (ft): 52' Static Water Level (ft): 41.08
 Sample ID: AA-BW-02A Purging/ Sample Device: Perforated Total Well depth (ft): 55.62
 Time: 0835 PID Reading at TOC: N/A Water Column Length: 14.54
 Dup ID: N/A Water Level Instrument: salinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 122-005353-1 Samplers Name: Keith Houk
 MS/MSD ID: N/A Water Quality Meter: Horiba U22 Optimal Pump Setting: PSI 70 CPM 3 ID: _____
 Analysis: Various Water Quality Meter Serial #: K-9292 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/25/11 0645

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0754	1.5	500	41.01	16.3	6.96	24.55	4.06	27	0.0	1.0	10
0800	3.0	500	41.15	16.3	6.91	24.56	4.04	22	0.0	1.0	10
0803	4.5	500	41.19	16.3	6.95	24.57	4.12	12	0.0	1.0	10
0806	6.0	500	41.23	16.3	6.96	24.57	4.20	7	0.0	1.0	10
0809	7.5	500	41.27	16.3	6.96	24.59	4.31	3	0.0	1.0	10
0812	9.0	500	41.32	16.3	6.96	24.68	4.52	0	0.0	1.0	10
0815	10.5	500	41.36	16.3	6.96	24.63	4.82	-3	0.0	1.0	10
0818	12.0	500	41.40	16.3	6.96	24.65	5.01	-6	0.0	1.0	10
0821	13.5	500	41.44	16.3	6.96	24.66	5.07	-8	0.0	1.0	10
0824	15.0	500	41.48	16.3	6.96	24.66	5.03	-8	0.0	1.0	10
0827	16.5	500	41.53	16.3	6.96	24.65	5.05	-8	0.0	1.0	10
0835	started sample collection										
0905	completed sample collection										

Comments:

Maximum permissible drawdown = 2.73 ft BTOC, water level not to draw down below 43.81 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: ORC/LAMU 4th Semi-Annual Baseline

Well ID: AA-BW-03A Screened Interval (ft): 33'-53' Well Diameter (in): 4"
 Date: 10/1/11 Pump Intake Depth (ft): 50' Static Water Level (ft): 39.34
 Sample ID: AA-BW-03A Purging/ Sample Device: Dedicated Total Well depth (ft): 55.88
 Time: 0955 PID Reading at TOC: N/A Water Column Length: 16.54
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 122 0053537 Samplers Name: Keith Hawk
 MS/MSD ID: N/A Water Quality Meter: Hanlon V22 Optimal Pump Setting: PSI 30 CPM 2 ID: _____
 Analysis: VARIOUS Water Quality Meter Serial #: R9192 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/1/11 0645

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0926											
0929	450	150 150	39.34	10.4	7.09	25.06	4.64	38	0.0	0.6	6
0932	900	150	39.40	10.4	7.18	24.94	4.03	38	4.2	0.6	6
0935	1.35	150	39.45	10.4	7.21	24.90	3.80	32	8.9	0.6	6
0938	1.80	150	39.52	10.3	7.22	24.90	3.82	27	0.0	0.6	6
0941	2.25	150	39.57	10.3	7.22	24.91	3.78	25	0.0	0.6	6
0944	2.70	150	39.63	10.3	7.22	24.92	3.75	25	0.0	0.6	6
0947	3.15	150	39.67	10.3	7.21	24.93	3.73	24	0.0	0.6	6
0955	Starting to collect sample completed collecting sample										

Comments: _____

Maximum permissible drawdown = 2.67 ft BTOC, water level not to draw down below 42.01 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BAC/CAMU 4th Semi-Annual Baseline

Well ID: AA-BW-04A Screened Interval (ft): 34'-54' Well Diameter (in): 4"
 Date: 10/30/11 Pump Intake Depth (ft): 53' Static Water Level (ft): 38.5'
 Sample ID: AA-BW-04A Purging/ Sample Device: Dedicated Total Well depth (ft): 54.75'
 Time: 0835 PID Reading at TOC: N/A Water Column Length: 16.28'
 Dup ID: ~~AA-BW-04A~~ Water Level Instrument: Solinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 122005353-1 Samplers Name: _____
 MS/MSD ID: NA Water Quality Meter: Horiba U22 Optimal Pump Setting: PSI 60 CPM 3 ID: _____
 Analysis: Various Water Quality Meter Serial #: 89192 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/20/11 0645

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0807											
0810	1.5	500	38.61	27.7	7.11	26.09	3.11	-65	0.0	1.7	17
0813	3.0	500	38.61	27.9	7.14	26.19	3.02	-73	0.0	1.7	17
0816	4.5	500	38.61	28.1	7.16	26.28	3.00	-82	0.0	1.7	17
0819	6.0	500	38.61	28.1	7.16	26.37	3.00	-86	0.0	1.7	17
0822	7.5	500	38.61	28.2	7.17	26.37	2.98	-90	0.0	1.8	17
0825	9.0	500	38.61	28.2	7.17	26.32	2.97	-93	0.0	1.8	18
0828	10.5	500		28.4	7.17	26.30	2.96	-95	0.0	1.8	18
0835	started sample collection										
0905	completed sample collection of AA-BW-04A										
0915	started sample collection of AA-BW-04A (FD)										
0940	completed sample collection of AA-BW-04A (FD)										

Comments: _____

Maximum permissible drawdown = 3.62 ft BTOC, water level not to draw down below 42.13 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Well ID: AA-BW-05A Screened Interval (ft): 34'-64' Well Diameter (in): 4"
 Date: 10/20/11 Pump Intake Depth (ft): 63' Static Water Level (ft): 33.29
 Sample ID: AA-BW-05A Purging/ Sample Device: Dedicated Total Well depth (ft): 67.20
 Time: 1035 PID Reading at TOC: N/A Water Column Length: 33.91
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 122005353-1 Samplers Name: Keith Hawk
 MS/MSD ID: N/A Water Quality Meter: Hanitra 422 Optimal Pump Setting: PSI 55 CPM 4 ID: _____
 Analysis: VARIOUS Water Quality Meter Serial #: 29192 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/20/11 0645

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1007											
1010	0.9	300	33.41	24.1	7.24	26.43	3.69	-120	0.0	1.5	15
1013	1.8	300	33.42	23.6	7.28	26.54	3.19	-150	0.0	1.4	15
1016	2.7	300	33.42	23.5	7.30	26.59	3.14	-158	0.0	1.4	15
1019	3.6	300	33.42	23.3	7.30	26.61	3.12	-165	0.0	1.4	14
1022	4.5	300	33.42	23.3	7.31	26.60	3.11	-168	0.0	1.4	14
1025	5.4	300	33.43	23.2	7.31	26.62	3.10	-171	0.0	1.4	14
1028	6.3	300	33.43	23.2	7.31	26.62	3.09	-174	0.0	1.4	14
1035	started sample collection										
1130	completed sample collection										

Comments: _____

Maximum permissible drawdown = 2.25 ft BTOC, water level not to draw down below 40.54 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi Annual Baseline

Well ID: <u>AA-BW-06A</u>	Screened Interval (ft): <u>23' - 43' bgs</u>	Well Diameter (in): <u>4"</u>
Date: <u>10/28/11</u>	Pump Intake Depth (ft): <u>46' BTOC 43' bgs</u>	Static Water Level (ft): <u>31.90' BTOC</u>
Sample ID: <u>AA-BW-06A</u>	Purging/ Sample Device: <u>Dedicated</u>	Total Well depth (ft): <u>45.40' BTOC</u>
Time: <u>0900</u>	PID Reading at TOC: <u>—</u>	Water Column Length: <u>13.50'</u>
Dup ID: <u>N/A</u>	Water Level Instrument: <u>Solinst</u>	Minimum Purge Volume: <u>—</u>
Rinsate ID: <u>N/A</u>	WLI Serial #: <u>51166</u>	Samplers Name: <u>Andrew Kirk</u>
MS/MSD ID: <u>N/A</u>	Water Quality Meter: <u>Horiba U-22</u>	Optimal Pump Setting: <u>PSI 60 CPM 2 ID: 47</u>
Analysis: <u>Various</u>	Water Quality Meter Serial #: <u>901005</u>	Low-Flow or Net Purge: <u>Low - Flow</u>
	WQM Calibrated Date & Time: <u>10/28/11 0830</u>	

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0827	Pump	Start									
0829	200 ml	200	31.91	0.650	7.50	23.32	5.61	137	133	0.4	4.1
0832	800 ml	200	31.91	0.679	7.45	24.20	1.57	-72	130	0.4	4.3
0835	1.4	200	31.91	0.685	7.50	24.40	0.16	-106	131	0.4	4.3
0838	2.0	200	31.91	0.683	7.50	24.47	0.00	-113	130	0.4	4.3
0841	2.6	200	31.91	0.679	7.49	24.50	0.00	-112	130	0.4	4.3
0844	3.2	200	31.91	0.680	7.49	24.46	0.00	-113	130	0.4	4.3
0847	3.8	200	31.91	0.679	7.47	24.50	0.00	-114	129	0.4	4.3
0850	4.4	200	31.91	0.679	7.47	24.52	0.00	-115	129	0.4	4.3
0900	Commenced	Sampling									
1000	Sample	End	31.91								

Comments: Clear water w/ strong odorMaximum permissible drawdown = 3.53 ft BTOC, water level not to draw down below 35.43 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake

and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: ARC/CAMU 4th Semi-Annual Baseline

Well ID: AA-BW-08A Screened Interval (ft): 37.5'-57.5' Well Diameter (in): 4"
 Date: 10/31/11 Pump Intake Depth (ft): 5.7' Static Water Level (ft): 50.94
 Sample ID: AA-BW-08A Purging/ Sample Device: Dedicated Total Well depth (ft): 60.40
 Time: 1105 PID Reading at TOC: N/A Water Column Length: 9.46
 Dup ID: N/A Water Level Instrument: Salinist Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: _____ Samplers Name: Keith Hawk
 MS/MSD ID: N/A Water Quality Meter: Horiba U22 Optimal Pump Setting: PSI 60 CPM 3 ID: _____
 Analysis: Various Water Quality Meter Serial #: R9192 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/21/11 0650

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity %	TDS g/L
<u>1040</u>	<u>Liters</u>	<u>ml/min</u>	<u>± 0.1 ft</u>	<u>3%</u>	<u>± 0.1</u>	<u>± 0.2</u>	<u>± 10%</u>	<u>± 10%</u>	<u>± 10%</u>	<u>%</u>	<u>g/L</u>
<u>1043</u>	<u>1.5</u>	<u>500</u>	<u>50.98</u>	<u>50.9</u>	<u>6.75</u>	<u>26.85</u>	<u>3.07</u>	<u>-320</u>	<u>0.0</u>	<u>3.4</u>	<u>31</u>
<u>1046</u>	<u>3.0</u>	<u>500</u>	<u>50.99</u>	<u>50.8</u>	<u>6.82</u>	<u>26.87</u>	<u>3.03</u>	<u>-323</u>	<u>0.0</u>	<u>3.3</u>	<u>30</u>
<u>1049</u>	<u>4.5</u>	<u>500</u>	<u>50.99</u>	<u>40.4</u>	<u>7.28</u>	<u>26.83</u>	<u>3.04</u>	<u>-292</u>	<u>0.0</u>	<u>2.6</u>	<u>25</u>
<u>1052</u>	<u>6.0</u>	<u>500</u>	<u>50.99</u>	<u>39.9</u>	<u>7.31</u>	<u>26.82</u>	<u>3.02</u>	<u>-292</u>	<u>0.0</u>	<u>2.6</u>	<u>24</u>
<u>1055</u>	<u>7.5</u>	<u>500</u>	<u>50.99</u>	<u>39.6</u>	<u>7.31</u>	<u>26.86</u>	<u>3.02</u>	<u>-292</u>	<u>0.0</u>	<u>2.5</u>	<u>24</u>
<u>1058</u>	<u>9.0</u>	<u>500</u>	<u>50.99</u>	<u>39.2</u>	<u>7.30</u>	<u>26.85</u>	<u>3.01</u>	<u>-296</u>	<u>0.0</u>	<u>2.5</u>	<u>24</u>
<u>1101</u>	<u>10.5</u>	<u>500</u>	<u>50.99</u>	<u>38.9</u>	<u>7.31</u>	<u>26.85</u>	<u>2.99</u>	<u>-298</u>	<u>0.0</u>	<u>2.5</u>	<u>24</u>
<u>1104</u>	<u>12.0</u>	<u>500</u>	<u>50.99</u>								
<u>1105</u>	<u>started sample collection</u>										
<u>11305</u>	<u>completed sample collection</u>										

Comments: st. odorMaximum permissible drawdown = 3.36 ft BTOC, water level not to draw down below 54.30 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: GR/CAMU 4th Semi-Annual Baseline

Well ID: AA-BW-09A Screened Interval (ft): 33'-53' Well Diameter (in): 4"
 Date: 10/24/11 Pump Intake Depth (ft): 52' Static Water Level (ft): 48.25
 Sample ID: AA-BW-09A Purging/ Sample Device: Dedicated Total Well depth (ft): 55.25
 Time: 0825 PID Reading at TOC: N/A Water Column Length: 6.96
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 51166 Samplers Name: Keith Hawk
 MS/MSD ID: N/A Water Quality Meter: Horiba U22 Optimal Pump Setting: PSI 30 CPM 2 ID: _____
 Analysis: Various Water Quality Meter Serial #: 19192 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/24/11 0650

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
<u>0753</u>	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
<u>0756</u>	<u>300</u>	<u>100</u>	<u>48.39</u>	<u>71.3</u>	<u>6.71</u>	<u>24.73</u>	<u>3.58</u>	<u>97</u>	<u>14.9</u>	<u>4.0</u>	<u>43</u>
<u>0759</u>	<u>6</u>	<u>100</u>	<u>48.42</u>	<u>71.0</u>	<u>6.71</u>	<u>24.75</u>	<u>3.77</u>	<u>77</u>	<u>0.0</u>	<u>4.0</u>	<u>42</u>
<u>0802</u>	<u>9</u>	<u>100</u>	<u>48.46</u>	<u>70.6</u>	<u>6.71</u>	<u>24.82</u>	<u>3.67</u>	<u>73</u>	<u>0.0</u>	<u>4.0</u>	<u>42</u>
<u>0805</u>	<u>1.2</u>	<u>100</u>	<u>48.49</u>	<u>70.8</u>	<u>6.71</u>	<u>24.83</u>	<u>3.47</u>	<u>67</u>	<u>0.0</u>	<u>4.0</u>	<u>43</u>
<u>0808</u>	<u>1.5</u>	<u>100</u>	<u>48.51</u>	<u>71.2</u>	<u>6.72</u>	<u>24.82</u>	<u>3.41</u>	<u>58</u>	<u>0.0</u>	<u>4.0</u>	<u>43</u>
<u>0811</u>	<u>1.8</u>	<u>100</u>	<u>48.53</u>	<u>71.5</u>	<u>6.72</u>	<u>24.84</u>	<u>3.39</u>	<u>51</u>	<u>0.0</u>	<u>4.0</u>	<u>43</u>
<u>0814</u>	<u>2.1</u>	<u>100</u>	<u>48.58</u>	<u>71.4</u>	<u>6.72</u>	<u>24.85</u>	<u>3.44</u>	<u>48</u>	<u>0.0</u>	<u>4.0</u>	<u>43</u>
<u>0817</u>	<u>2.4</u>	<u>100</u>	<u>48.59</u>	<u>71.6</u>	<u>6.71</u>	<u>24.82</u>	<u>3.42</u>	<u>47</u>	<u>0.0</u>	<u>4.0</u>	<u>43</u>
<u>0825</u>	<u>Started sample collection</u>										
<u>1030</u>	<u>Completed sample collection</u>										

Comments: _____

Maximum permissible drawdown = 0.93 ft BTOC, water level not to draw down below 48.22 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: AK/CAMU 4th Semi-Annual Baseline

Well ID: AA-BW-12A Screened Interval (ft): 49'-69' Well Diameter (in): 4"
 Date: 10/27/11 Pump Intake Depth (ft): 59' Static Water Level (ft): 50.12
 Sample ID: AA-BW-12A Purging/ Sample Device: Dedicated Total Well depth (ft): 71.50
 Time: 0855 PID Reading at TOC: N/A Water Column Length: 21.38
 Dup ID: ~~AA-BW-12A~~ AA-BW-12A (FD) Water Level Instrument: Solinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 25394 Samplers Name: Keith Hawk
 MS/MSD ID: N/A Water Quality Meter: Horiba U22 Optimal Pump Setting: PSI 50 CPM 3 ID: _____
 Analysis: Various Water Quality Meter Serial #: R 9192 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/27/11 0855

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0828											
0831	1.05	350	50.16	6.99	6.87	25.71	3.71	-209	0.0	0.4	4.4
0834	2.10	350	50.16	6.83	6.90	26.01	3.60	-221	0.0	0.4	4.3
0837	3.15	350	50.16	6.83	6.93	26.27	3.68	-235	0.0	0.4	4.3
0840	4.20	350	50.16	6.82	6.94	26.27	3.79	-239	0.0	0.4	4.3
0843	5.25	350	50.16	6.82	6.94	26.26	3.91	-243	0.0	0.4	4.3
0846	6.30	350	50.16	6.82	6.94	26.23	3.98	-246	0.0	0.4	4.3
0849	7.35	350	50.16	6.81	6.94	26.28	4.03	-248	0.0	0.4	4.3
0855	started collecting sample AA-BW-12A										
0940	completed collecting sample AA-BW-12A										
0945	started collecting sample AA-BW-12A (FD)										
1030	Completed collecting sample AA-BW-12A (FD)										

Comments: Black tint, st. odorMaximum permissible drawdown = 2.22 ft BTOC, water level not to draw down below 52.34 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/Lamu 4th Semi-Annual Baseline

Well ID: AA-MW-07 Screened Interval (ft) 30.5' - 70.5' bgs Well Diameter (in): 4"
 Date: 10/27/01 Pump Intake Depth (ft) 53' BTOC / 50' bgs Static Water Level (ft): 38.02' BTOC
 Sample ID: AA-MW-07 Purging/ Sample Device: Portable Pump Total Well depth (ft): 76.12' BTOC
 Time: 1020 PID Reading at TOC: — Water Column Length: 38.10'
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume: —
 Rinsate ID: N/A WLI Serial #: 51166 Samplers Name: Andrew Kirk
 MS/MSD ID: N/A Water Quality Meter: Horiba U-22 Optimal Pump Setting: PSI 50 CPM 2 ID: 45
 Analysis: Various Water Quality Meter Serial #: 901005 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/27/01 0720

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0953	Pump	Start									
0955	200 ml	200	38.10	3.05	7.26	24.34	4.08	-78	167	1.9	19
0958	800 ml	200	38.11	3.03	7.11	24.51	1.18	-81	146	1.9	18
1001	1.4	200	38.12	3.03	7.07	24.67	0.51	-83	144	1.9	18
1004	2.0	200	38.12	3.03	7.05	24.77	0.13	-85	139	1.9	18
1007	2.6	200	38.13	3.03	7.04	24.85	0.00	-87	144	1.9	18
1010	3.2	200	38.13	3.04	7.03	24.86	0.00	-88	145	1.9	18
1013	3.8	200	38.14	3.03	7.03	24.85	0.00	-87	144	1.9	18
1020	Commenced	Sampling									
1135	Sample	End	38.19								

Comments: Clear water w/ strong odorMaximum permissible drawdown = 3.75 ft BTOC, water level not to draw down below 41.77 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake

and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BAC/AMU 4th Semi-Annual Baseline

Well ID: DMC-MW-28 Screened Interval (ft): 260'-290' Well Diameter (in): 4"
 Date: 10/19/11 Pump Intake Depth (ft): 275' Static Water Level (ft): 0.0
 Sample ID: DMC-MW-28 Purging/ Sample Device: Grundfos Pump Total Well depth (ft): 295.00
 Time: 1130 PID Reading at TOC: N/A Water Column Length: 295.00
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume:
 Rinsate ID: N/A WLI Serial #: Samplers Name: Keith Houk, Andy Kirk
 MS/MSD ID: N/A Water Quality Meter: Horiba U-22 Optimal Pump Setting: PSI N/A CPM N/A ID: N/A
 Analysis: Various Water Quality Meter Serial #: Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/19/11

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1052		900	0.00	1.14	8.66	25.33	7.36	-148	21.1	0.0	0.7
1055		900	0.00	1.20	8.83	25.41	5.36	-66	21.1	0.1	0.8
1058		900	0.10	1.20	8.70	25.98	4.66	-72	21.2	0.1	0.8
1101		900	0.10	1.20	8.69	26.02	4.52	-78	21.2	0.1	0.8
1104		900	0.20	1.20	8.68	26.02	4.47	-84	21.2	0.1	0.8
1107		900	0.20	1.20	8.68	26.05	4.43	-88	21.2	0.1	0.8
1110		900	0.30	1.20	8.67	26.05	4.39	-89	21.2	0.1	0.8
1113		900	0.30	1.20	8.67	26.05	4.39	-89	21.2	0.1	0.8
1130	started sample collection completed sample collection										

Comments: blackish tint w/ black specksMaximum permissible drawdown = 3.75 ft BTOC, water level not to draw down below _____ ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi Annual Baseline

Well ID:	<u>EC-2</u>	Screened Interval (ft):	<u>50' - 60' bgs</u>	Well Diameter (in):	<u>4"</u>
Date:	<u>10/27/11</u>	Pump Intake Depth (ft):	<u>58' bgs</u>	Static Water Level (ft):	<u>55.75' BTOC</u>
Sample ID:	<u>EC-2</u>	Purging/ Sample Device:	<u>Portable Pump</u>	Total Well depth (ft):	<u>60.55' BTOC</u>
Time:	<u>0815</u>	PID Reading at TOC:	<u>—</u>	Water Column Length:	<u>4.80'</u>
Dup ID:	<u>N/A</u>	Water Level Instrument:	<u>Solinst</u>	Minimum Purge Volume:	
Rinsate ID:	<u>N/A</u>	WLI Serial #:	<u>51166</u>	Samplers Name:	<u>Andrew Kirk</u>
MS/MSD ID:	<u>N/A</u>	Water Quality Meter:	<u>Hanna U-22</u>	Optimal Pump Setting:	<u>PSI 50 CPM 2 ID: 46</u>
Analysis:	<u>Various</u>	Water Quality Meter Serial #:	<u>901005</u>	Low-Flow or Net Purge:	<u>Low - Flow</u>
		WQM Calibrated Date & Time:	<u>10/27/11 0720</u>		

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0745	Pump	Start									
0748	200 ml	200	55.82	3.15	6.97	24.30	4.00	-103	196	2.0	19
0751	300 ml	200	55.85	3.12	6.89	25.29	1.26	-114	180	2.0	19
0754	1.4	200	55.86	3.12	6.87	26.01	0.31	-124	172	2.0	19
0757	2.0	200	55.86	3.14	6.88	26.02	0.13	-129	170	2.0	19
0800	2.6	200	55.86	3.13	6.88	26.16	0.00	-134	167	2.0	19
0803	3.2	200	55.86	3.13	6.88	26.24	0.00	-137	162	2.0	19
0806	3.8	200	55.86	3.13	6.88	26.21	0.00	-139	161	2.0	19
0815	Commenced	Sampling									
0925	Sample	End	55.86								

Comments: Static water level was more than 2' lower than the 3rd semi annual event so I re-checked * got same reading.
Clear water w/ strong odor.

Maximum permissible drawdown = 0.56 ft BTOC, water level not to draw down below 56.31 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake

and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi Annual Baseline

Well ID:	<u>H-28</u>	Screened Interval (ft)	<u>37.5' - 50.5' bgs</u>	Well Diameter (in):	<u>2"</u>
Date:	<u>10/30/11</u>	Pump Intake Depth (ft)	<u>47' BTOC 45' bgs</u>	Static Water Level (ft):	<u>39.52' BTOC</u>
Sample ID	<u>H-28</u>	Purging/ Sample Device:	<u>Portable Pump</u>	Total Well depth (ft):	<u>47.80' BTOC</u>
Time:	<u>0915</u>	PID Reading at TOC:	<u>-----</u>	Water Column Length:	<u>8.28'</u>
Dup ID:	<u>N/A</u>	Water Level Instrument :	<u>Solinst</u>	Minimum Purge Volume:	<u>-----</u>
Rinsate ID:	<u>N/A</u>	WLI Serial #:	<u>51166</u>	Samplers Name:	<u>Andrew Kirk</u>
MS/MSD ID:	<u>N/A</u>	Water Quality Meter:	<u>Horiba U-22</u>	Optimal Pump Setting:	<u>PSI 50 CPM 2 ID: 46</u>
Analysis:	<u>various</u>	Water Quality Meter Serial #:	<u>901005</u>	Low-Flow or Net Purge:	<u>Low-Flow</u>
		WQM Calibrated Date & Time:	<u>10/30/11 0815</u>		

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0828	Pump	Start									
Amk 0831	600 ml	200	39.52	1.42	7.31	23.95	5.16	3	>1000	0.8	9
0834	800 ml	200	39.52	1.45	6.53	23.95	0.24	13	>1000	0.8	9
0837	1.4	200	39.52	1.47	6.38	24.06	0.00	22	>1000	0.9	9
0840	2.0	200	39.52	1.47	6.42	24.04	0.20	20	>1000	0.9	9
0843	2.6	200	39.52	1.48	6.55	24.21	0.00	15	>1000	0.9	9
0846	3.2	200	39.52	1.49	6.69	24.28	0.00	9	>1000	0.9	9
0849	3.8	200	39.52	1.49	6.75	24.30	0.00	7	>1000	0.9	9
0852	4.4	200	39.52	1.49	6.81	24.31	0.00	1	>1000	0.9	9
0855	5.0	200	39.52	1.49	6.82	24.28	0.00	1	>1000	0.9	9
0858	5.6	200	39.52	1.49	6.84	24.30	0.00	1	>1000	0.9	9
0915	Commenced	Sampling									
1010	Sample	End	39.52								

Comments: Dark brown water w/ no odor (initial observation). No well lock.Maximum permissible drawdown = 1.87 ft BTOC, water level not to draw down below 41.39 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake

and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi Annual Baseline

Well ID: H-43
 Date: 10/20/11
 Sample ID: H-43
 Time: 1115
 Dup ID: N/A
 Rinsate ID: N/A
 MS/MSD ID: N/A
 Analysis: Various

Screened Interval (ft) 29'-43' bgs
 Pump Intake Depth (ft) ^{AMK} 37' BTOC / 36' bgs
 Purging/ Sample Device: Portable Pump
 PID Reading at TOC: —
 Water Level Instrument: Solinst
 WLI Serial #: 51166
 Water Quality Meter: Horiba U-22
 Water Quality Meter Serial #: 901005
 WQM Calibrated Date & Time: 10/20/11 0815

Well Diameter (in): 4"
 Static Water Level (ft): 31.82' BTOC
 Total Well depth (ft): 37.47' BTOC
 Water Column Length: 5.65'
 Minimum Purge Volume: —
 Samplers Name: Andrew Kirk
 Optimal Pump Setting: PSI 40 CPM 2 ID: 45
 Low-Flow or Net Purge: Low-Flow

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1037	Pump	Start									
1039	200 ml	200	31.82	0.698	7.35	26.30	2.35	-196	>1000	0.4	4.3
1042	800 ml	200	31.82	0.674	7.37	26.05	0.05	-217	>1000	0.4	4.2
1045	1.4	200	31.82	0.668	7.40	25.88	0.00	-227	>1000	0.4	4.2
1048	2.0	200	31.82	0.665	7.42	25.80	0.00	-231	910	0.4	4.2
1051	2.6	200	31.82	0.663	7.42	25.79	0.00	-233	770	0.4	4.2
1054	3.2	200	31.82	0.663	7.42	25.66	0.00	-233	770	0.4	4.2
1057	3.8	200	31.82	0.664	7.41	25.72	0.00	-233	782	0.4	4.2
1100	4.4	200	31.82	0.663	7.41	25.77	0.00	-233	762	0.4	4.2
1115	Commenced	Sampling									
1220	Sample	End	31.82								

Comments: Greenish
^{AMK} Clear water w/ strong odor (initial observation). No well lock.

Maximum permissible drawdown = 1.30 ft BTOC, water level not to draw down below 33.12 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi Annual Baseline

Well ID:	<u>M-7B</u>	Screened Interval (ft)	<u>25.5' - 50.5' bgs</u>	Well Diameter (in):	<u>2"</u>
Date:	<u>10/26/11</u>	Pump Intake Depth (ft)	<u>47' BTOC / 45' bgs</u>	Static Water Level (ft):	<u>36.01' BTOC</u>
Sample ID	<u>M-7B</u>	Purging/ Sample Device:	<u>Portable Pump</u>	Total Well depth (ft):	<u>54.77' BTOC</u>
Time:	<u>0840</u>	PID Reading at TOC:	<u>—</u>	Water Column Length:	<u>18.76'</u>
Dup ID:	<u>N/A</u>	Water Level Instrument :	<u>Solinst</u>	Minimum Purge Volume:	
Rinsate ID:	<u>N/A</u>	WLI Serial #:	<u>51166</u>	Samplers Name:	<u>Andrew Kirk</u>
MS/MSD ID:	<u>N/A</u>	Water Quality Meter:	<u>Horiba U-22</u>	Optimal Pump Setting:	<u>PSI 50 CPM 1 ID: 8</u>
Analysis:	<u>Various</u>	Water Quality Meter Serial #:	<u>901005</u>	Low-Flow or Net Purge:	<u>Low - Flow</u>
		WQM Calibrated Date & Time:	<u>10/26/11 0730</u>		

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0756	Pump	Start									
0801	100 ml	100	36.14	1.39	7.25	22.58	7.30	125	>1000	0.8	9
0804	400 ml	100	36.15	1.41	7.22	22.83	1.82	119	>1000	0.8	9
0807	700 ml	100	36.17	1.41	7.20	22.75	1.06	115	>1000	0.8	9
0810	1.0	100	36.18	1.41	7.19	22.82	0.69	113	>1000	0.8	9
0813	1.3	100	36.18	1.41	7.17	22.67	0.47	111	>1000	0.8	9
0816	1.6	100	36.18	1.41	7.15	22.76	0.40	109	>1000	0.8	9
0819	2.0	100	36.18	1.41	7.15	22.75	0.28	107	>1000	0.8	9
0822	2.3	100	36.18	1.41	7.14	22.73	0.29	106	>1000	0.8	9
0825	2.6	100	36.18	1.41	7.15	22.74	0.28	105	>1000	0.8	9
0840	Commenced	Sampling									
1025	Sample	End	36.18								

Comments: turbid water w/ no odor.Maximum permissible drawdown = 2.75 ft BTOC, water level not to draw down below 33.76 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/LAMU 4th Semi Annual Baseline

Well ID:	<u>MCF-BW-11A</u>	Screened Interval (ft):	<u>57' - 72' bgs</u>	Well Diameter (in):	<u>4"</u>
Date:	<u>10/26/11</u>	Pump Intake Depth (ft):	<u>64' bgs</u>	Static Water Level (ft):	<u>47.60' BTOC</u>
Sample ID:	<u>MCF-BW-11A</u>	Purging/ Sample Device:	<u>Portable Pump</u>	Total Well depth (ft):	<u>74.35' BTOC</u>
Time:	<u>1200</u>	PID Reading at TOC:	<u> </u>	Water Column Length:	<u>26.75'</u>
Dup ID:	<u>N/A</u>	Water Level Instrument:	<u>Solinst</u>	Minimum Purge Volume:	<u> </u>
Rinsate ID:	<u>N/A</u>	WLI Serial #:	<u>51166</u>	Samplers Name:	<u>Andrew Kirk</u>
MS/MSD ID:	<u>N/A</u>	Water Quality Meter:	<u>Horiba V-22</u>	Optimal Pump Setting:	<u>PSI 60 CPM 1 ID: 7</u>
Analysis:	<u>Various</u>	Water Quality Meter Serial #:	<u>901005</u>	Low-Flow or Net Purge:	<u>Low - Flow</u>
		WQM Calibrated Date & Time:	<u>10/26/11 0730</u>		

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1115	Pump	Start									
1120	100 ml	100	47.90	0.165	7.95	25.71	6.11	59	201	0.1	1.1
1123	400 ml	100	47.99	0.159	7.75	25.53	2.99	53	177	0.1	1.0
1126	700 ml	100	48.06	0.157	7.62	25.47	1.87	52	177	0.1	1.0
1129	1.0	100	48.12	0.156	7.62	25.54	1.43	53	175	0.1	1.0
1132	1.3	100	48.17	0.155	7.53	25.58	1.06	54	177	0.1	1.0
1135	1.6	100	48.21	0.155	7.49	25.56	0.87	56	176	0.1	1.0
1138	2.0	100	48.30	0.154	7.44	25.57	0.68	57	175	0.1	1.0
1141	2.3	100	48.32	0.154	7.40	25.57	0.56	57	175	0.1	1.0
1144	2.6	100	48.32	0.154	7.36	25.54	0.57	58	174	0.1	1.0
1147	3.0	100	48.34	0.154	7.35	25.44	0.55	58	175	0.1	1.0
1150	3.3	100	48.35	0.154	7.34	25.47	0.56	59	174	0.1	1.0
1200	Commenced	Sampling									
1350	Sample	End	48.49								

Comments: Clear water w/ no odorMaximum permissible drawdown = 1.75 ft BTOC, water level not to draw down below 49.35 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi Annual Baseline

Well ID:	<u>MC-MW-10</u>	Screened Interval (ft)	<u>85'-115' bgs</u>	Well Diameter (in):	<u>4"</u>
Date:	<u>10/21/11</u>	Pump Intake Depth (ft)	<u>100' bgs</u>	Static Water Level (ft):	<u>56.68' BTOC</u>
Sample ID	<u>MC-MW-10</u>	Purging/ Sample Device:	<u>Portable Pump</u>	Total Well depth (ft):	<u>122.00' BTOC</u>
Time:	<u>0945</u>	PID Reading at TOC:	<u>—</u>	Water Column Length:	<u>65.32'</u>
Dup ID:	<u>N/A</u>	Water Level Instrument :	<u>Solinst</u>	Minimum Purge Volume:	
Rinsate ID:	<u>N/A</u>	WLI Serial #:	<u>S1166</u>	Samplers Name:	<u>Andrew Kirk</u>
MS/MSD ID:	<u>N/A</u>	Water Quality Meter:	<u>Horiba U-32</u>	Optimal Pump Setting:	PSI <u>70</u> CPM <u>2</u> ID: <u>47</u>
Analysis:	<u>Various</u>	Water Quality Meter Serial #:	<u>901005</u>	Low-Flow or Net Purge:	<u>Low-Flow</u>
		WQM Calibrated Date & Time:	<u>10/21/11 0730</u>		

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0907	Pump	Start									
0912	200 ml	200	56.81	2.69	6.92	24.80	4.33	12	148	1.7	17
0915	800 ml	200	56.81	3.17	6.93	25.05	1.28	-22	149	2.0	19
0918	1.4	200	56.81	3.27	6.96	25.17	0.32	-36	146	2.1	20
0921	2.0	200	56.81	3.28	6.96	25.13	0.15	-41	146	2.1	20
0924	2.6	200	56.81	3.28	6.96	25.16	0.09	-44	146	2.1	20
0927	3.2	200	56.81	3.29	6.96	25.16	0.05	-46	144	2.1	20
0930	3.8	200	56.81	3.29	6.95	25.18	0.00	-48	144	2.1	20
0933	4.4	200	56.81	3.30	6.95	25.24	0.00	-49	143	2.1	20
0936	5.0	200	56.81	3.30	6.95	25.16	0.00	-50	143	2.1	20
0945	Commenced Sampling										
1050	Sample End		56.81								

Comments: Clear water w/ strong odorMaximum permissible drawdown = 3.75 ft BTOC, water level not to draw down below 60.43 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake

and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Sem. Annual Baseline

Well ID:	<u>MC-MW-11</u>	Screened Interval (ft):	<u>100' - 120' bgs</u>	Well Diameter (in):	<u>4"</u>
Date:	<u>10/21/11</u>	Pump Intake Depth (ft):	<u>110' bgs</u>	Static Water Level (ft):	<u>57.98' BTAC</u>
Sample ID:	<u>MC-MW-11</u>	Purging/ Sample Device:	<u>Portable Pump</u>	Total Well depth (ft):	<u>126.50' BTAC</u>
Time:	<u>1200</u>	PID Reading at TOC:	<u>—</u>	Water Column Length:	<u>68.52'</u>
Dup ID:	<u>N/A</u>	Water Level Instrument:	<u>Solinst</u>	Minimum Purge Volume:	<u>—</u>
Rinsate ID:	<u>N/A</u>	WLI Serial #:	<u>51166</u>	Samplers Name:	<u>Andrew Kirk</u>
MS/MSD ID:	<u>N/A</u>	Water Quality Meter:	<u>Horiba U-22</u>	Optimal Pump Setting:	<u>PSI 70 CPM 2 ID: 47</u>
Analysis:	<u>Various</u>	Water Quality Meter Serial #:	<u>901005</u>	Low-Flow or Net Purge:	<u>Low-Flow</u>
		WQM Calibrated Date & Time:	<u>10/31/11 0720</u>		

Time	Volume Purged	Flow Rate	Water Level (feet - BTAC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1118	Pump	Start									
1123	200 ml	200	58.35	0.192	7.92	27.79	4.84	-2	156	0.1	1.2
1126	800 ml	200	58.33	0.159	7.85	27.50	1.66	-23	150	0.1	1.0
1129	1.4	200	58.33	0.145	7.81	27.44	0.88	-31	146	0.1	0.9
1132	2.0	200	58.33	0.141	7.72	27.34	0.54	-36	148	0.1	0.9
1135	2.6	200	58.33	0.135	7.70	27.27	0.23	-42	154	0.1	0.9
1138	3.2	200	58.33	0.134	7.72	27.19	0.10	-46	150	0.1	0.9
1141	3.8	200	58.33	0.134	7.70	27.16	0.00	-49	149	0.1	0.9
1144	4.4	200	58.33	0.134	7.69	27.10	0.00	-51	145	0.1	0.9
1147	5.0	200	58.33	0.133	7.68	27.08	0.00	-50	145	0.1	0.9
1200	Commenced Sampling										
1300	Sample End		58.33								

Comments: Clear water w/ very strong odorMaximum permissible drawdown = 2.5 ft BTAC, water level not to draw down below 60.48 ft BTAC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi-Annual Baseline

Well ID: MC-MW-12 Screened Interval (ft): 100' - 120' bgs Well Diameter (in): 4"
 Date: 10/24/11 Pump Intake Depth (ft): 105' bgs Static Water Level (ft): 40.99' BTOC
 Sample ID: MC-MW-12 Purging/ Sample Device: Portable Pump Total Well depth (ft): 124.30' BTOC
 Time: 0940 PID Reading at TOC: — Water Column Length: 83.31'
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume: —
 Rinsate ID: N/A WLI Serial #: 122-005353 Samplers Name: Andrew Kirk
 MS/MSD ID: N/A Water Quality Meter: Horiba U-22 Optimal Pump Setting: PSI 60 CPM 2 ID: 50 *Gave 200 ml/min
 Analysis: Various Water Quality Meter Serial #: 901005 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/24/11 0720

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0903	Pump	Start									
0906	200 ml	200	41.21	0.112	8.15	23.94	3.86	-1	327	0.0	0.7
0909	800 ml	200	41.26	0.107	8.02	24.46	0.52	-166	288	0.0	0.7
0912	1.4	200	41.30	0.106	7.94	24.68	0.15	-183	274	0.0	0.7
0915	2.0	200	41.33	0.105	7.84	24.80	0.00	-183	243	0.0	0.7
0918	2.6	200	41.36	0.105	7.72	24.54	0.00	-175	242	0.0	0.7
0921	3.0	100	41.36	0.105	7.67	24.41	0.00	-171	229	0.0	PSI: 60 CPM: 1 I.D.: 10 0.7
0924	3.3	100	41.36	0.105	7.66	24.44	0.00	-169	226	0.0	0.7
0927	3.6	100	41.36	0.105	7.63	24.42	0.00	-167	219	0.0	0.7
0940	Commented	Sampling									
1050	Sample	End	41.36								
DNAPL											
1100	Commented	Sampling									
1117	Sample	End									

Comments: Depth to DNAPL was 113.35' BTOC to bottom of well, Pump intake for water Sample was set at 105' BTOC. Pump intake was lowered to 115' BTOC for DNAPL Sample. DNAPL Sample was analyzed for VOC's & SVOC's only.

Maximum permissible drawdown = 1.25 ft BTOC, water level not to draw down below 42.24 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake

and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi Annual Baseline

Well ID: MC-MW-30
 Date: 10/25/11
 Sample ID: MC-MW-30
 Time: 0840
 Dup ID: N/A
 Rinsate ID: N/A
 MS/MSD ID: N/A
 Analysis: Various

Screened Interval (ft) 36.5'-46.5' bgs
 Pump Intake Depth (ft) 42' bgs
 Purging/ Sample Device: Portable Pump
 PID Reading at TOC: —
 Water Level Instrument: Solinst
 WLI Serial #: 51166
 Water Quality Meter: Horiba U-22
 Water Quality Meter Serial #: 901005
 WQM Calibrated Date & Time: 10/25/11 0740

Well Diameter (in): 2"
 Static Water Level (ft): 27.35' BTOC
 Total Well depth (ft): 49.22' BTOC
 Water Column Length: 21.87'
 Minimum Purge Volume: —
 Samplers Name: Andrew Kirk
 Optimal Pump Setting: PSI 60 CPM 2 ID: 45 * have 250 ml/min
 Low-Flow or Net Purge: Low-Flow

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0754	Pump	Start									
0758	100 ml	100	28.13	1.64	7.12	25.65	2.47	-118	>1000	1.0	PSI 60 10 I.D. 7
0801	400 ml	100	28.40	1.66	7.20	25.74	1.14	-130	>1000	1.0	10
0804	700 ml	100	28.79	1.67	7.26	25.60	0.46	-140	>1000	1.0	10
0807	1.0	100	29.17	1.69	7.29	25.39	0.12	-149	>1000	1.0	10
0810	1.3	100	29.55	1.70	7.30	25.23	0.00	-157	>1000	1.0	10
0813	1.6	100	29.90	1.70	7.30	25.18	0.00	-166	>1000	1.0	10
0816	2.0	100	30.10	1.71	7.29	25.16	0.00	-172	>1000	1.0	10
0819	2.3	100	30.53	1.71	7.29	25.13	0.00	-174	>1000	1.0	10
0840	Commenced	Sampling									
1022	Sample	End	37.25								

Comments: Drawdown exceeded 0.3 ft so well has to be sampled at 100 ml/min. Brown water w/ strong odor.

Maximum permissible drawdown = 1.38 ft BTOC, water level not to draw down below 28.73 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake

and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BRC/CAMU 4th Semi Annual Baseline

Well ID:	<u>MC-MW-31</u>	Screened Interval (ft)	<u>39.5' - 49.5' bgs</u>	Well Diameter (in):	<u>2"</u>
Date:	<u>10/25/11</u>	Pump Intake Depth (ft)	<u>45' bgs</u>	Static Water Level (ft):	<u>29.57' BTOC</u>
Sample ID	<u>MC-MW-31</u>	Purging/ Sample Device:	<u>Portable Pump</u>	Total Well depth (ft):	<u>55.95' BTOC</u>
Time:	<u>1120</u>	PID Reading at TOC:	<u> </u>	Water Column Length:	<u>26.38'</u>
Dup ID:	<u>N/A</u>	Water Level Instrument :	<u>Solinst</u>	Minimum Purge Volume:	<u> </u>
Rinsate ID:	<u>N/A</u>	WLI Serial #:	<u>51166</u>	Samplers Name:	<u>Andrew Kirk</u>
MS/MSD ID:	<u>N/A</u>	Water Quality Meter:	<u>Horiba U-22</u>	Optimal Pump Setting:	<u>PSI 40 CPM 1 ID: 8</u>
Analysis:	<u>Various</u>	Water Quality Meter Serial #:	<u>901005</u>	Low-Flow or Net Purge:	<u>Low - Flow</u>
		WQM Calibrated Date & Time:	<u>10/25/11 0740</u>		

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance (ms/cm)	pH	Temp. (°C)	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	Pump Settings & TDS
	Liters	ml/min	± 4 in.	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1044	Pump	Start									
1050	100 ml	100	30.73	0.924	6.62	27.33	6.89	-89	594	0.5	5.8
1053	400 ml	100	30.76	0.936	6.61	27.98	3.10	-95	510	0.5	5.9
1056	700 ml	100	31.10	0.946	6.64	27.60	1.42	-111	598	0.5	6.0
1059	1.0	100	31.45	0.966	6.74	27.16	0.00	-147	909	0.5	6.0
1102	1.3	100	31.63	0.969	6.78	27.15	0.00	-154	894	0.5	6.1
1105	1.6	100	31.70	0.968	6.79	27.18	0.00	-159	866	0.5	6.1
1108	2.0	100	31.71	0.969	6.81	27.22	0.00	-163	820	0.5	6.1
1111	2.3	100	31.83	0.968	6.83	27.16	0.00	-167	821	0.5	6.1
1120	Commented	Sampling									
1250	Sample	End	33.41								

Comments: Greyish water w/ strong odor. Drawdown exceeded .3 ft so it had to be sampled at 100 ml/min

Maximum permissible drawdown = 1.38 ft BTOC, water level not to draw down below 30.95 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake

and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: ARC/CAMU 4th Semi-Annual Baseline

Well ID: MW-8 Screened Interval (ft): 275'-295' Well Diameter (in): 4"
 Date: 10/19/11 Pump Intake Depth (ft): 285' Static Water Level (ft): 0.00
 Sample ID: MW-8 Purging/ Sample Device: Grundfos Pump Total Well depth (ft): 300.00
 Time: 0840 PID Reading at TOC: N/A Water Column Length: 300.00
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume:
 Rinsate ID: N/A WLI Serial #: 51166 Samplers Name: Keith Hawk, Andy Kirk
 MS/MSD ID: N/A Water Quality Meter: Horiba u22 Optimal Pump Setting: PSI N/A CPM N/A ID: N/A
 Analysis: VARIOUS Water Quality Meter Serial #: 604007 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/19/11 0640

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
<u>0811</u>											
<u>0814</u>	<u>1.5</u>	<u>500</u>	<u>0.5</u>	<u>1.41</u>	<u>7.97</u>	<u>23.07</u>	<u>10.35</u>	<u>137</u>	<u>146.0</u>	<u>0.1</u>	<u>0.9</u>
<u>0817</u>	<u>3.0</u>	<u>500</u>	<u>0.6</u>	<u>1.41</u>	<u>7.77</u>	<u>23.48</u>	<u>9.78</u>	<u>135</u>	<u>136.0</u>	<u>0.1</u>	<u>0.9</u>
<u>0820</u>	<u>4.5</u>	<u>500</u>	<u>0.6</u>	<u>1.39</u>	<u>7.65</u>	<u>23.92</u>	<u>9.54</u>	<u>140</u>	<u>134.0</u>	<u>0.1</u>	<u>0.9</u>
<u>0823</u>	<u>6.0</u>	<u>500</u>	<u>0.7</u>	<u>1.39</u>	<u>7.62</u>	<u>24.05</u>	<u>9.83</u>	<u>144</u>	<u>114.0</u>	<u>0.1</u>	<u>0.9</u>
<u>0826</u>	<u>7.5</u>	<u>500</u>	<u>0.8</u>	<u>1.39</u>	<u>7.63</u>	<u>24.24</u>	<u>9.77</u>	<u>146</u>	<u>107.0</u>	<u>0.1</u>	<u>0.9</u>
<u>0829</u>	<u>9.0</u>	<u>500</u>	<u>0.10</u>	<u>1.39</u>	<u>7.63</u>	<u>24.28</u>	<u>9.57</u>	<u>151</u>	<u>110.0</u>	<u>0.1</u>	<u>0.9</u>
<u>0832</u>	<u>10.5</u>	<u>500</u>	<u>0.11</u>	<u>1.39</u>	<u>7.64</u>	<u>24.31</u>	<u>9.60</u>	<u>153</u>	<u>105.0</u>	<u>0.1</u>	<u>0.9</u>
<u>0840</u>	<u>started sample collection</u>										
<u>0915</u>	<u>Completed sample collection</u>										

Comments: _____

Maximum permissible drawdown = 2.50 ft BTOC, water level not to draw down below 2.50 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: ARC/CAMU 4th Semi-Annual Baseline

Well ID: TR-11 Screened Interval (ft): 272'-292' Well Diameter (in): 4"
 Date: 10/18/11 Pump Intake Depth (ft): 282' Static Water Level (ft): 0.00
 Sample ID: TR-11 Purging/ Sample Device: Groutless Pump Total Well depth (ft): 293.00
 Time: 0810 PID Reading at TOC: N/A Water Column Length: 293.00
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 51166 Samplers Name: Keith Hawk, Andy Kirk
 MS/MSD ID: N/A Water Quality Meter: Haciba 032 Optimal Pump Setting: PSI N/A CPM N/A ID: N/A
 Analysis: VARIOUS Water Quality Meter Serial #: 604007 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/18/11 0645

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
0742	1.5	500	0.0	1.31	7.70	24.04	4.57	75	79.8	0.1	0.8
0745	3.0	500	0.0	1.32	7.77	24.48	5.69	97	88.8	0.1	0.8
0752	4.5	500	0.0	1.32	7.78	24.52	5.19	105	110	0.1	0.8
0755	6.0	500	0.0	1.32	7.78	24.52	5.33	116	95.1	0.1	0.8
0758	7.5	500	0.0	1.32	7.78	24.51	5.34	123	92.2	0.1	0.8
0801	9.0	500	0.0	1.32	7.77	24.49	5.36	127	92.1	0.1	0.8
0804	10.5	500	0.0	1.32	7.79	24.51	5.33	131	92.0	0.1	0.8
0810	started sample collection										
0840	completed sample collection										

Comments: _____

Maximum permissible drawdown = 2.5 ft BTOC, water level not to draw down below 2.50 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

Monitoring Well Low-Flow Purge/Sampling Form

Project: BAC/CAMU 4th Semi-Annual Baseline

Well ID: TR-12 Screened Interval (ft): 272'-292' Well Diameter (in): 4"
 Date: 10/18/11 Pump Intake Depth (ft): 283' Static Water Level (ft): 1.78
 Sample ID: TR-12 Purging/ Sample Device: Grundfos Pump Total Well depth (ft): 293.00
 Time: 1040 PID Reading at TOC: N/A Water Column Length: 291.22
 Dup ID: N/A Water Level Instrument: Solinst Minimum Purge Volume: _____
 Rinsate ID: N/A WLI Serial #: 51166 Samplers Name: Keith Hawk, Andy Kirk
 MS/MSD ID: N/A Water Quality Meter: Horiba U22 Optimal Pump Setting: PSI N/A CPM N/A ID: N/A
 Analysis: VARIOUS Water Quality Meter Serial #: 604007 Low-Flow or Net Purge: Low-Flow
 WQM Calibrated Date & Time: 10/18/11 0645

Time	Volume Purged	Flow Rate	Water Level (feet - BTOC)	Specific Conductance ()	pH	Temp.	DO (mg/L)	ORP (mV)	Turbidity (NTU)	Salinity	TDS
	Liters	ml/min	± 0.1 ft	3%	± 0.1	± 0.2	± 10%	± 10%	± 10%	%	g/L
1011											
1014	1.5	500	2.61	0.901	7.69	25.41	4.04	101	69.6	0.0	0.58
1017	3.0	500	2.68	0.960	7.92	26.44	4.03	152	71.2	0.0	0.60
1020	4.5	500	2.75	0.859	7.97	28.27	3.50	122	84.8	0.0	0.55
1023	6.0	500	2.81	0.860	7.89	28.01	2.84	128	83.3	0.0	0.56
1026	7.5	500	2.89	0.874	7.96	27.04	2.31	124	78.8	0.0	0.60
1029	9.0	500	2.97	0.878	7.97	27.12	2.32	120	77.9	0.0	0.55
1032	10.5	500	3.05	0.875	7.96	27.18	2.29	121	78.7	0.0	0.60
1035	12.0	500	3.12	0.878	7.98	27.17	2.27	119	78.6	0.0	0.60
1040	started sample collection										
1130											

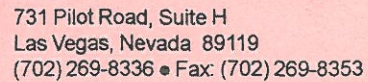
Comments: ran out of gas in generator during sampling and had to leave for about 20 minutes to get more.

Maximum permissible drawdown = 2.50 ft BTOC, water level not to draw down below 4.28 ft BTOC

Optimal drawdown for low-flow micropurge sampling is less than 0.3 ft at a flow rate of 0.1 to 1.0 L/min.

If drawdown exceeds 0.3 ft at a flow rate of 0.1 L/min....then attempt to achieve drawdown less than or equal to 25% of the available screen interval at flow rate equal to 0.1 to 1.0 L/min.

This is performed by subtracting pump intake and top of screen for fully submerged screens then multiplying by 25%, or subtracting the distance between pump intake and static water level and multiplying by 25% for water table wells with partly submerged screens.

[illegible]

Note: By relinquishing samples to Converse Consultants, client agrees to pay for the services requested on this chain of custody form and any additional analysis performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.



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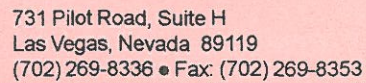
731 Pilot Road, Suite H
Las Vegas, Nevada 89119
(702) 269-8336 • Fax: (702) 269-8353

CHAIN OF CUSTODY FORM

Page 1 of 1

Client Name/Address: <i>BROOKMAN YTH Semi-Annual Baseline</i>			Project/PO Number: <i>11-43217-01</i>			Analysis Required													
Project Manager: <i>Don Sahu</i>			Phone Number: <i>SAME AS ABOVE</i>			<i>Met</i>	<i>Asbestos</i>	<i>8270 SVOC</i>	<i>EPA</i>	<i>8270 SJIA</i>	<i>Radon</i>								
Sampler: <i>Will Hart, And Kirk</i>			Fax Number:																
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives														Special Instructions
<i>M-7B</i>	<i>AQ</i>	<i>Various</i>	<i>11</i>	<i>10/26/11 840</i>	<i>4°C</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>									
<i>MCC-BW-11A</i>	<i>AQ</i>	<i>Various</i>	<i>11</i>	<i>10/26/11 1200</i>	<i>4°C</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>									
																			<i>Fcd Ex</i>
																			<i>8659 48514925</i>
Relinquished By: <i>[Signature]</i>			Date/Time: <i>10/26/11</i>			Received By:			Date/Time:			Turnaround Time: (Check) <input type="checkbox"/> Same day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> 5 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> Normal							
Relinquished By:			Date/Time:			Received By:			Date/Time:										
Relinquished By:			Date/Time:			Received By:			Date/Time:										
Relinquished By:			Date/Time:			Received By:			Date/Time:			Sample Integrity: (Check) <input type="checkbox"/> Intact <input type="checkbox"/> On ice							

Note: By relinquishing samples to Converse Consultants, client agrees to pay for the services requested on this chain of custody form and any additional analysis performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.

Page 1 of 1

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Page 1 of 1

Test America - Denver
Contact: Donna Rydberg
4495 Yarrow Street
Avada, CO 80007
(303) 736-0100

[illegible]

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CONVERSE CONSULTANTS

731 Pilot Road, Suite H
Las Vegas, Nevada 89119
(702) 269-8336 • Fax: (702) 269-8353

GEL Laboratories, LLC
Contact: Amanda Raslo
2040 Savage Road
Charleston, SC 29407
(843) 556-8171

CHAIN OF CUSTODY FORM

Page 1 of 1[illegible]

Note: By relinquishing samples to Converse Consultants, client agrees to pay for the services requested on this chain of custody form and any additional analysis performed on this project. Payment for services is due within 30 days from the date of invoice. Sample(s) will be disposed of after 30 days.



CONVERSE CONSULTANTS

731 Pilot Road, Suite H
Las Vegas, Nevada 89119
(702) 269-8336 • Fax: (702) 269-8353

CHAIN OF CUSTODY FORM

Page 1 of 1[illegible]

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CHAIN OF CUSTODY FORM

Page 1 of 1

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Test America - Denver
Contact: Donna Rydberg
4955 Yarrow Street
Arvada, CO 80002
(303) 736-0100

CHAIN OF CUSTODY FORM

Page 1 of 1[illegible]

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CONVERSE CONSULTANTS

Matt Schmidt
731 Pilot Road, Suite H
Las Vegas, Nevada 89119
(702) 269-8336 Fax (702) 269-8353

3RD Quarter Sampling

CHAIN OF CUSTODY FORM

TA-ST. LOUIS

Contact: Jerry Everett
13715 Rider Trail N.
Earth City, MO 63045
(314) 398-0566

Client Name/Address:						Project/PO Number: H-93217-01 06-43226-07		Analysis Required																					
BRC - GW Sampling																													
Project Name: BMI Commons Area (Eastside)						ANIONS	SULFIDE	TOC/TIC	CYANIDE	TKN	TDS/TSS/ALK	TOTAL METALS	VOCs	CHLORITE	DISSOLVED METALS	ANIONS (FILTERED)	CHLORITE (FILTERED)	AMMONIA	WATER QUALITY PARAMETERS	OCPs	Hardness	Acidity-Alkalinity	Inorganic Phosphate						
Sampler(s): Andy Kirk																													
Sample Description	Sample Matrix	# of Cont.	Date	Time	Preservatives																								
AA-MU-06A	AQ	9	10/24/11	0900	Y°C	X					X	X	X	X						X	X	X							
EHA-10012410	AQ	9	10/24/11	1030	Y°C	X					X	X	X	X						X	X	X							
EA-20012410	AQ	J	10/24/11	0700	HLL								X																
Comments/Instructions: Dissolved Metals are only CA, NA Mg, K																													
Fed-Ex#																													
Relinquished by: [Signature] Date/Time: 10/24/11						Received By:						Date/Time:						Turnaround Time: (Check) <input type="checkbox"/> Same Day <input type="checkbox"/> 72 Hours <input type="checkbox"/> 24 Hours <input type="checkbox"/> 5 Days <input checked="" type="checkbox"/> 48 Hours <input checked="" type="checkbox"/> Normal											
Relinquished by:						Date/Time:						Received By:						Date/Time:											
Relinquished by:						Date/Time:						Received By:						Date/Time:						Sample Integrity: (Check) <input type="checkbox"/> Intact <input type="checkbox"/> On Ice					

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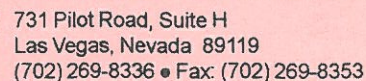


Matt Schmidt
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Las Vegas, Nevada 89119
(702) 269-8336 • Fax (702) 269-8353

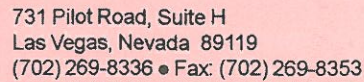
GEL LABORATORIES, LLC

Contact: Amanda Raslo
2040 Savage Road
Charleston, SC 29407
(843) 556-8171

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Page 1 of 1

GEHL Laboratories, LLC
Contact: Amanda Raslo
2040 SAVAGE ROAD
Charleston, SC 29407
(843) 556-8171

[illegible]

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CONVERSE CONSULTANTS

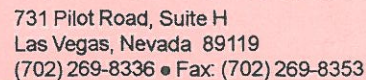
731 Pilot Road, Suite H
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CHAIN OF CUSTODY FORM

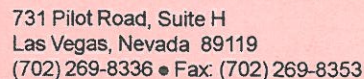
Page 1 of 1

Client Name/Address: <i>ARC/CANU GW sampling</i>			Project/PO Number: <i>11-43217-01</i>			Analysis Required									
Project Manager: <i>Don Sabin</i>			Phone Number: <i>Same as above</i>			<i>Divinor</i>	<i>TDS/ALK</i>	<i>Total Metals</i>	<i>OCPS</i>	<i>VOCs</i>	<i>Chloride</i>	<i>Hardness</i>	<i>Ammonium-nitrogen</i>	<i>Ammonium-Equation</i>	Special Instructions
Sampler: <i>Andy Kirk, Keith Houk</i>			Fax Number:												
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives										
<i>AA-BW-12A</i>	<i>AQ</i>	<i>Various</i>	<i>10</i>	<i>10/27/11 0855</i>	<i>4°C</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		
<i>AA-BW-12A(ED)</i>	<i>AQ</i>	<i>Various</i>	<i>10</i>	<i>10/27/11 0945</i>	<i>4°C</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>		
<i>EC-2</i>	<i>AQ</i>	<i>Various</i>	<i>10</i>	<i>10/27/11 0815</i>	<i>4°C</i>										
<i>AA-MW-07</i>	<i>AQ</i>	<i>Various</i>	<i>10</i>	<i>10/27/11 1030</i>	<i>4°C</i>										
<i>TA-20112710</i>	<i>AQ</i>	<i>40ml</i>	<i>2</i>	<i>10/27/11 0240</i>	<i>NIL</i>										
Relinquished By: <i>Keith A. Houk</i>			Date/Time: <i>10/27/11</i>			Received By:			Date/Time:			Turnaround Time: (Check) <input type="checkbox"/> Same day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> 5 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> Normal			
Relinquished By:			Date/Time:			Received By:			Date/Time:						
Relinquished By:			Date/Time:			Received By:			Date/Time:						
Relinquished By:			Date/Time:			Received By:			Date/Time:			Sample Integrity: (Check) <input type="checkbox"/> Intact <input type="checkbox"/> On ice			

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Page 1 of 1

CELL LABORATORIES, LLC
Contact: Amanda Rallo
2040 SAVAGE ROAD
CHARLESTON, SC 29407
(843) 556-8171

Client Name/Address:		Project/PO Number:		Analysis Required									
Project Manager:		Phone Number:		Inorganic	Radiochem	8270 SVOC	EPA 8270 SIM	Radon					Special Instructions
Sampler:		Fax Number:											
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives								
AA-BW-04A	AQ	VARIABLE	11	10/20/11 0835	4°C	X	X	X	X	X			
AA-BW-04A(CD)	AQ	VARIABLE	11	10/20/11 0940	4°C	X	X	X	X	X			
AA-BW-05A	AQ	VARIABLE	11	10/20/11 1035	4°C	X	X	X	X	X			
H-28	AQ	VARIABLE	11	10/20/11 0915	4°C	X	X	X	X	X			
H-Y3	AQ	VARIABLE	11	10/20/11 1115	4°C	X	X	X	X	X			
													Fed-Ex #5
													8659 4851 4859
													8659 4851 4866
													8659 4851 4877
Relinquished By:		Date/Time:		Received By:		Date/Time:		Turnaround Time: (Check) <input type="checkbox"/> Same day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> 5 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> Normal					
Relinquished By:		Date/Time:		Received By:		Date/Time:							
Relinquished By:		Date/Time:		Received By:		Date/Time:							
Relinquished By:		Date/Time:		Received By:		Date/Time:		Sample Integrity: (Check) <input type="checkbox"/> Intact <input type="checkbox"/> On ice					

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CHAIN OF CUSTODY FORM

Page 1 of 1[illegible]

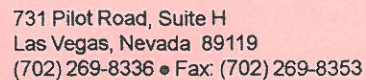
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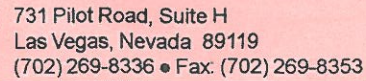
CHAIN OF CUSTODY FORM

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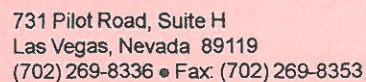


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Page 1 of 1

GEL Laboratories, LLC
Contact: Amanda Anselo
2040 Savage Road
Charleston, SC 29407
(843)-556-8171

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West America - Denver
Contact: Donna Rydberg
4955 Yarrow Street
Arvada, CO. 80002
(303) 736-0100

[illegible]

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GL2 LABORATORIES, LLC
CONTACT: AMANDA RACK
3040 SAUGE, ROAD
CHARLESTON, SC 29407
(843) 556-8171

CHAIN OF CUSTODY FORM

Page 1 of 1[illegible]

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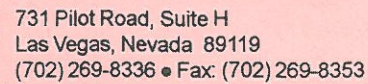
CHAIN OF CUSTODY FORM

GEL LABORATORIES, LLC
Contact: Amanda A. A. A.
2040 SAVAGE ROAD
Charleston, SC 29407
(843) 556-8171

Page 1 of 1

Client Name/Address: <i>ARC/CAMU GW sampling</i>			Project/PO Number: <i>11-43217-01</i>			Analysis Required												
Project Manager: <i>Ron Sahu</i>			Phone Number: <i>same as above</i>			<i>metabolite</i>	<i>indole</i>	<i>8270 SVOC</i>	<i>ENA</i>	<i>8270 STAN</i>	<i>radon</i>							
Sampler: <i>Andy Kirk, Keith Hawk</i>			Fax Number:															
Sample Description	Sample Matrix	Container Type	# of Cont.	Sampling Date/Time	Preservatives													Special Instructions
<i>AA-AW-12A</i>	<i>AQ</i>	<i>Various</i>	<i>11</i>	<i>10/27/11 0855</i>	<i>4°C</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>								
<i>AA-AW-12A(ED)</i>	<i>AQ</i>	<i>Various</i>	<i>11</i>	<i>10/27/11 0945</i>	<i>4°C</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>								
<i>KA-EC-2</i>	<i>AQ</i>	<i>Various</i>	<i>11</i>	<i>10/27/11 0945</i>	<i>4°C</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>								
<i>AA-MW-07</i>	<i>AQ</i>	<i>Various</i>	<i>11</i>	<i>10/27/11 1020</i>	<i>4°C</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>	<i>X</i>								
Relinquished By: <i>Keith Hawk</i>			Date/Time: <i>10/27/11</i>			Received By:			Date/Time:			Turnaround Time: (Check) <input type="checkbox"/> Same day <input type="checkbox"/> 72 hours <input type="checkbox"/> 24 hours <input type="checkbox"/> 5 days <input type="checkbox"/> 48 hours <input checked="" type="checkbox"/> Normal						
Relinquished By:			Date/Time:			Received By:			Date/Time:									
Relinquished By:			Date/Time:			Received By:			Date/Time:			Sample Integrity: (Check) <input type="checkbox"/> Intact <input type="checkbox"/> On ice						

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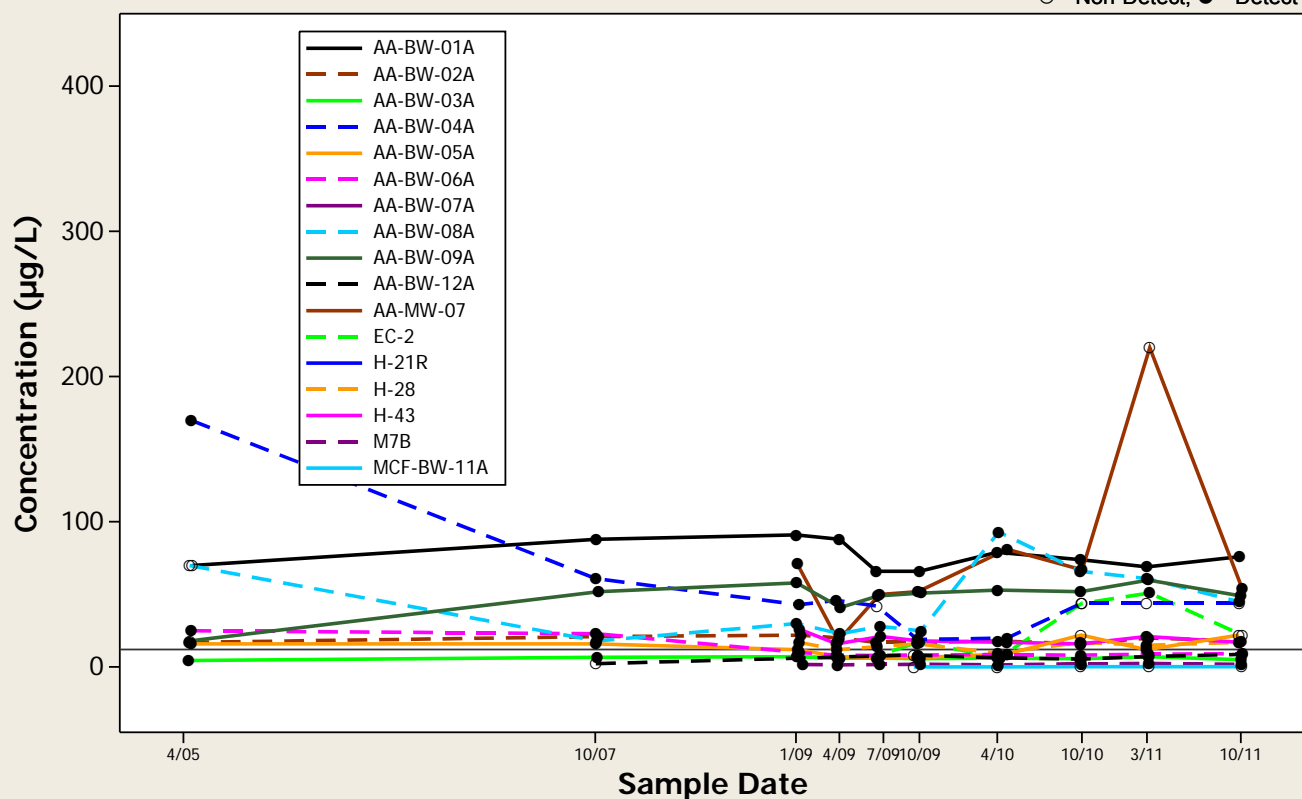
Page 1 of 1

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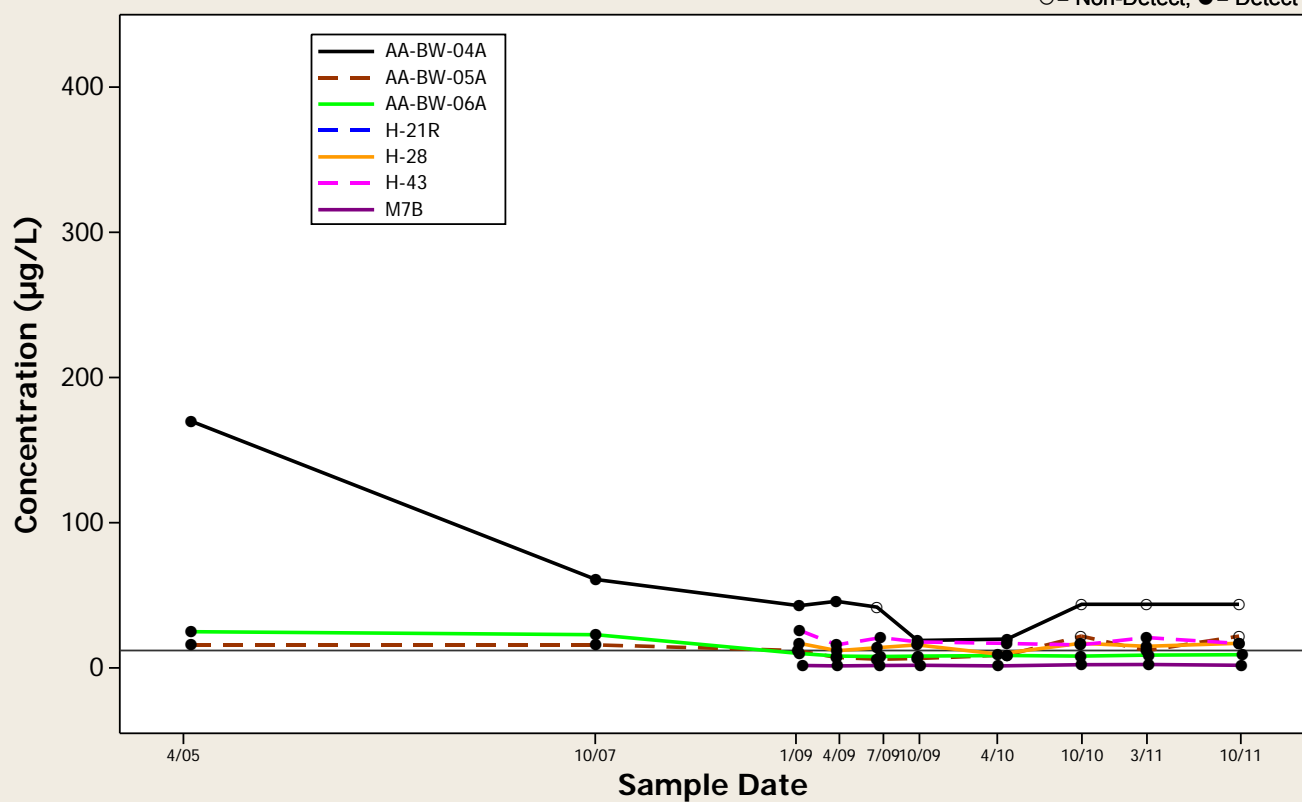
APPENDIX D

CONCENTRATION TREND GRAPHS

Analyte = 1,1-Dichloroethane

$$\text{BCL} = 12$$


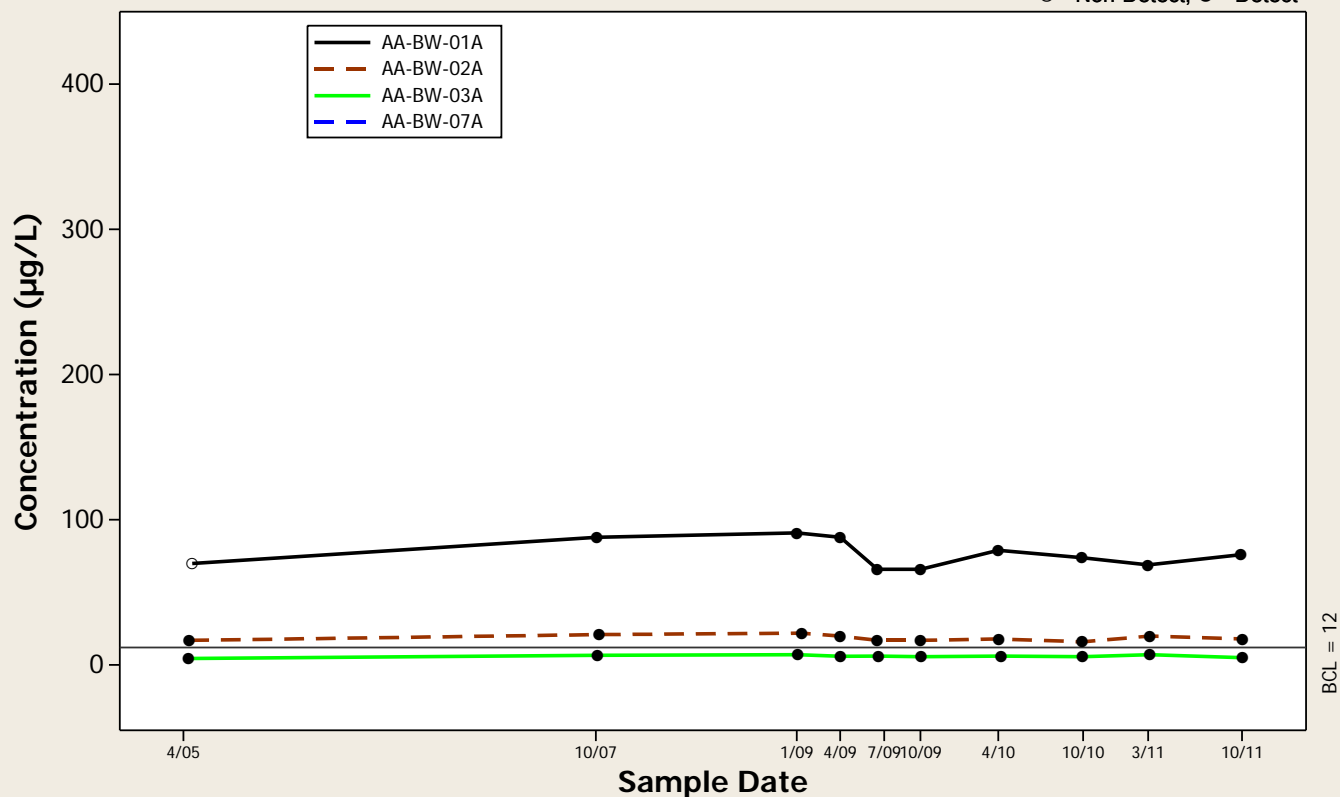
Analyte = 1,1-Dichloroethane

$$\text{BCL} = 12$$


Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = 1,1-Dichloroethane

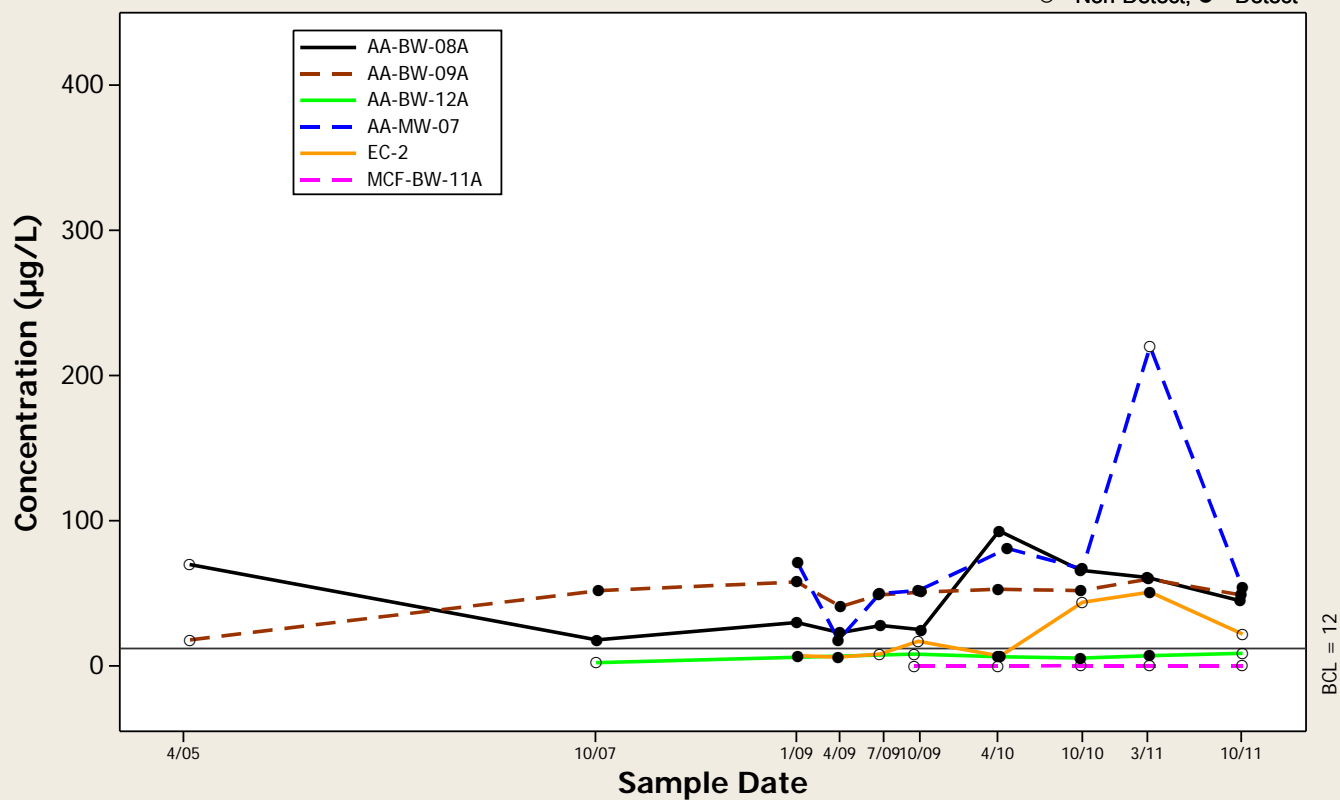
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

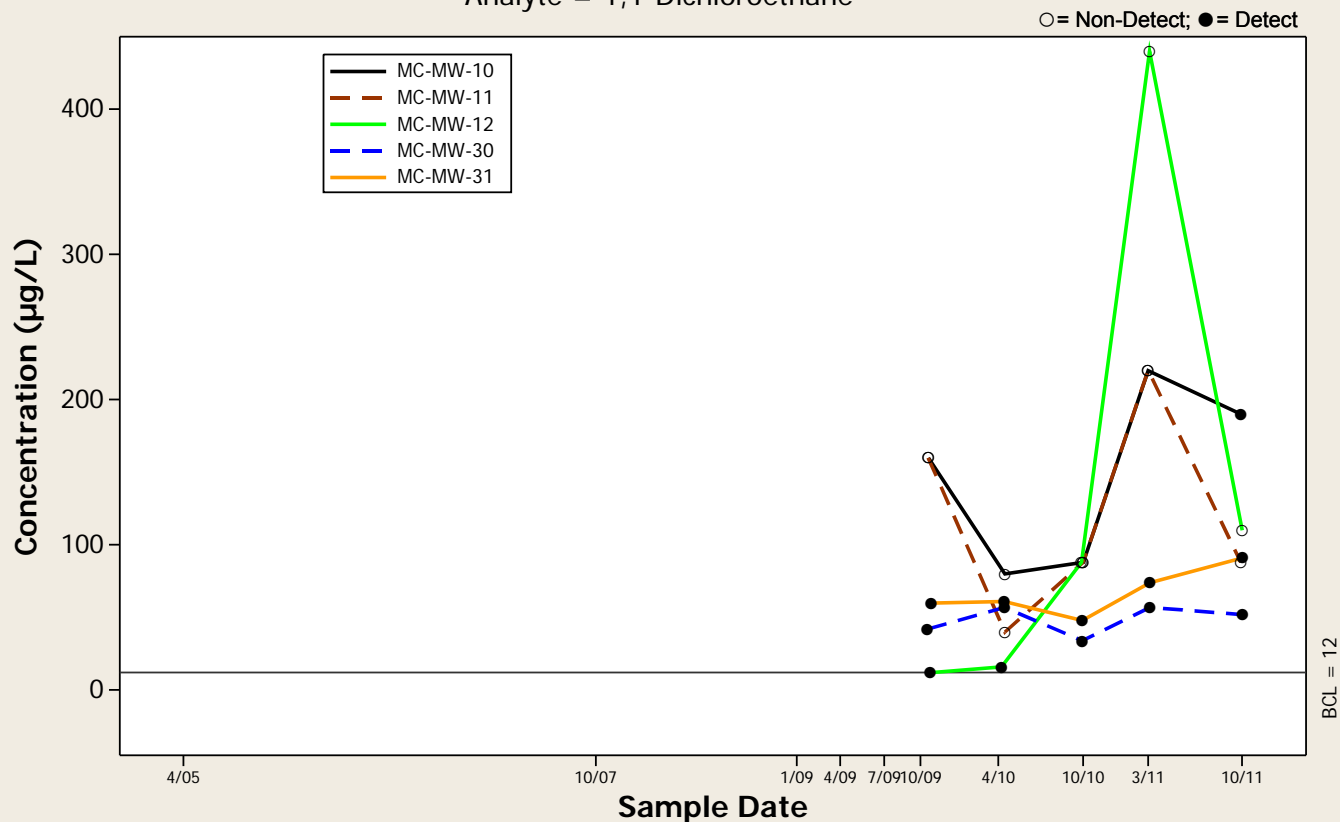
Analyte = 1,1-Dichloroethane

○ = Non-Detect; ● = Detect



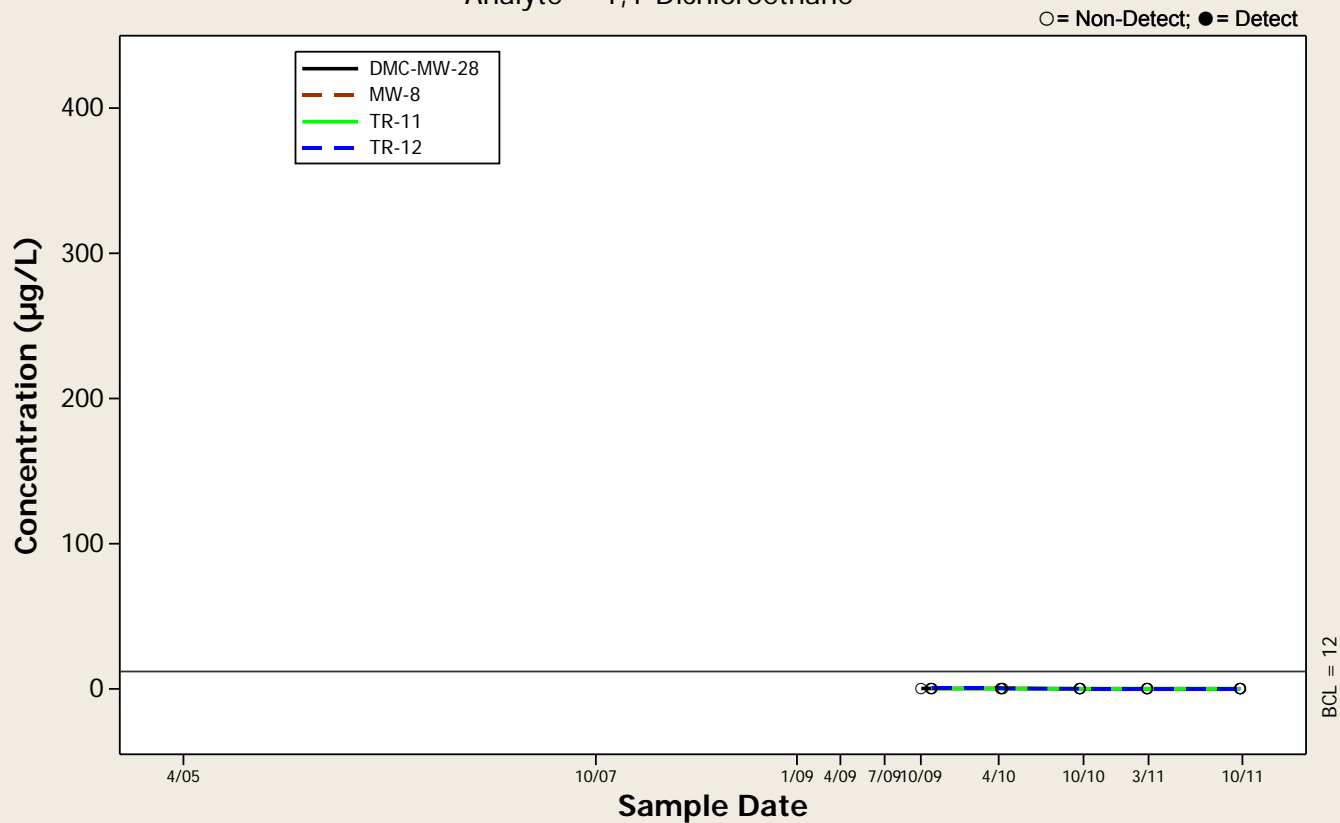
Concentration Trend Graph - Middle Zone Wells

Analyte = 1,1-Dichloroethane



Concentration Trend Graph - Deep Zone Wells

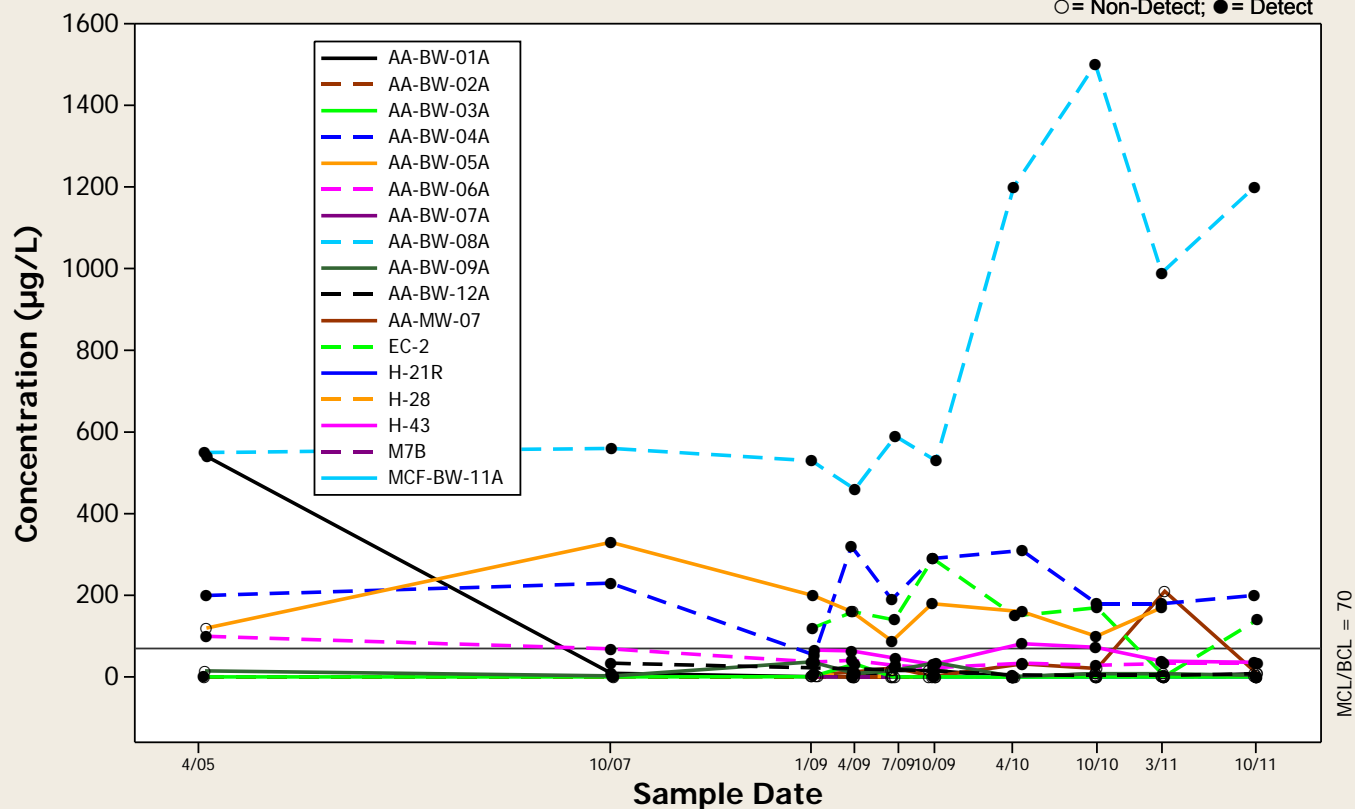
Analyte = 1,1-Dichloroethane



Concentration Trend Graph - All Shallow Zone Wells

Analyte = 1,2,4-Trichlorobenzene

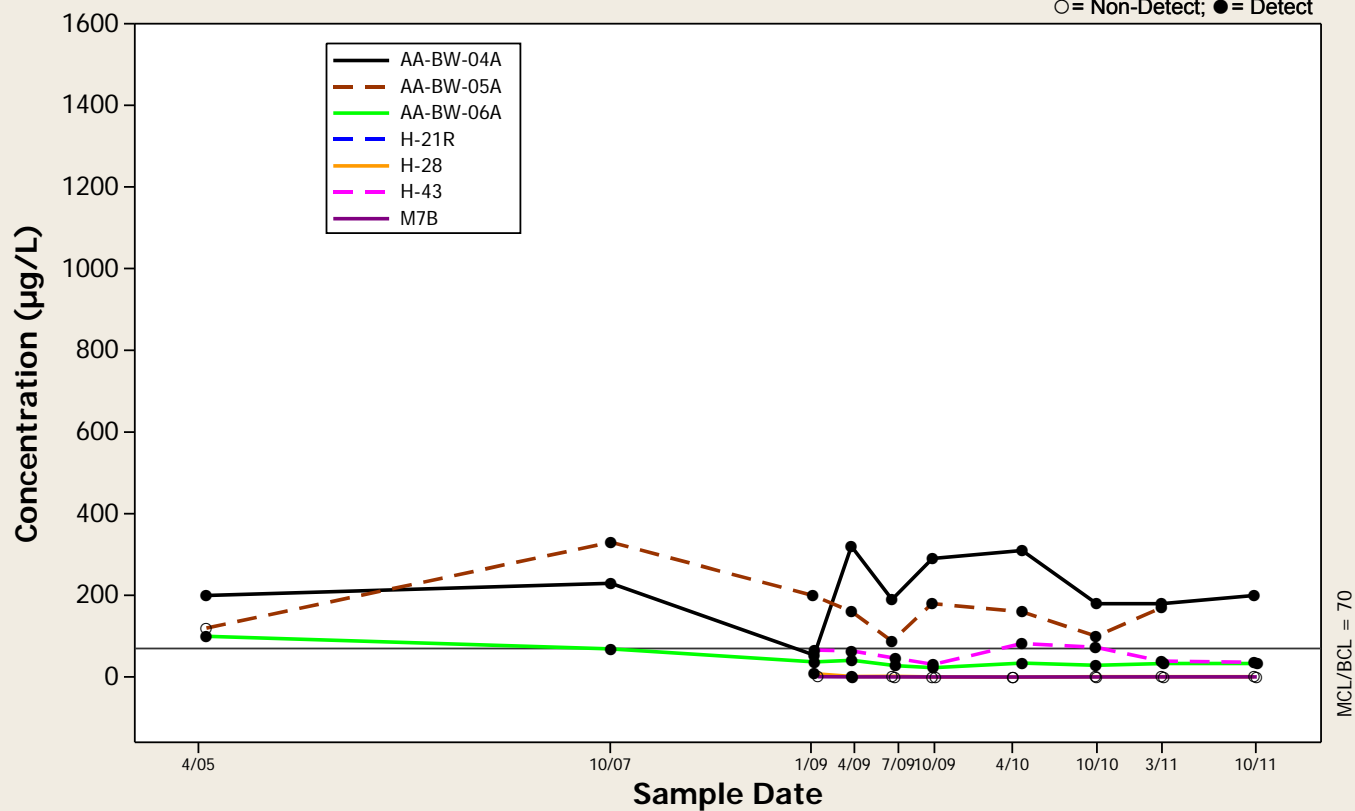
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = 1,2,4-Trichlorobenzene

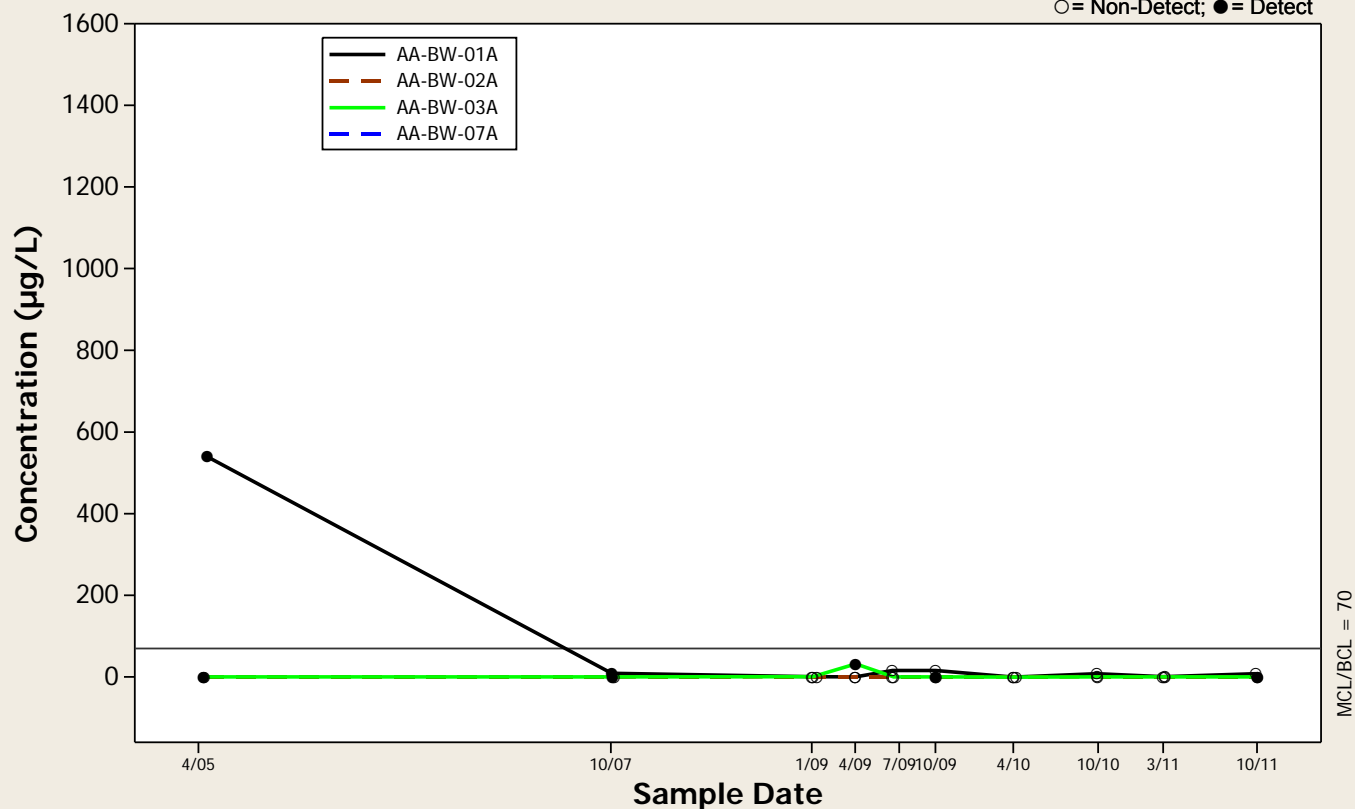
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = 1,2,4-Trichlorobenzene

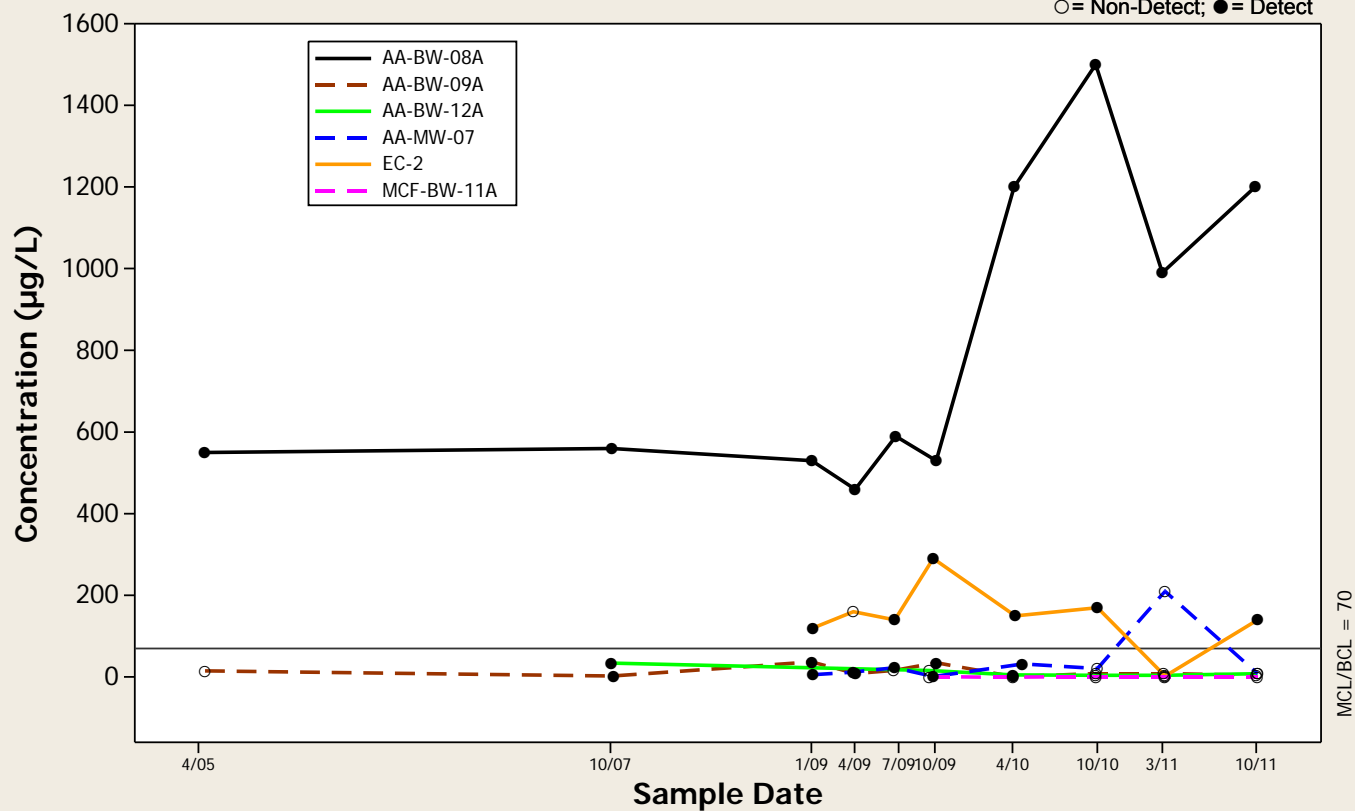
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = 1,2,4-Trichlorobenzene

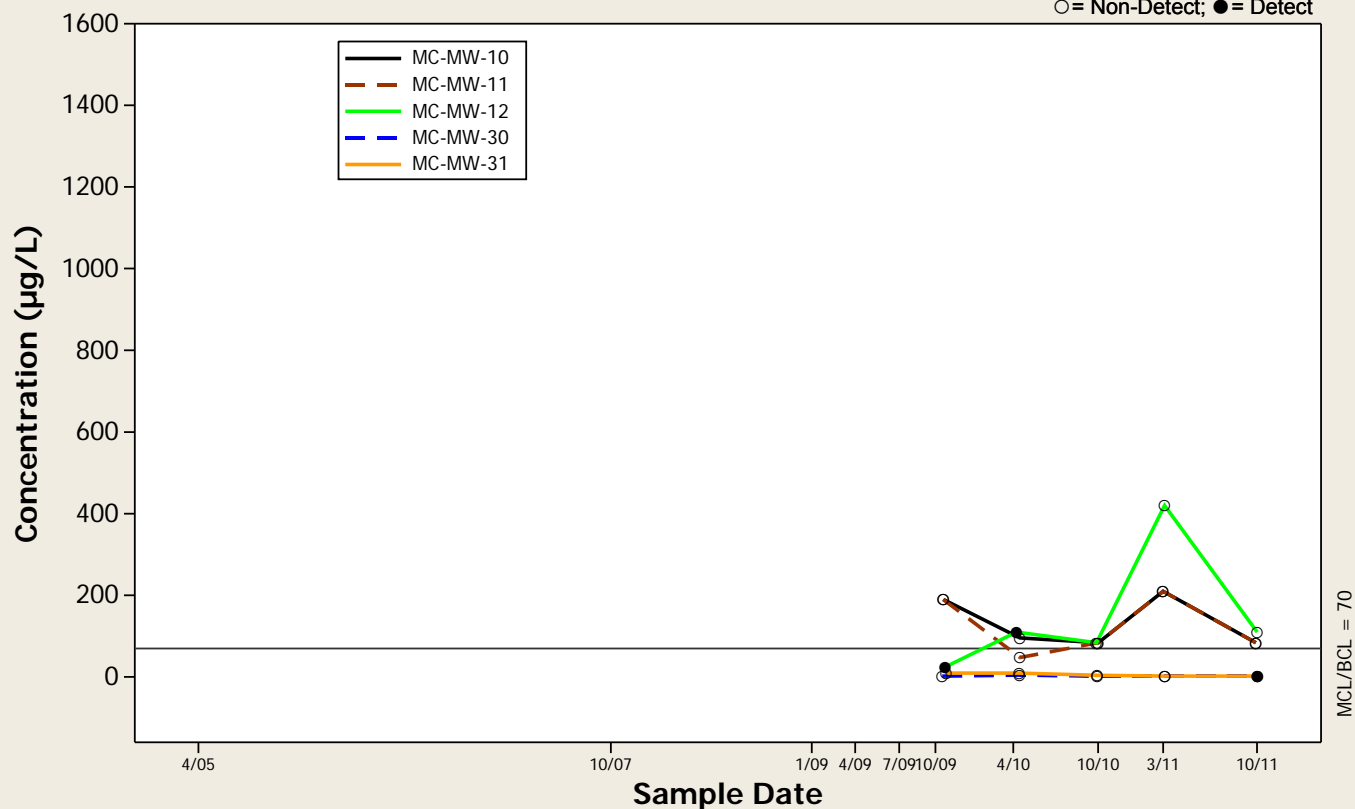
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Concentration Trend Graph - Middle Zone Wells

Analyte = 1,2,4-Trichlorobenzene

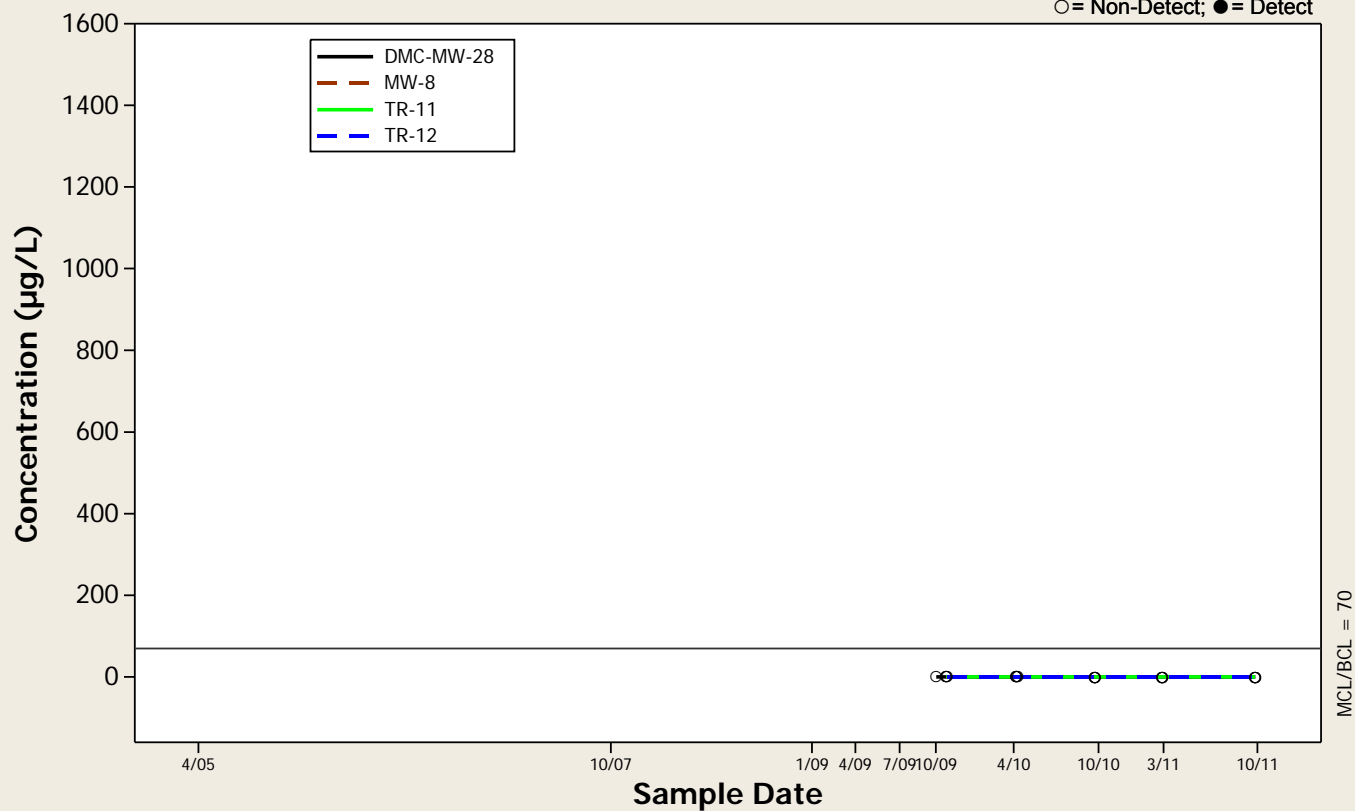
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Concentration Trend Graph - Deep Zone Wells

Analyte = 1,2,4-Trichlorobenzene

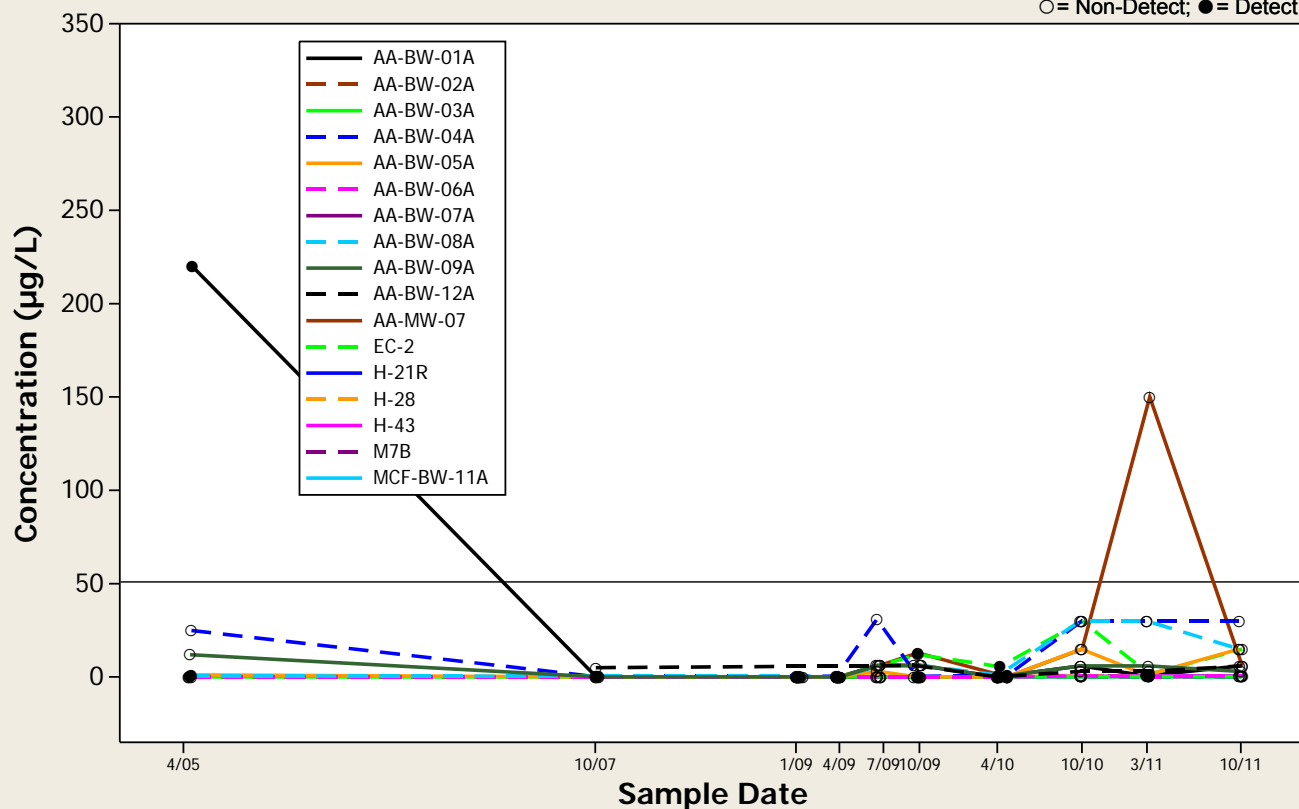
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = 1,2,4-Trimethylbenzene

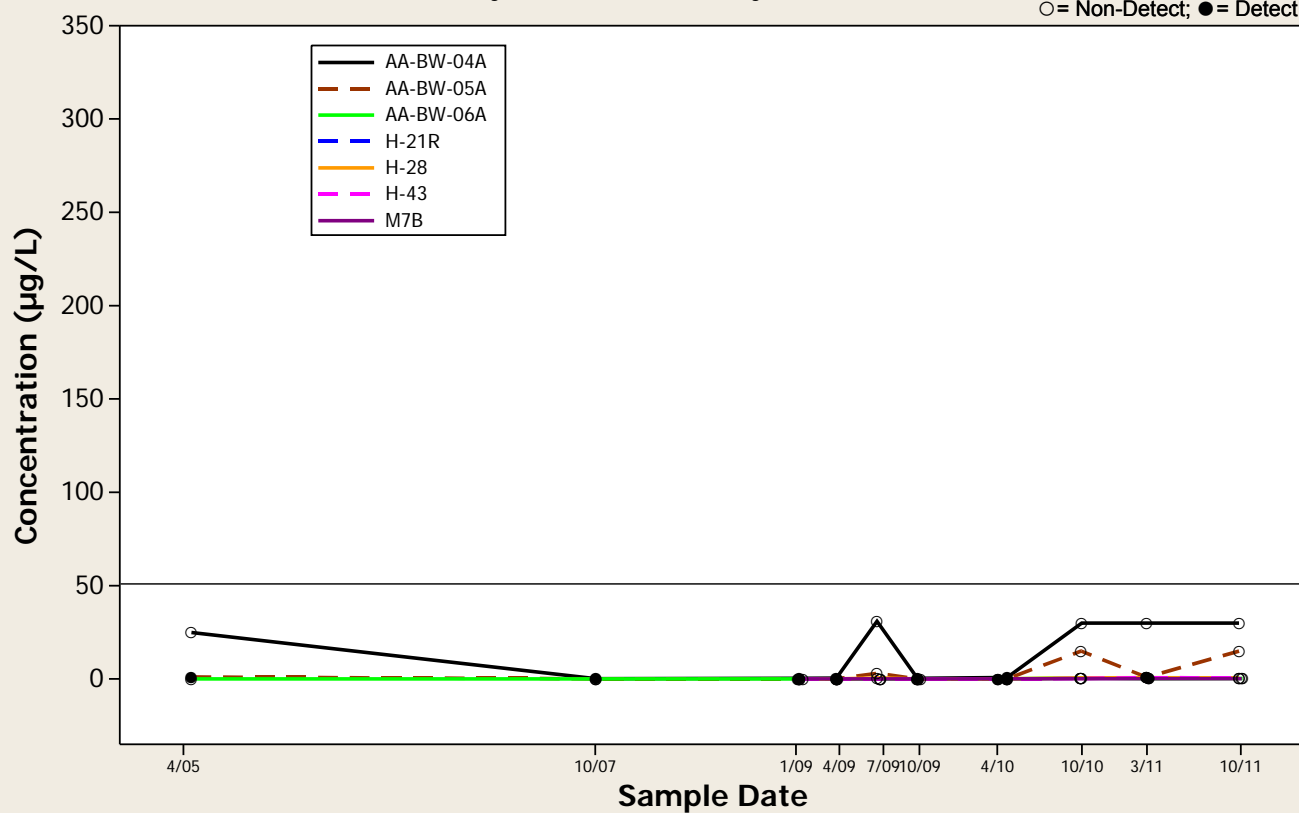
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Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = 1,2,4-Trimethylbenzene

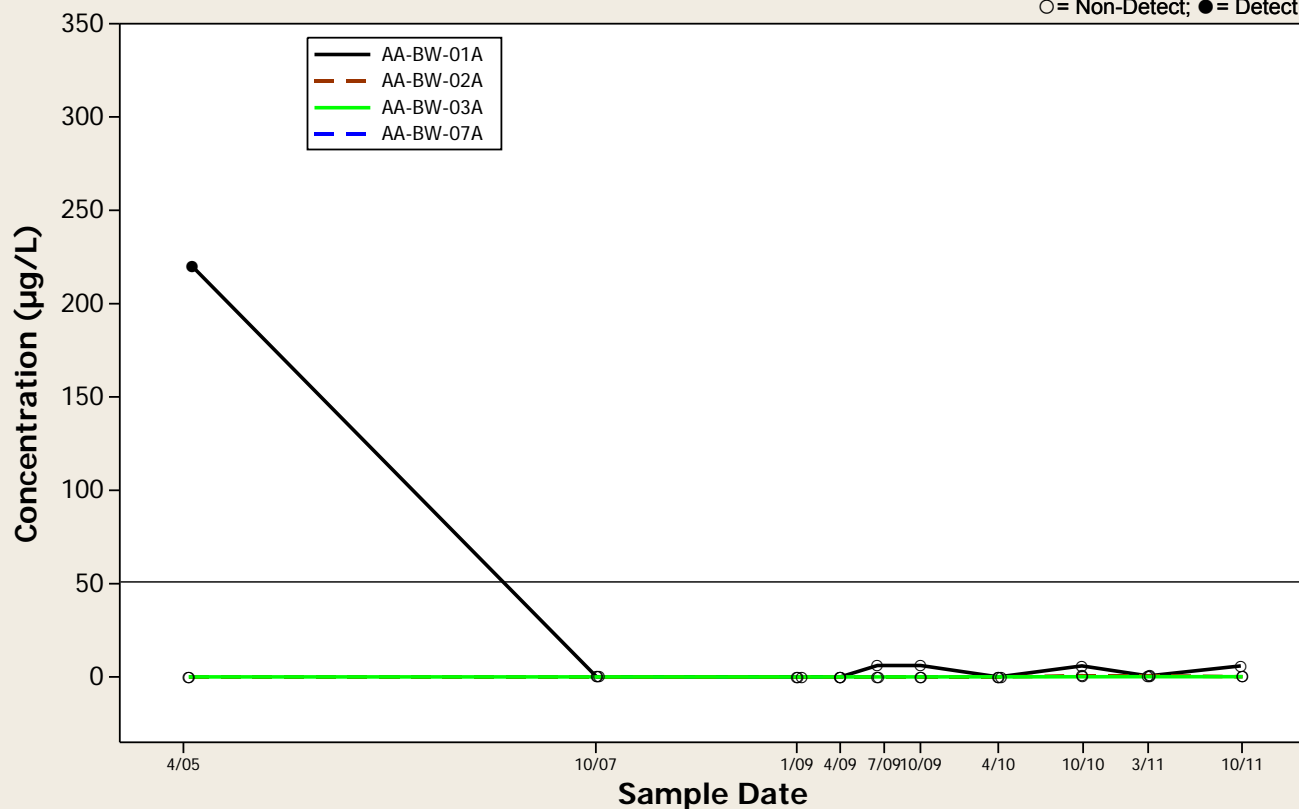
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Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = 1,2,4-Trimethylbenzene

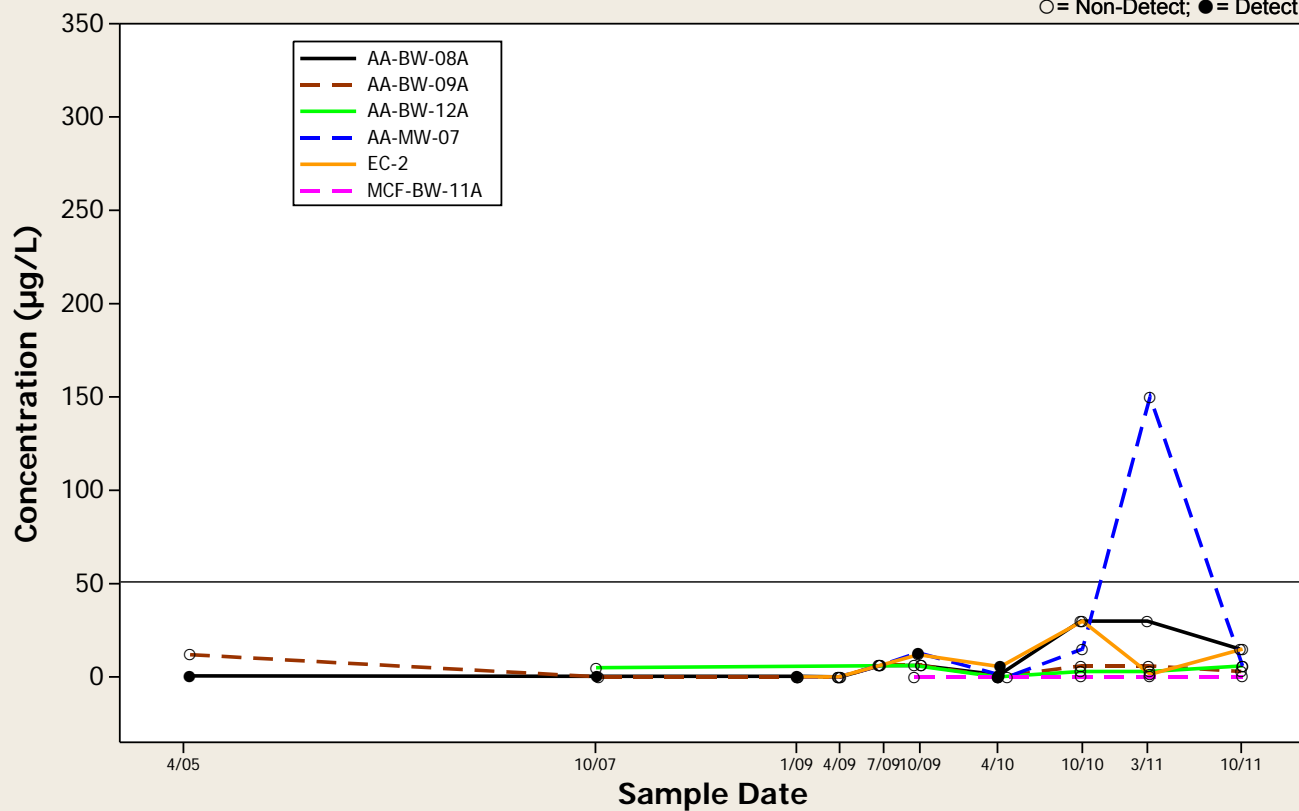
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

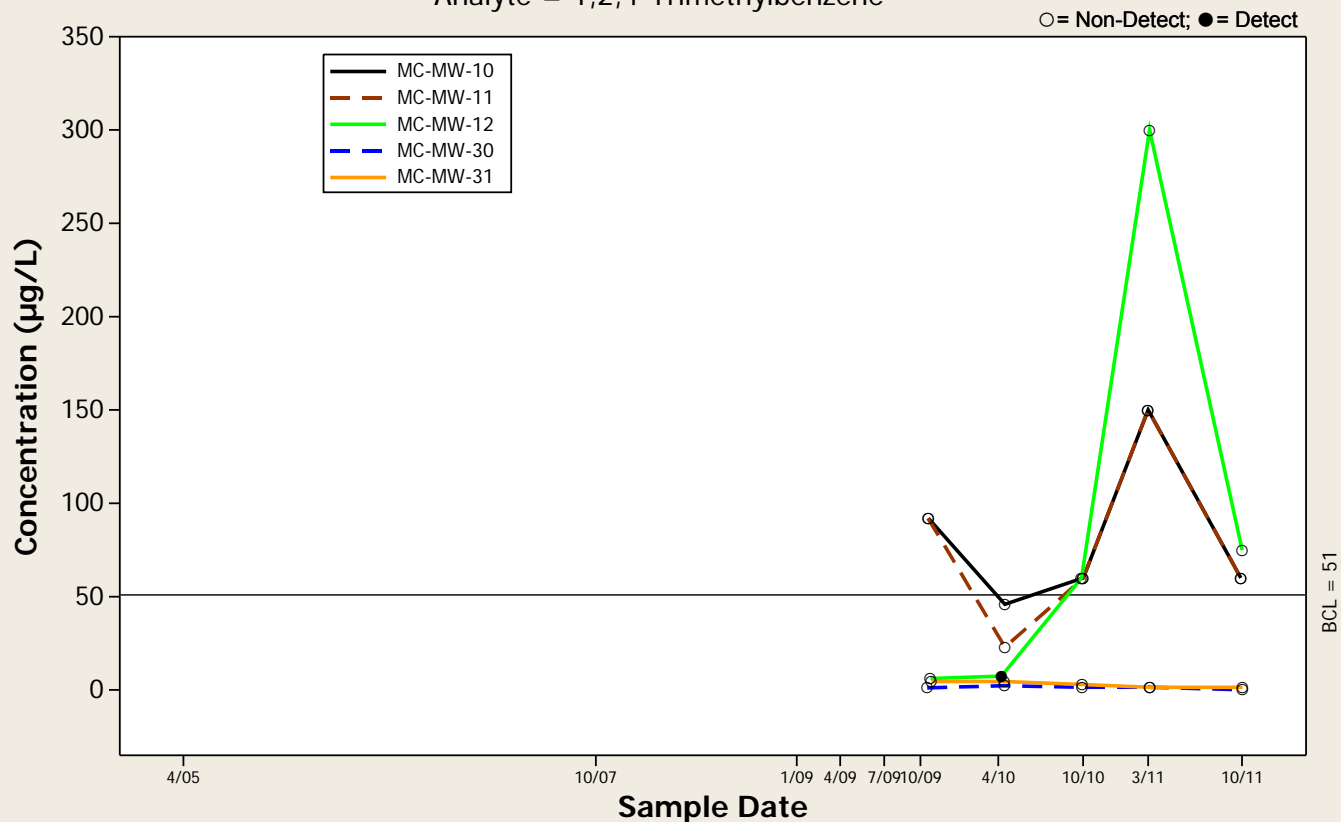
Analyte = 1,2,4-Trimethylbenzene

○ = Non-Detect; ● = Detect



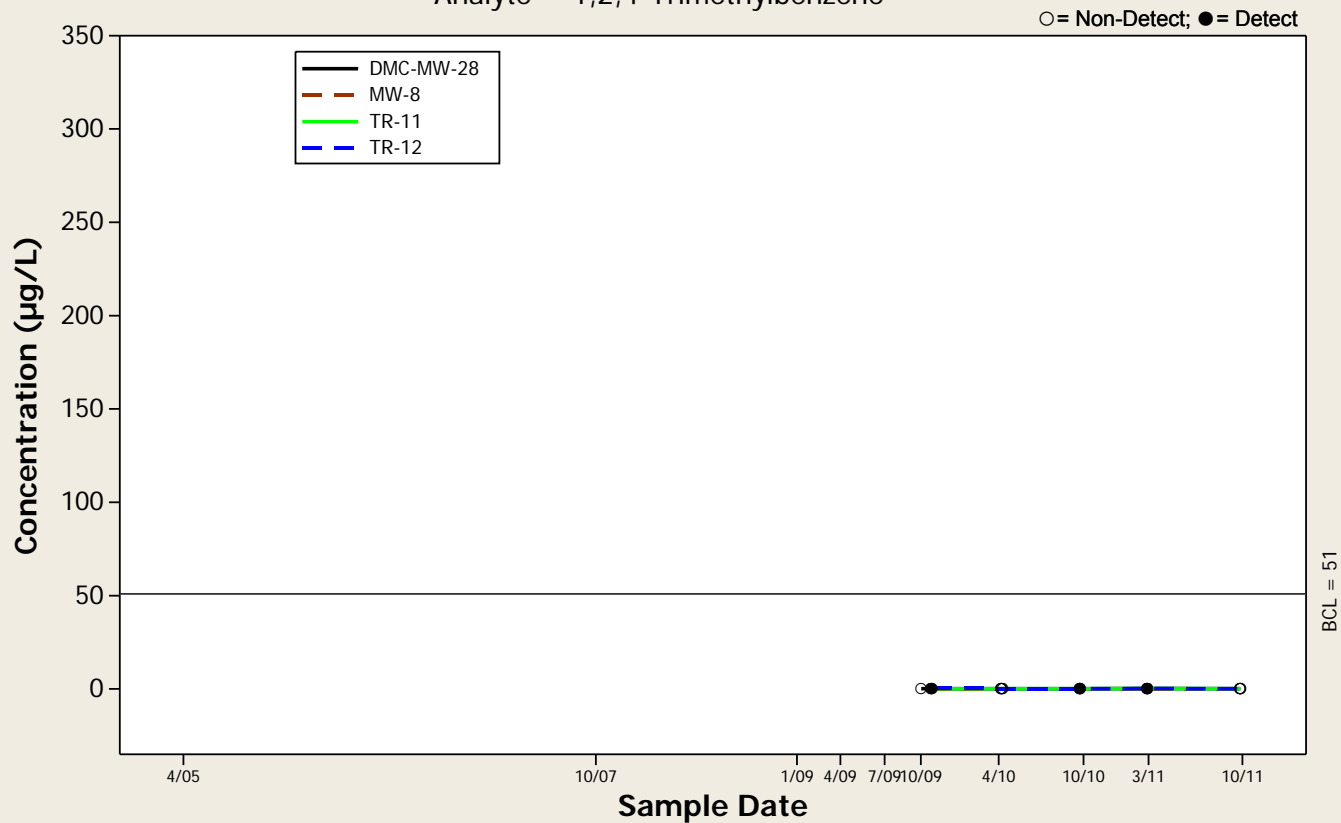
Concentration Trend Graph - Middle Zone Wells

Analyte = 1,2,4-Trimethylbenzene



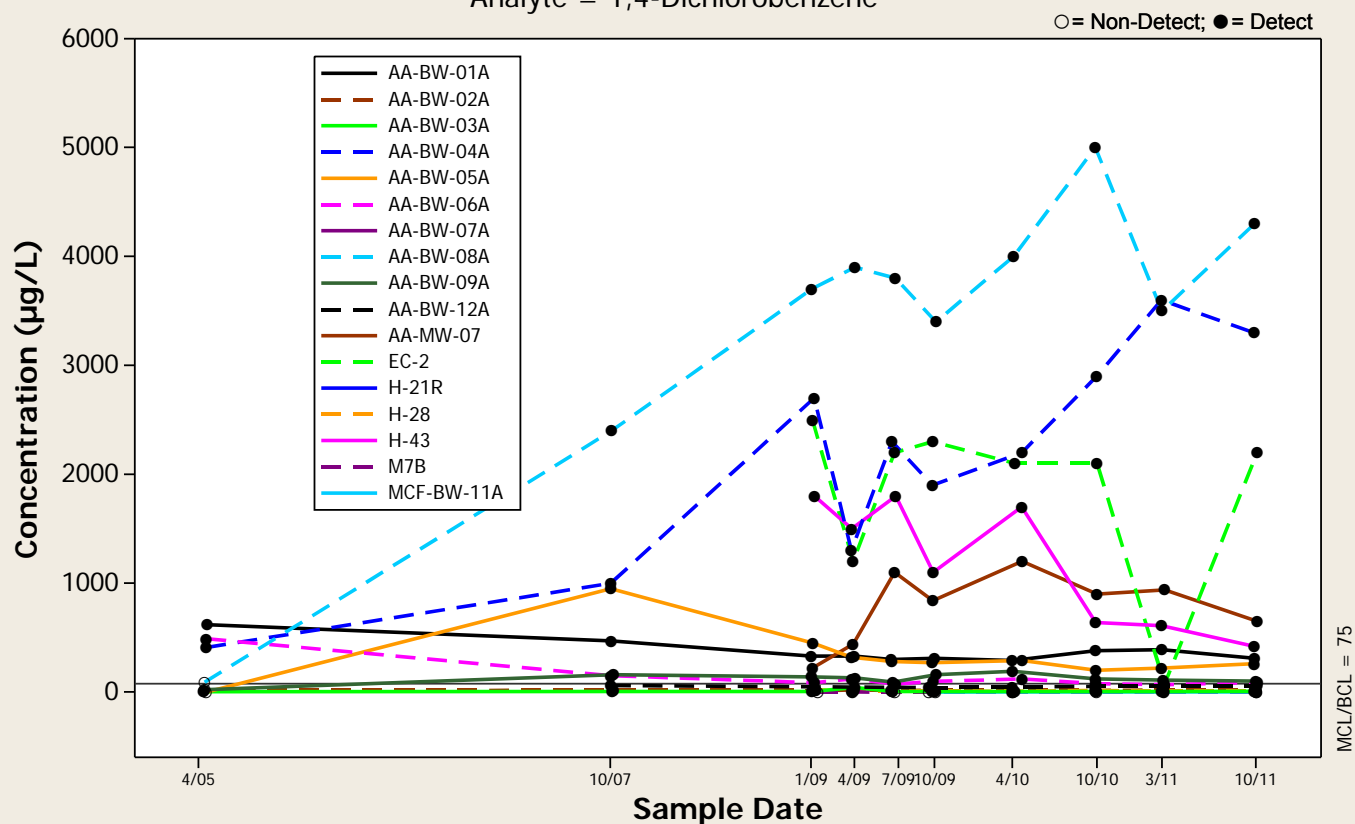
Concentration Trend Graph - Deep Zone Wells

Analyte = 1,2,4-Trimethylbenzene



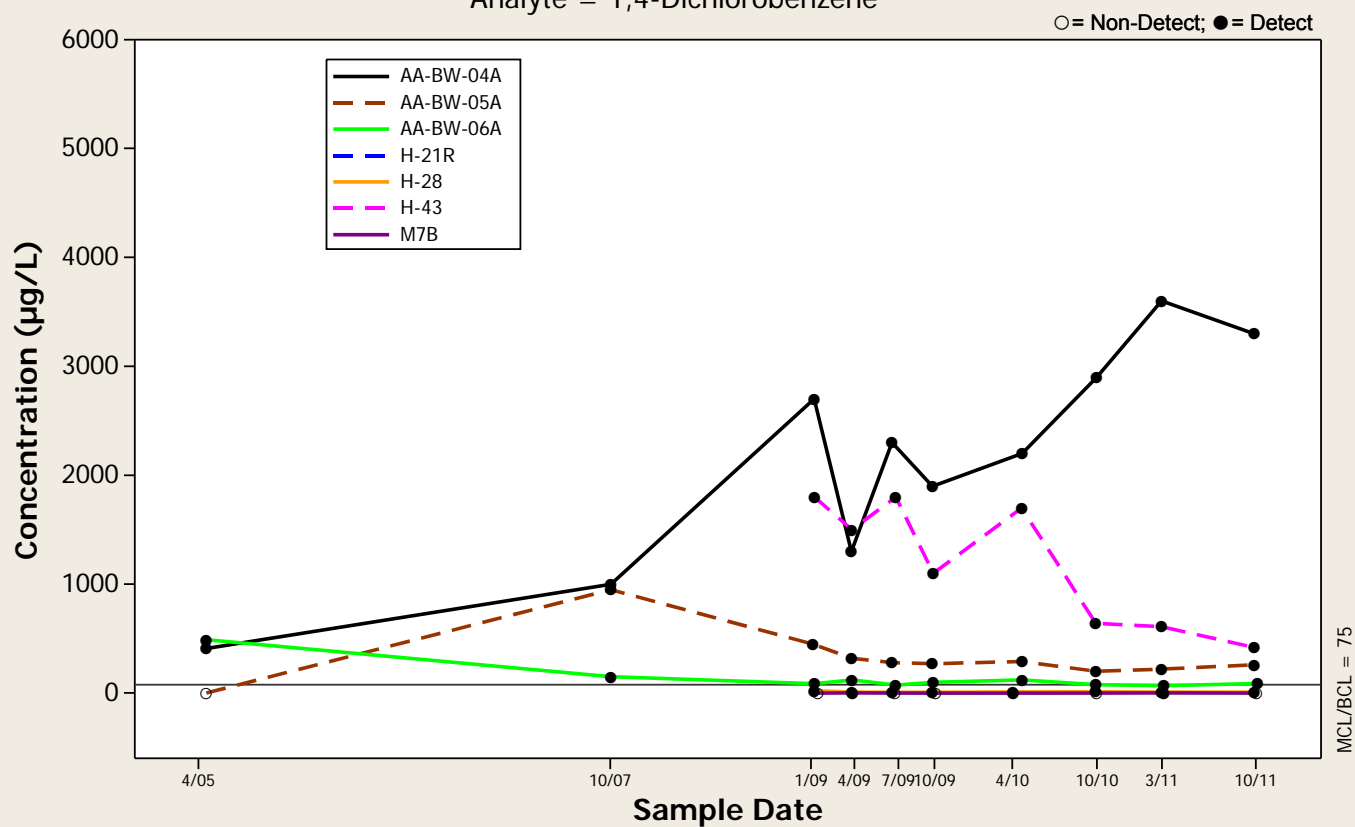
Concentration Trend Graph - All Shallow Zone Wells

Analyte = 1,4-Dichlorobenzene



Concentration Trend Graph - Downgradient Shallow Zone Wells

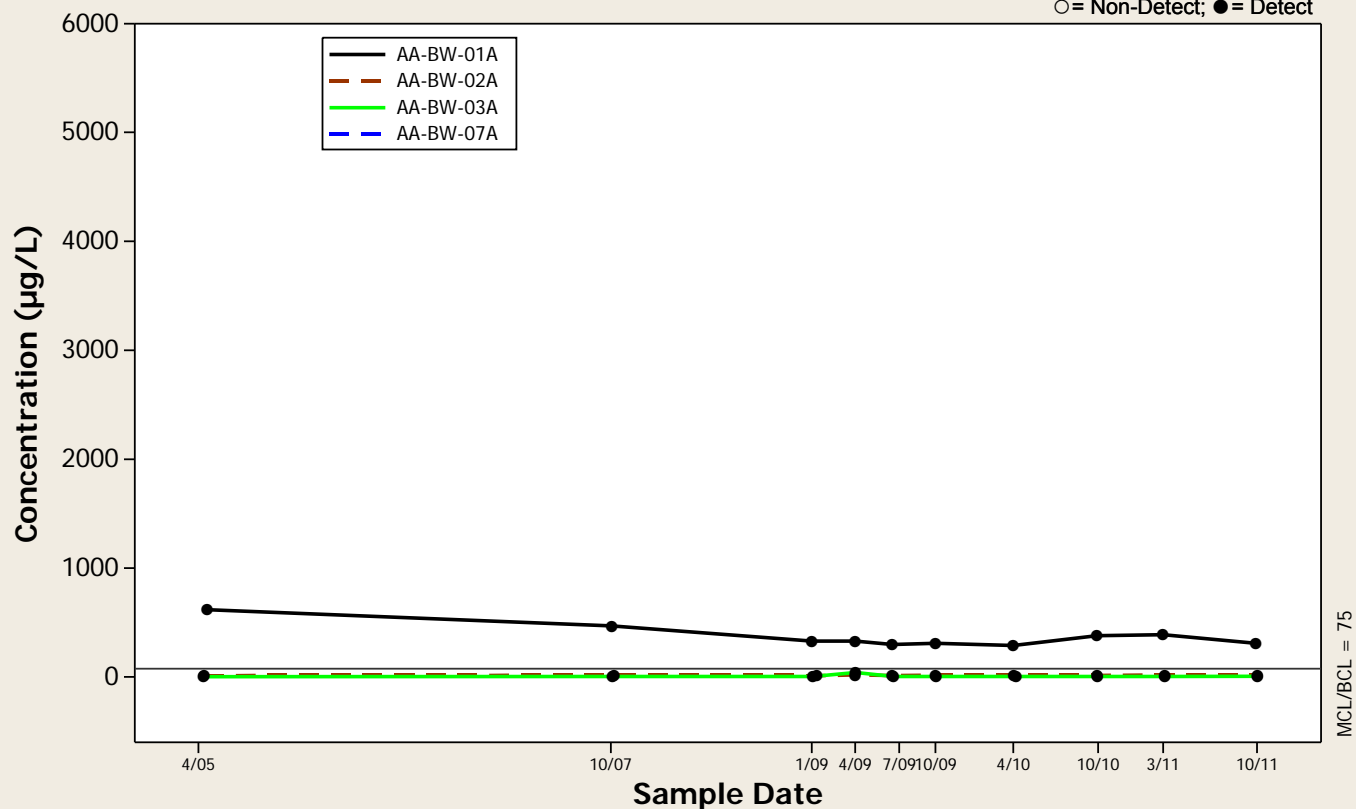
Analyte = 1,4-Dichlorobenzene



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = 1,4-Dichlorobenzene

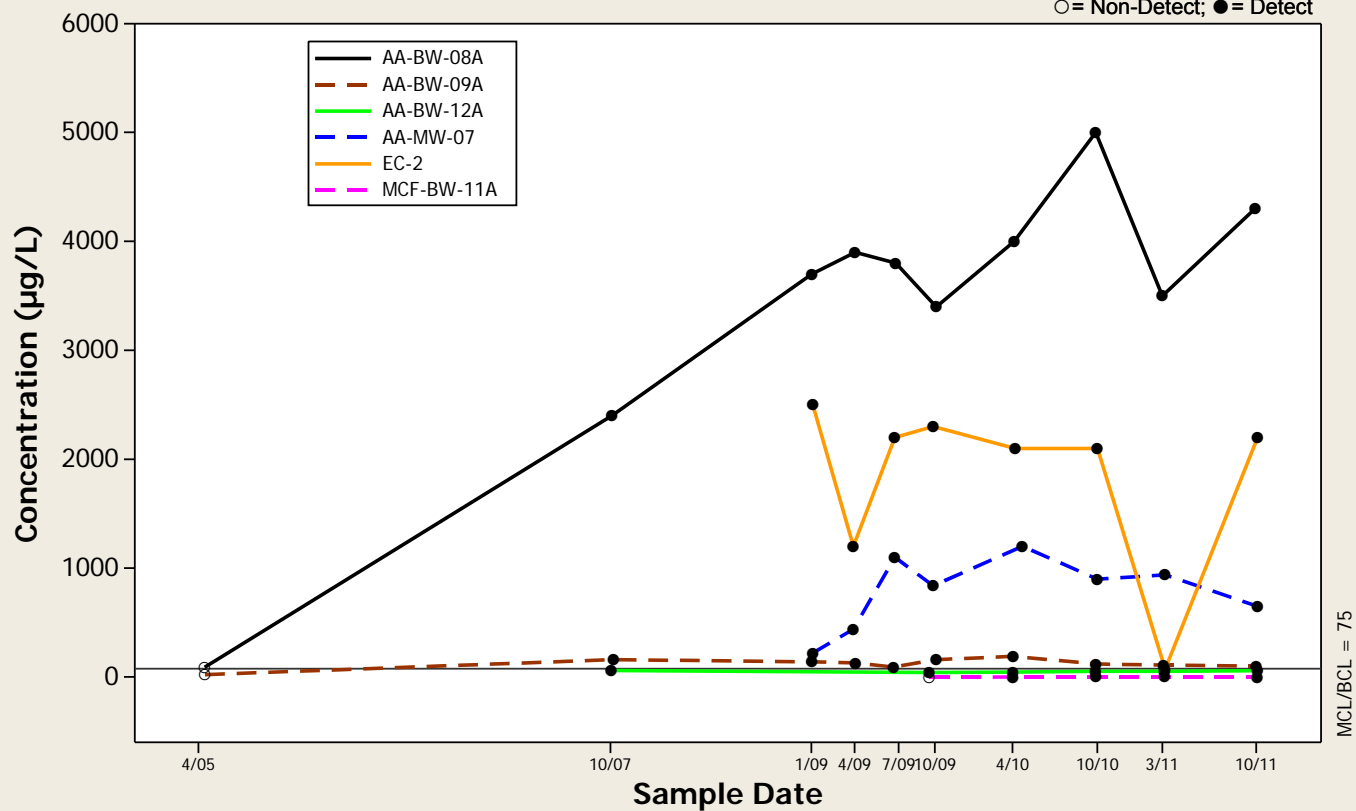
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

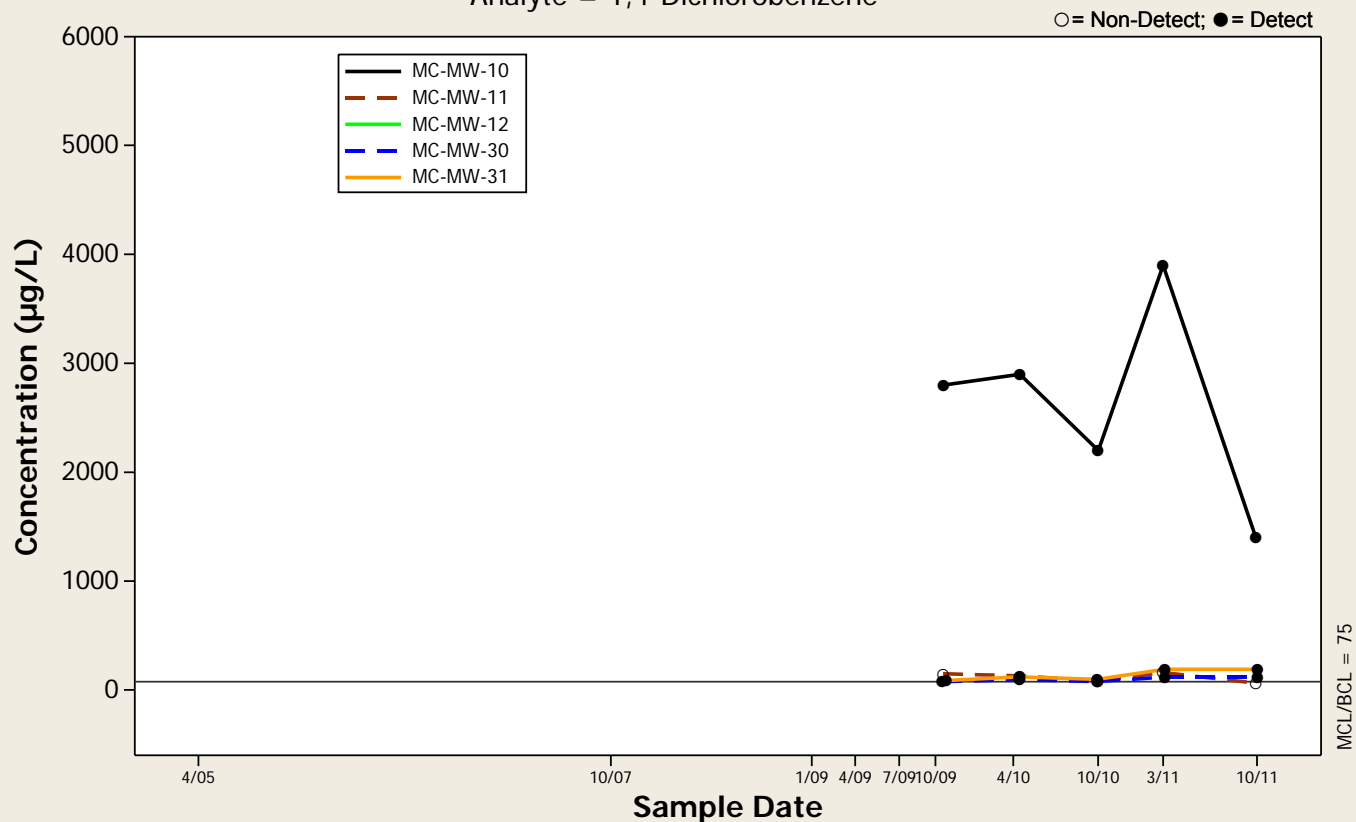
Analyte = 1,4-Dichlorobenzene

○ = Non-Detect; ● = Detect



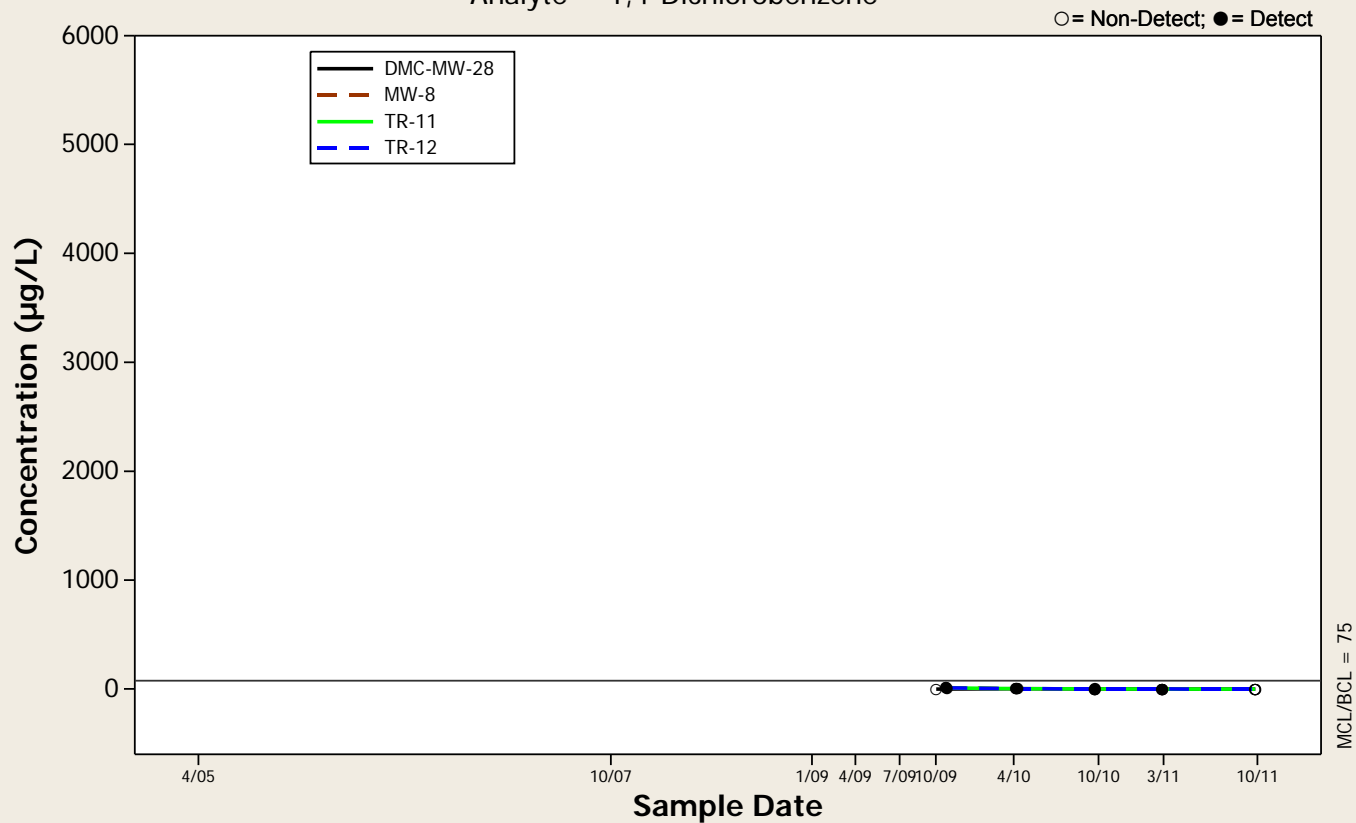
Concentration Trend Graph - Middle Zone Wells

Analyte = 1,4-Dichlorobenzene



Concentration Trend Graph - Deep Zone Wells

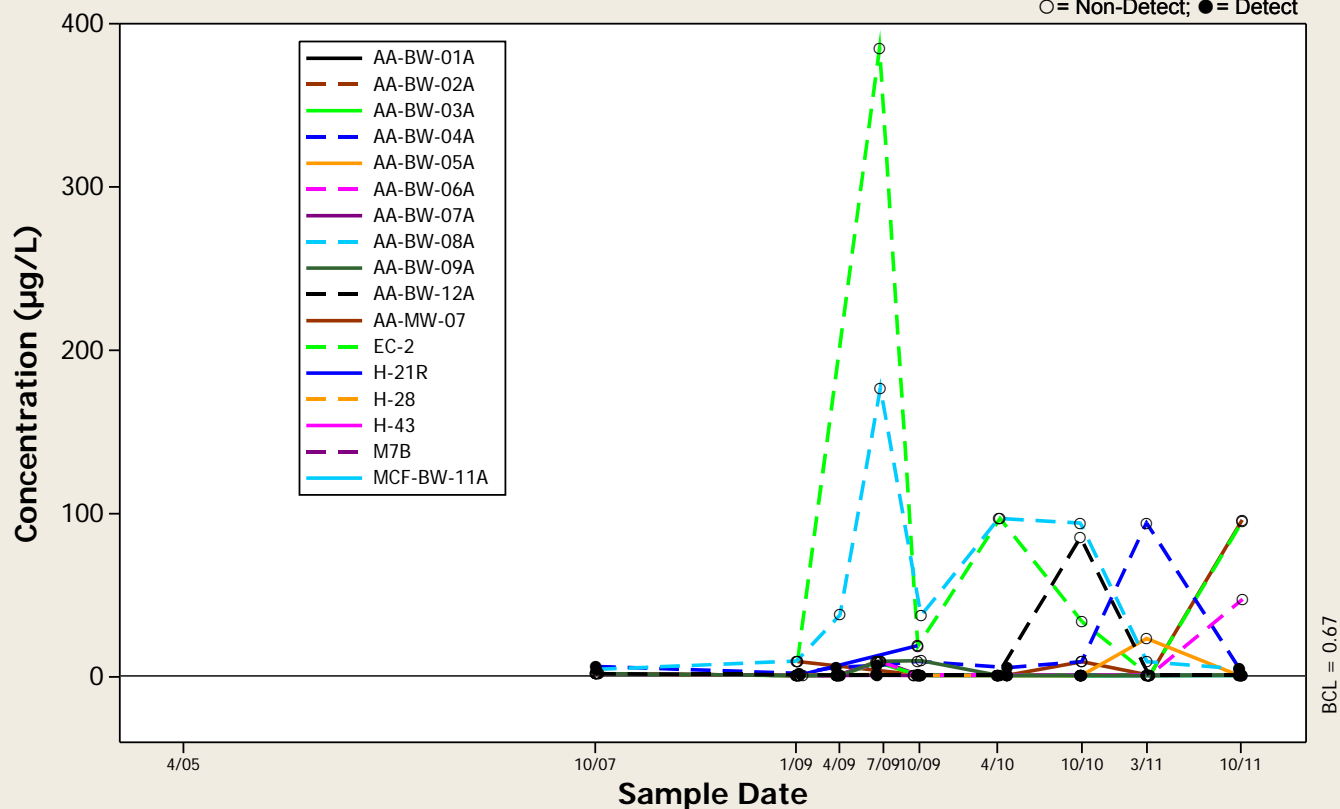
Analyte = 1,4-Dichlorobenzene



Concentration Trend Graph - All Shallow Zone Wells

Analyte = 1,4-Dioxane

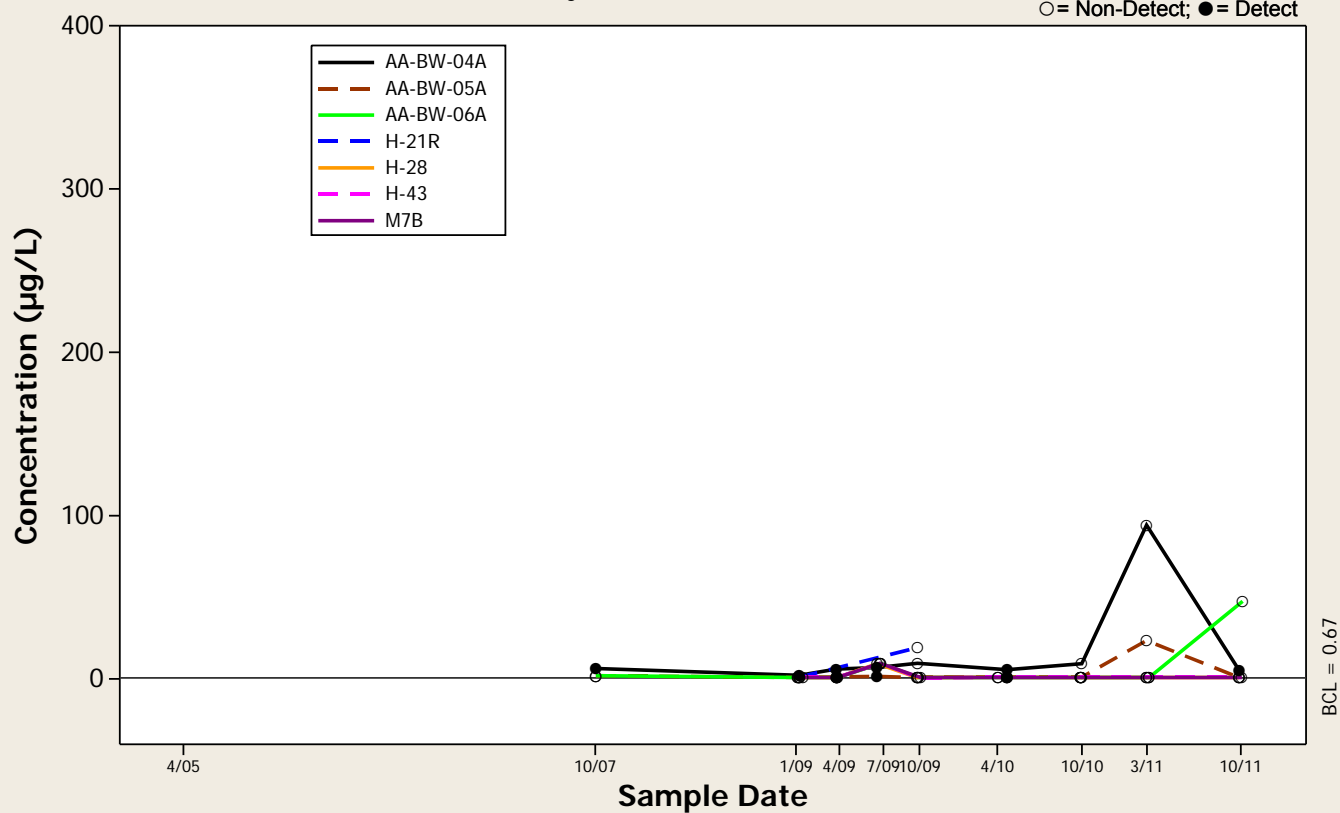
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = 1,4-Dioxane

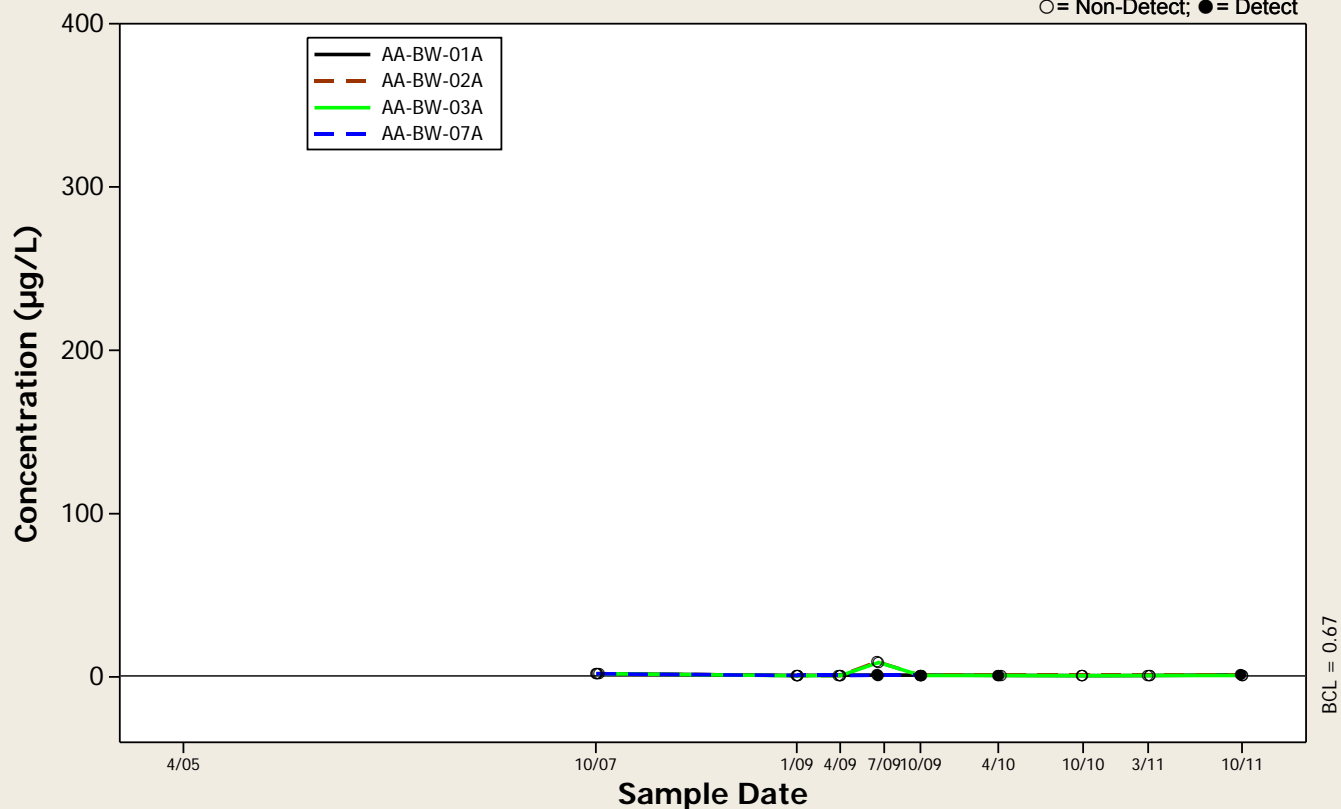
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = 1,4-Dioxane

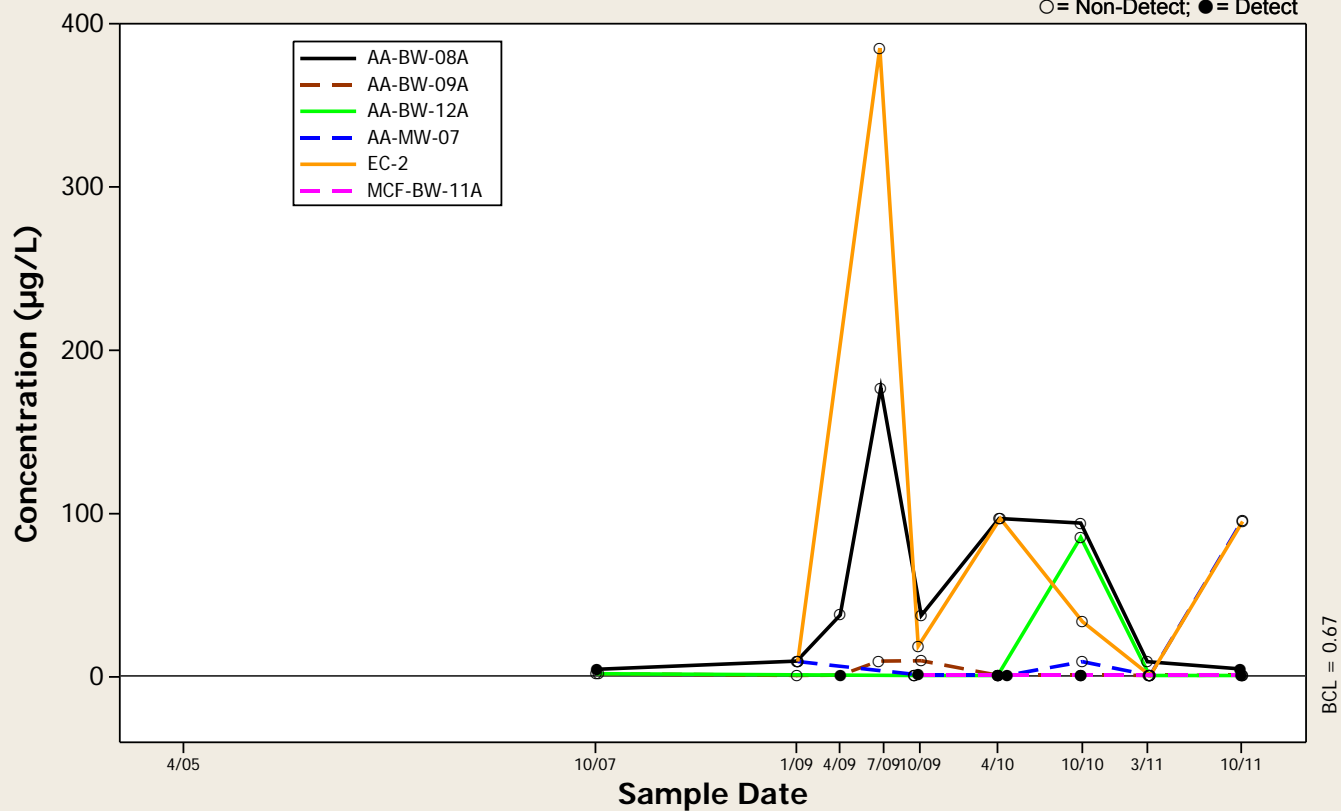
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = 1,4-Dioxane

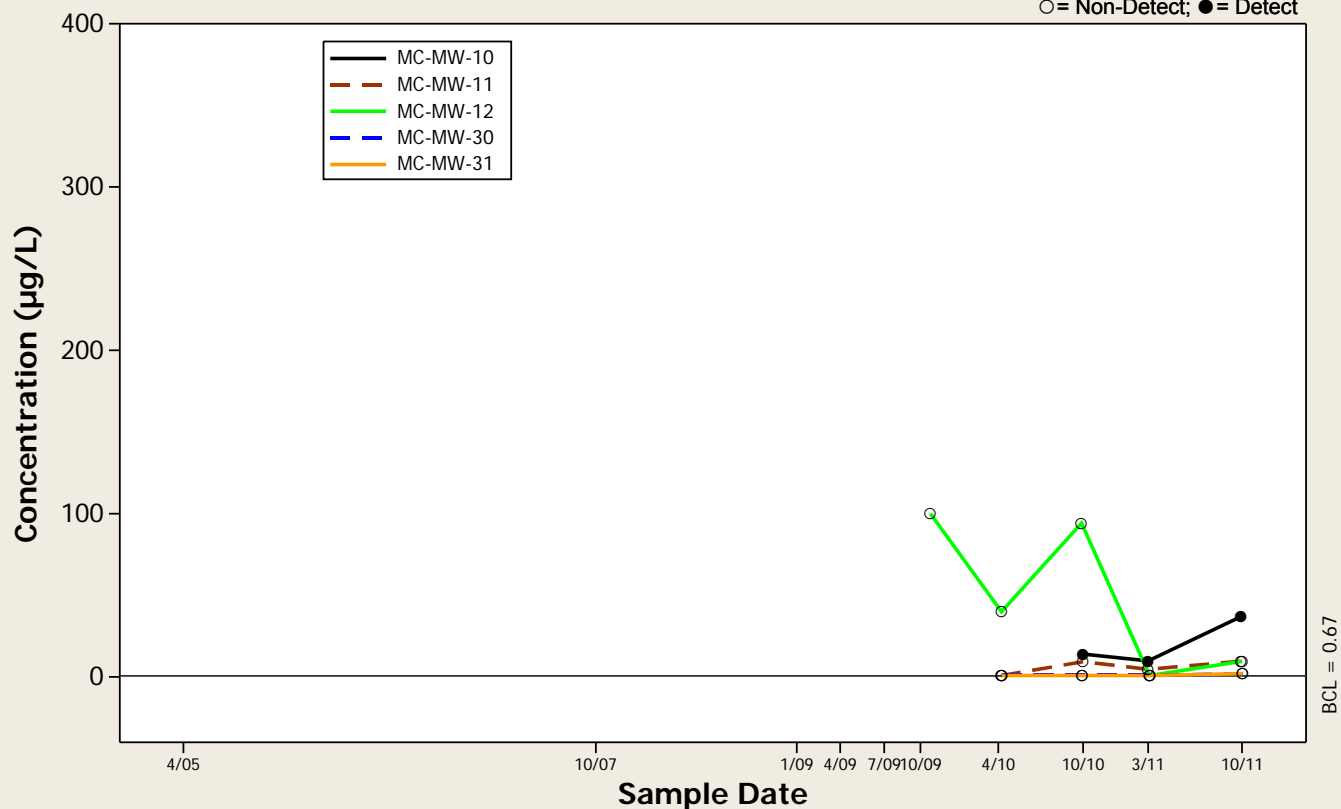
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = 1,4-Dioxane

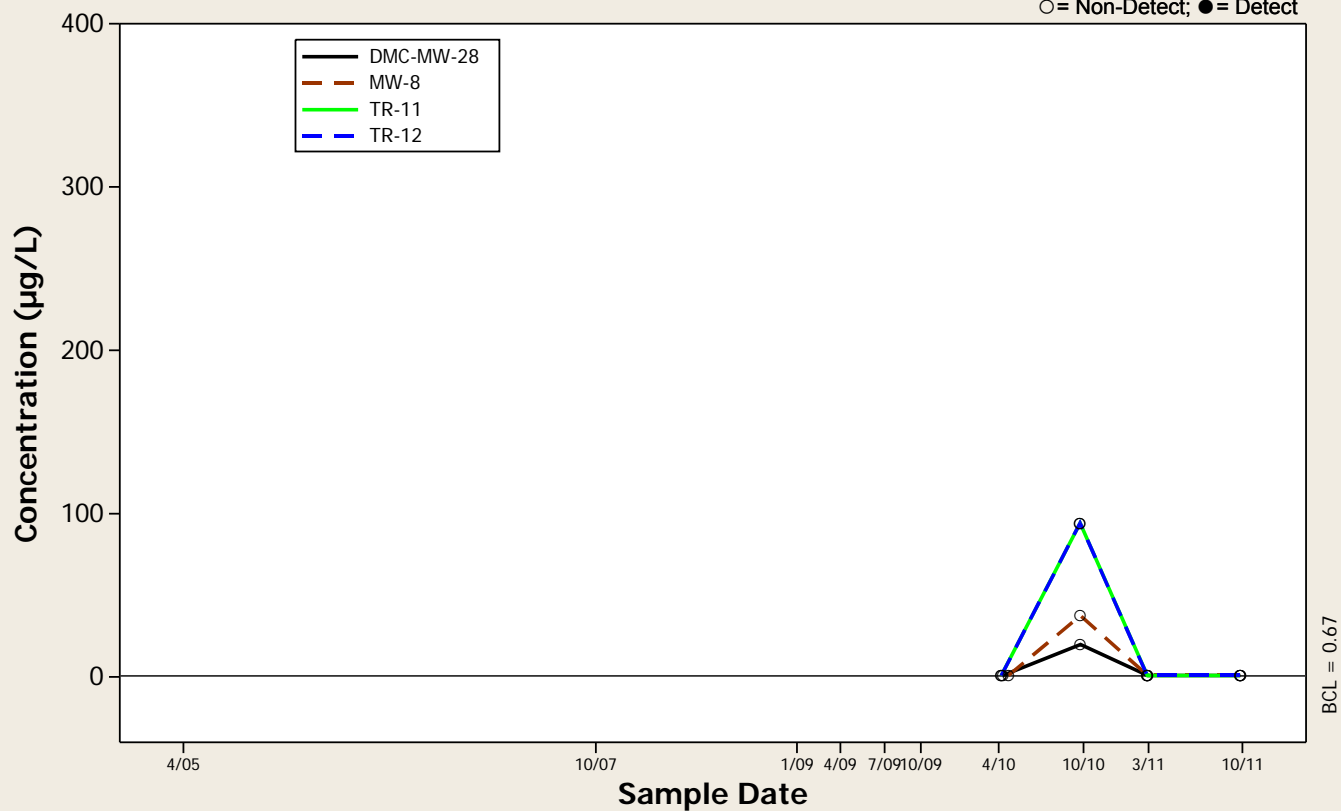
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = 1,4-Dioxane

○ = Non-Detect; ● = Detect



Analyte = 2,4'-DDE

[illegible]

Analyte = 2,4'-DDE

Concentration ($\mu\text{g/L}$)

Sample Date

BCL = 0.2

Legend:

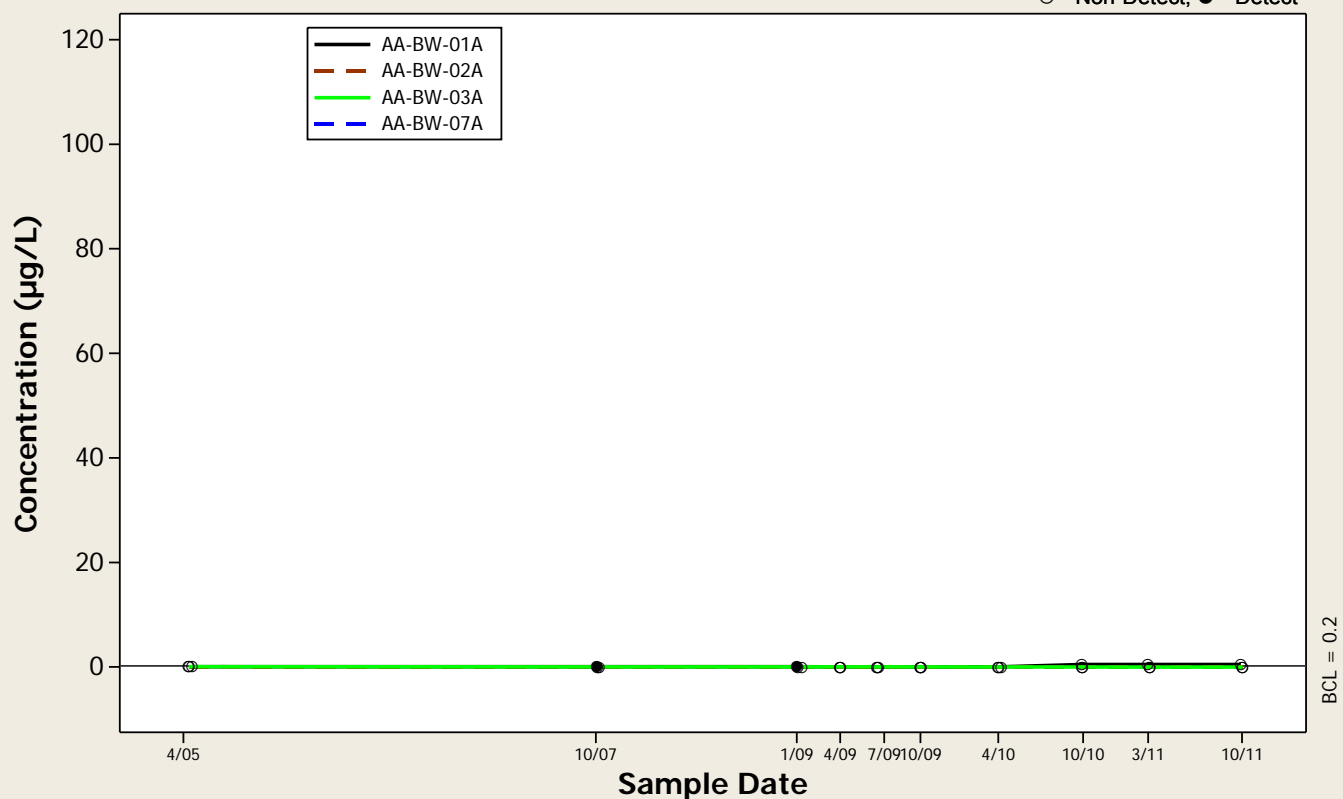
- AA-BW-04A
- AA-BW-05A
- AA-BW-06A
- H-21R
- H-28
- H-43
- M7B

Non-Detect, Detect

Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = 2,4'-DDE

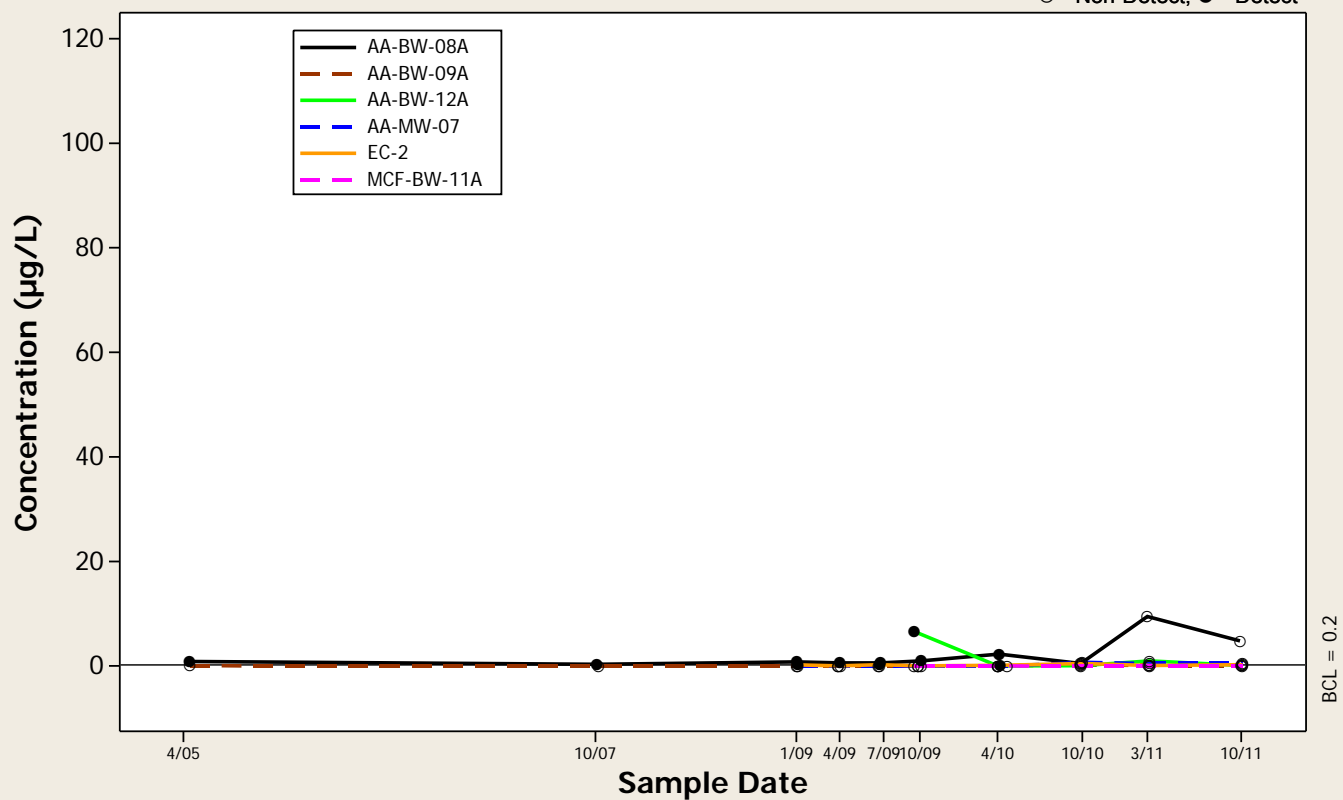
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

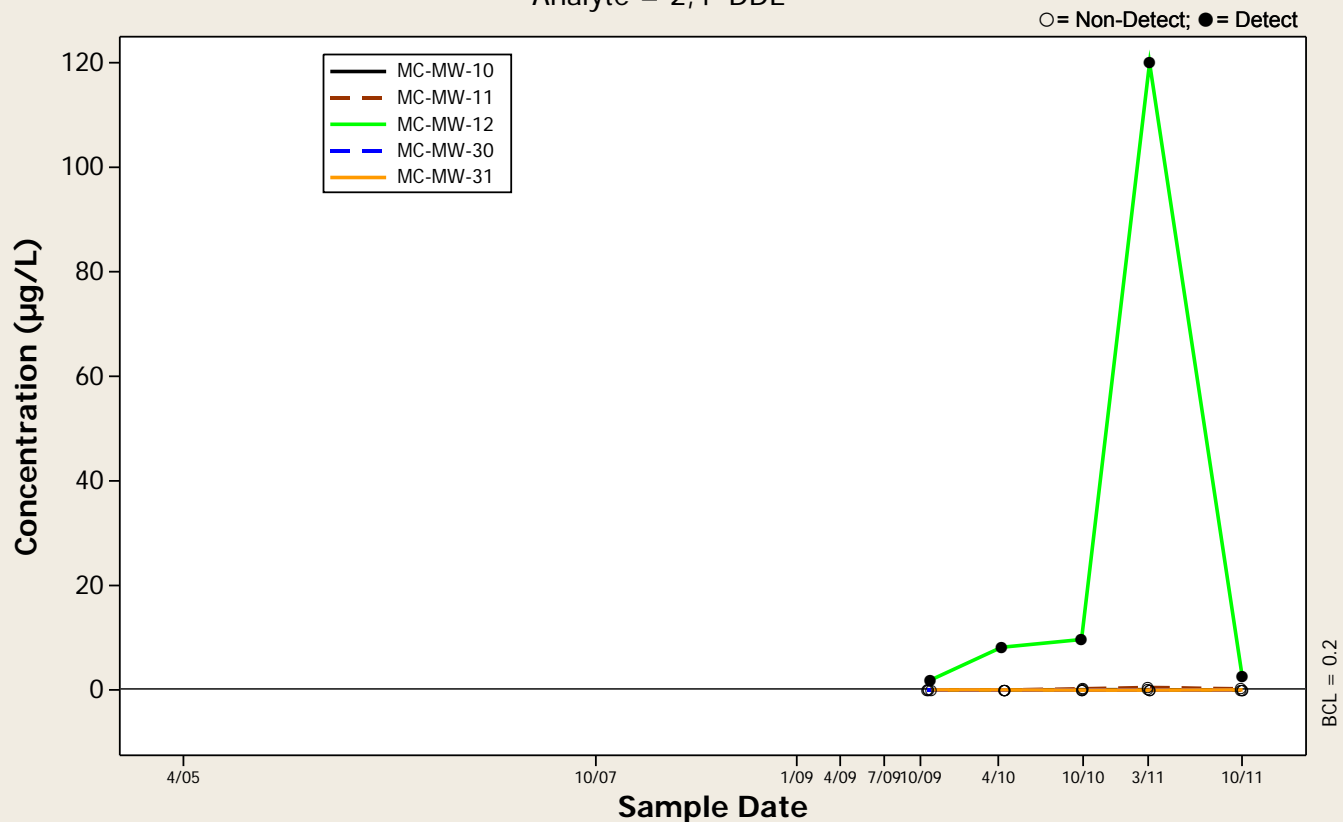
Analyte = 2,4'-DDE

○ = Non-Detect; ● = Detect



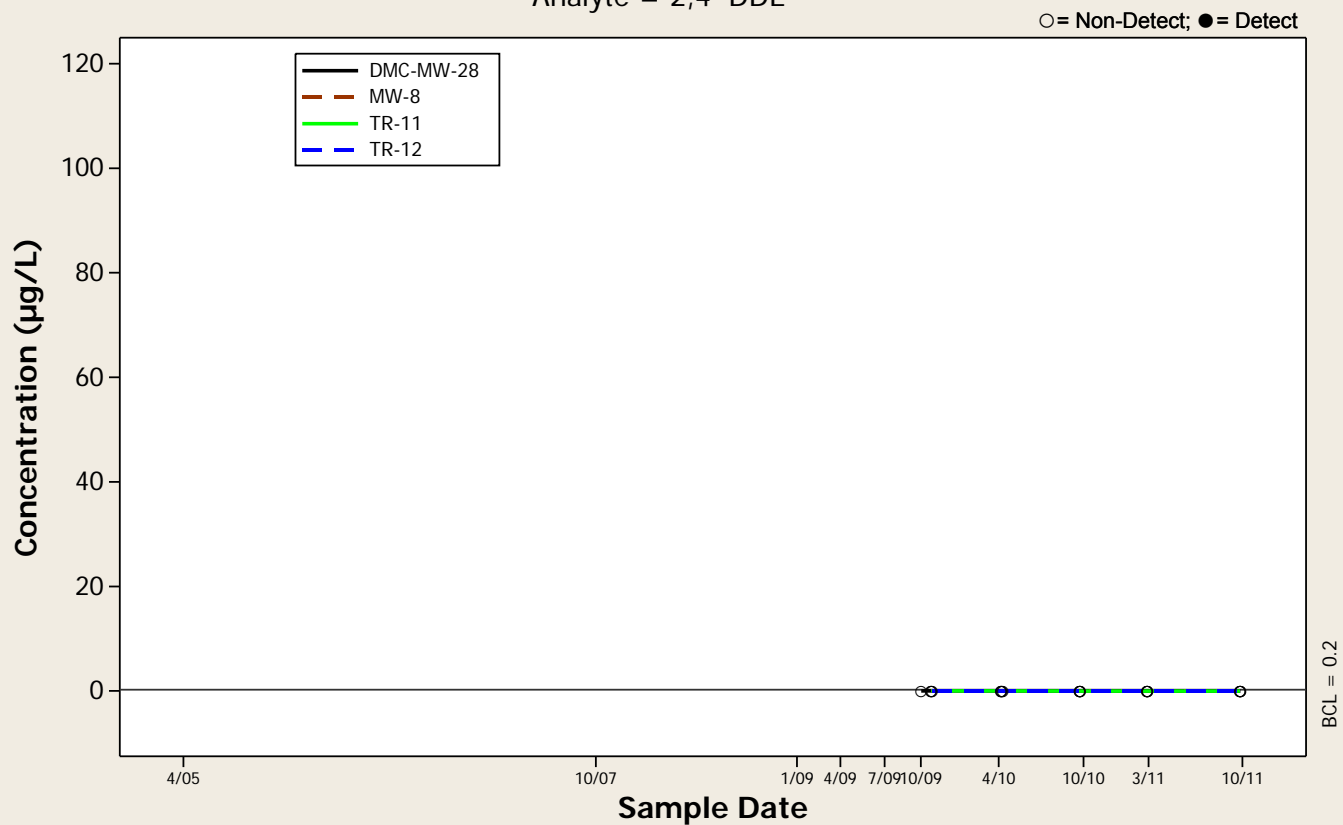
Concentration Trend Graph - Middle Zone Wells

Analyte = 2,4'-DDE

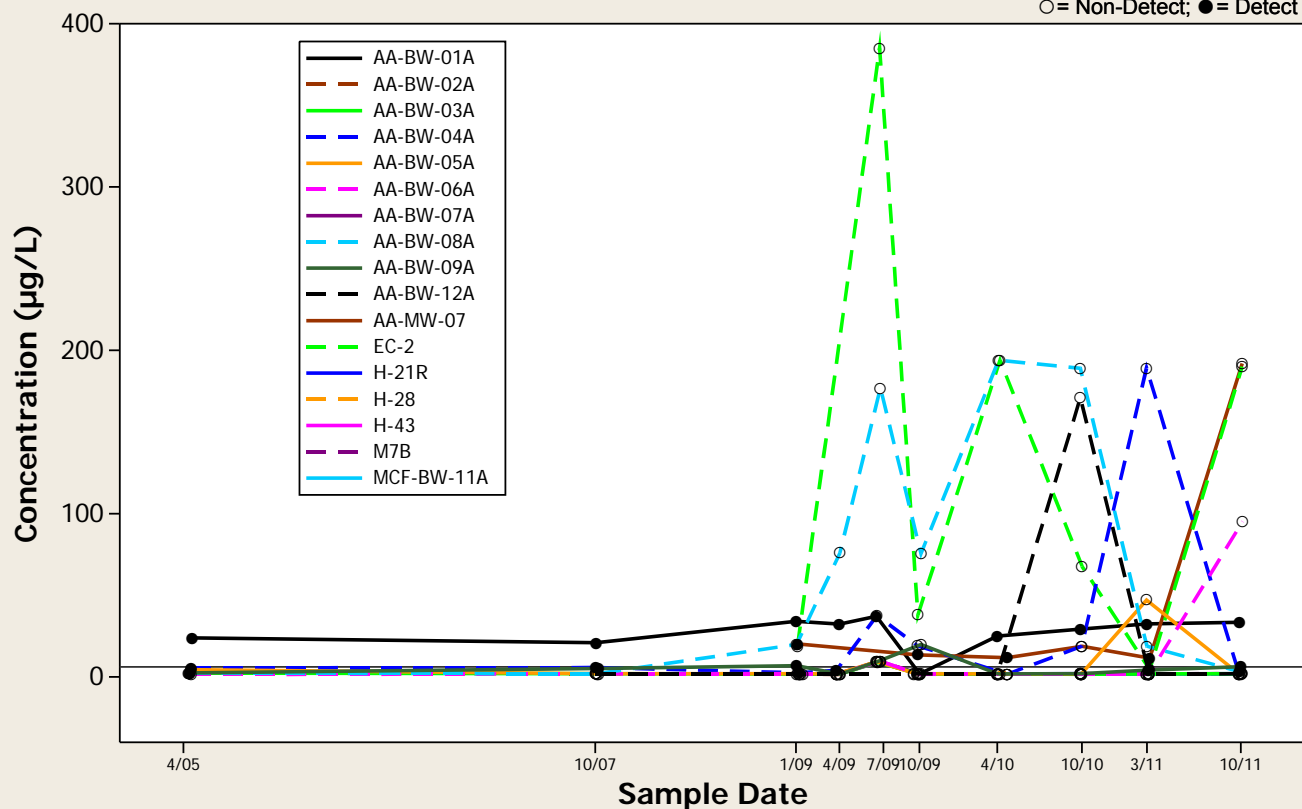


Concentration Trend Graph - Deep Zone Wells

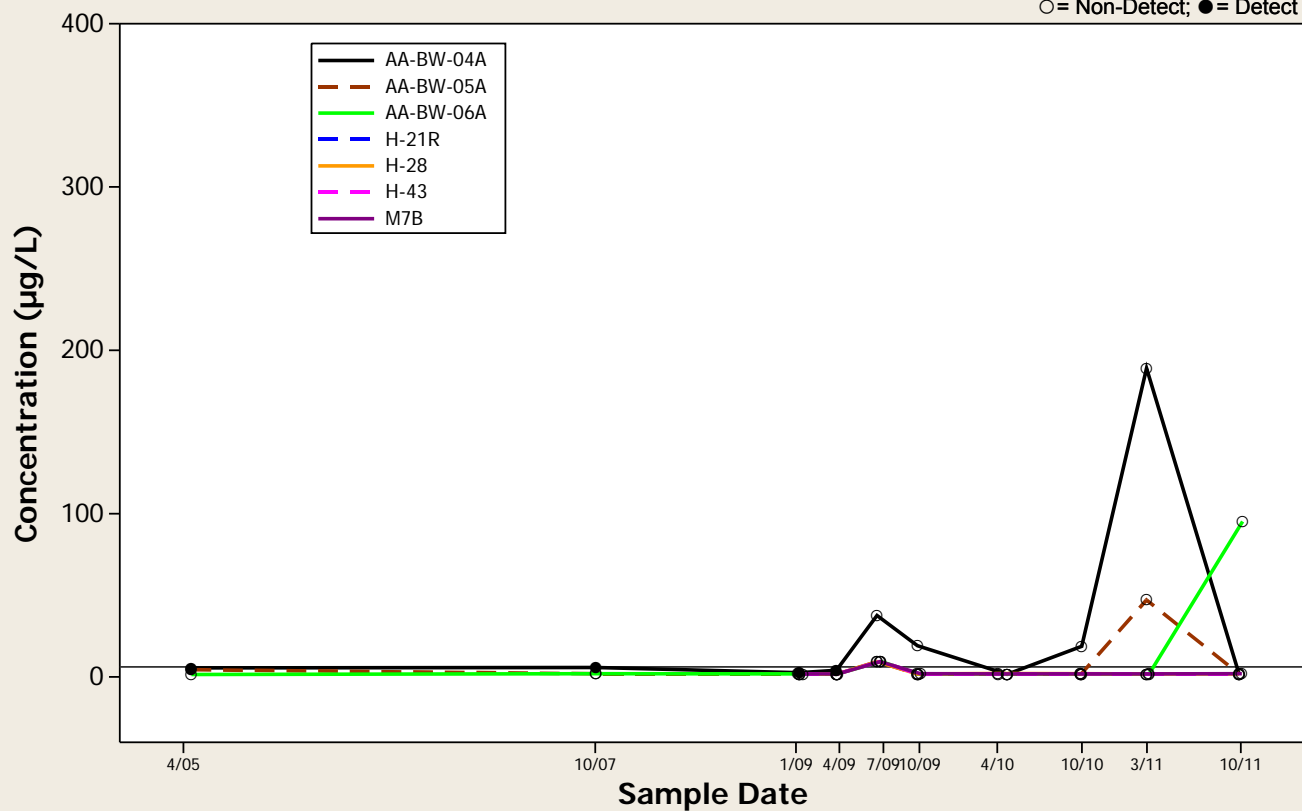
Analyte = 2,4'-DDE



Analyte = 2,4,6-Trichlorophenol

$$\text{BCL} = 6.1$$


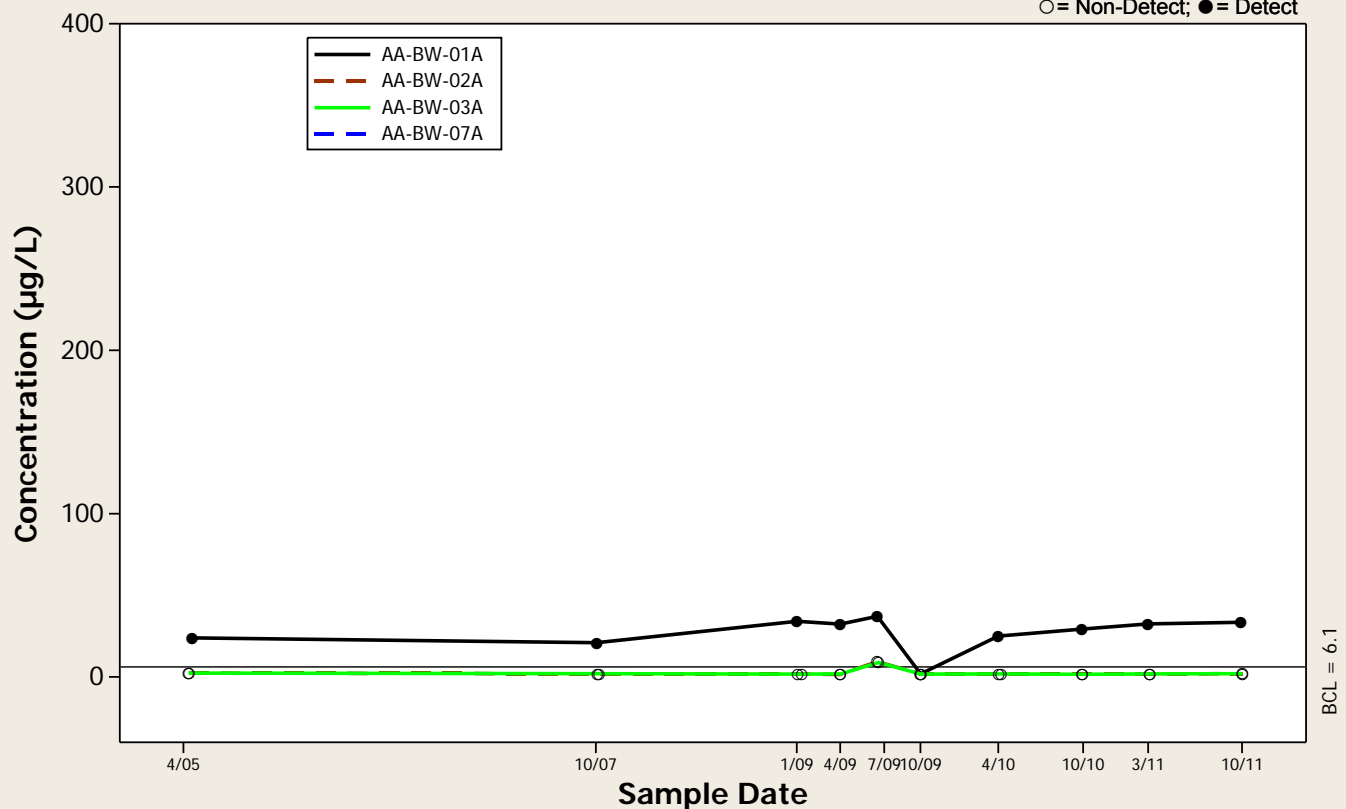
Analyte = 2,4,6-Trichlorophenol

$$\text{BCL} = 6.1$$


Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = 2,4,6-Trichlorophenol

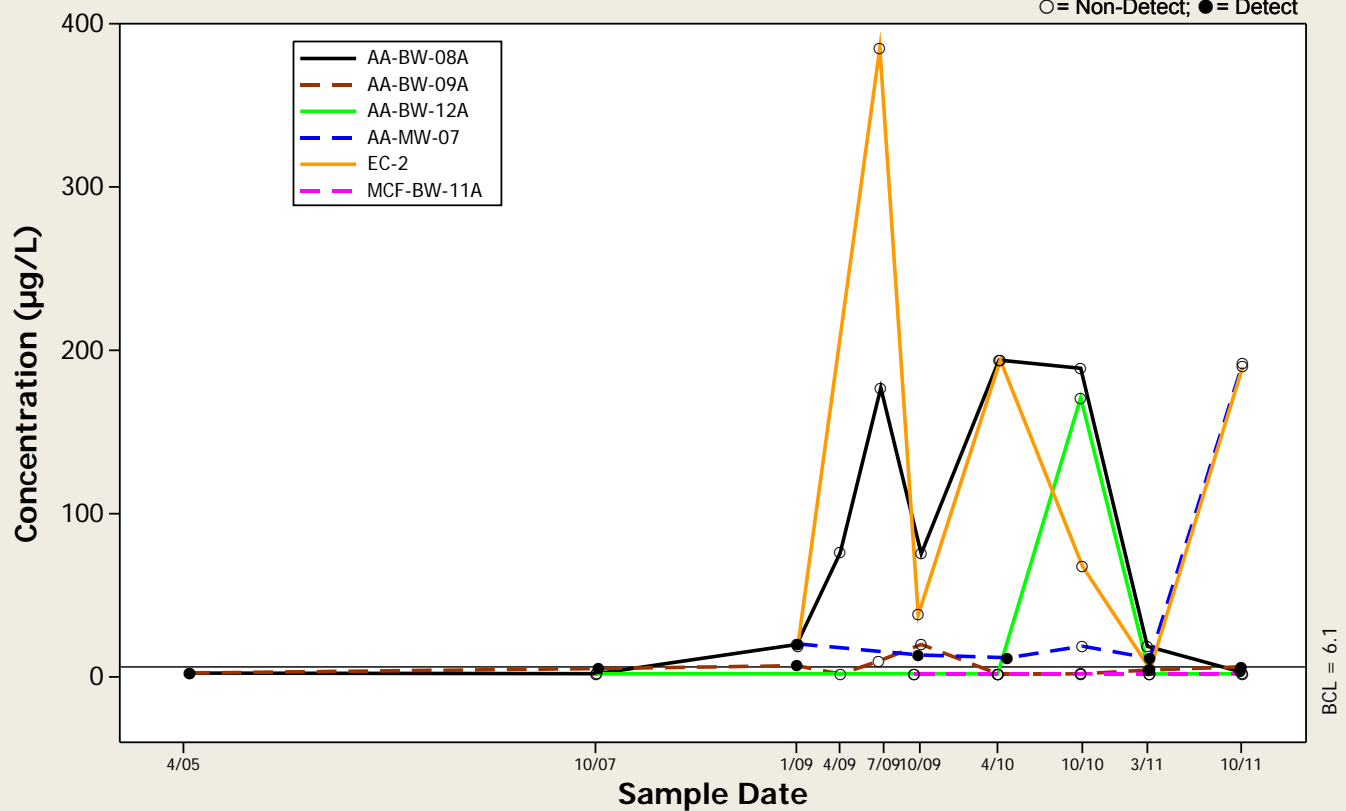
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = 2,4,6-Trichlorophenol

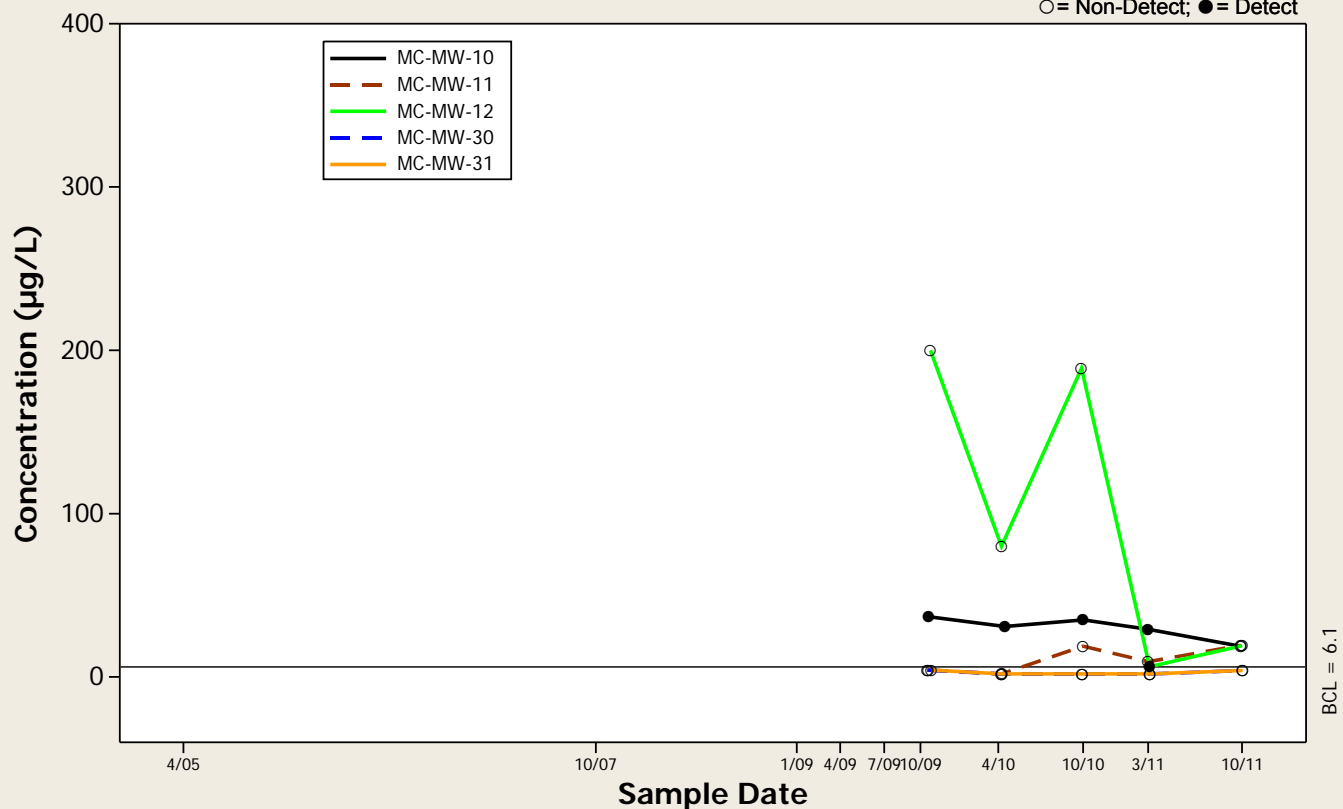
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = 2,4,6-Trichlorophenol

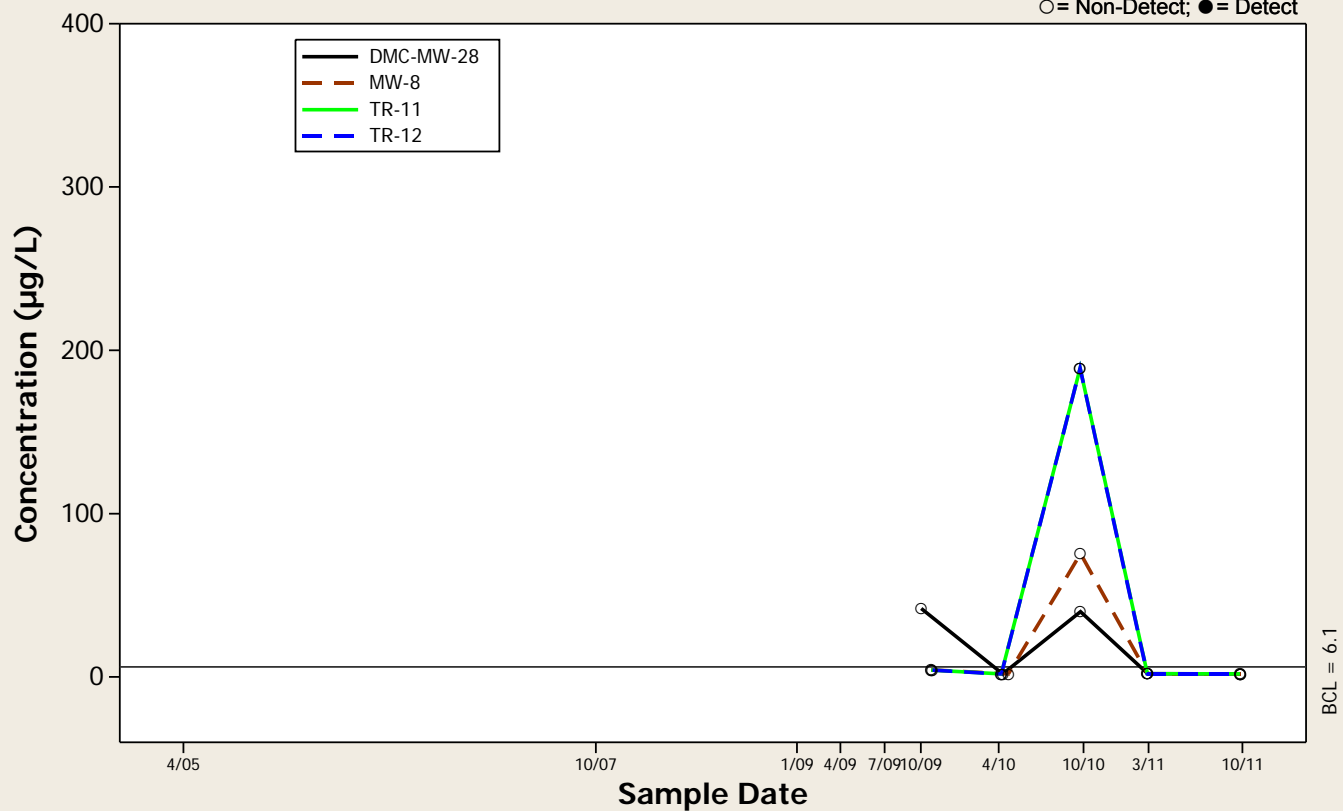
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = 2,4,6-Trichlorophenol

○ = Non-Detect; ● = Detect



Analyte = Aldrin

Concentration ($\mu\text{g/L}$)

Sample Date

Legend:

- AA-BW-01A
- AA-BW-02A
- AA-BW-03A
- AA-BW-04A
- AA-BW-05A
- AA-BW-06A
- AA-BW-07A
- AA-BW-08A
- AA-BW-09A
- AA-BW-12A
- AA-MW-07
- EC-2
- H-21R
- H-28
- H-43
- M7B
- MCF-BW-11A

○ = Non-Detect; ● = Detect

BCL = 0.004

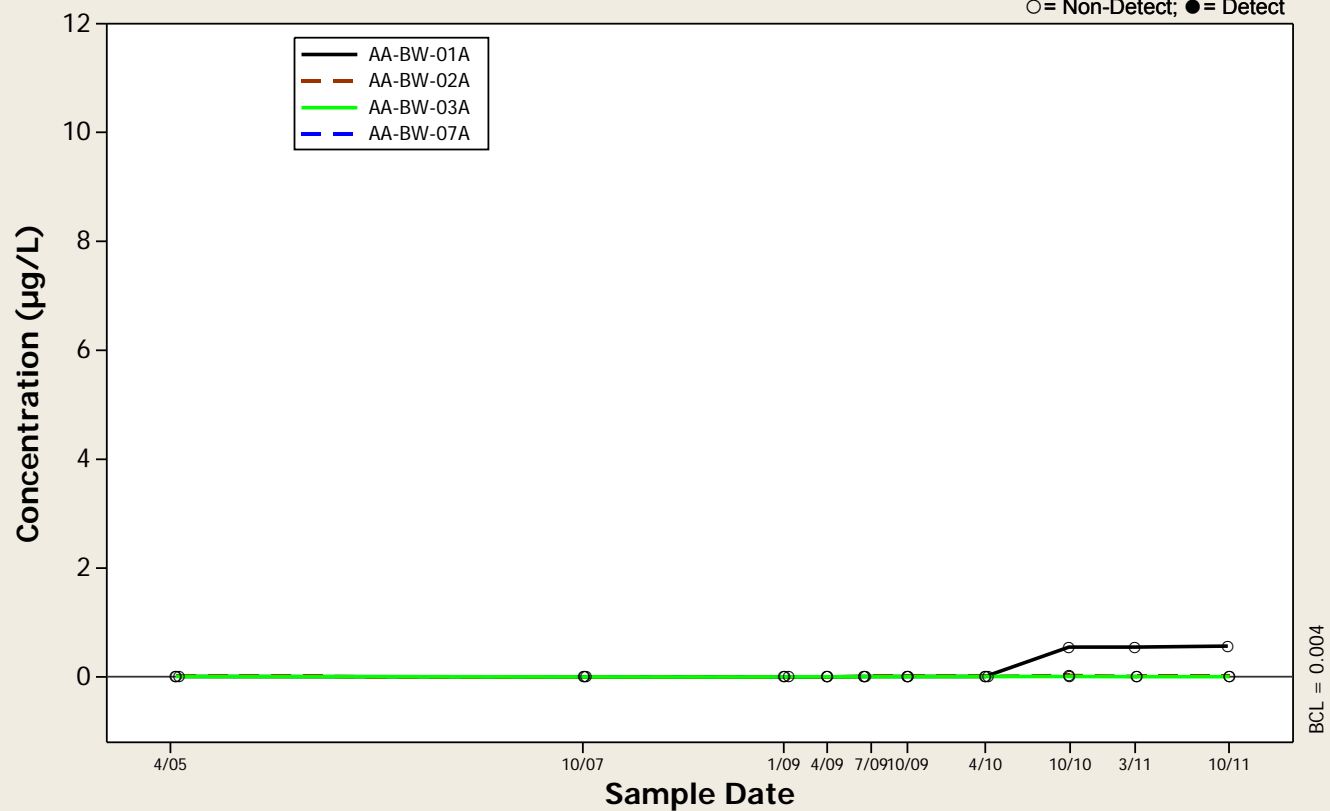
Analyte = Aldrin

[illegible]

Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Aldrin

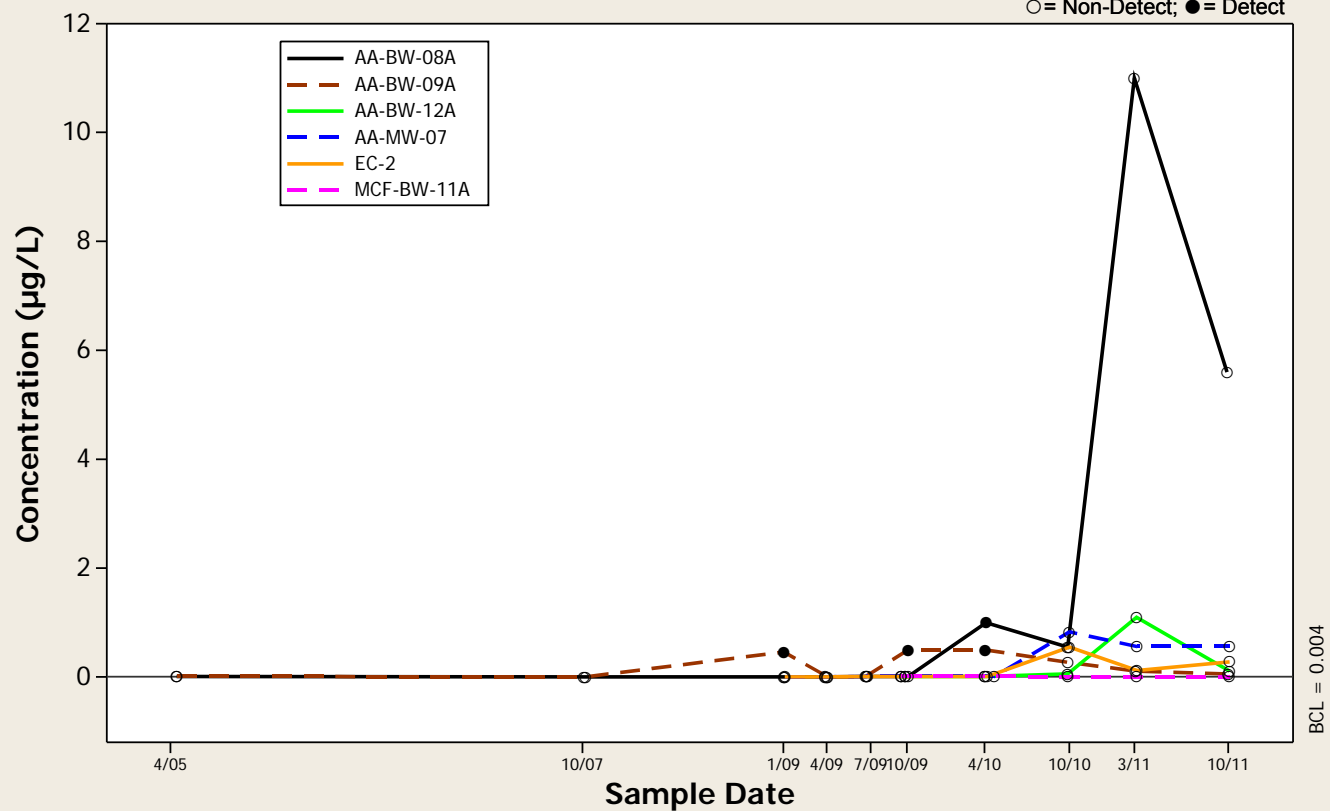
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

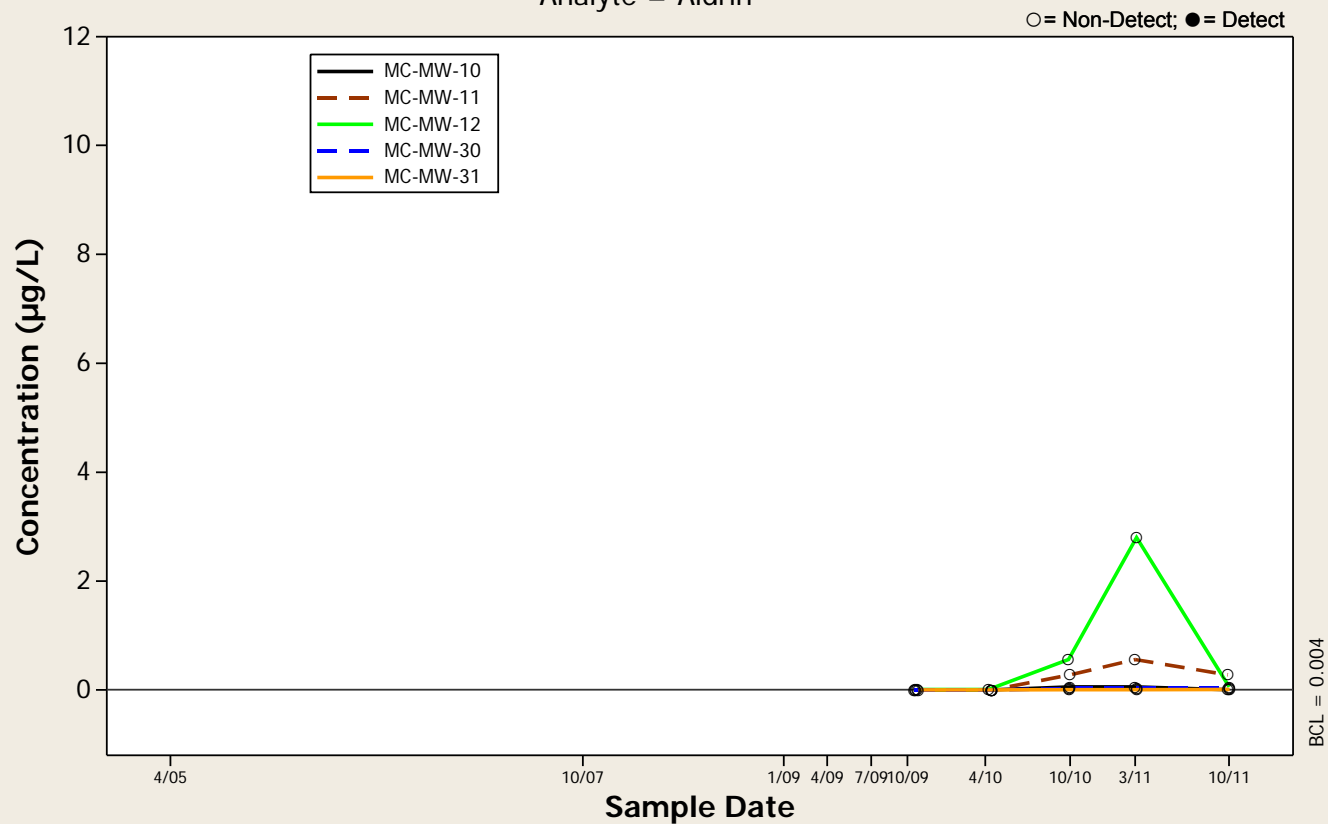
Analyte = Aldrin

○ = Non-Detect; ● = Detect



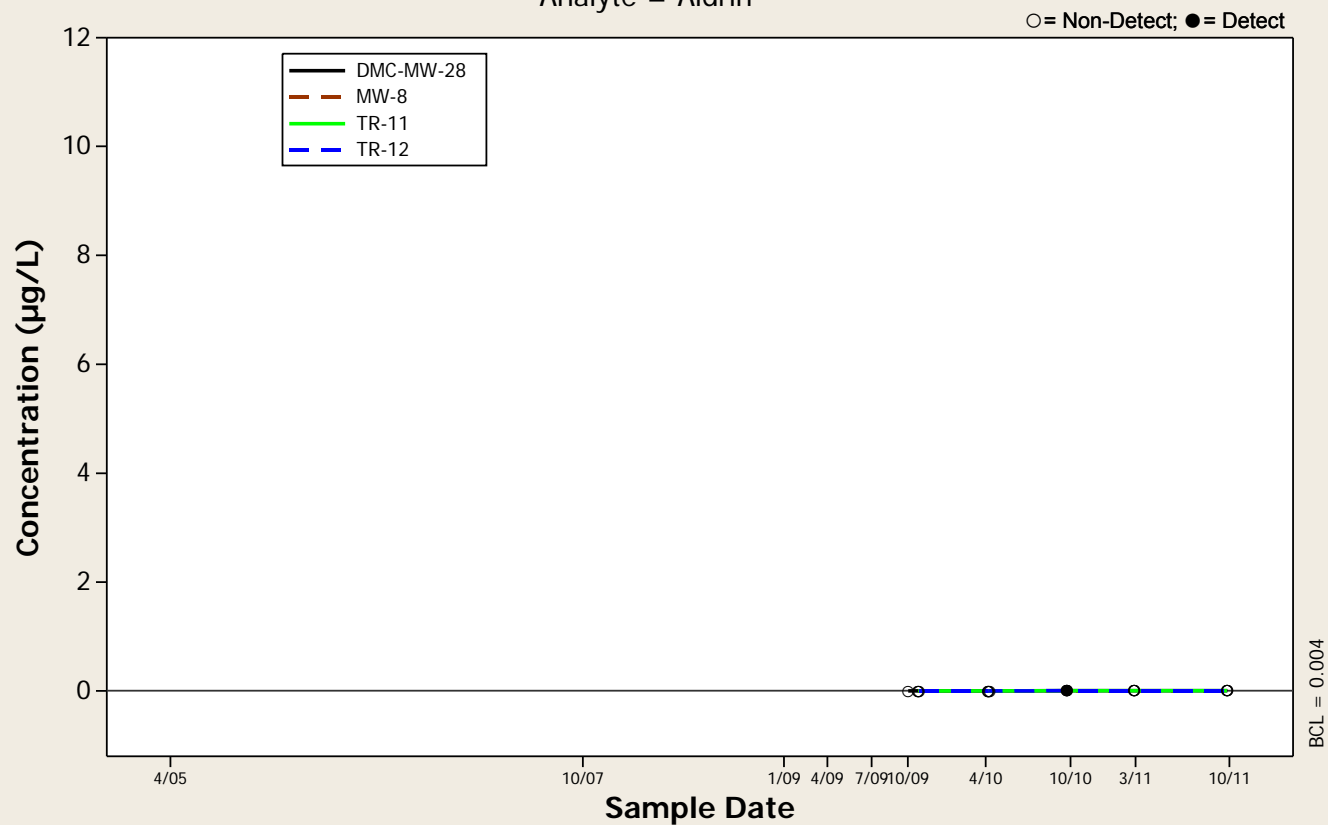
Concentration Trend Graph - Middle Zone Wells

Analyte = Aldrin



Concentration Trend Graph - Deep Zone Wells

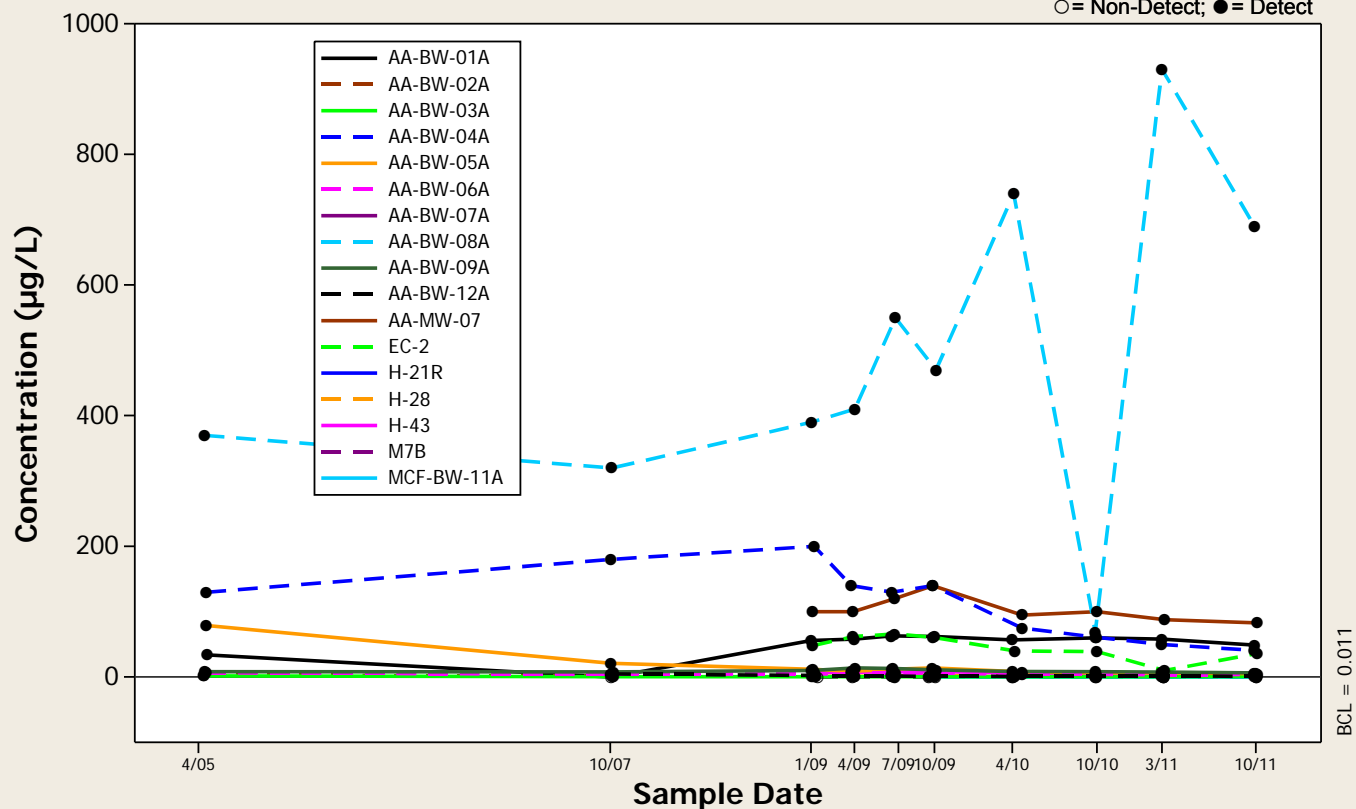
Analyte = Aldrin



Concentration Trend Graph - All Shallow Zone Wells

Analyte = alpha-BHC

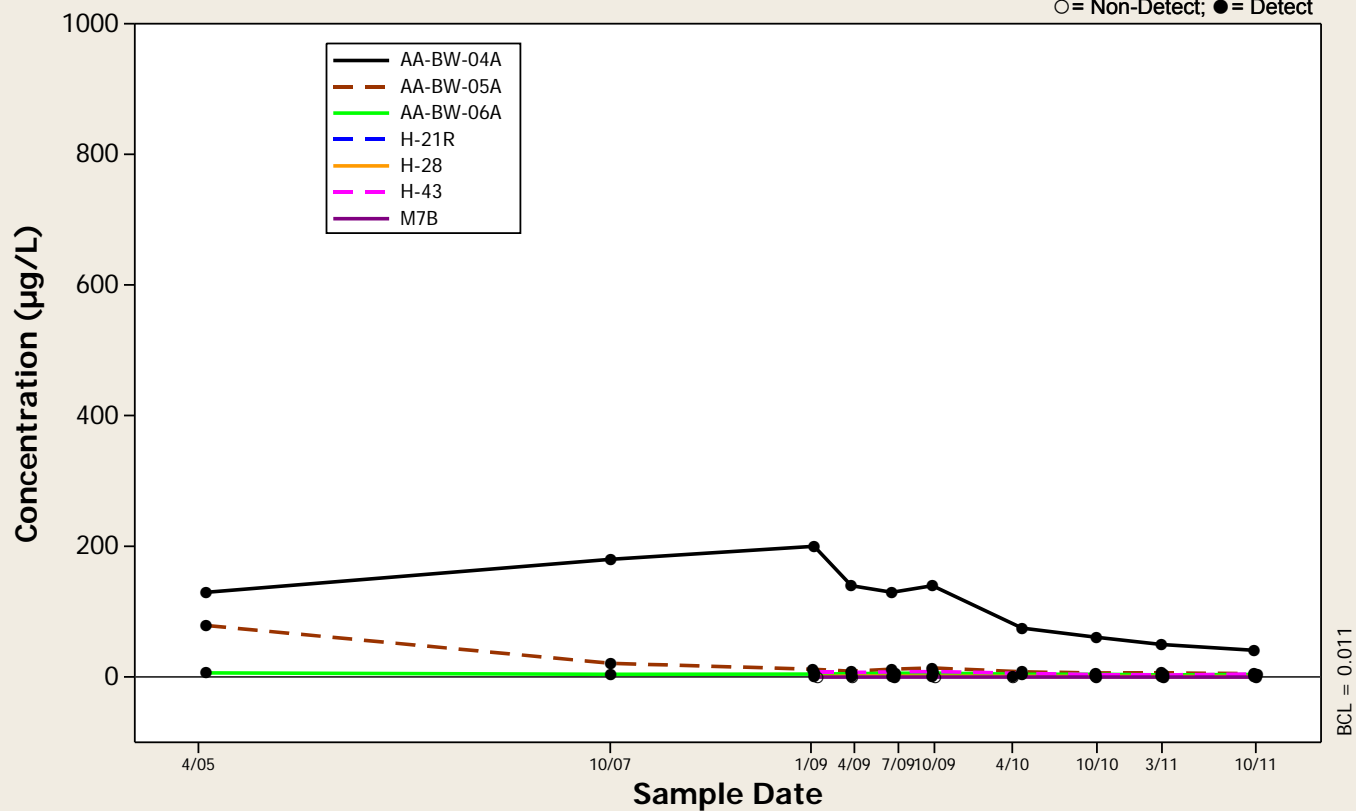
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = alpha-BHC

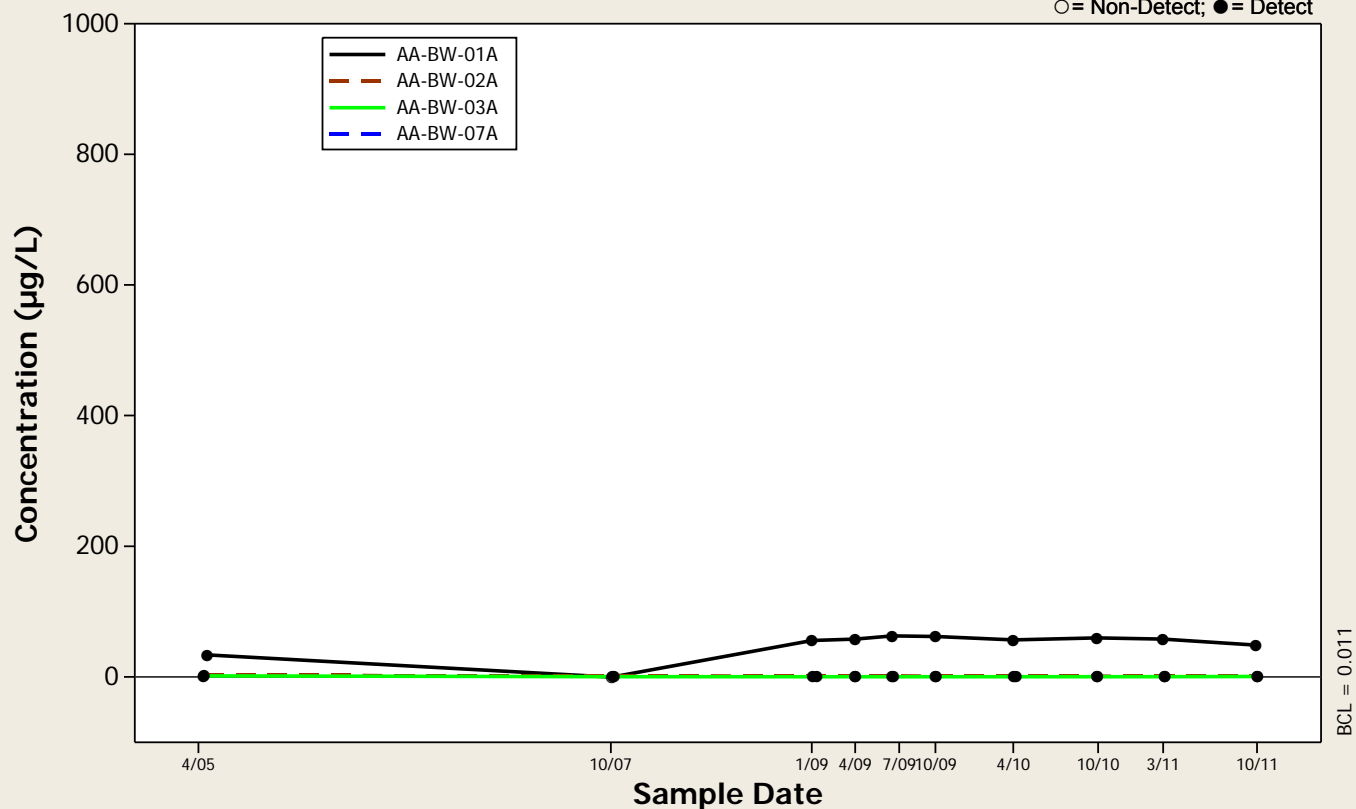
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = alpha-BHC

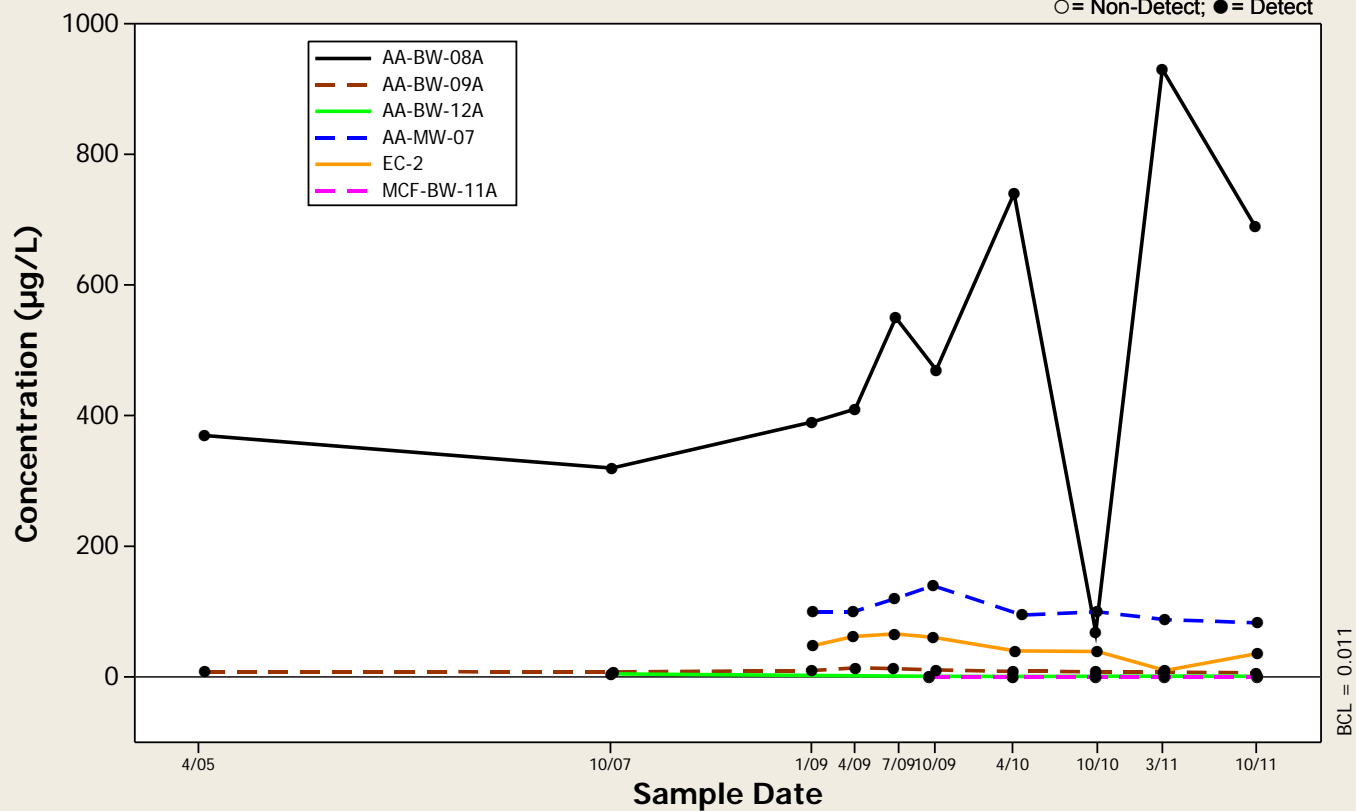
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = alpha-BHC

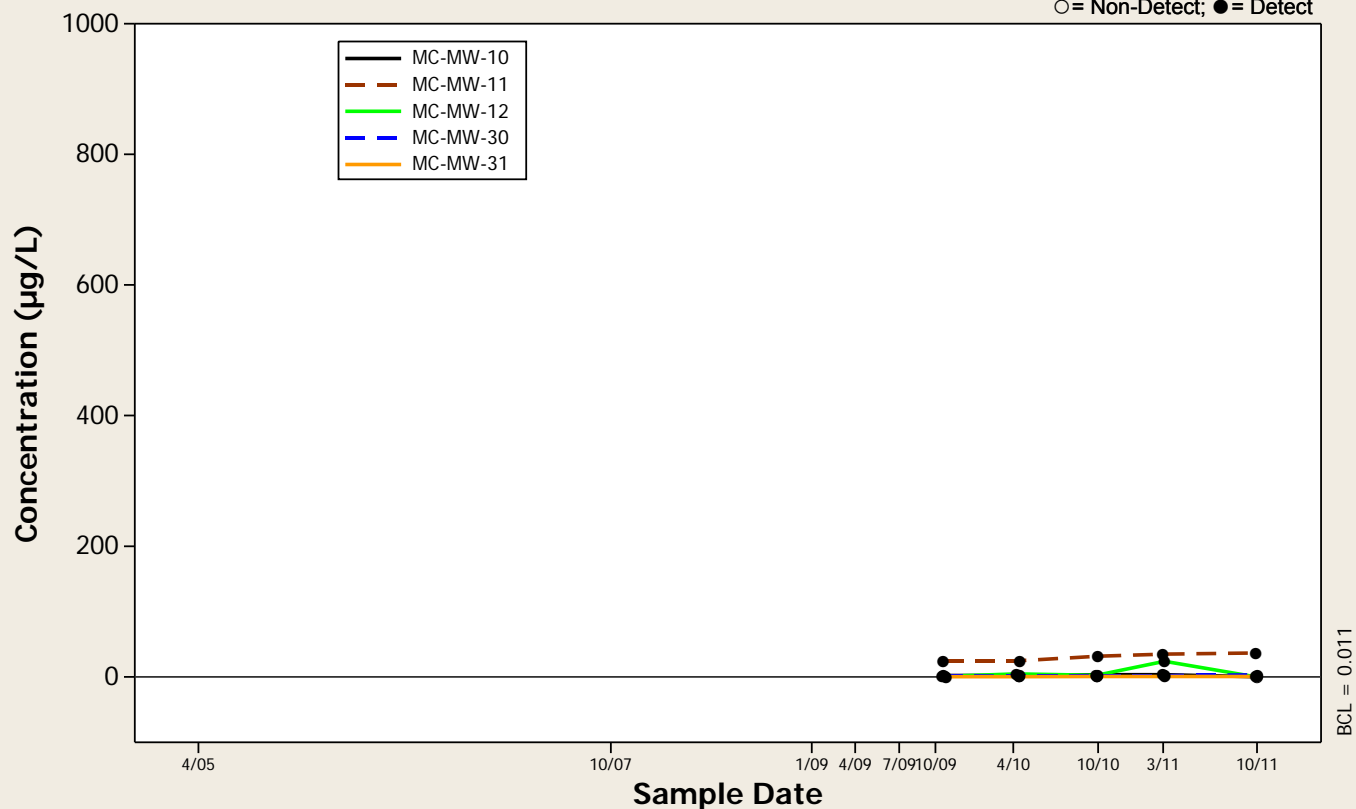
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = alpha-BHC

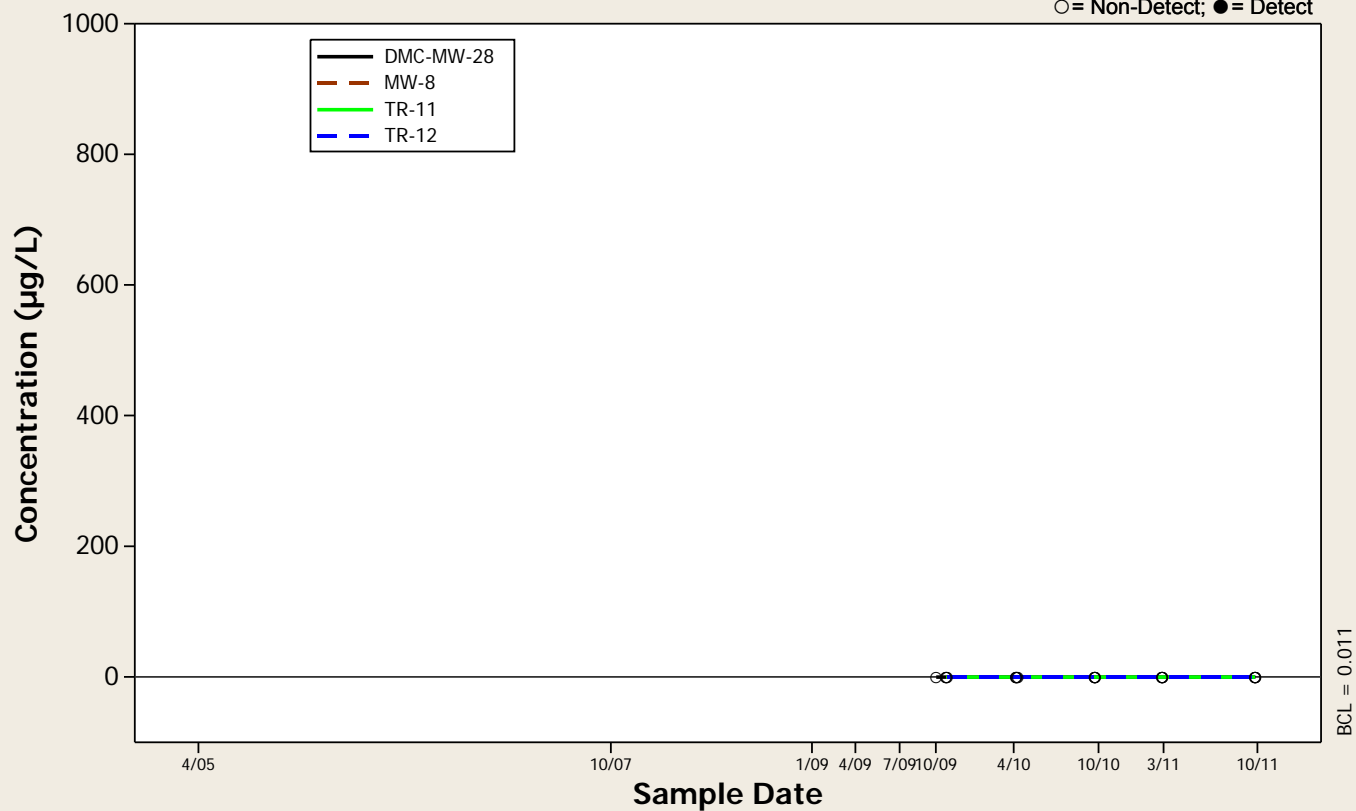
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = alpha-BHC

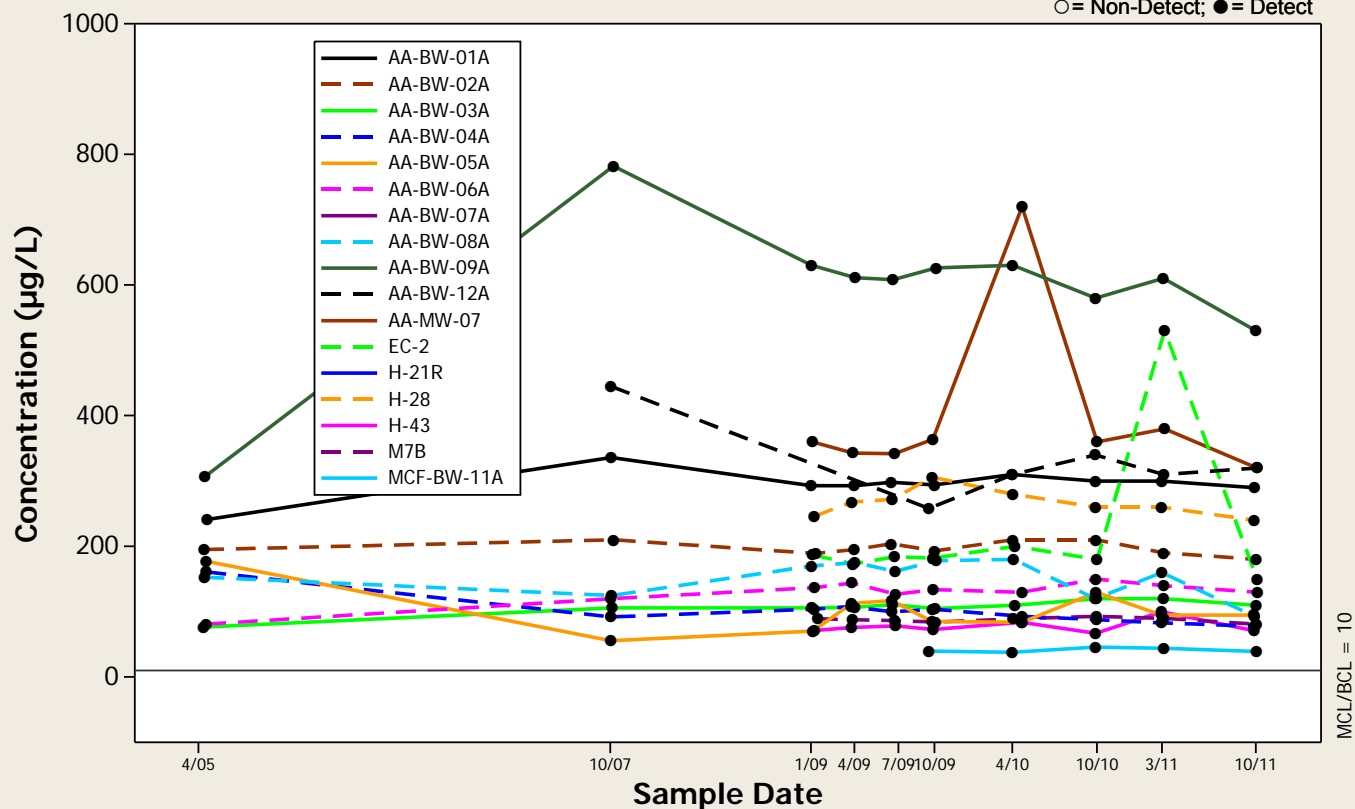
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Arsenic

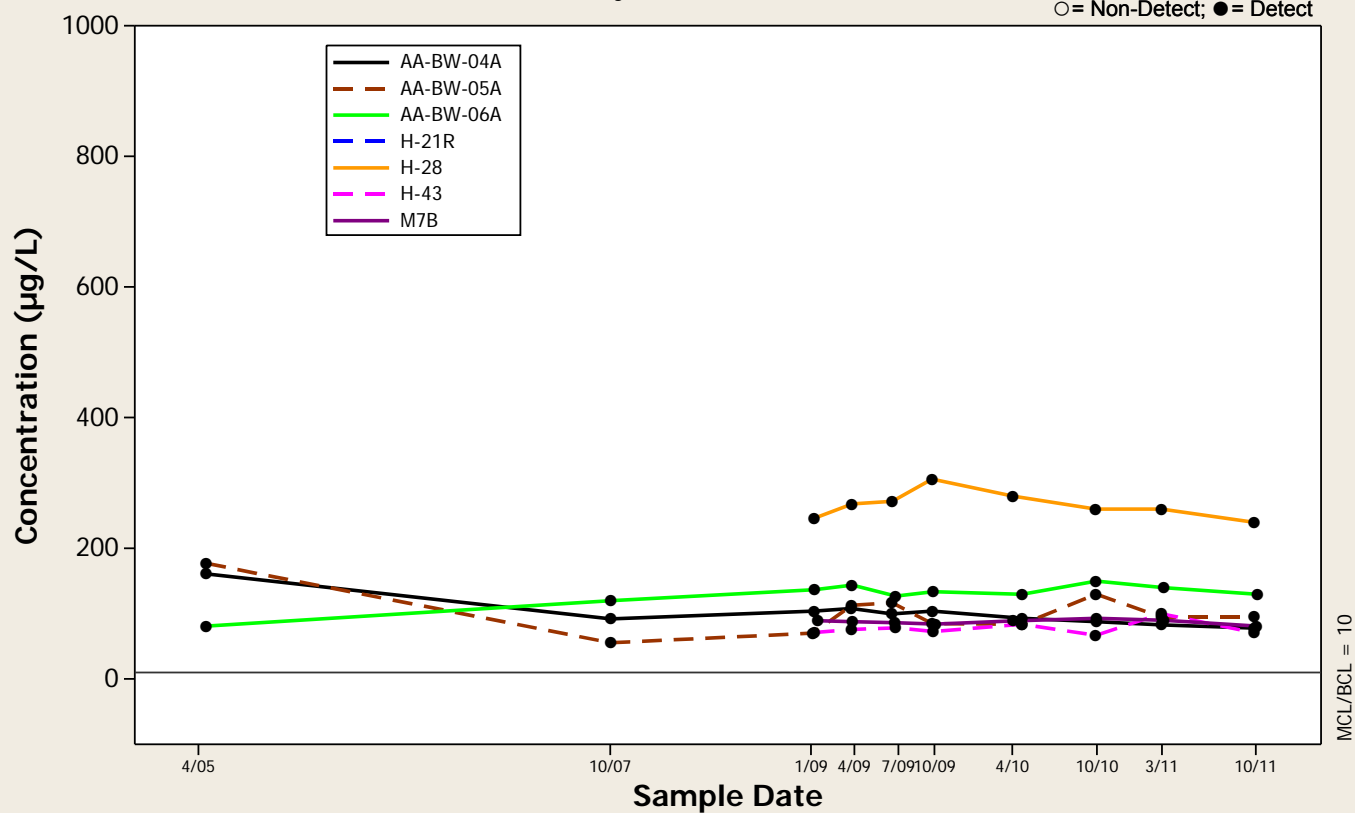
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Arsenic

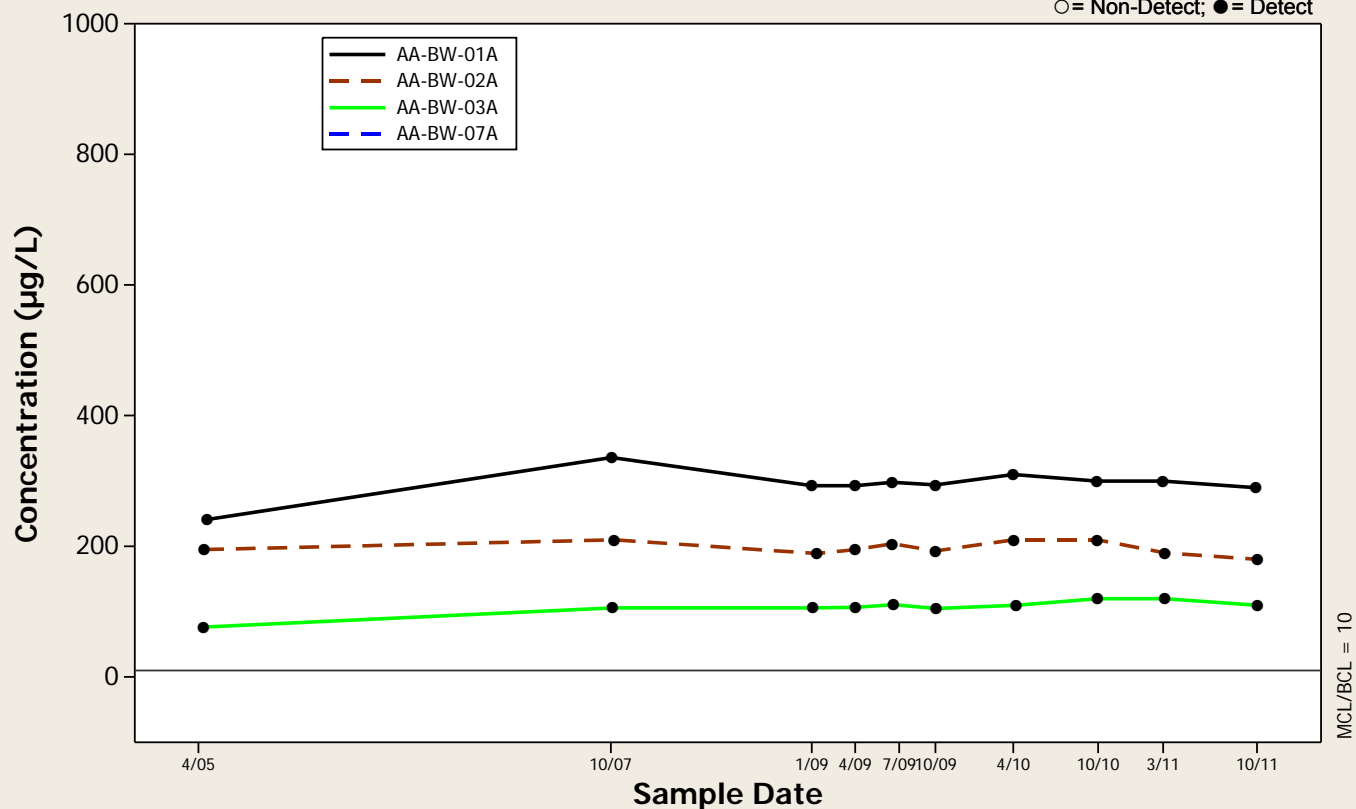
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Arsenic

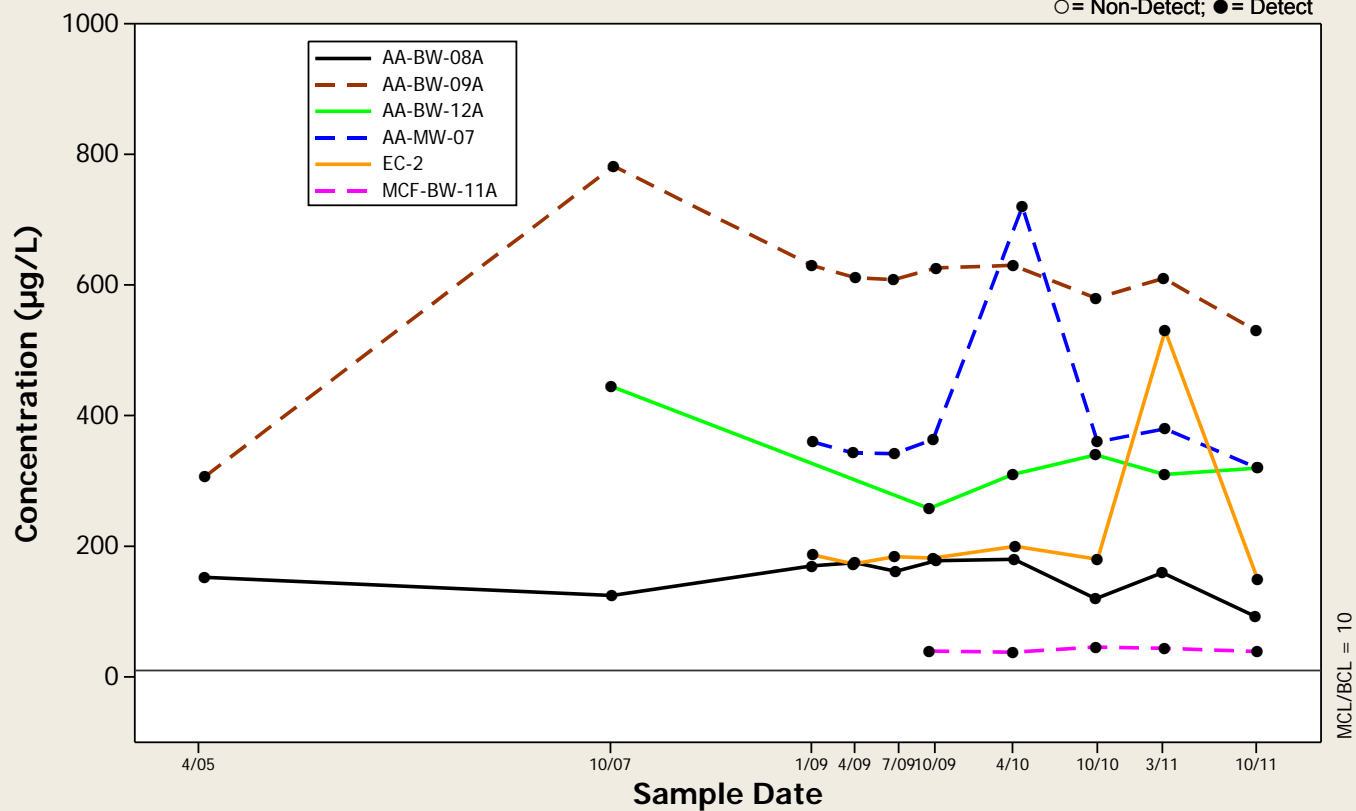
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Arsenic

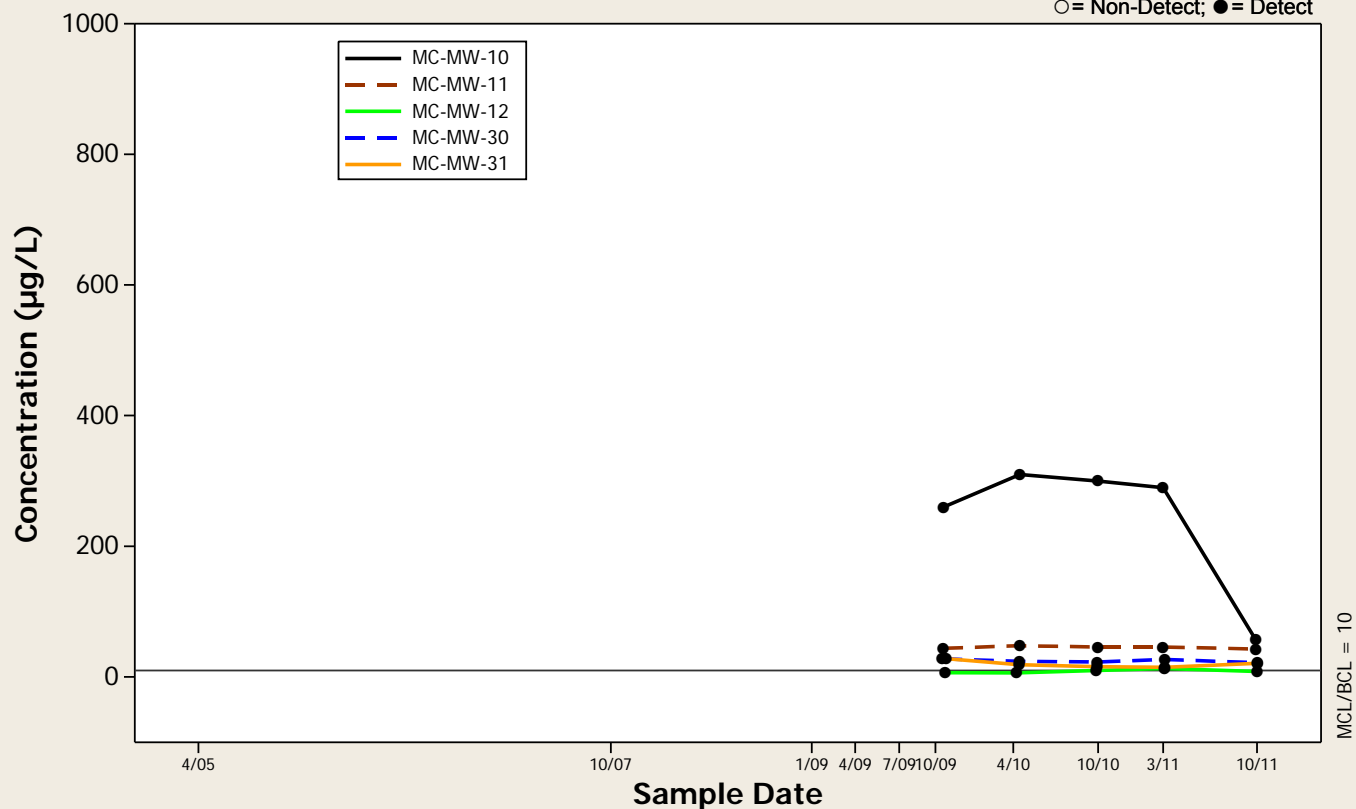
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Arsenic

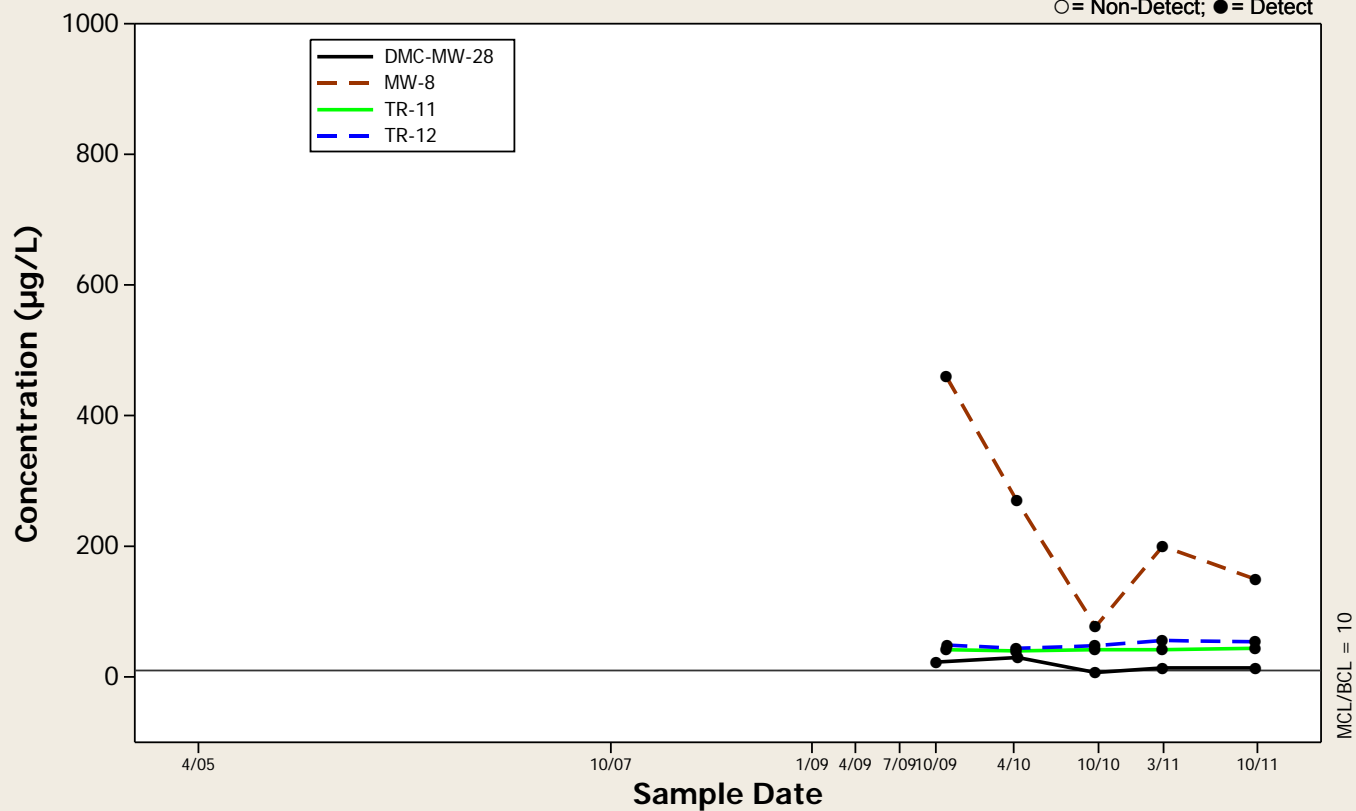
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Arsenic

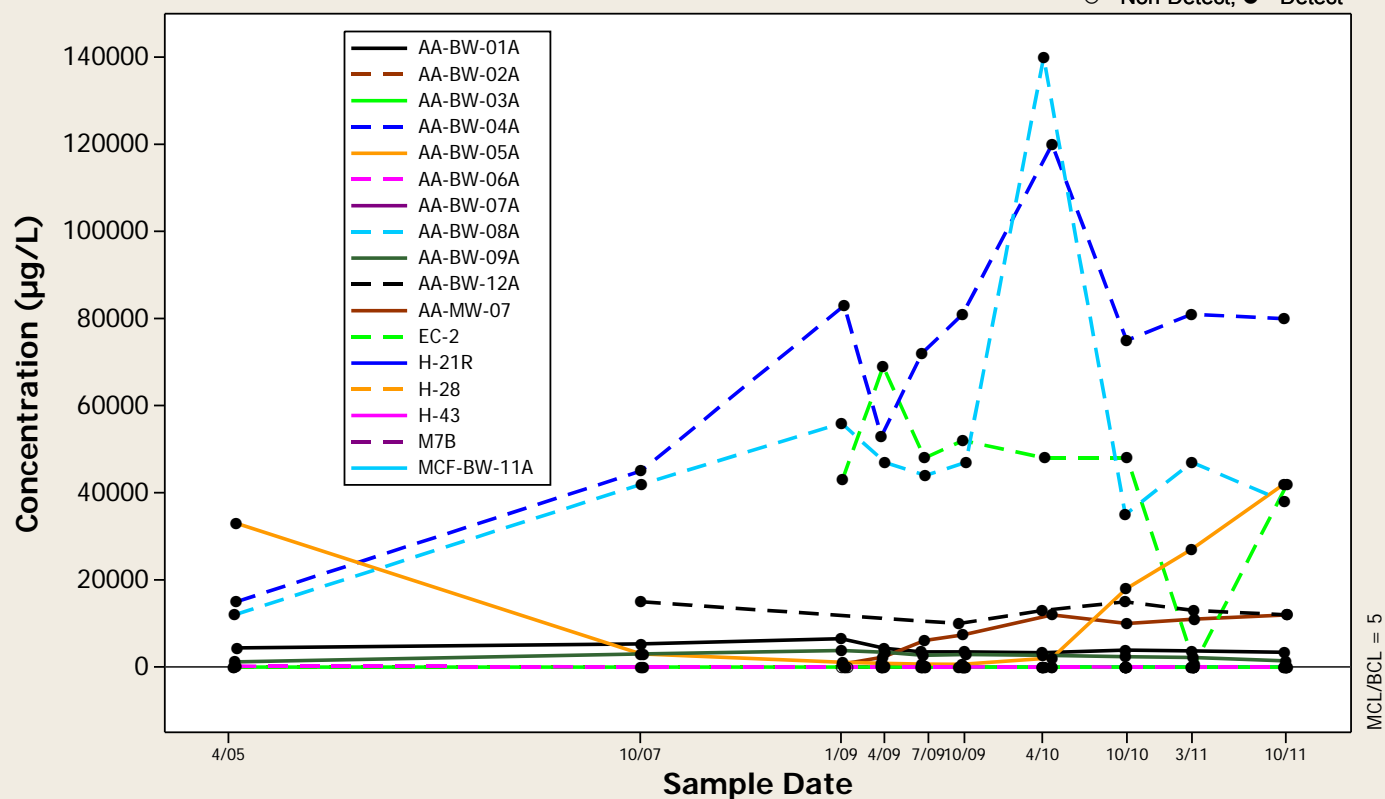
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Benzene

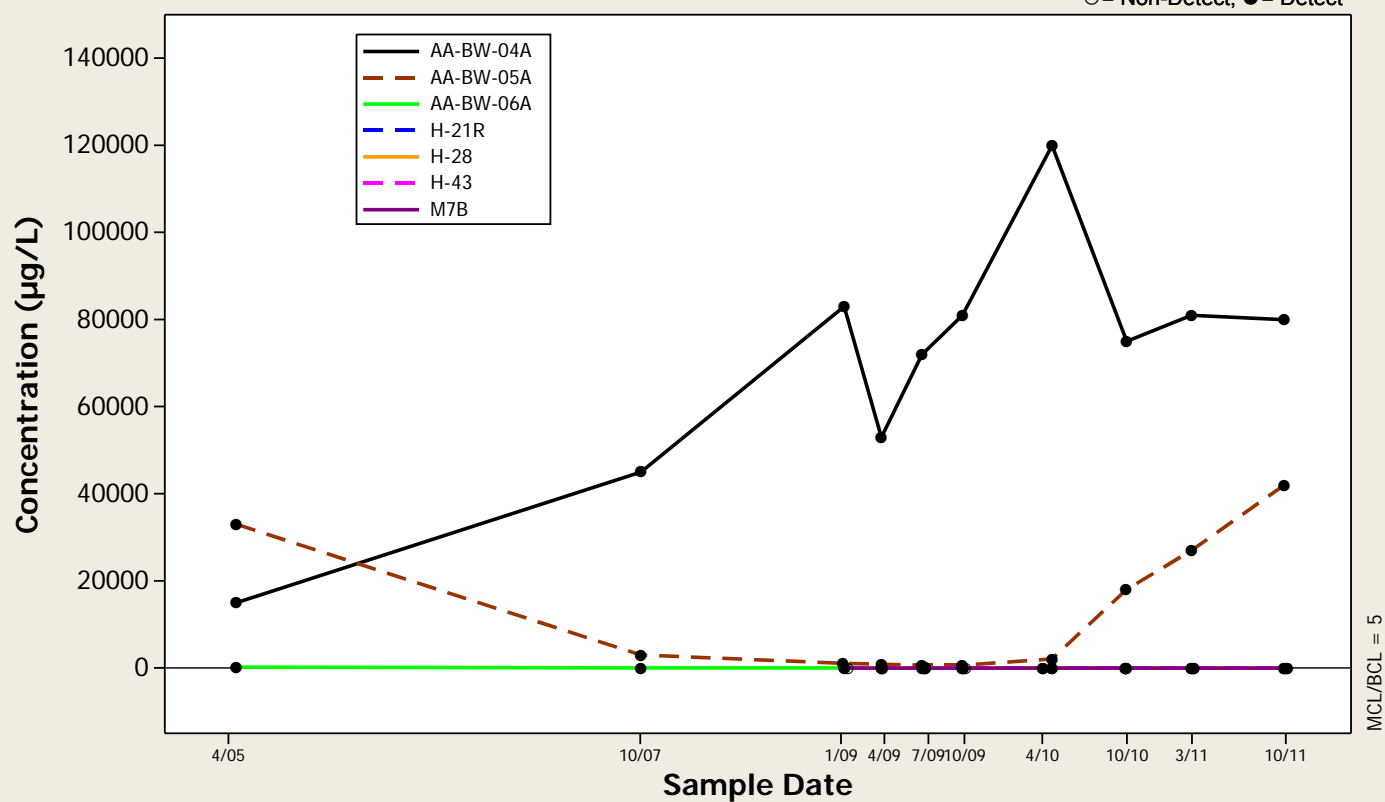
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Benzene

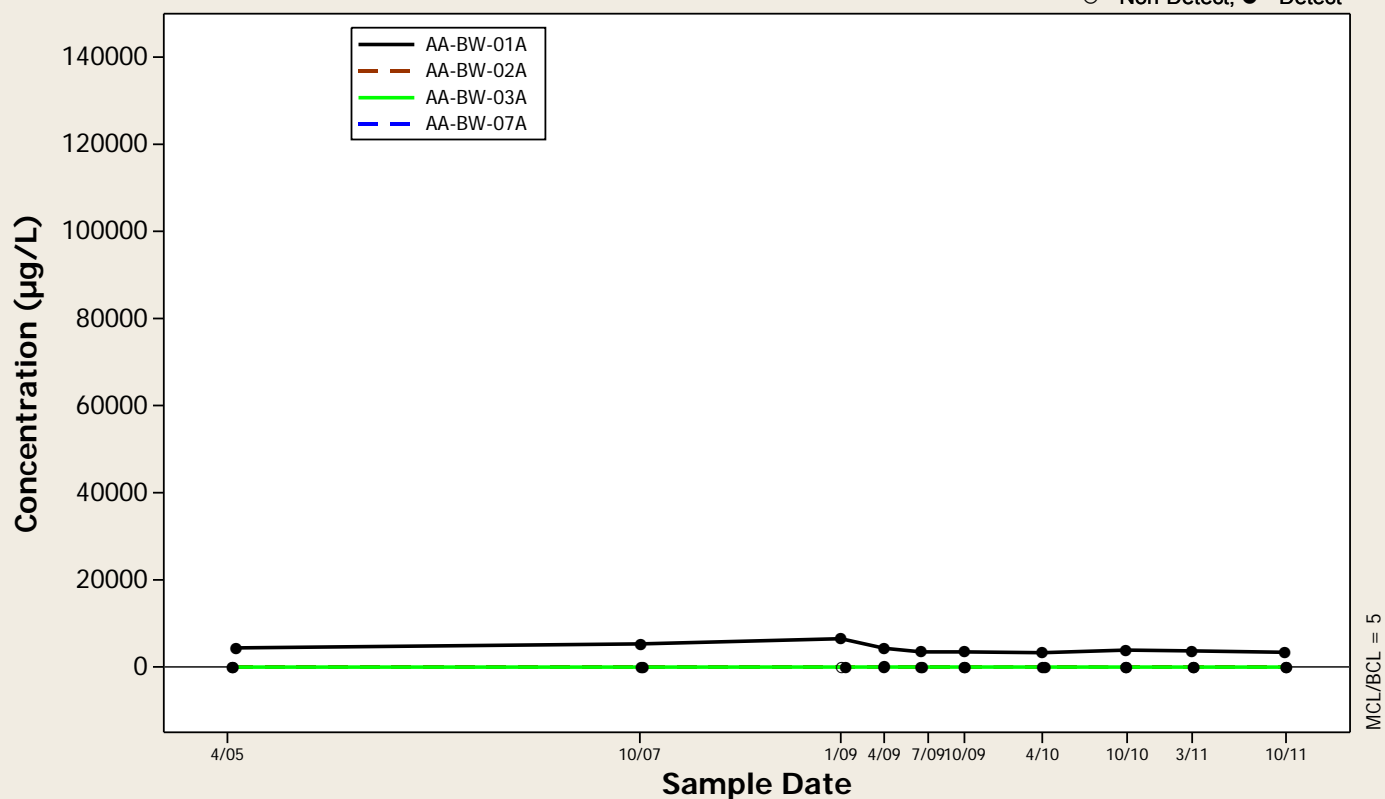
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Benzene

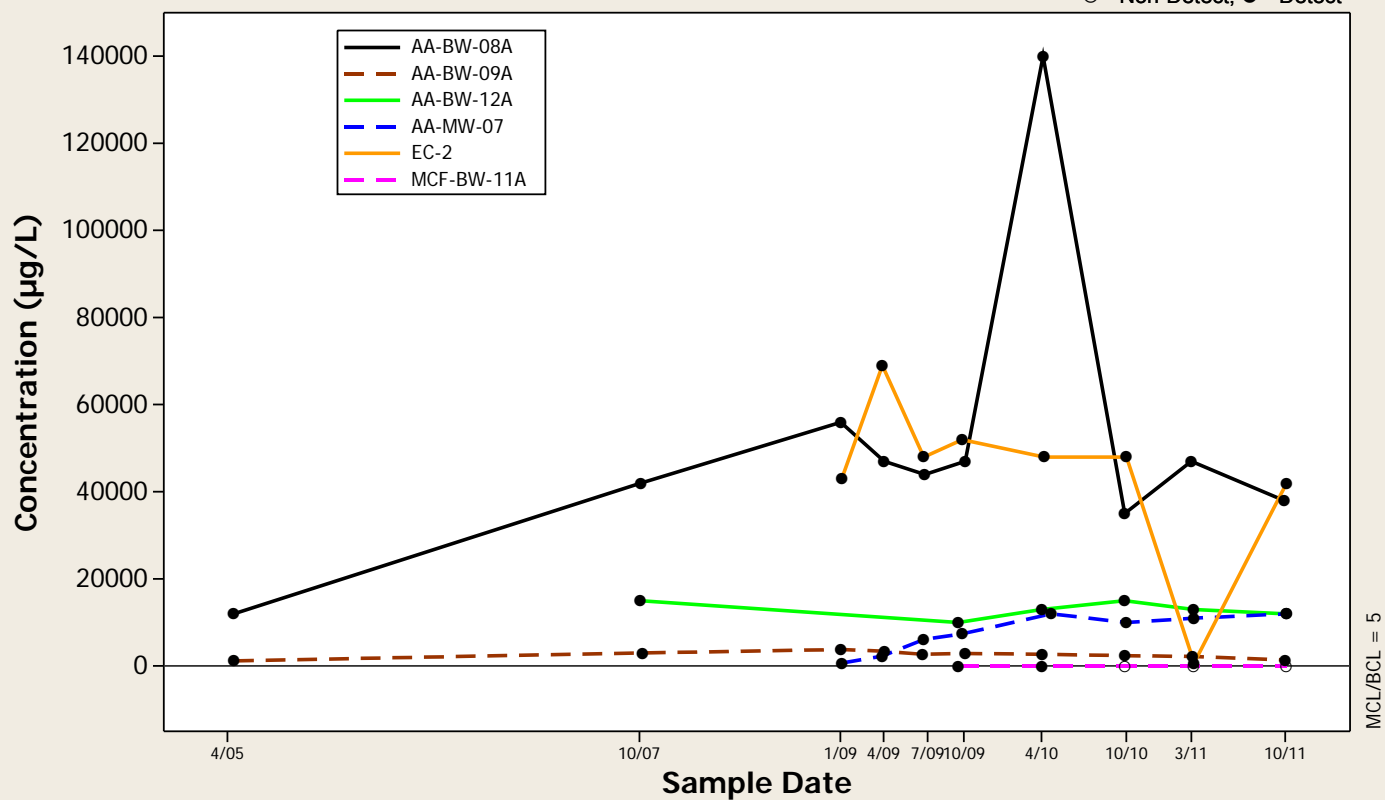
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Benzene

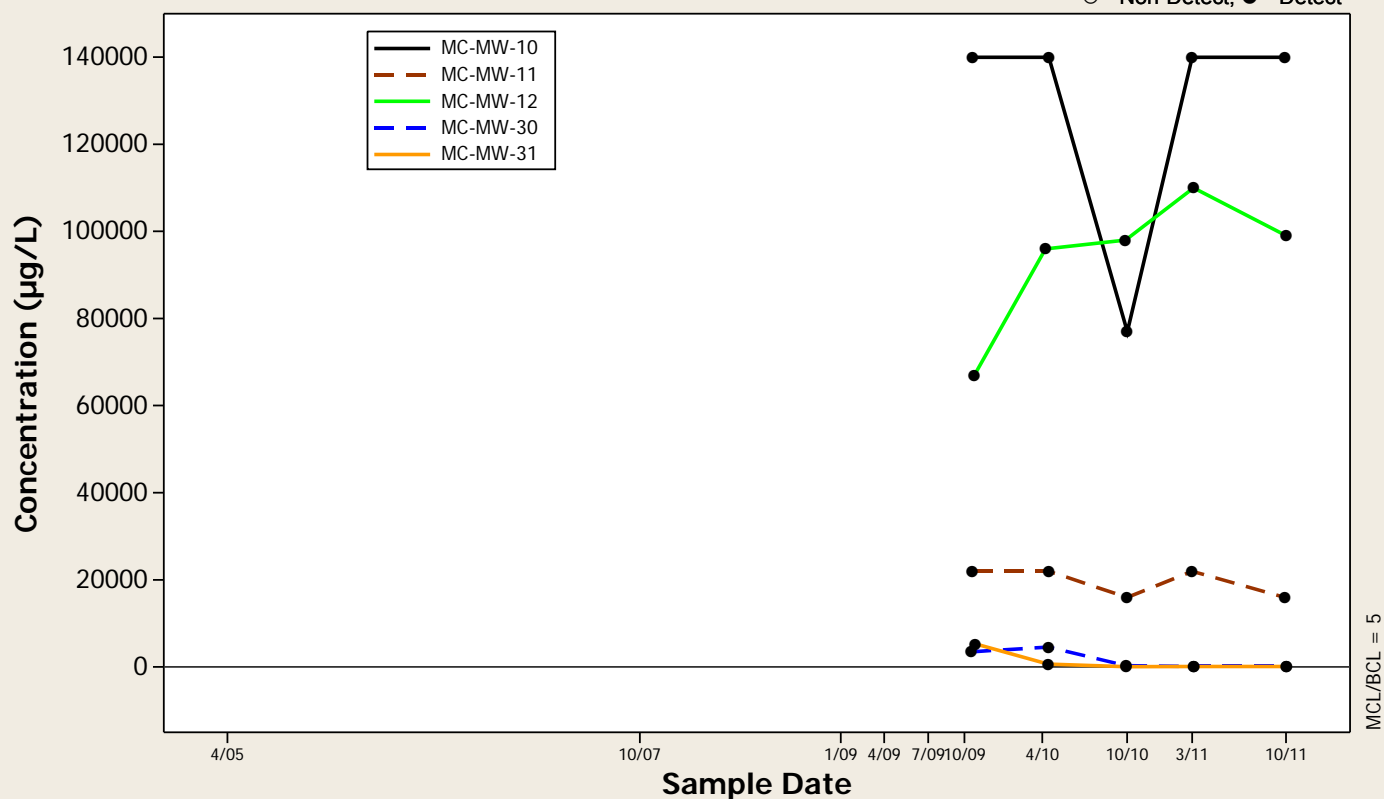
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Benzene

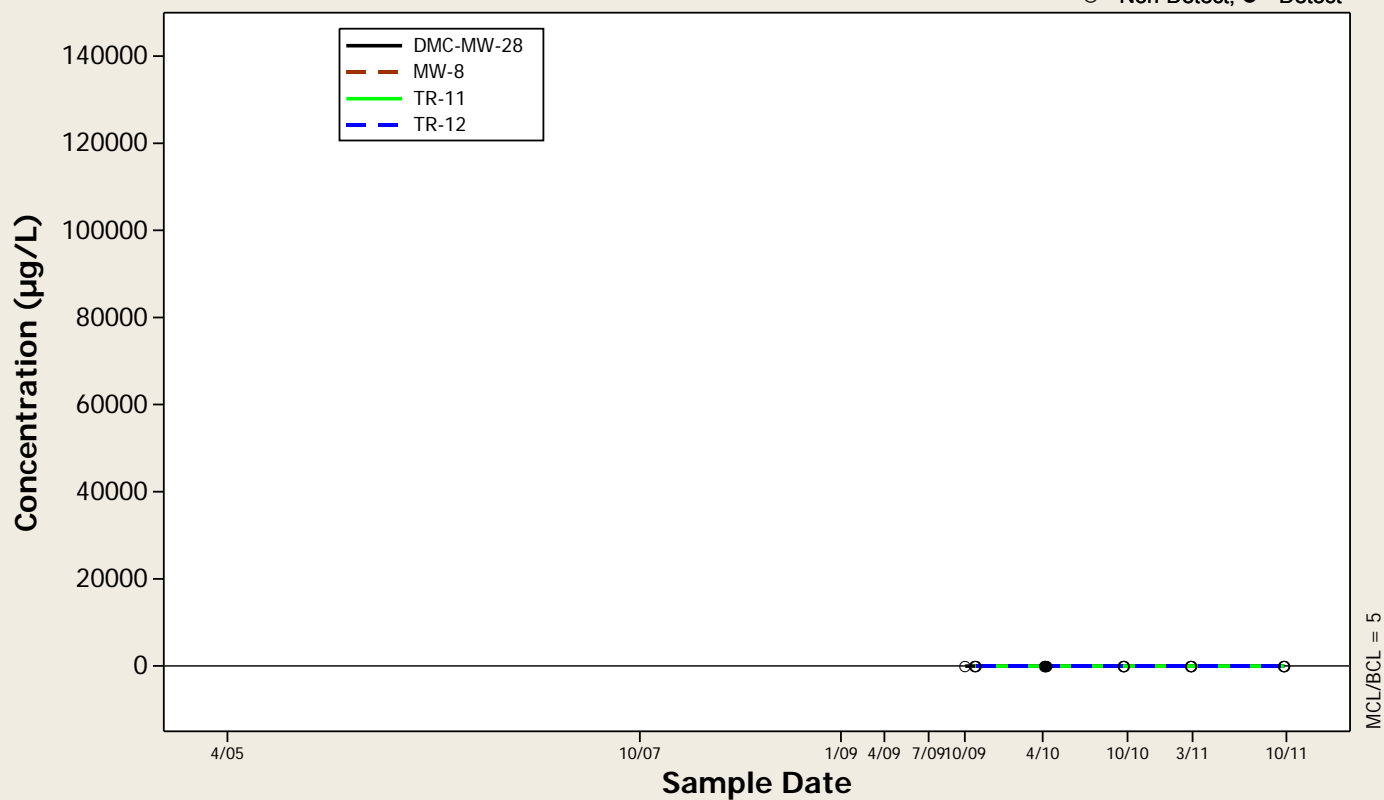
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Benzene

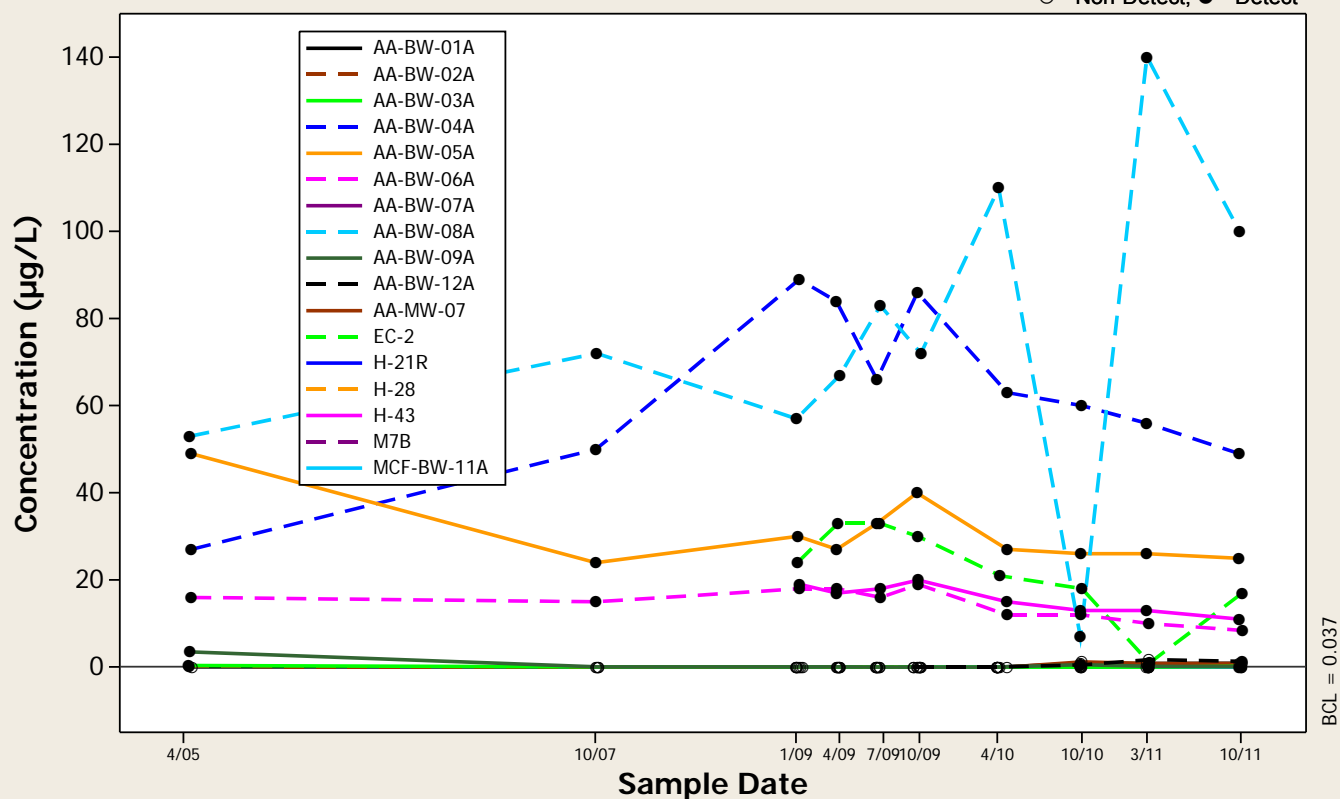
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = beta-BHC

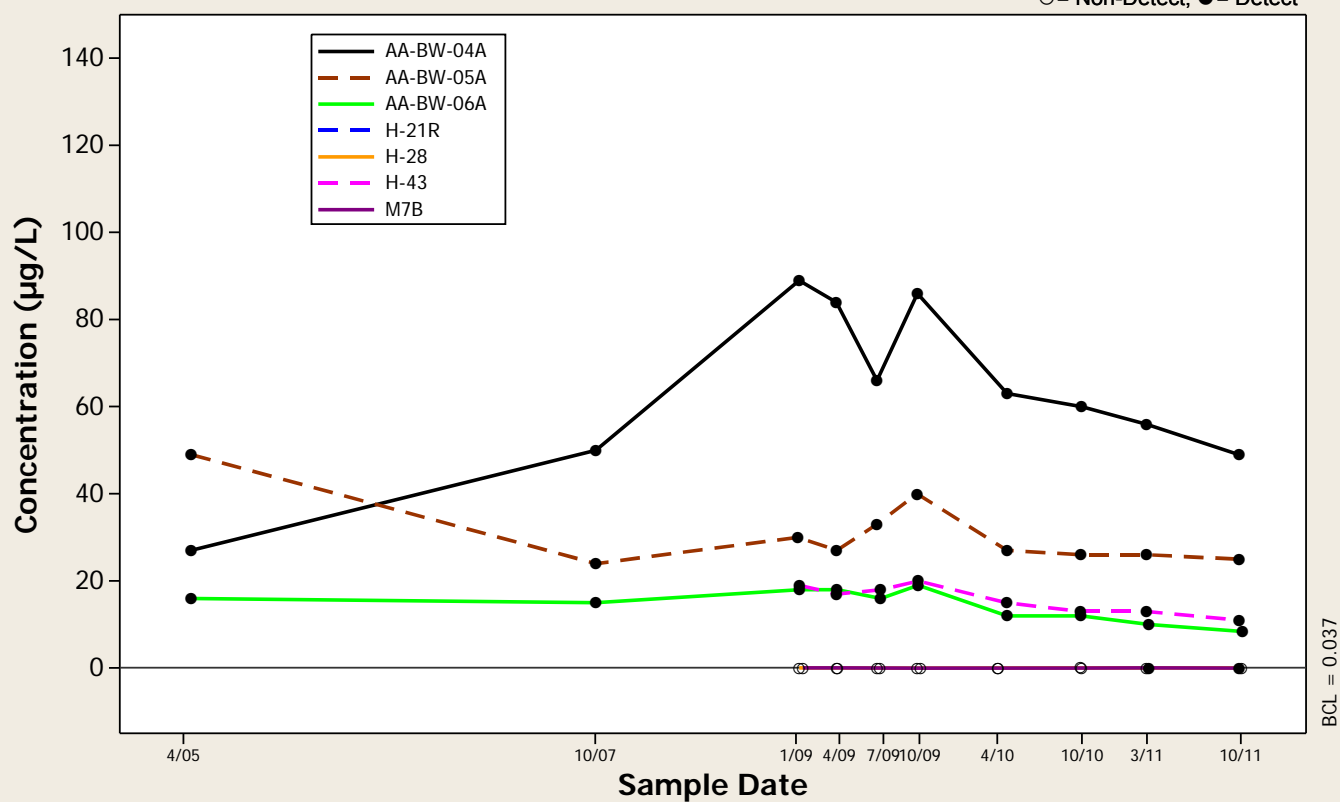
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = beta-BHC

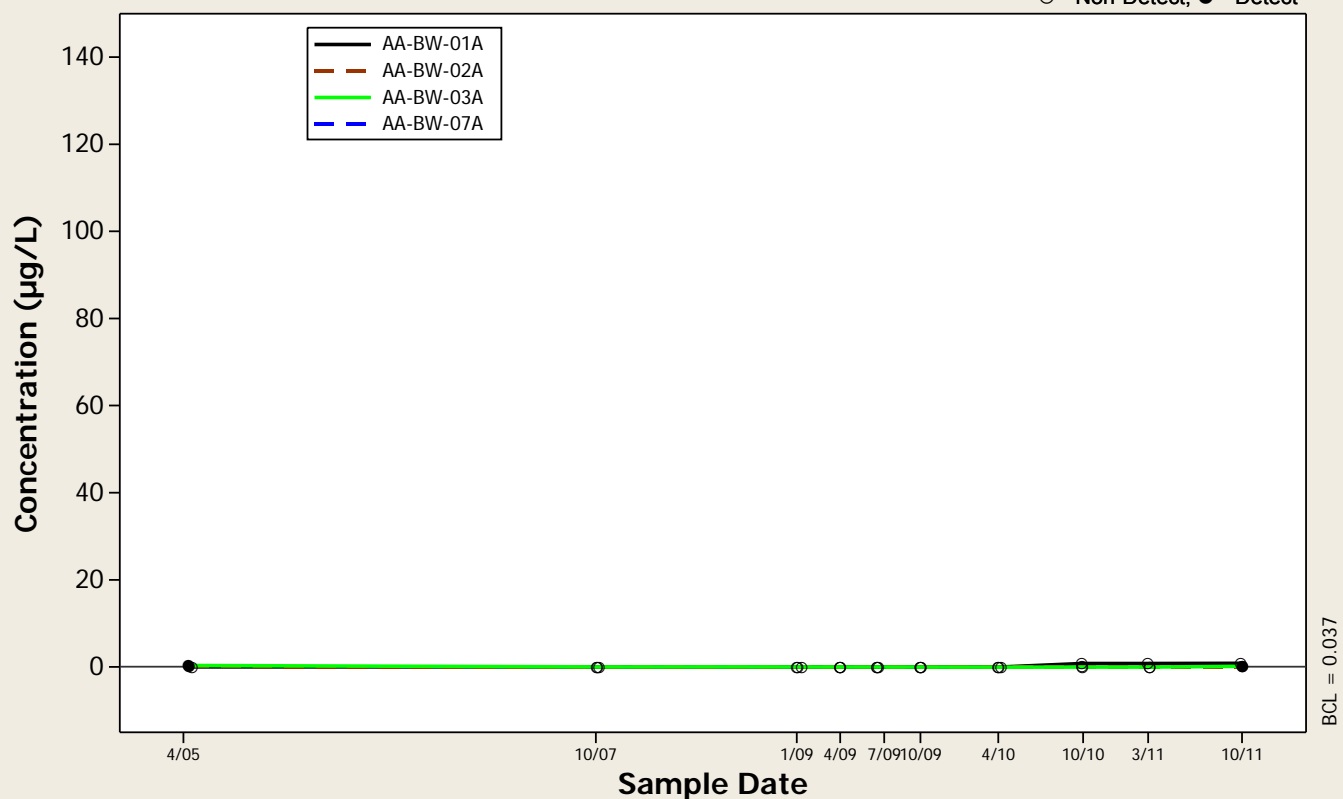
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = beta-BHC

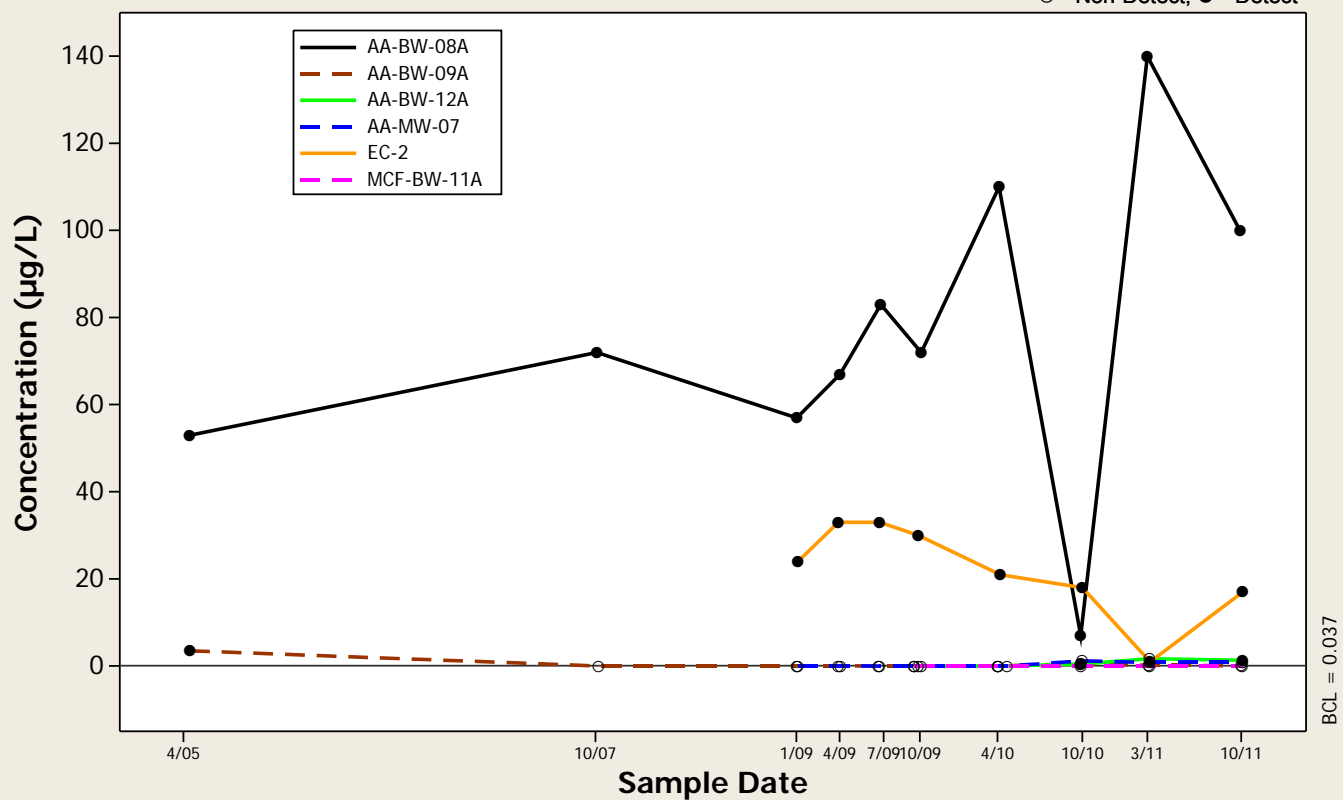
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = beta-BHC

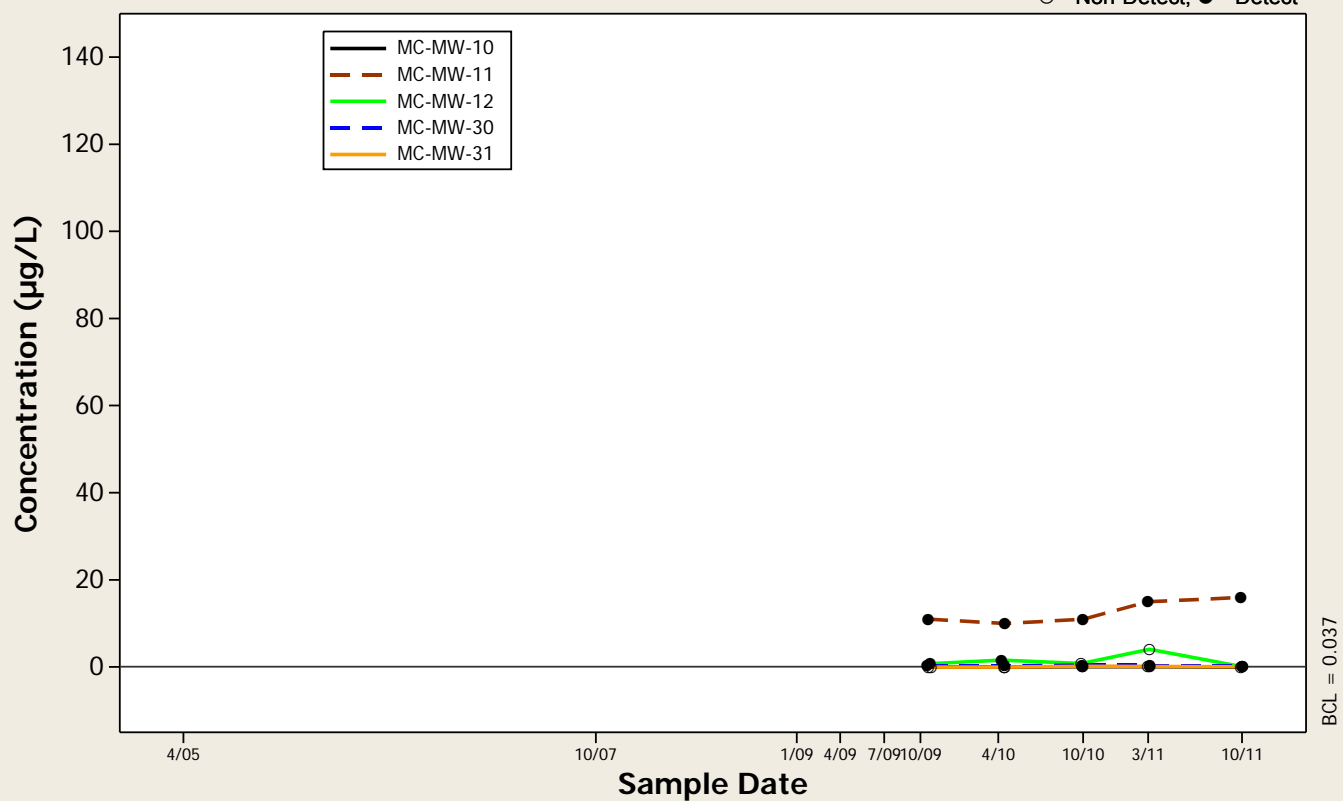
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = beta-BHC

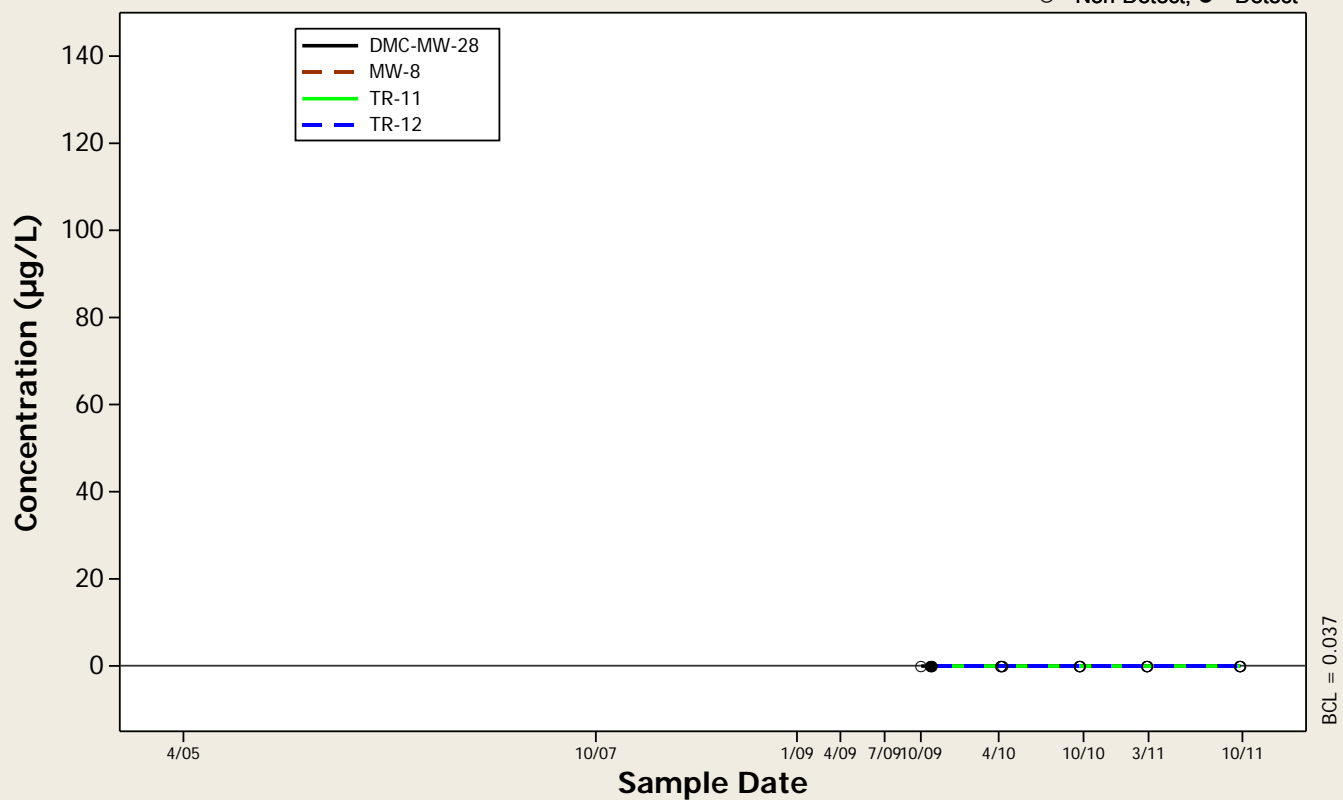
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = beta-BHC

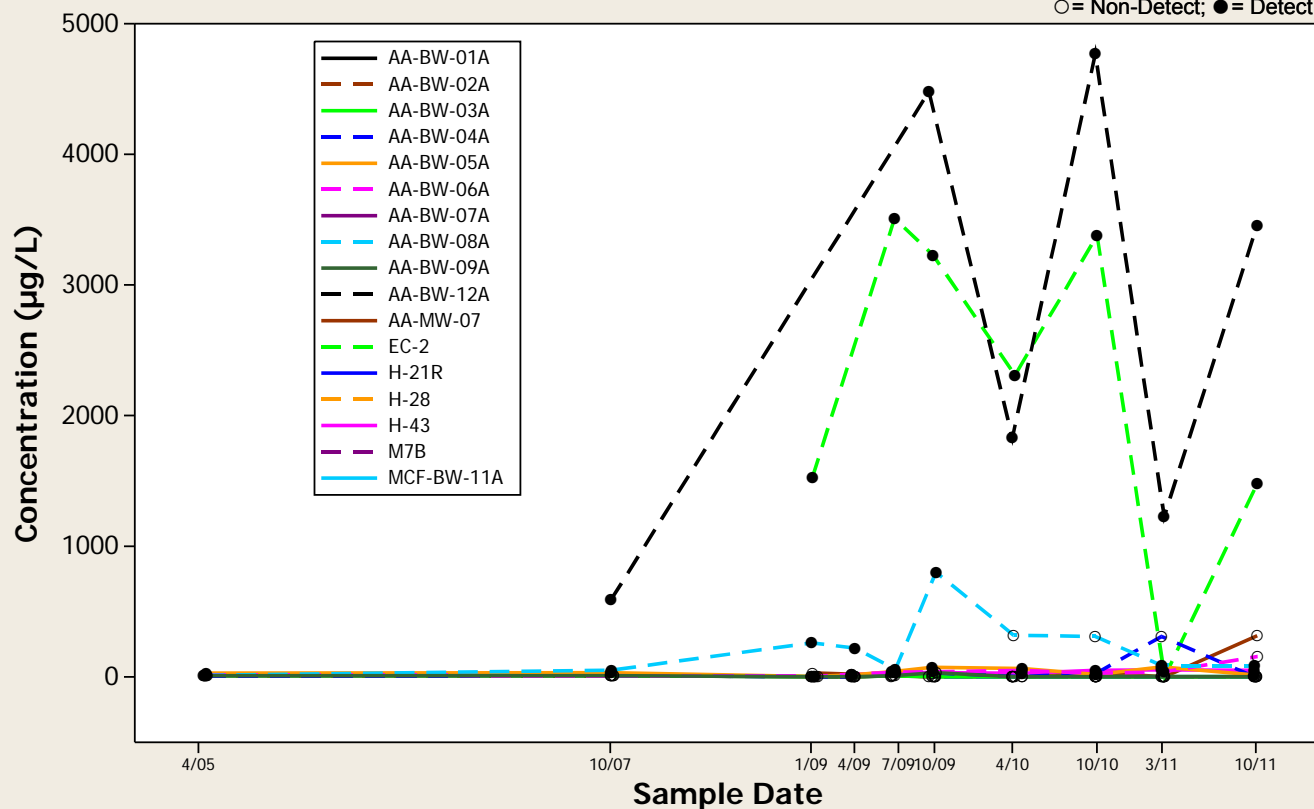
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = bis(p-Chlorophenyl)disulfide

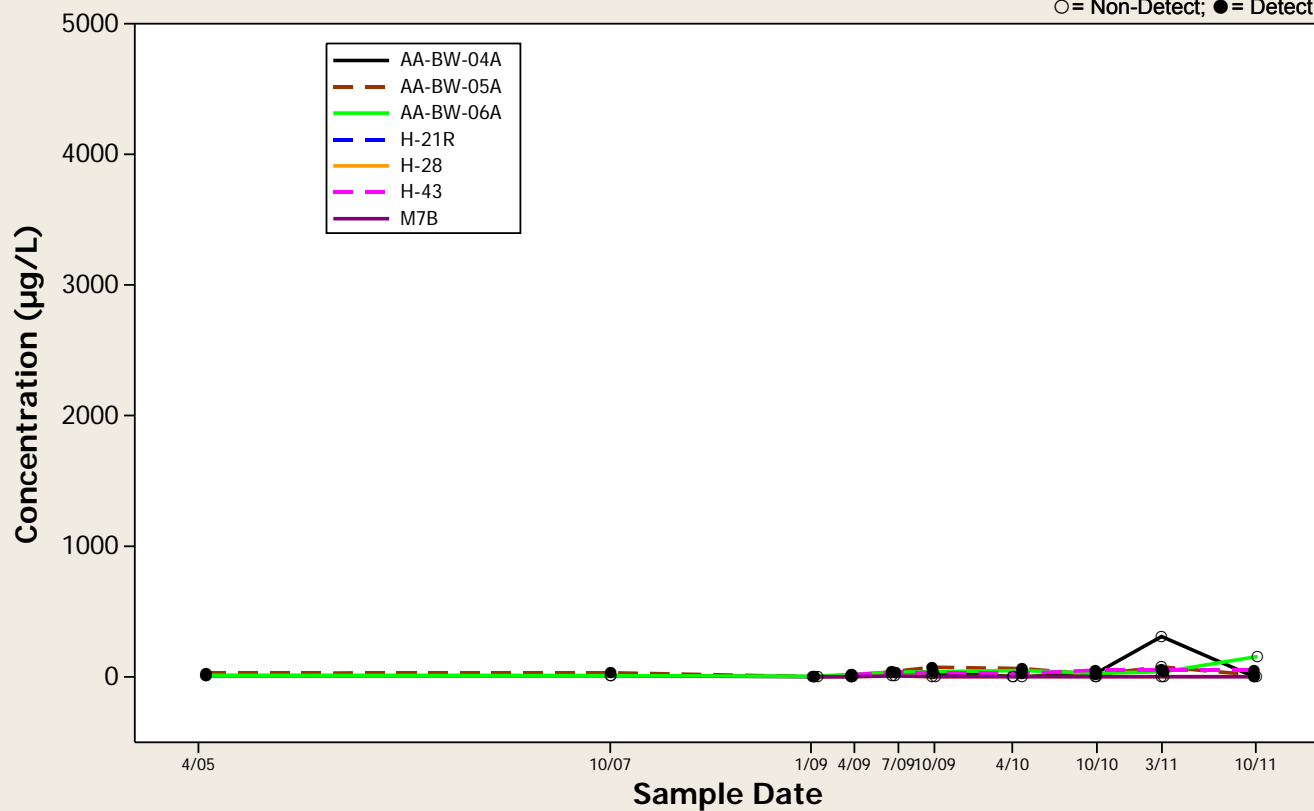
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = bis(p-Chlorophenyl)disulfide

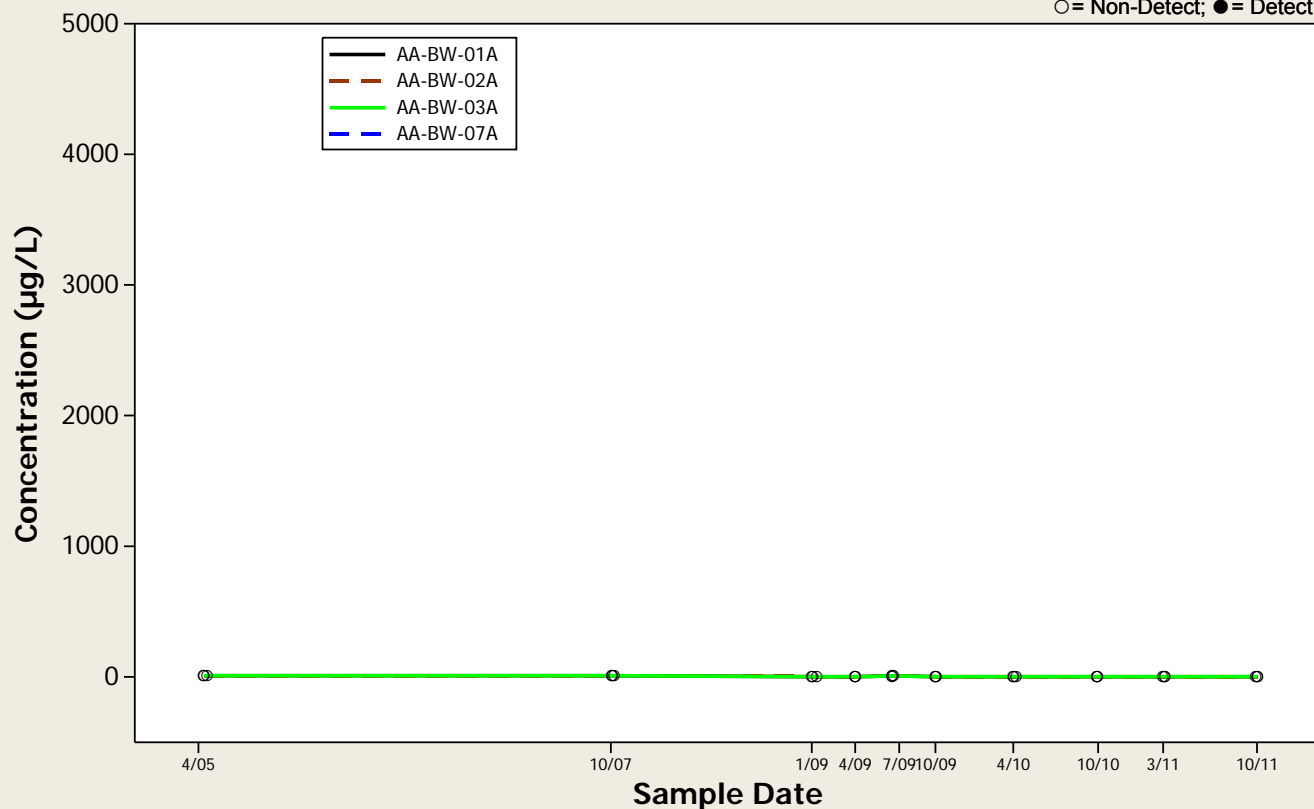
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = bis(p-Chlorophenyl)disulfide

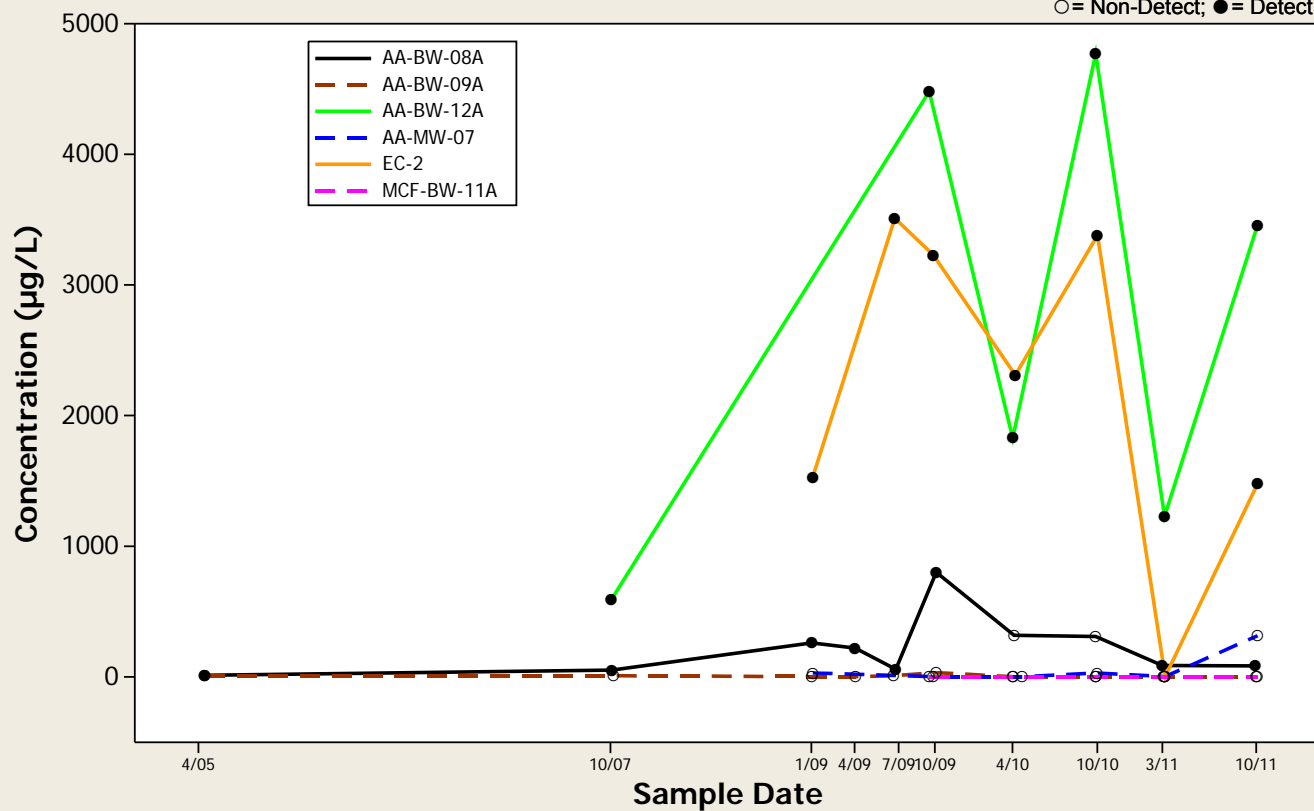
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = bis(p-Chlorophenyl)disulfide

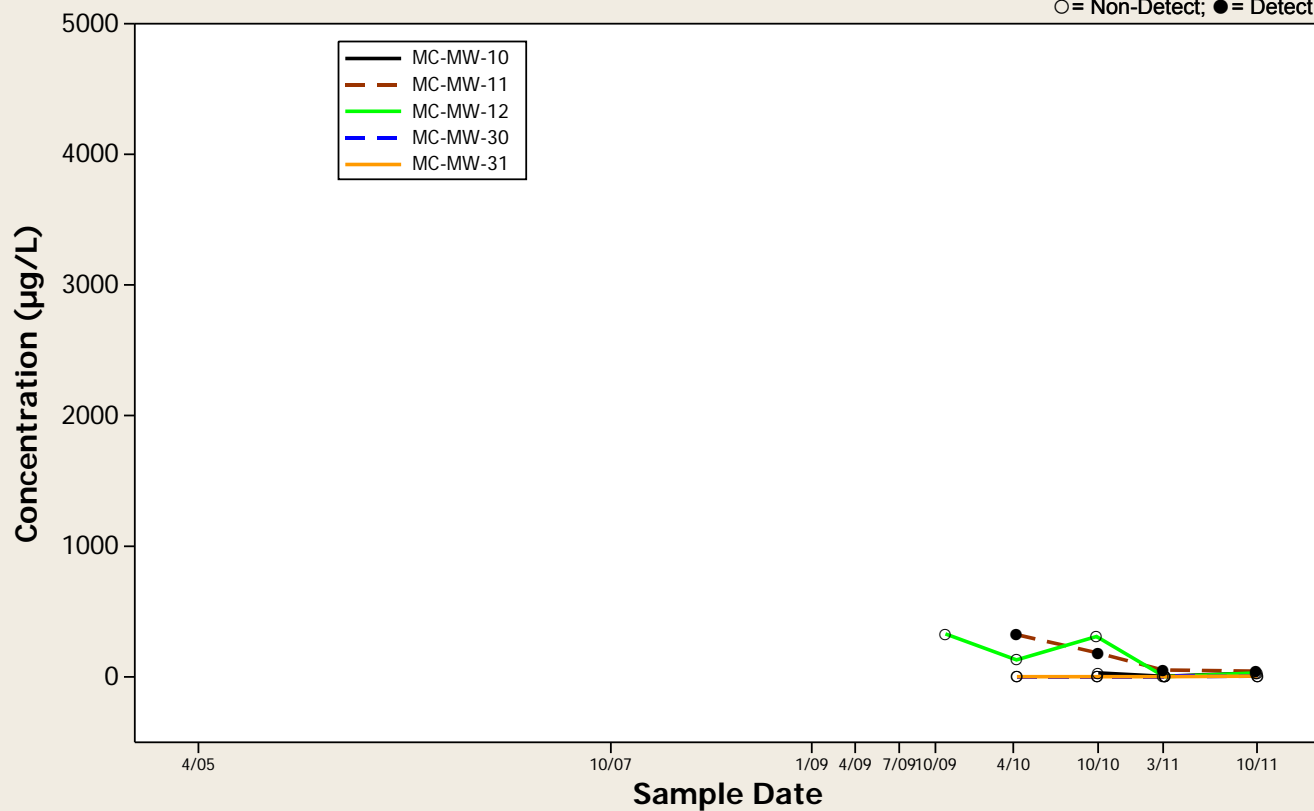
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = bis(p-Chlorophenyl)disulfide

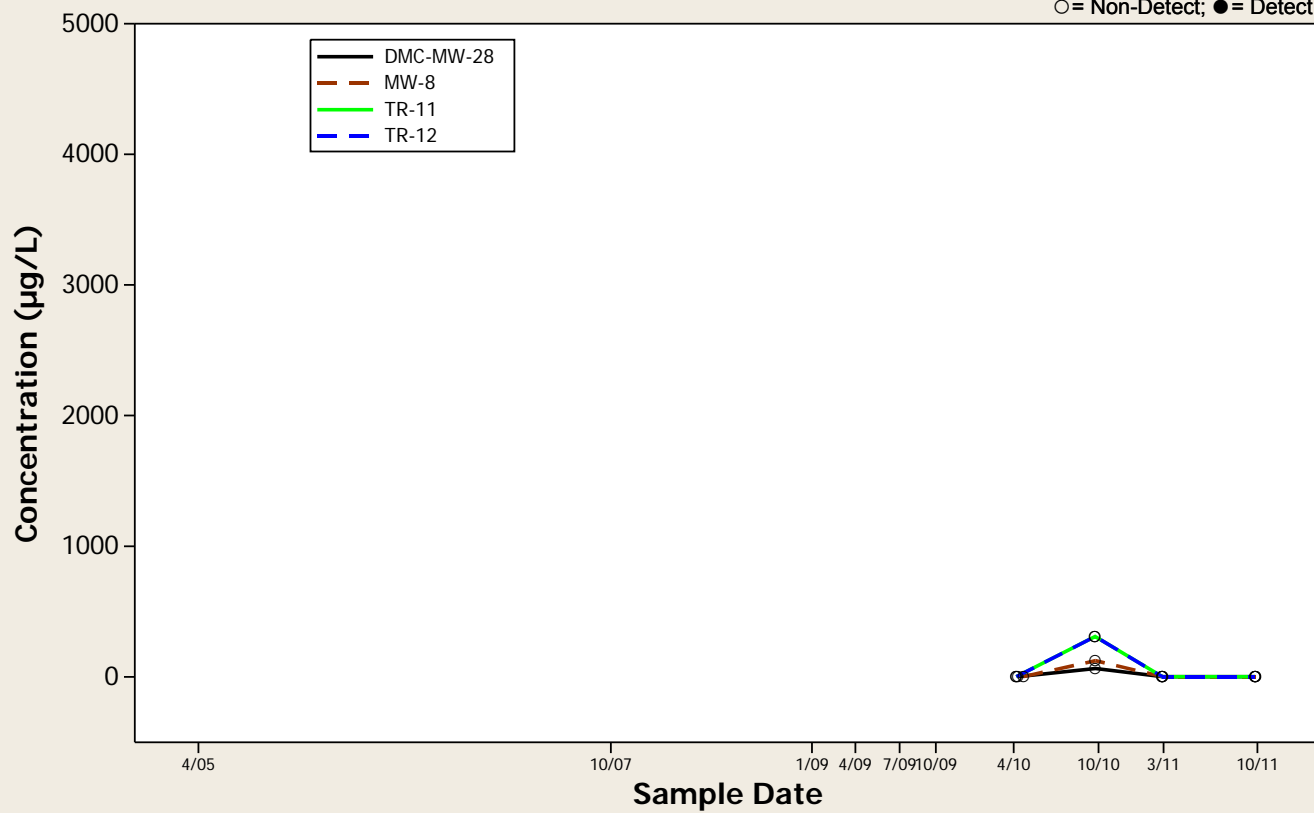
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = bis(p-Chlorophenyl)disulfide

○ = Non-Detect; ● = Detect



Analyte = Chlorine

Concentration (mg/L)

Sample Date

Legend:

- AA-BW-01A
- AA-BW-02A
- AA-BW-03A
- AA-BW-04A
- AA-BW-05A
- AA-BW-06A
- AA-BW-07A
- AA-BW-08A
- AA-BW-09A
- AA-BW-12A
- AA-MW-07
- EC-2
- H-21R
- H-28
- H-43
- M7B
- MCF-BW-11A

Detection Status:

- = Non-Detect
- = Detect

MCL/BCL = 4

Analyte = Chlorine

Concentration (mg/L)

Sample Date

Legend:

- AA-BW-04A (Solid black line)
- AA-BW-05A (Dashed brown line)
- AA-BW-06A (Solid green line)
- H-21R (Dashed blue line)
- H-28 (Solid orange line)
- H-43 (Dashed magenta line)
- M7B (Solid purple line)

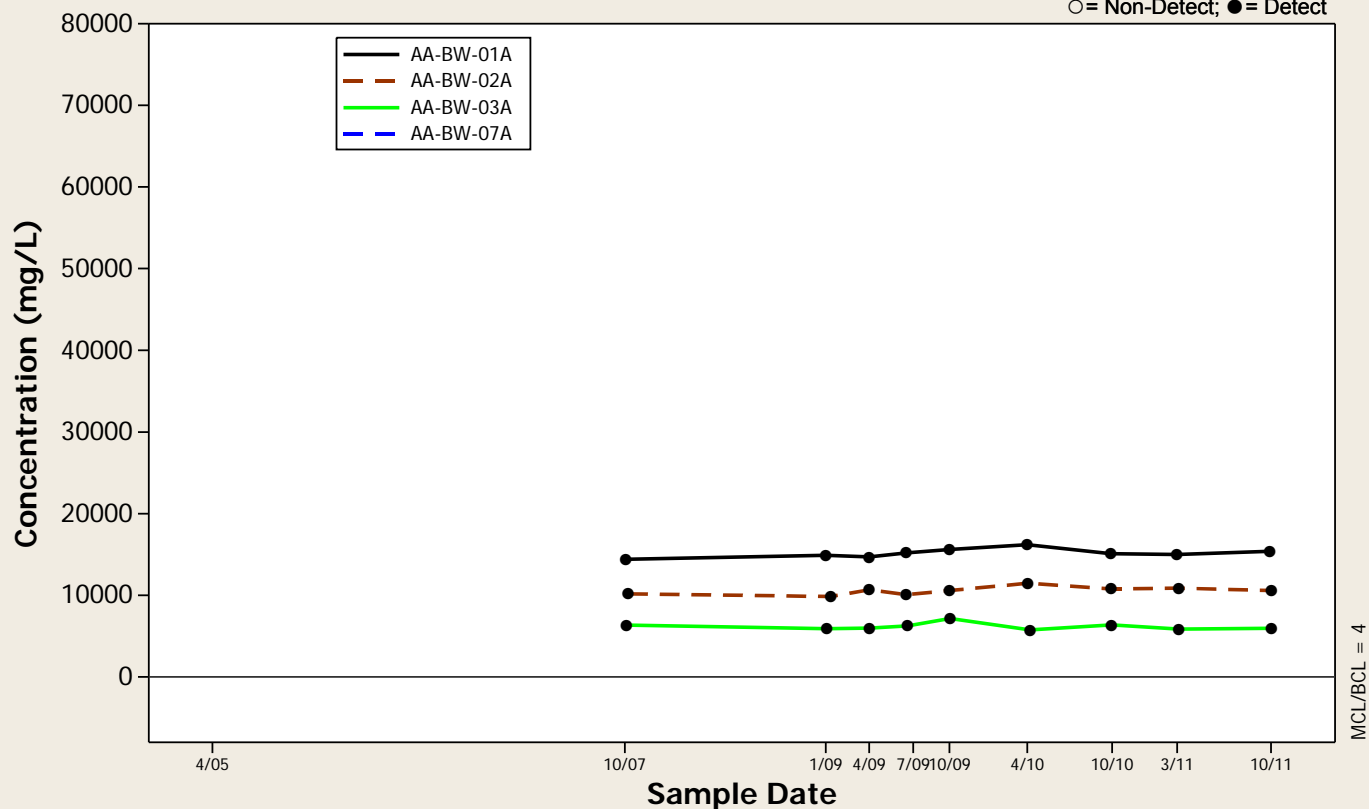
○ = Non-Detect; ● = Detect

MCL/BCL = 4

Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Chlorine

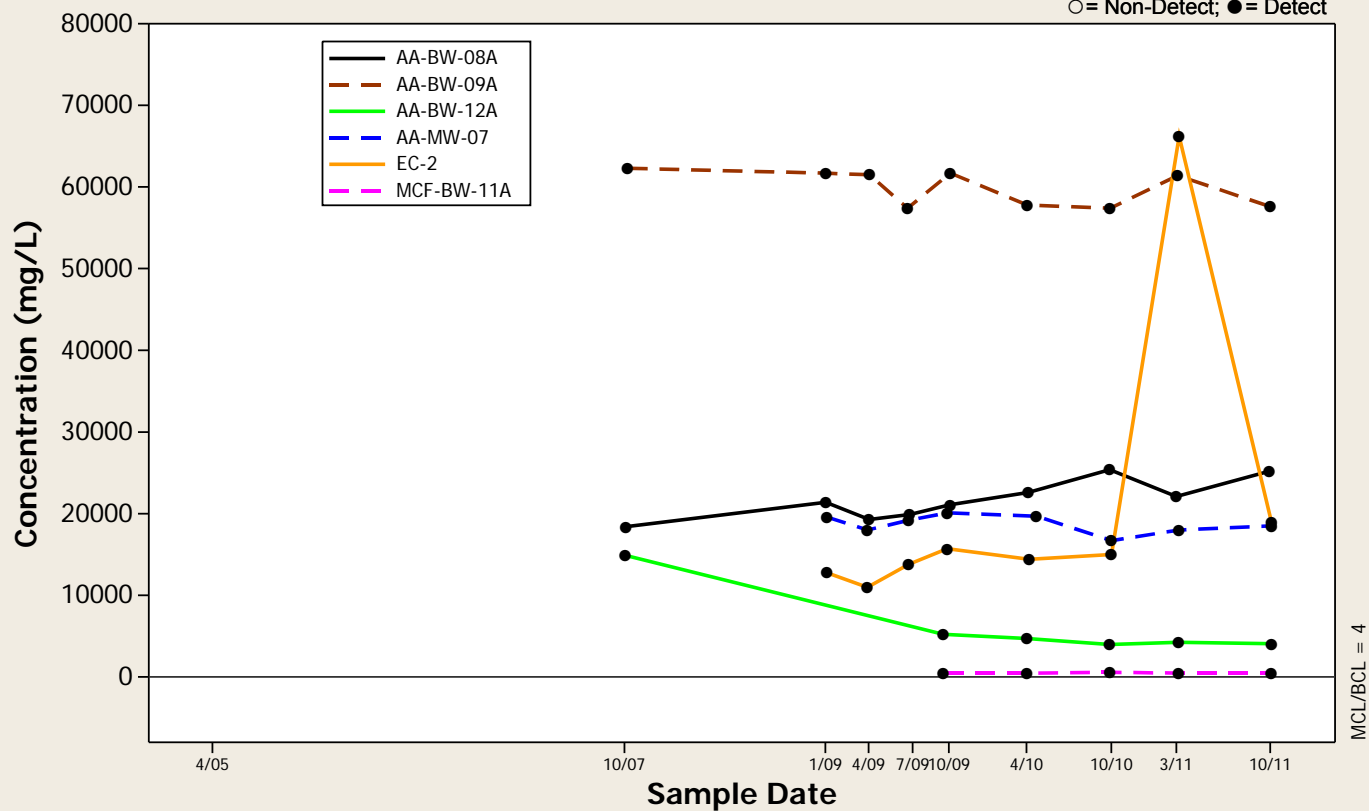
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Chlorine

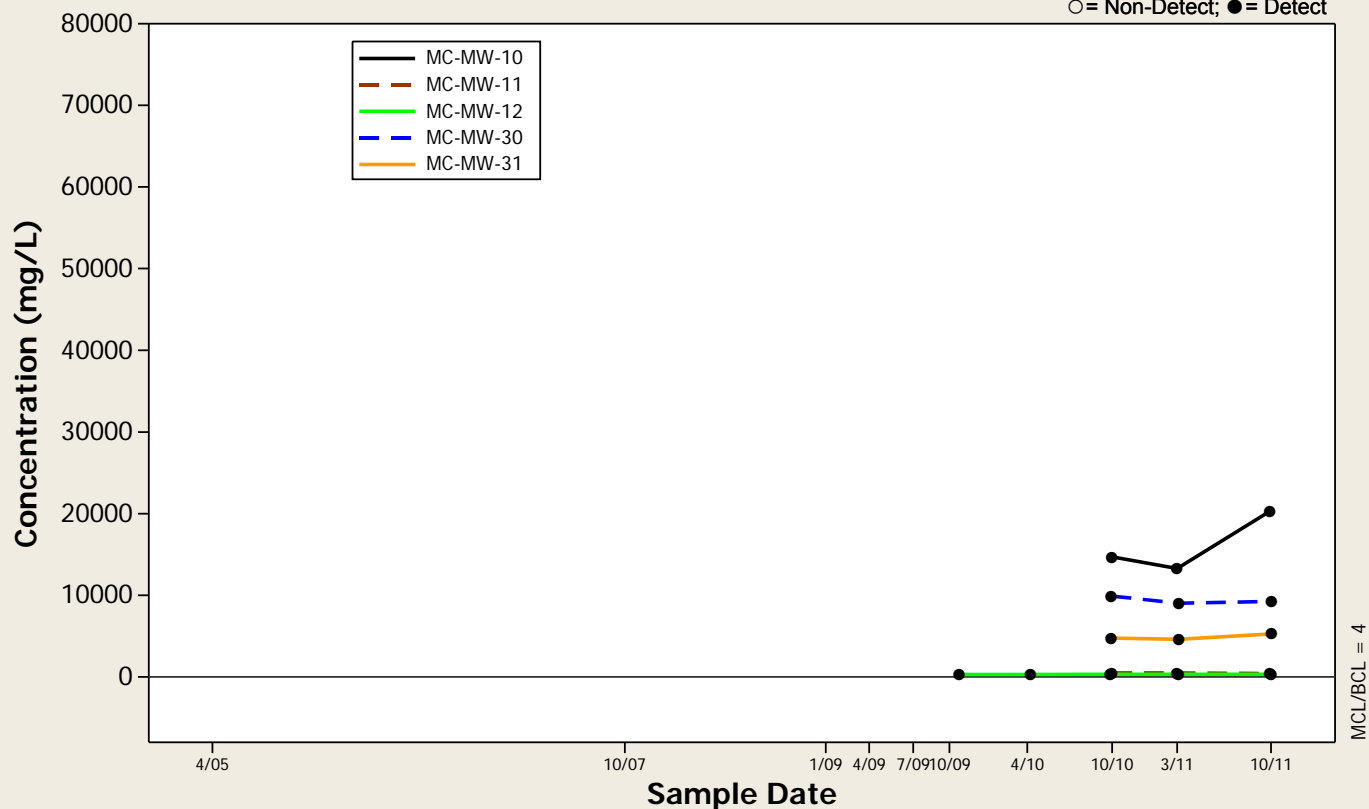
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Chlorine

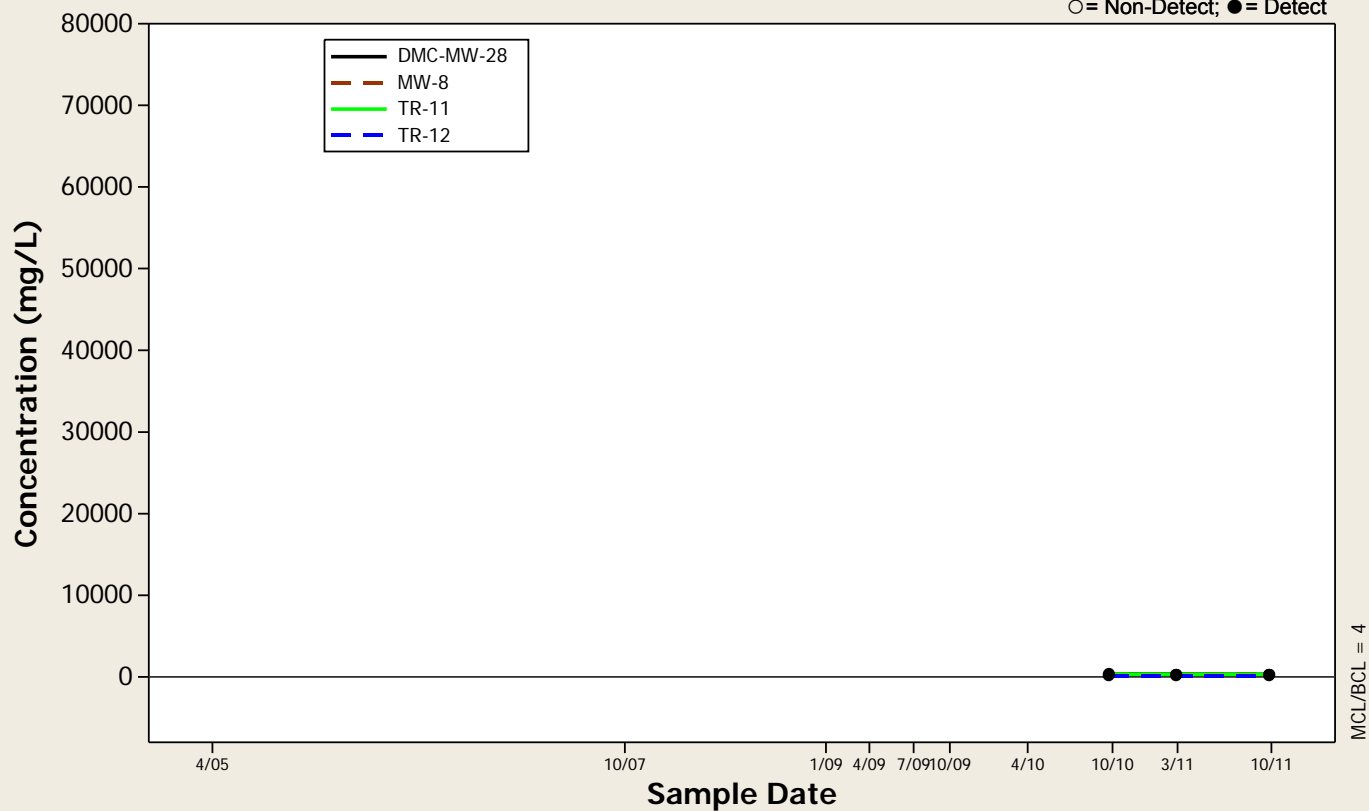
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Chlorine

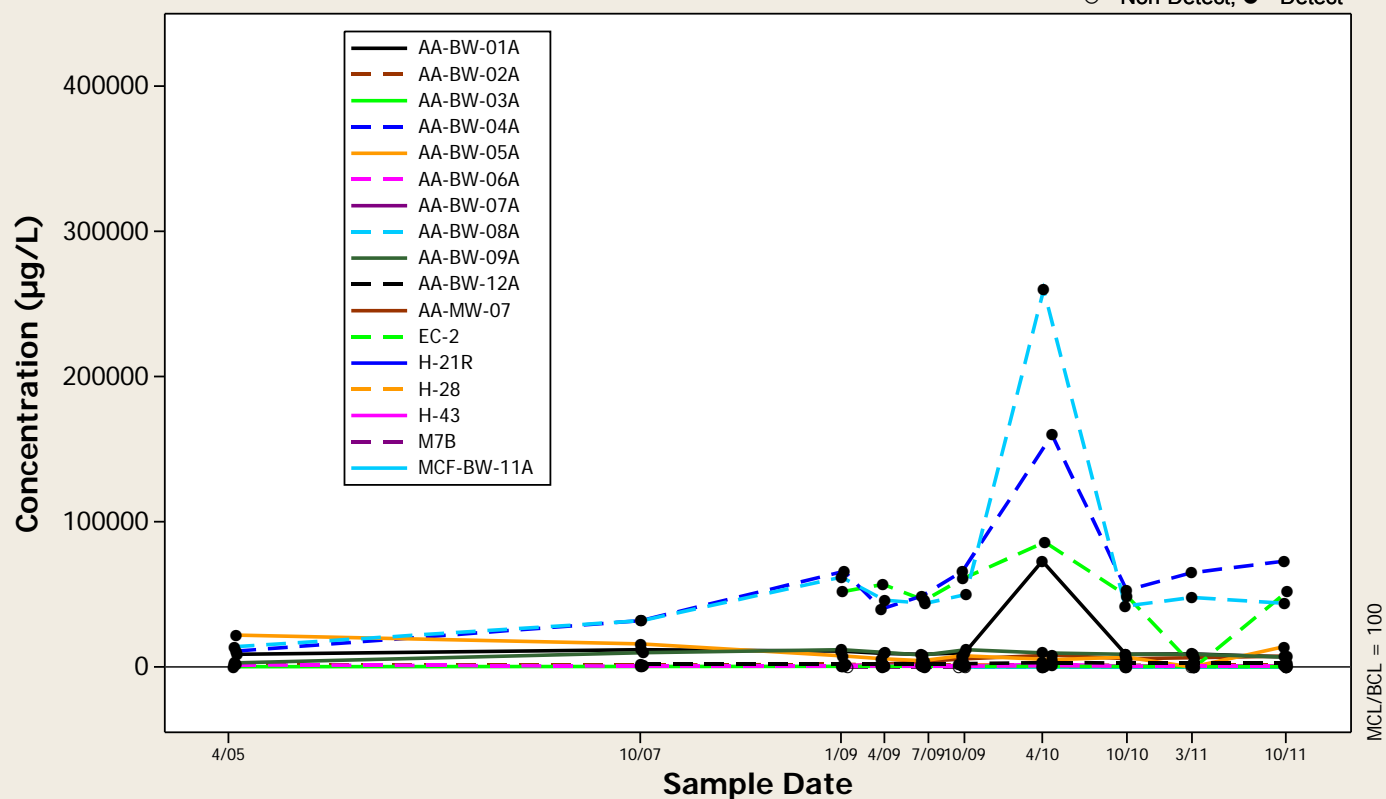
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Chlorobenzene

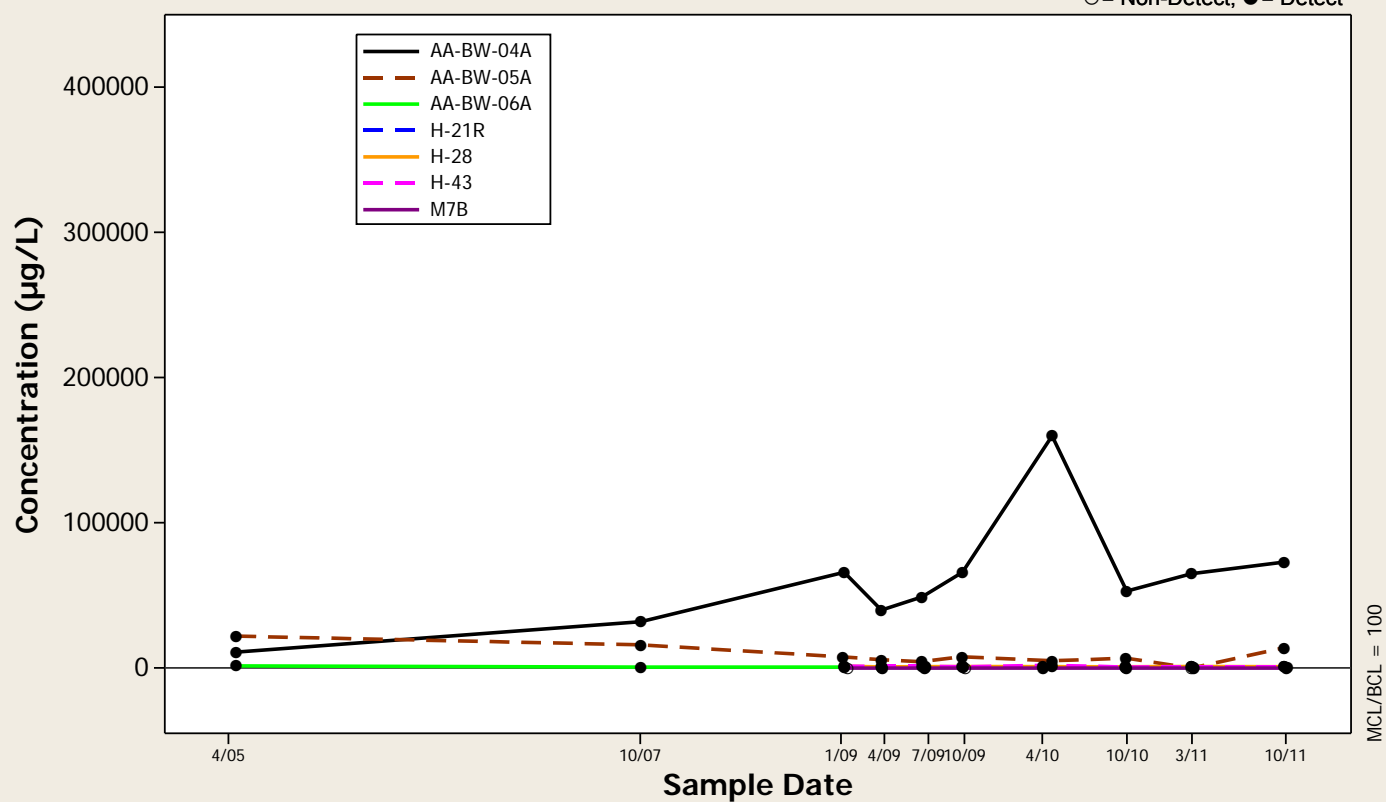
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Chlorobenzene

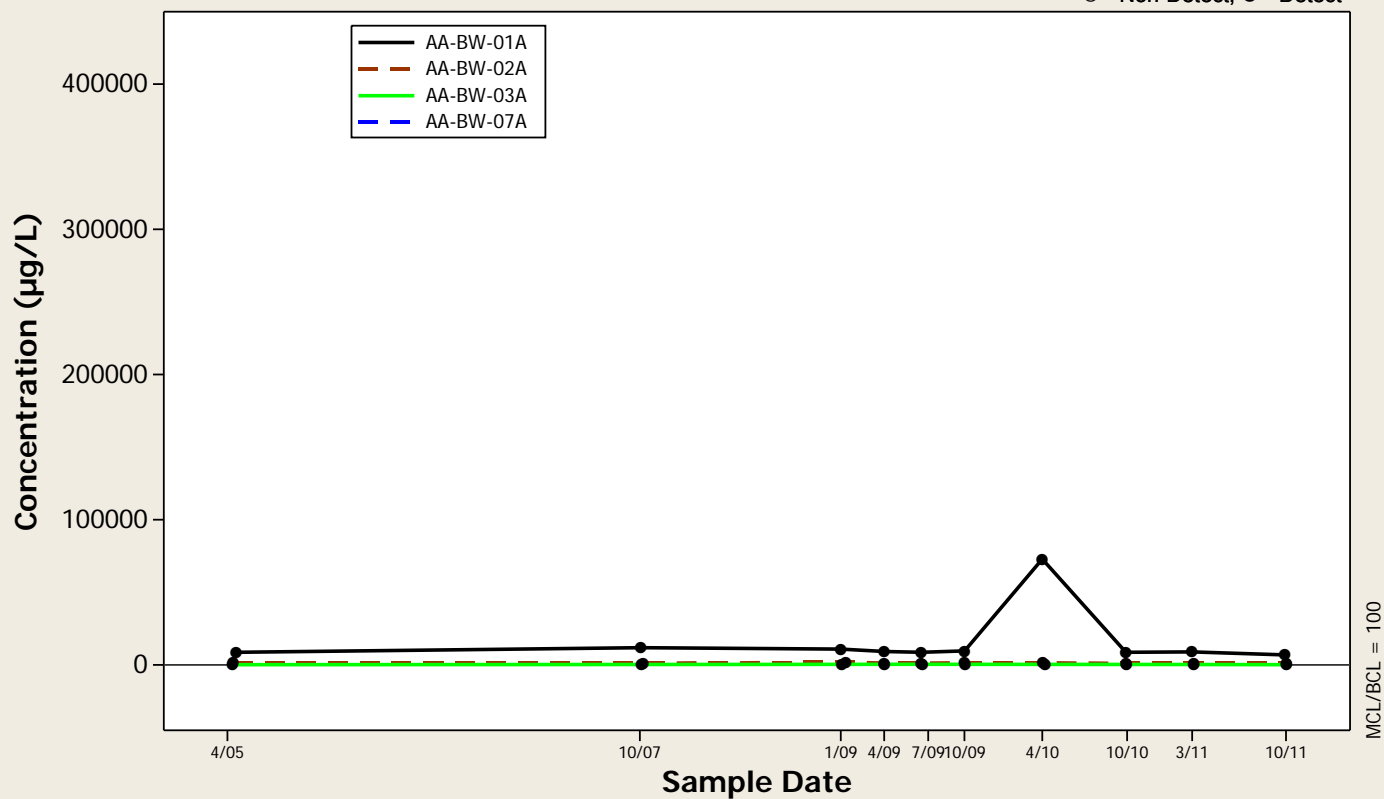
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Chlorobenzene

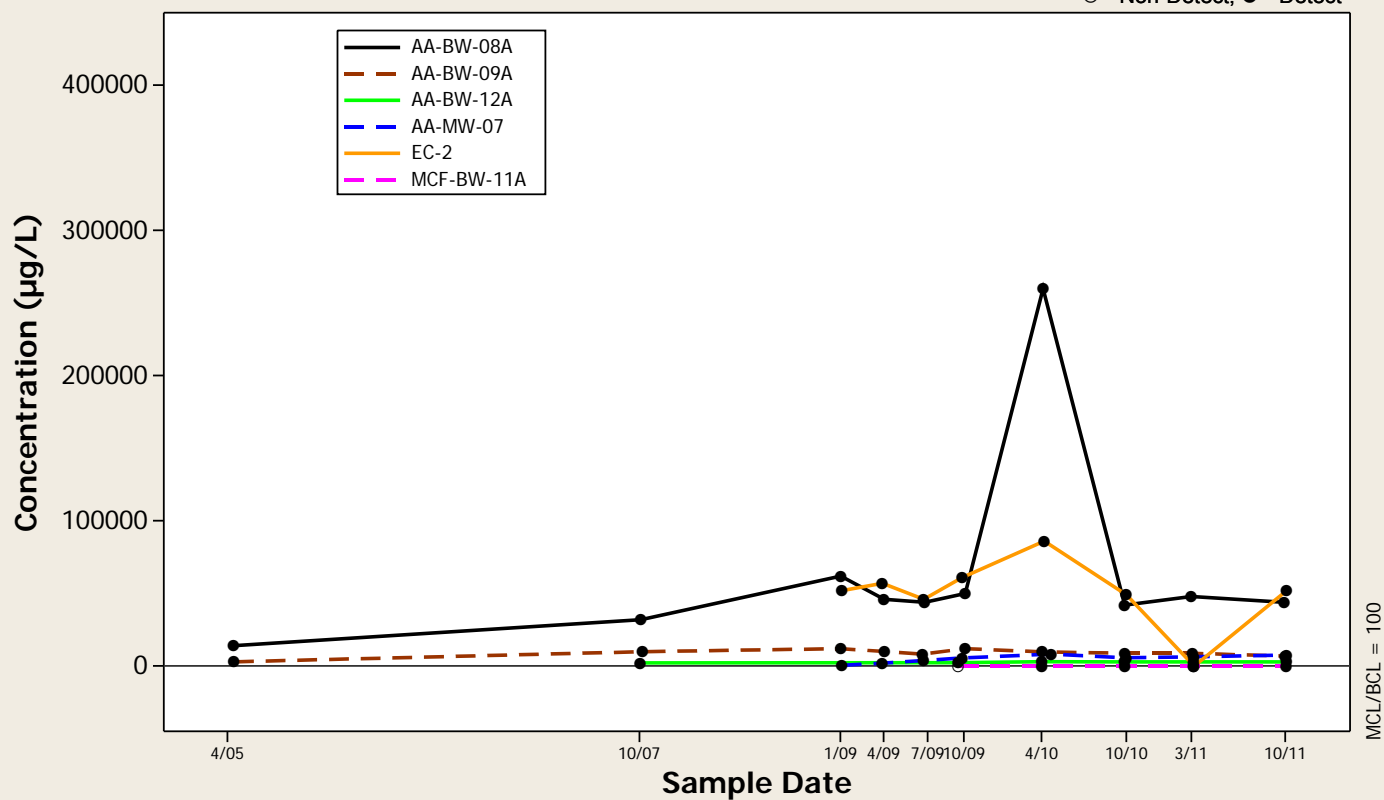
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Chlorobenzene

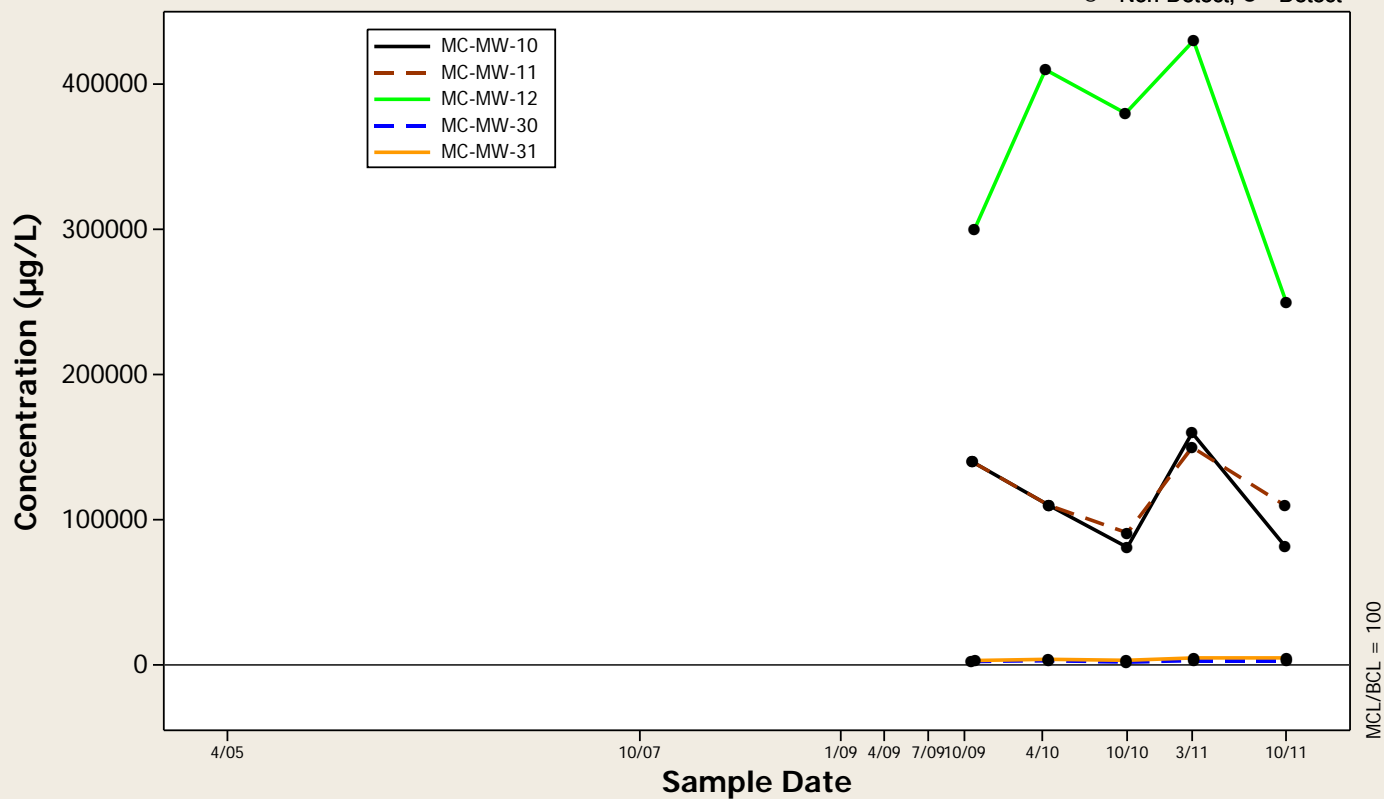
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Chlorobenzene

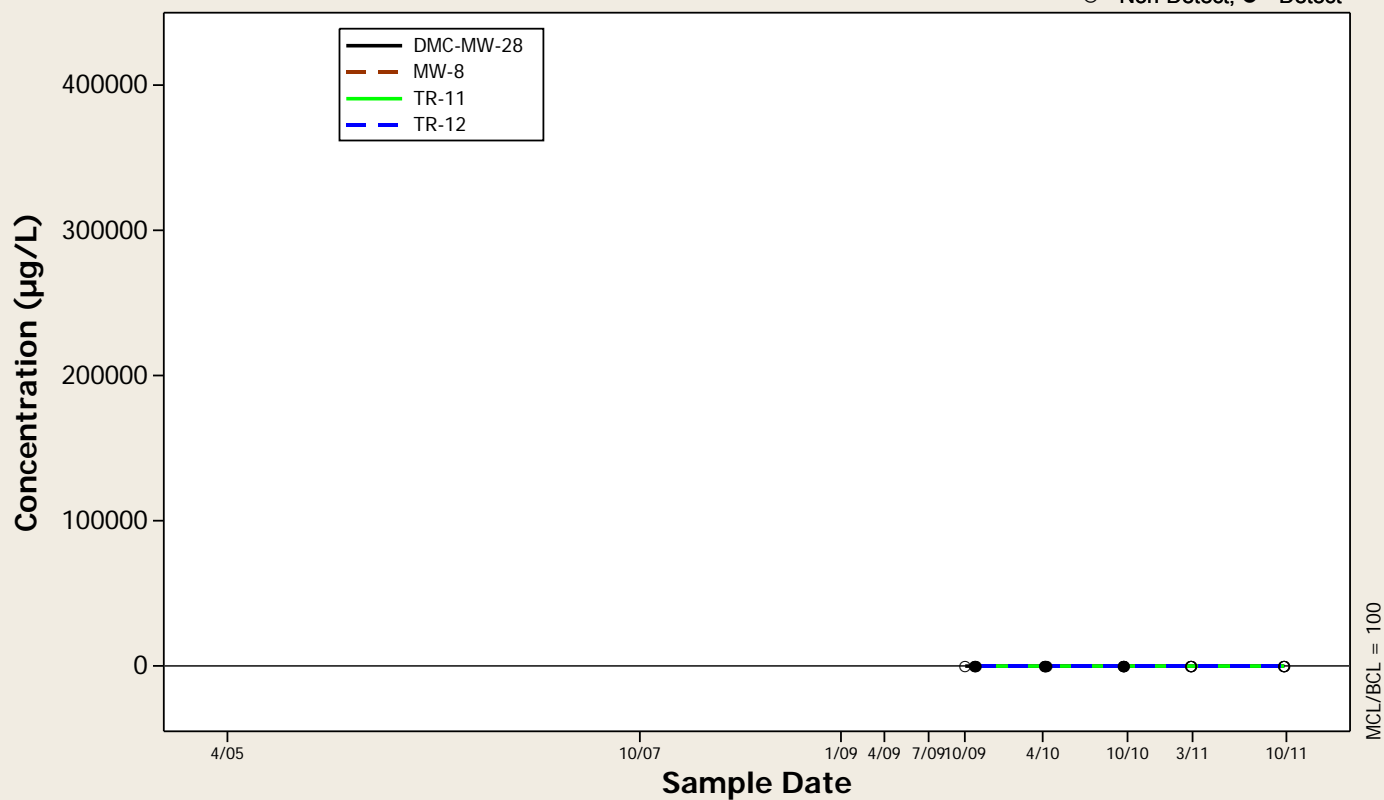
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Chlorobenzene

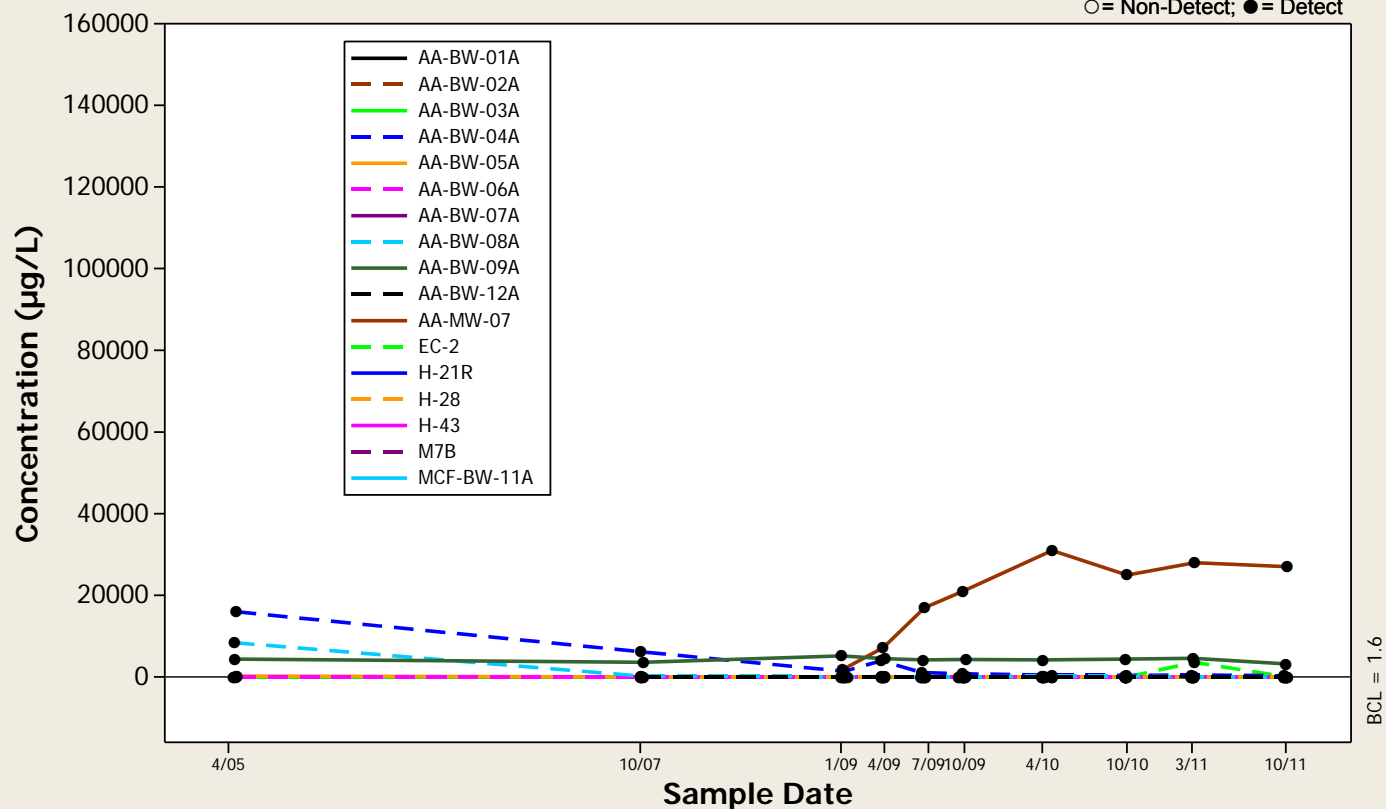
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Chloroform

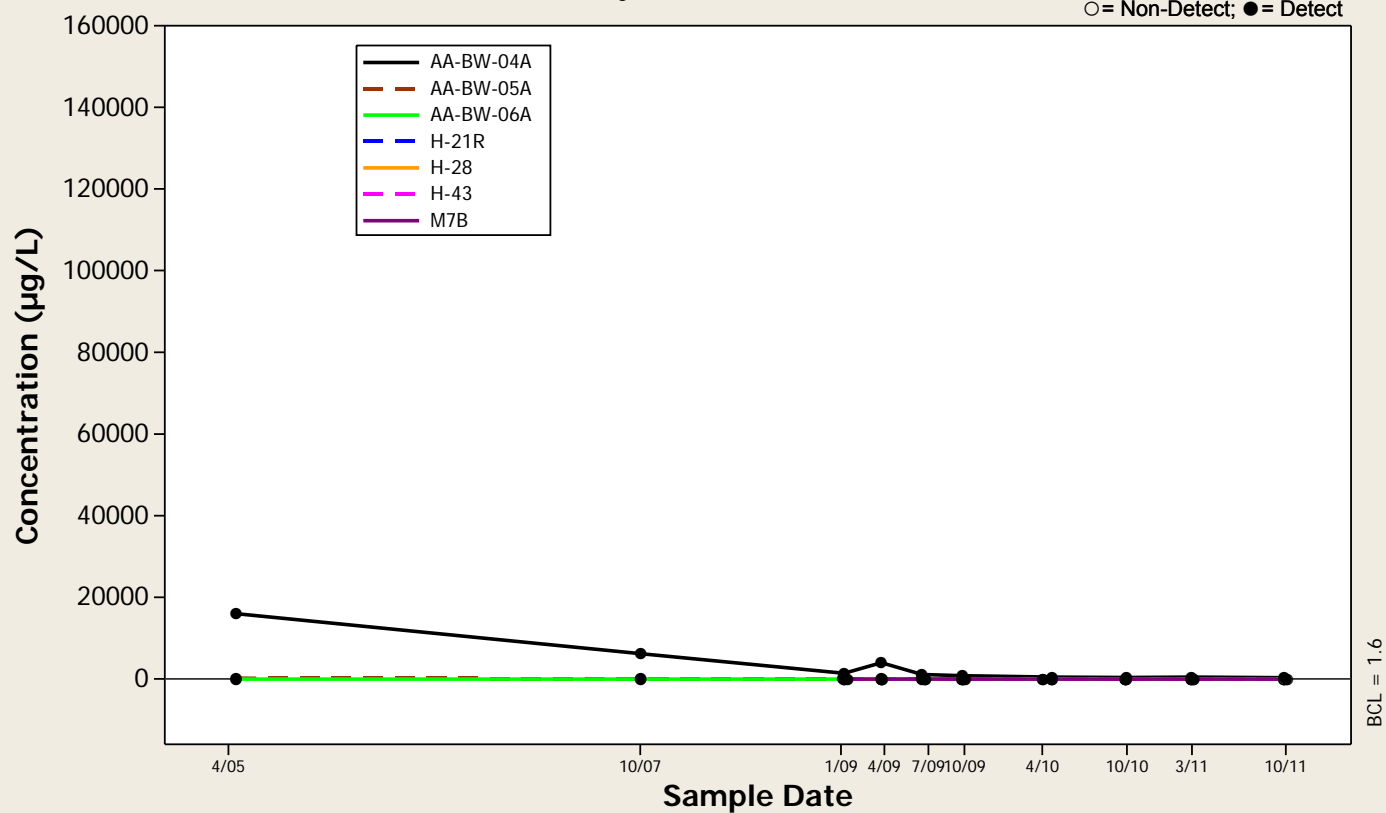
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Chloroform

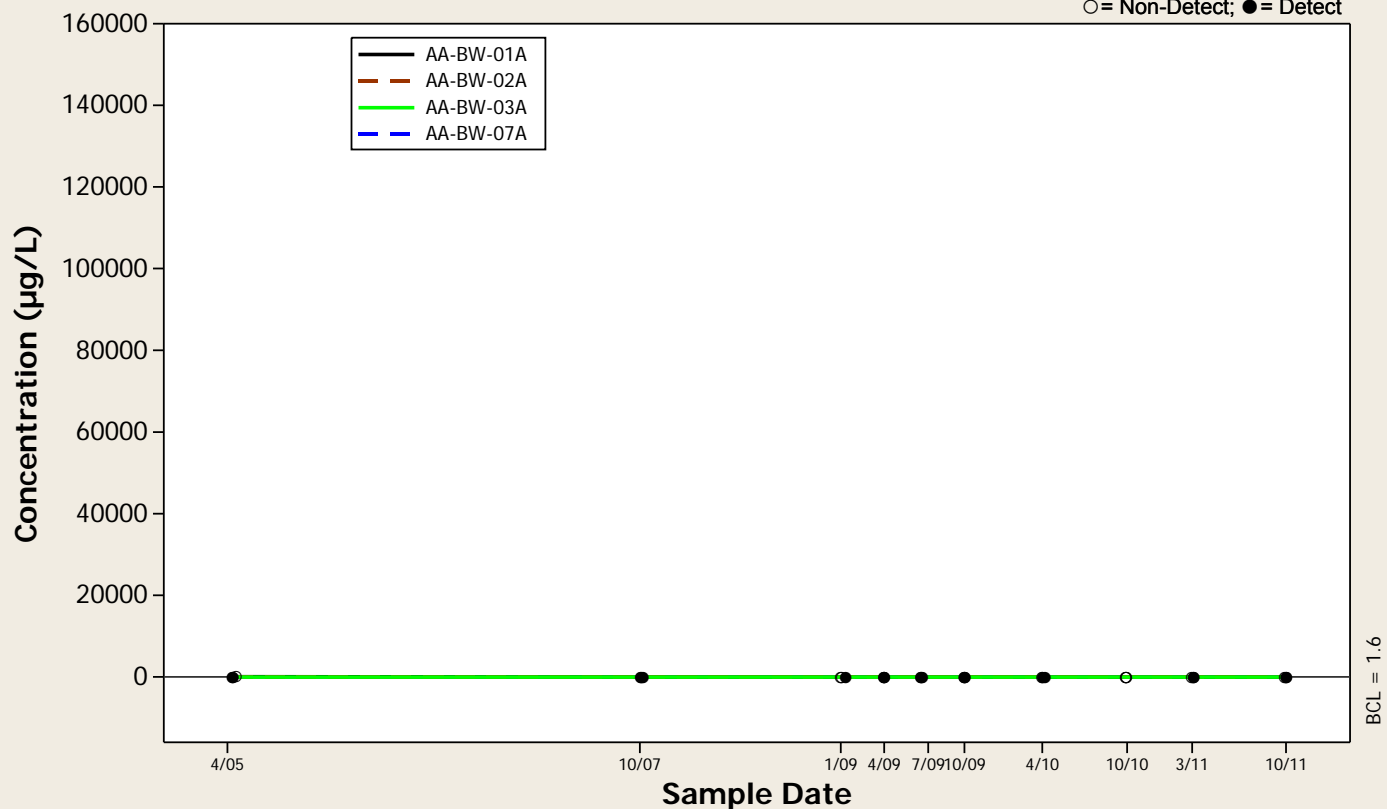
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Chloroform

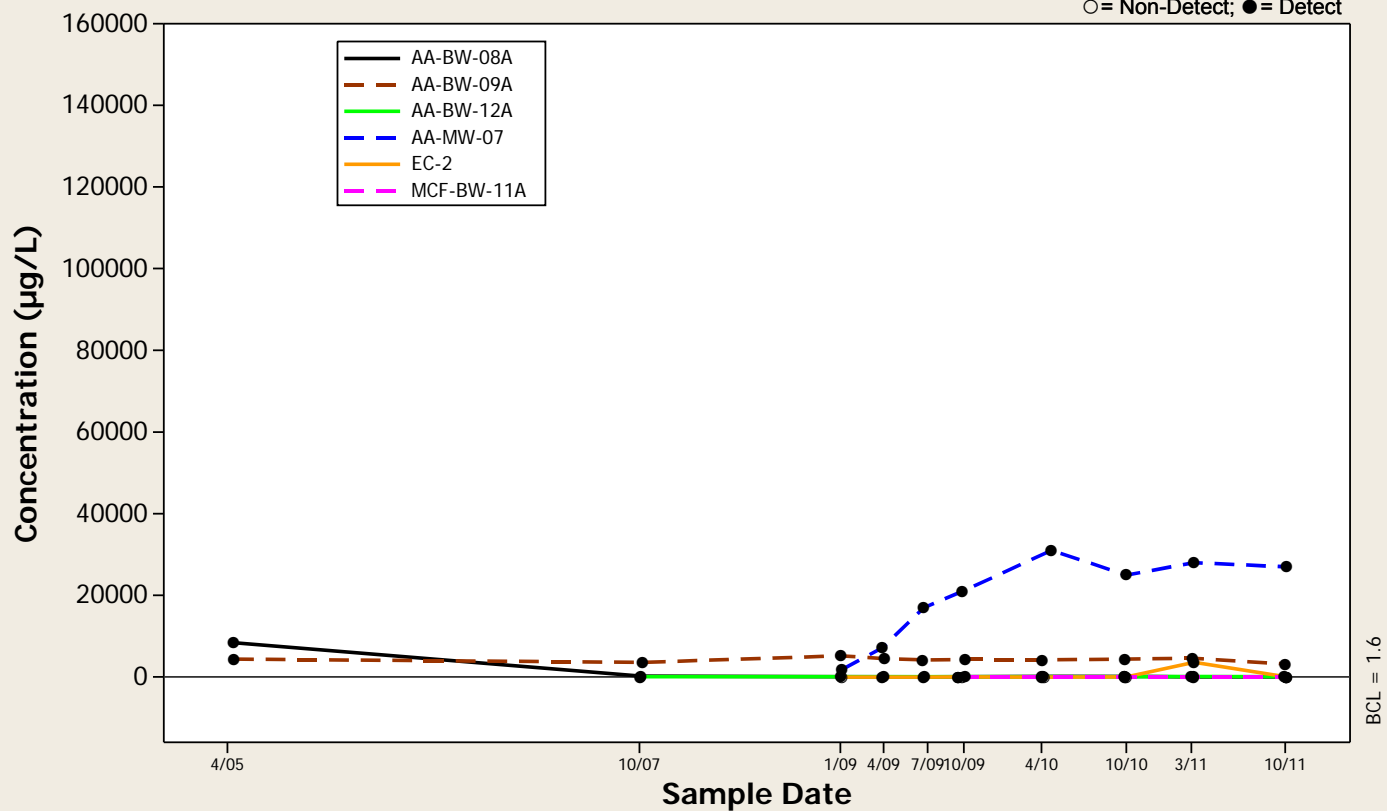
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Chloroform

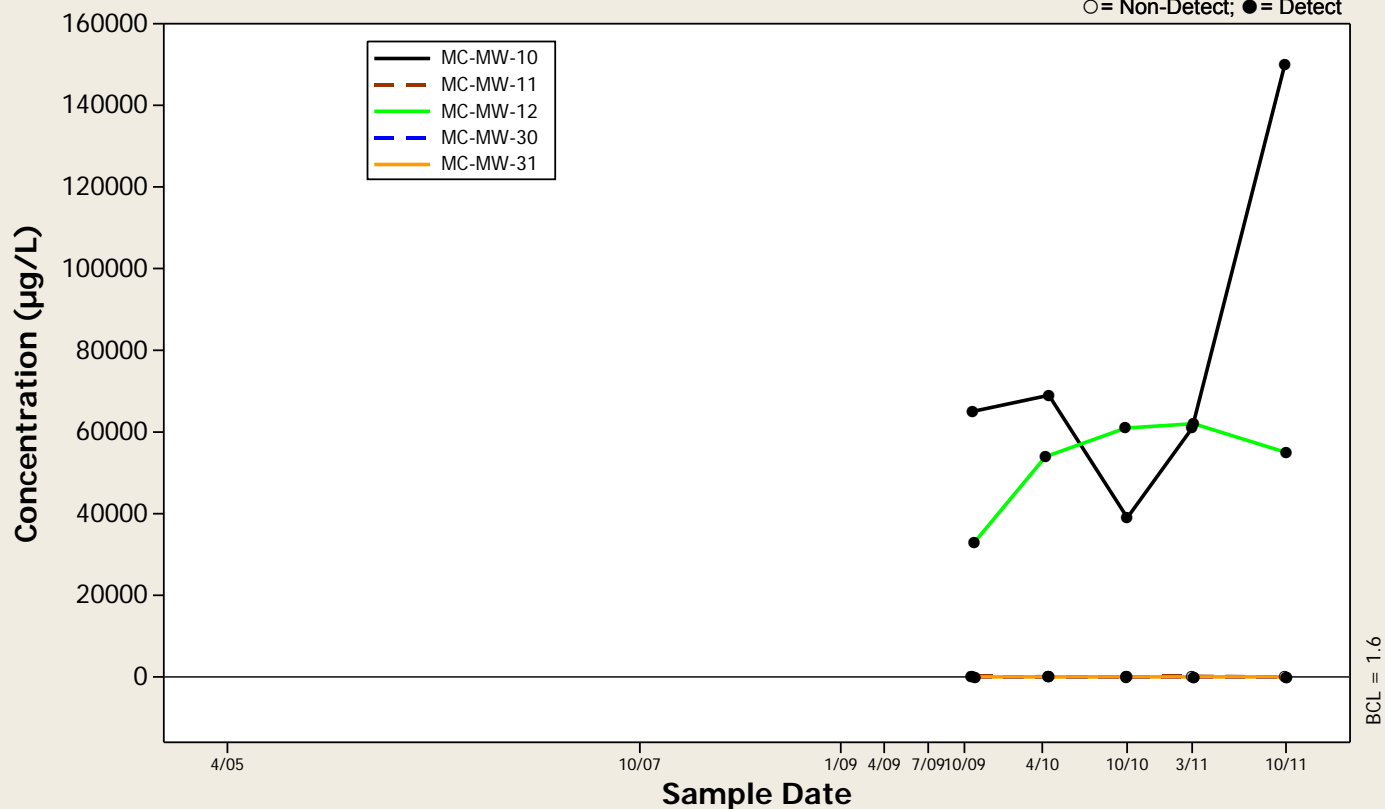
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Chloroform

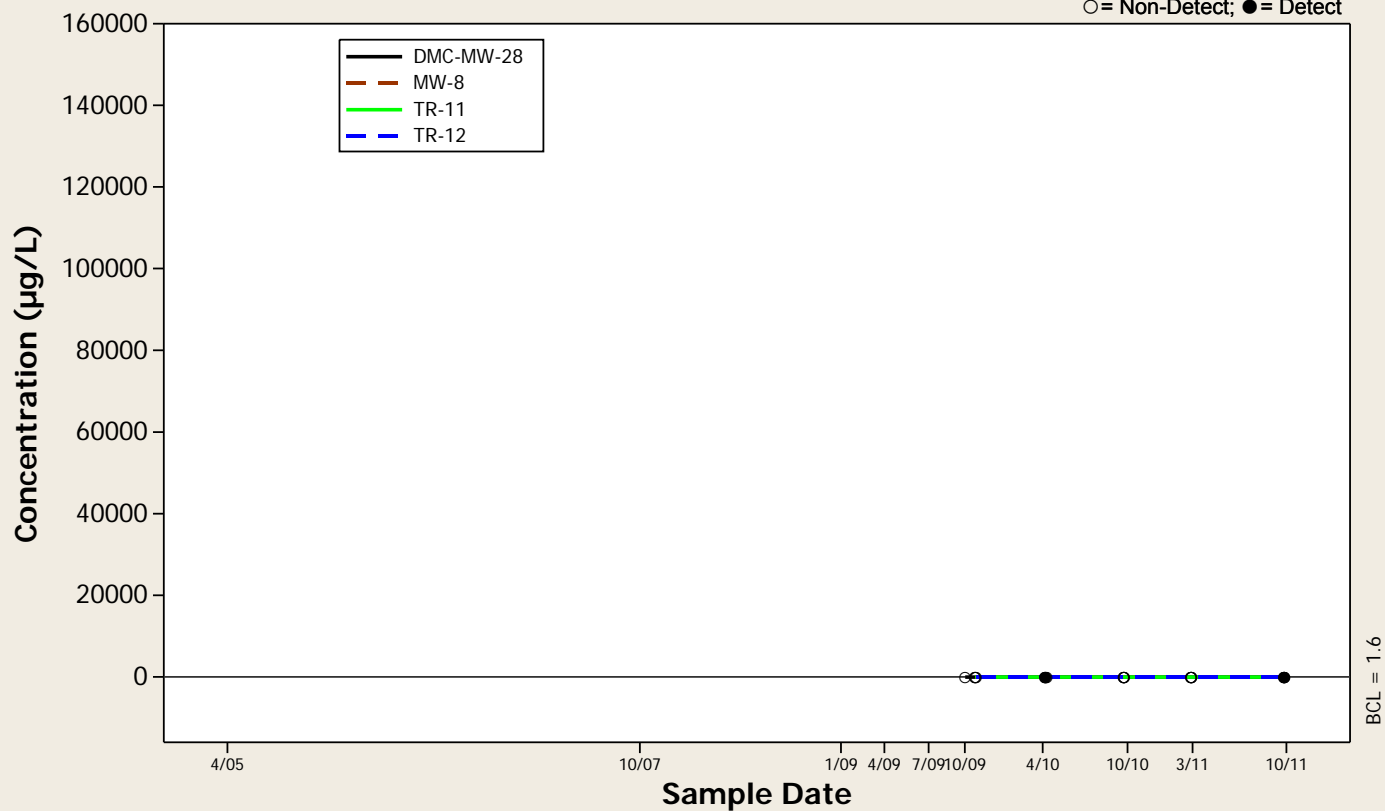
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Chloroform

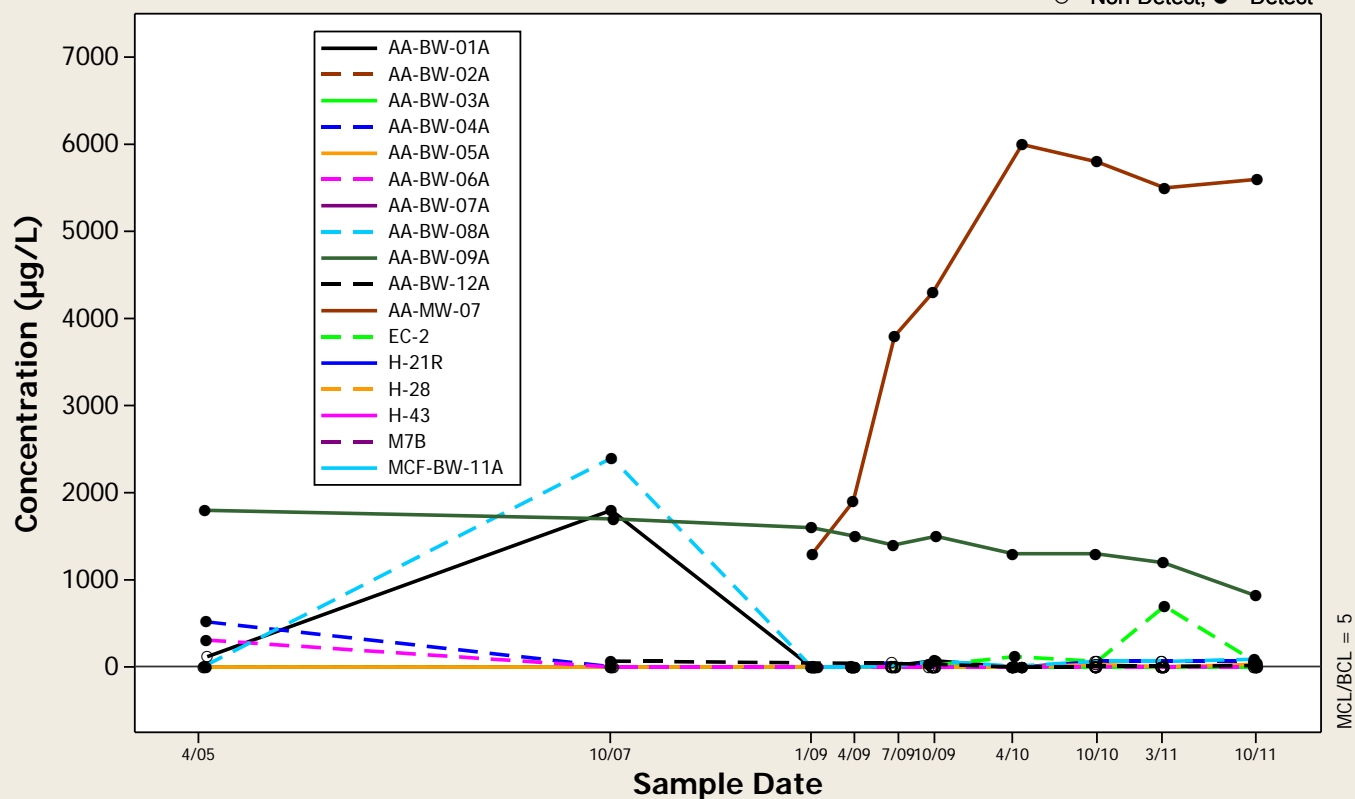
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Dichloromethane

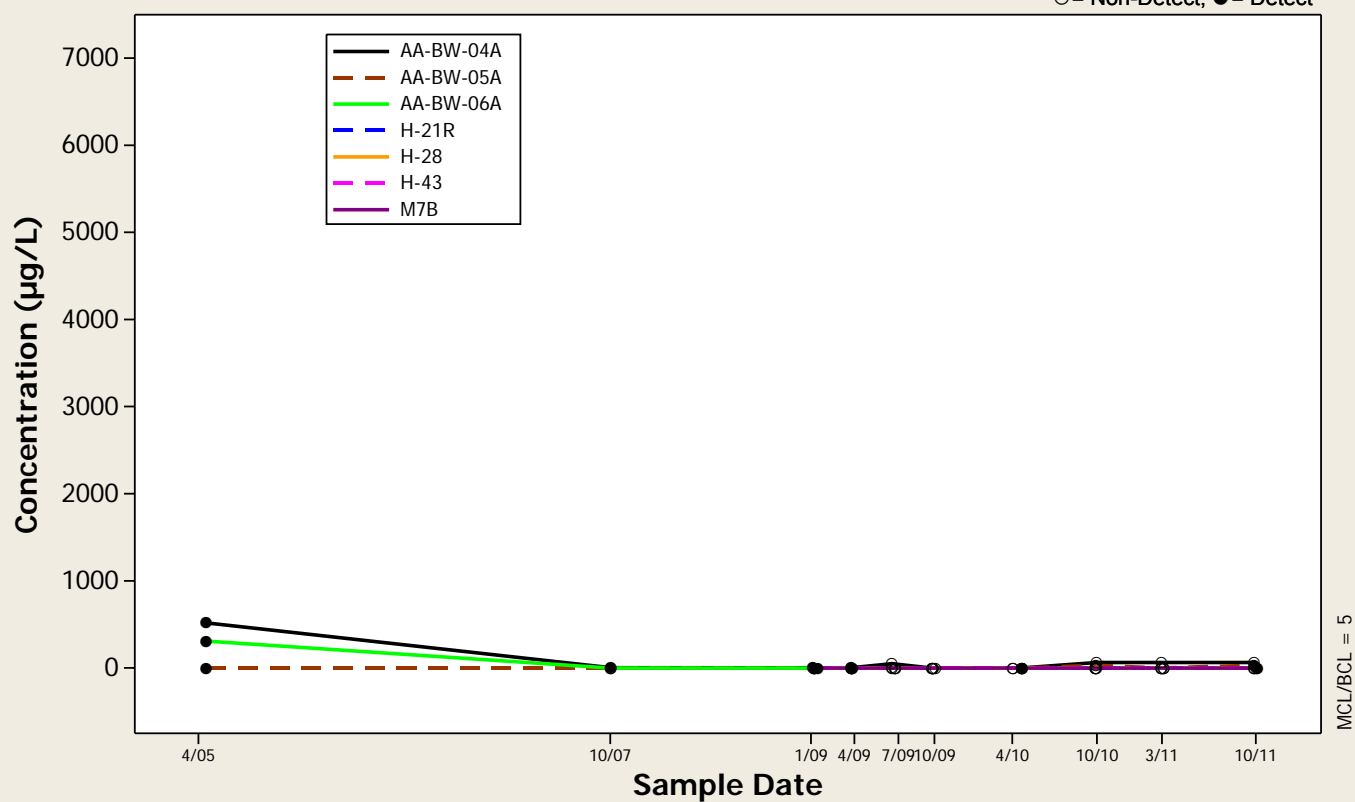
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Dichloromethane

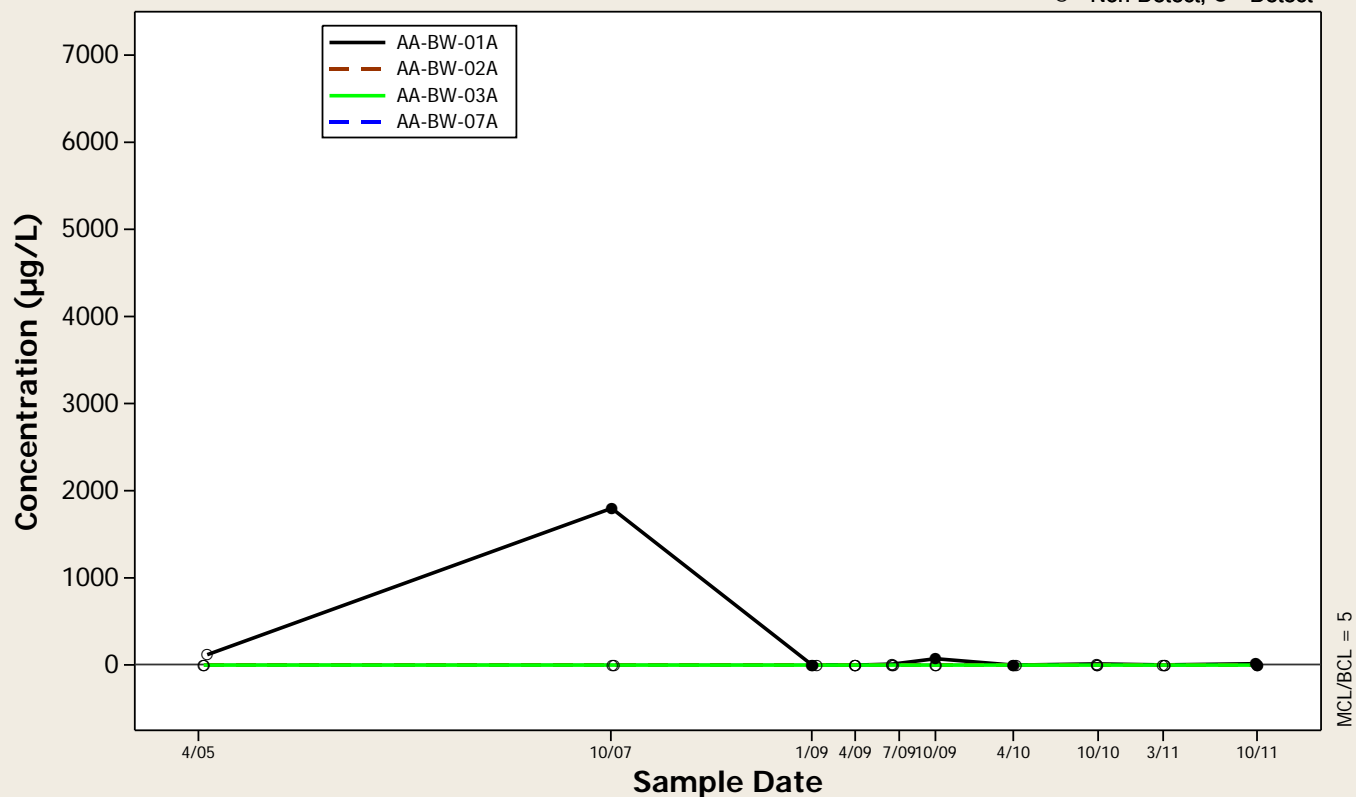
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Dichloromethane

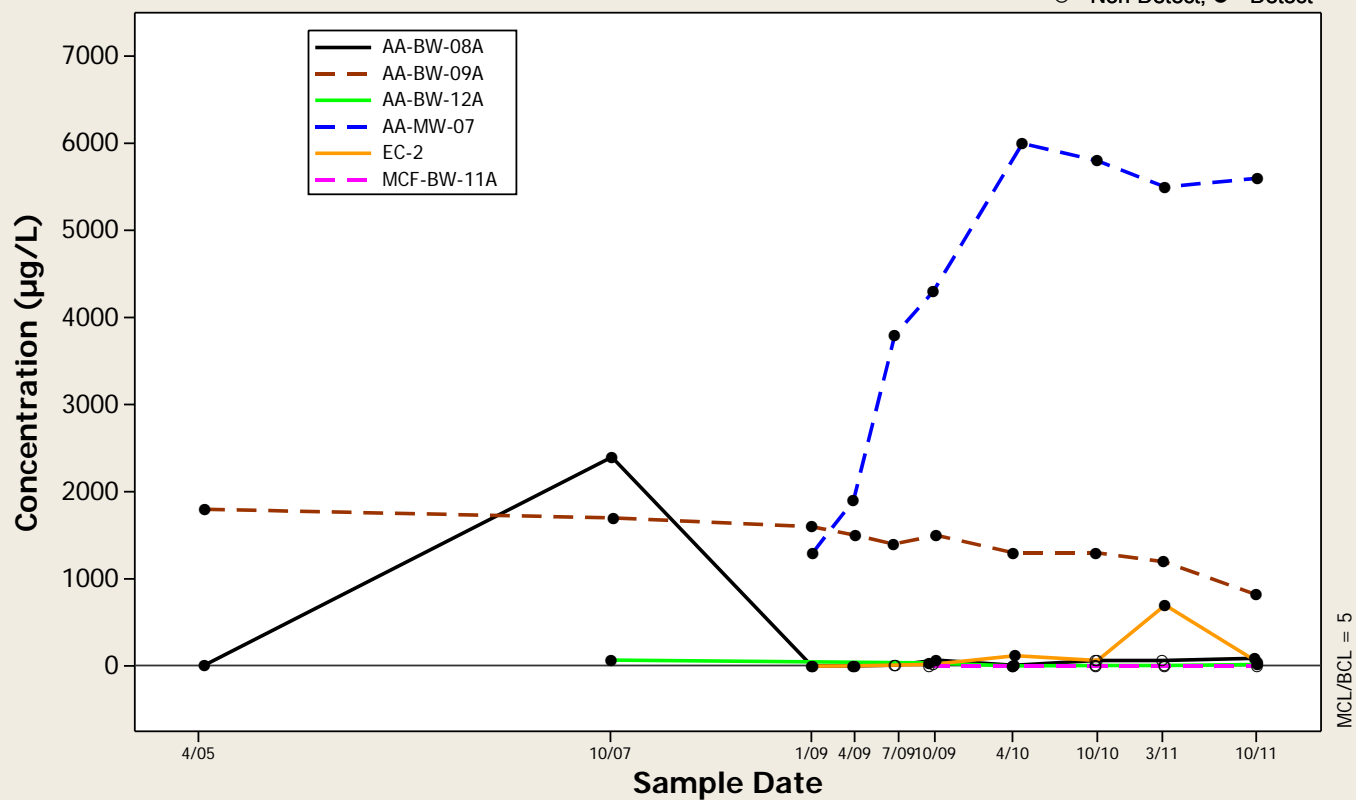
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Dichloromethane

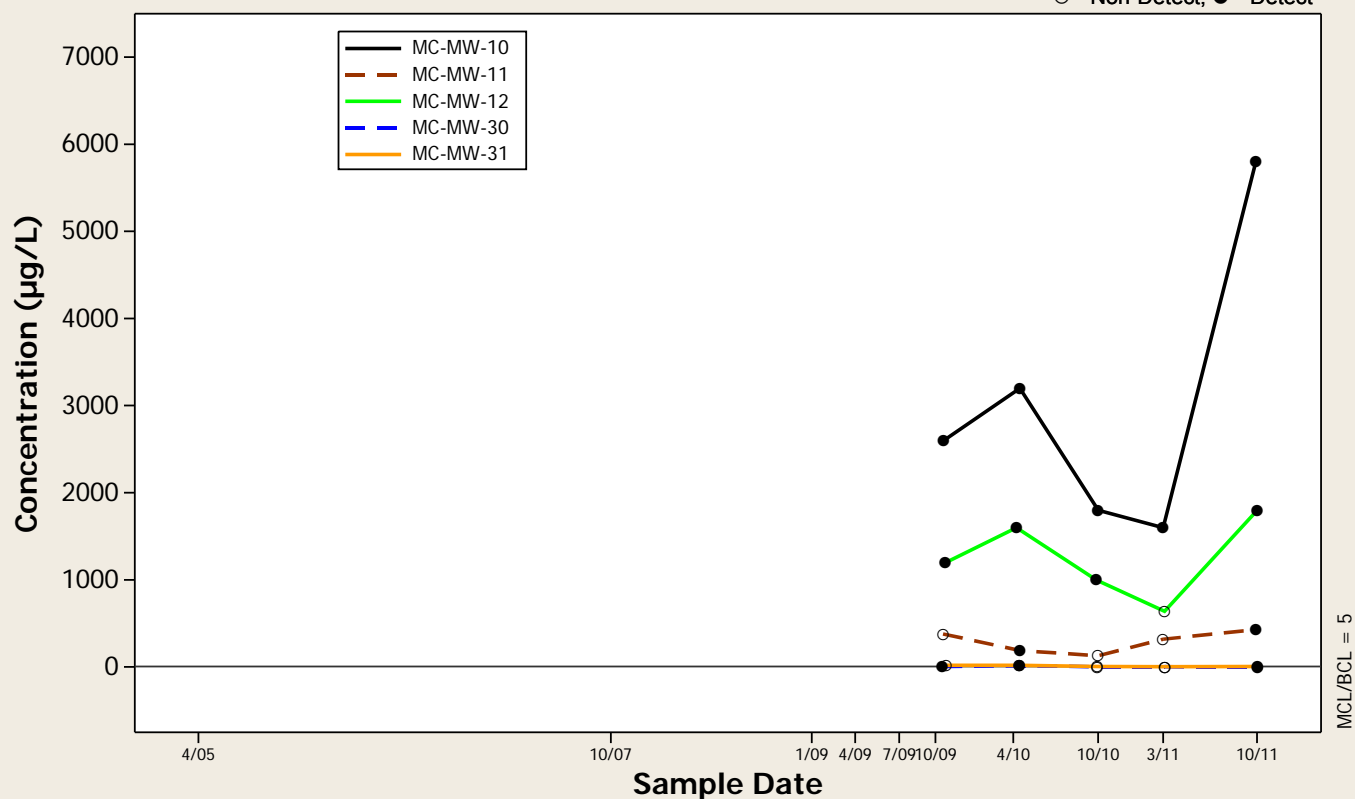
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Dichloromethane

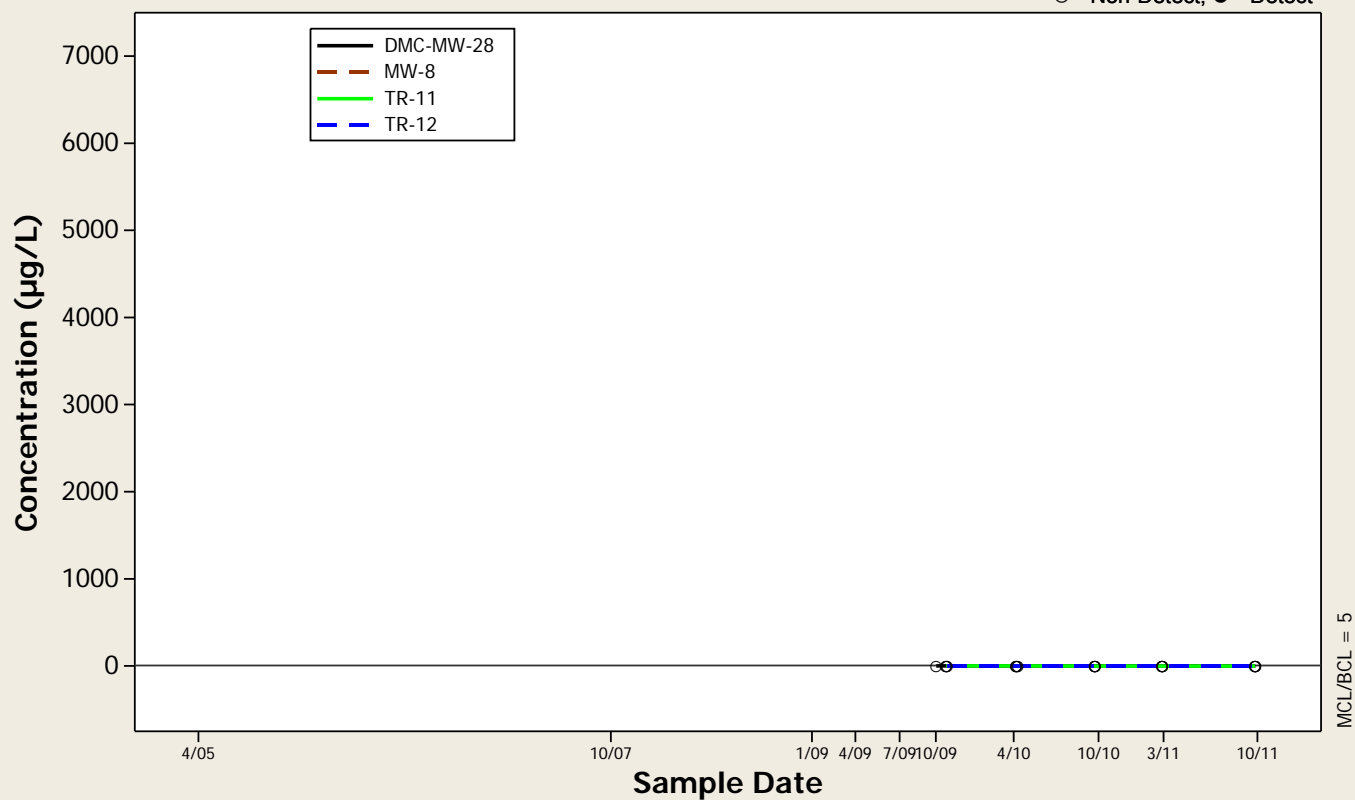
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

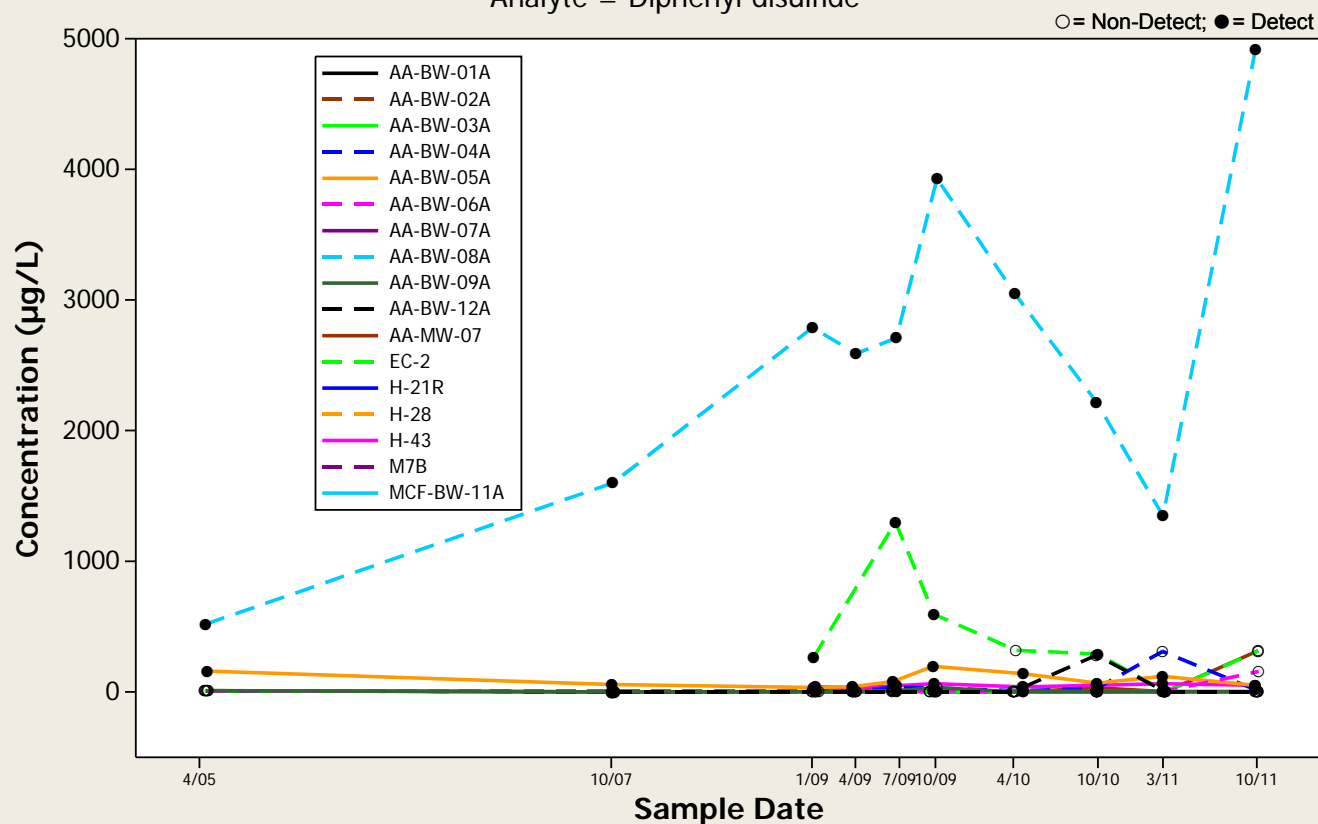
Analyte = Dichloromethane

○ = Non-Detect; ● = Detect



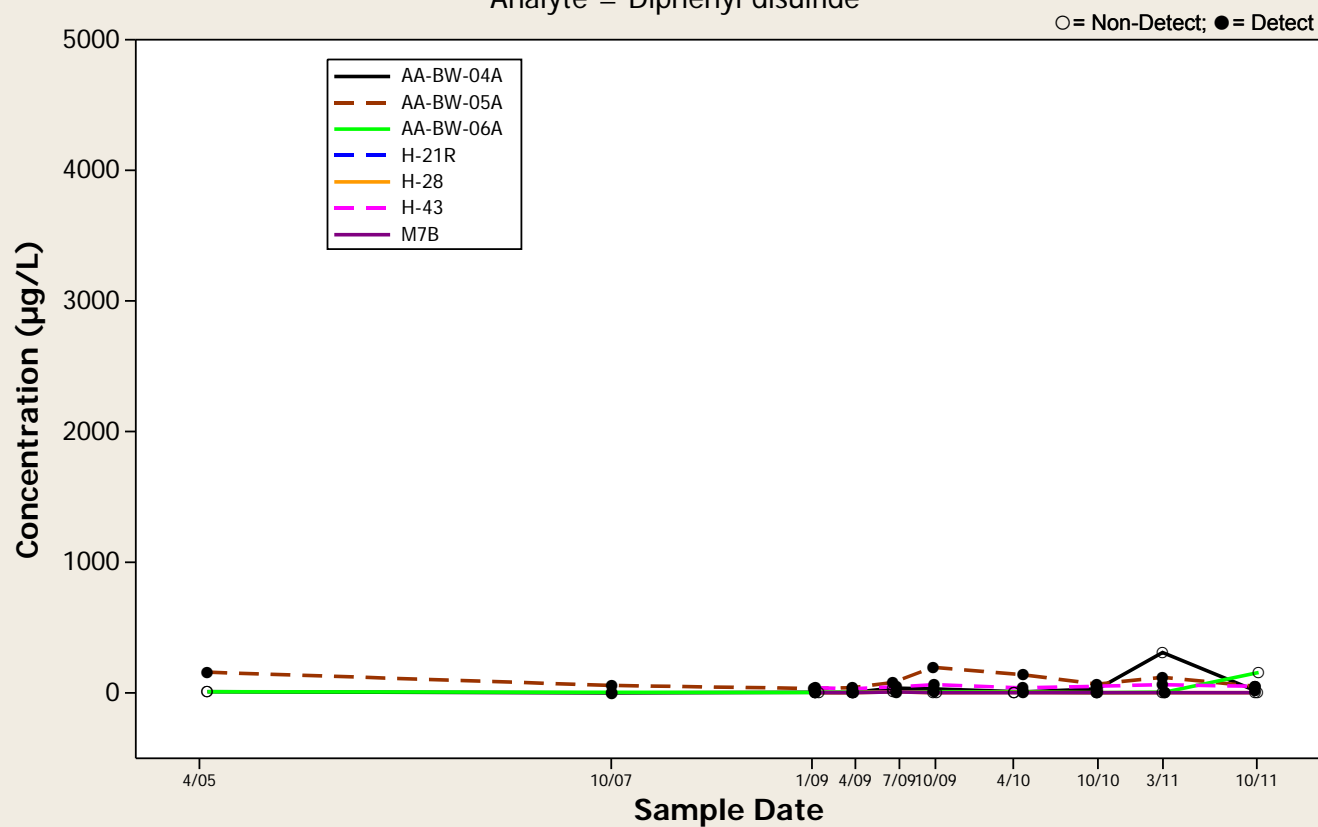
Concentration Trend Graph - All Shallow Zone Wells

Analyte = Diphenyl disulfide



Concentration Trend Graph - Downgradient Shallow Zone Wells

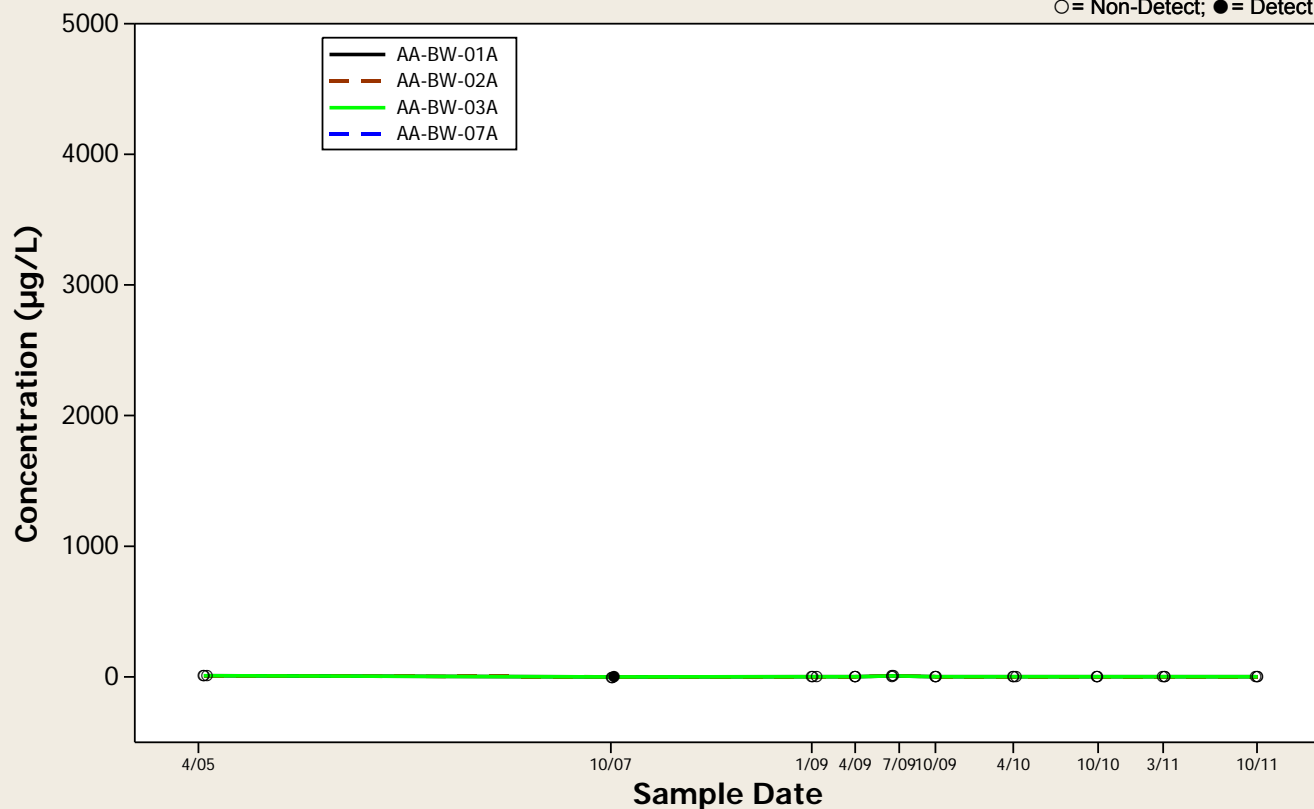
Analyte = Diphenyl disulfide



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Diphenyl disulfide

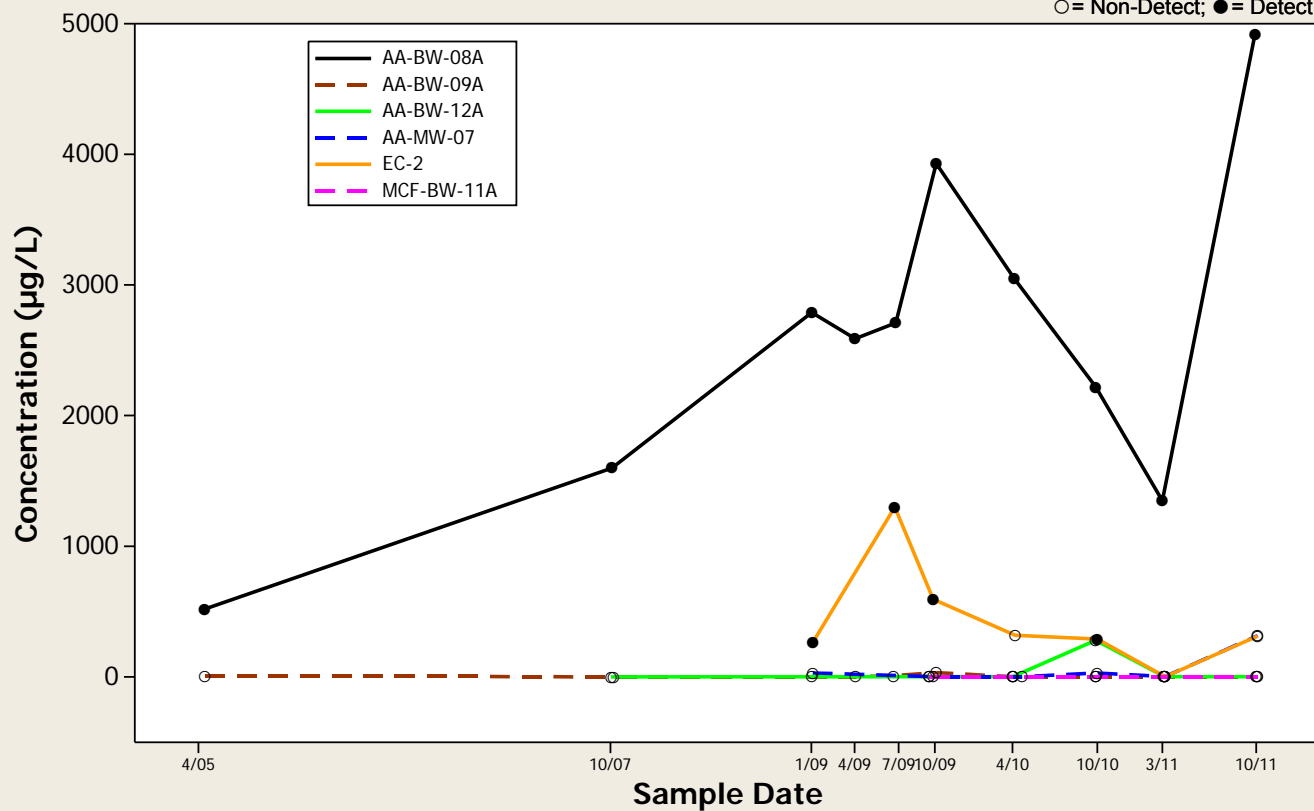
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Diphenyl disulfide

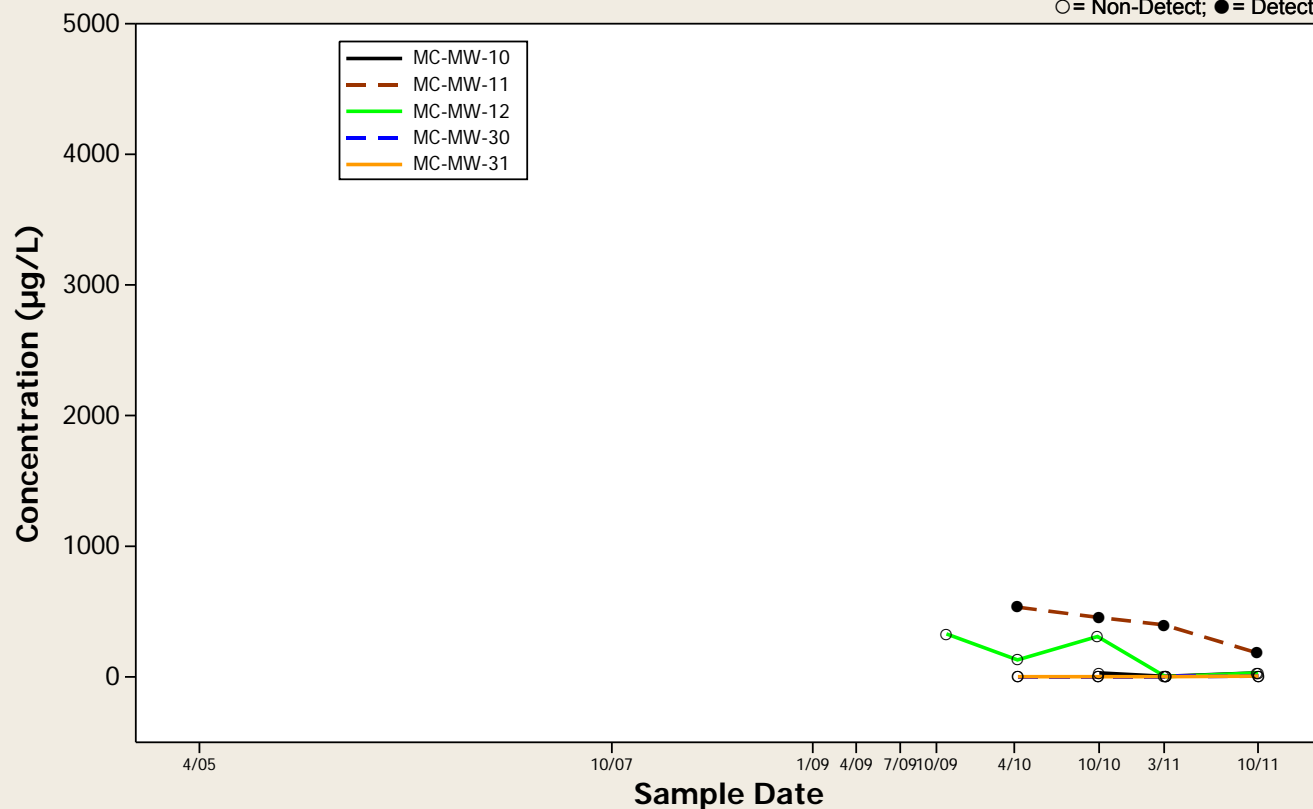
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Diphenyl disulfide

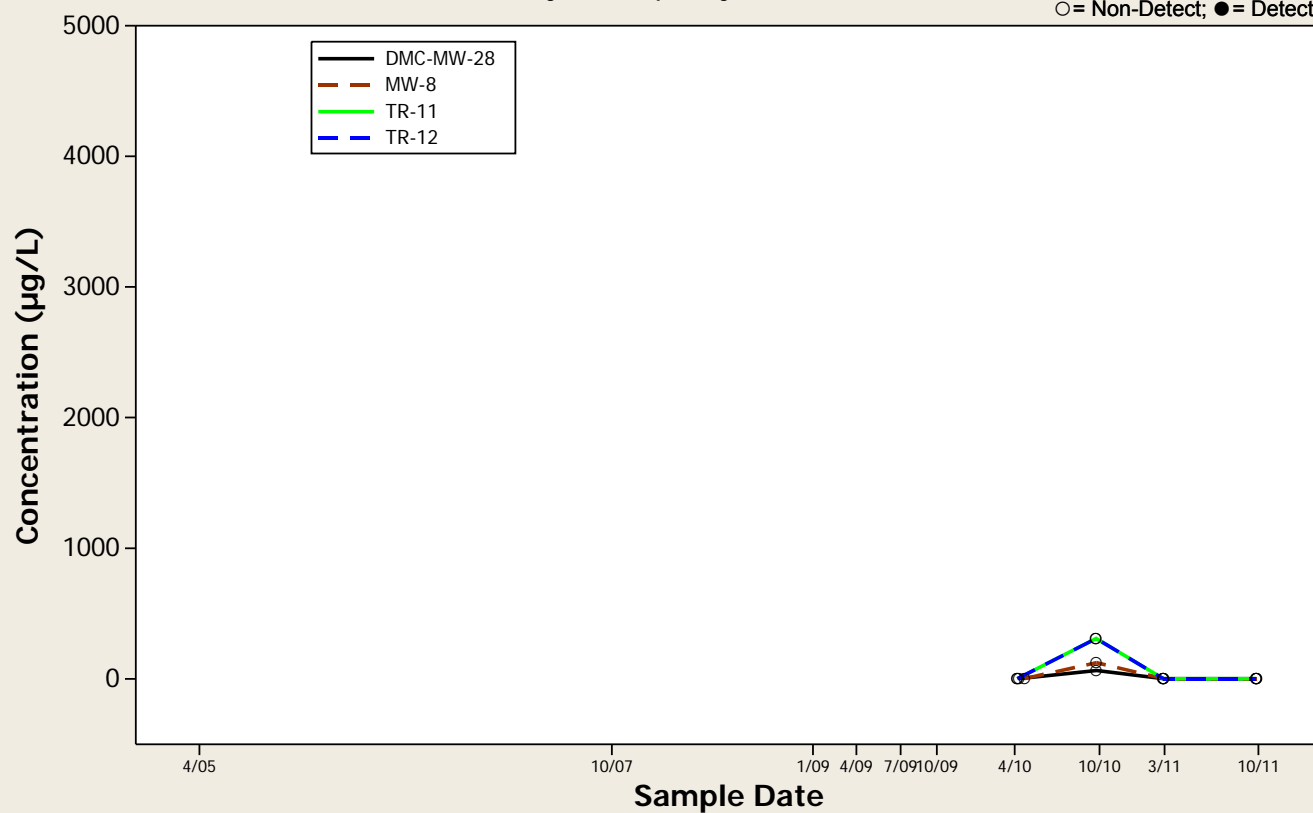
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Diphenyl disulfide

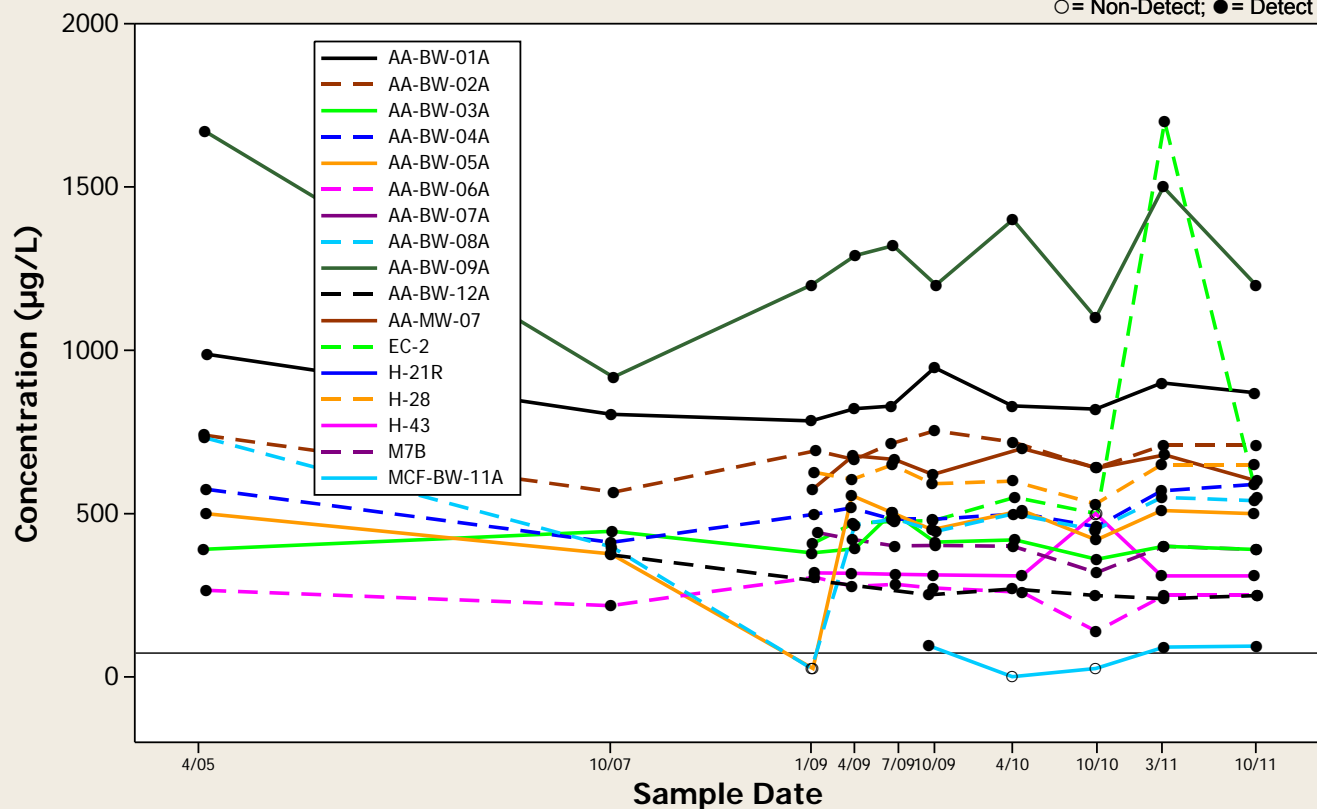
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Lithium

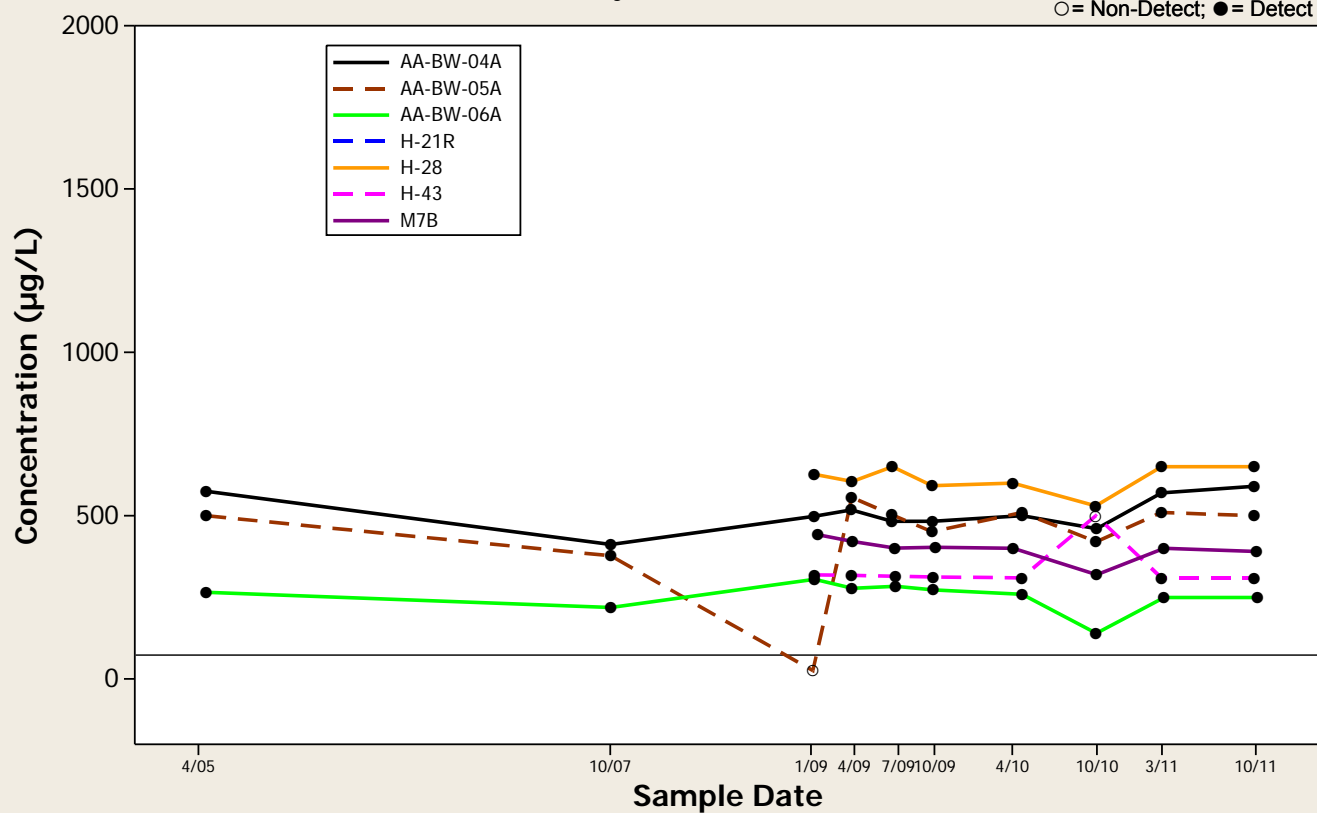
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Lithium

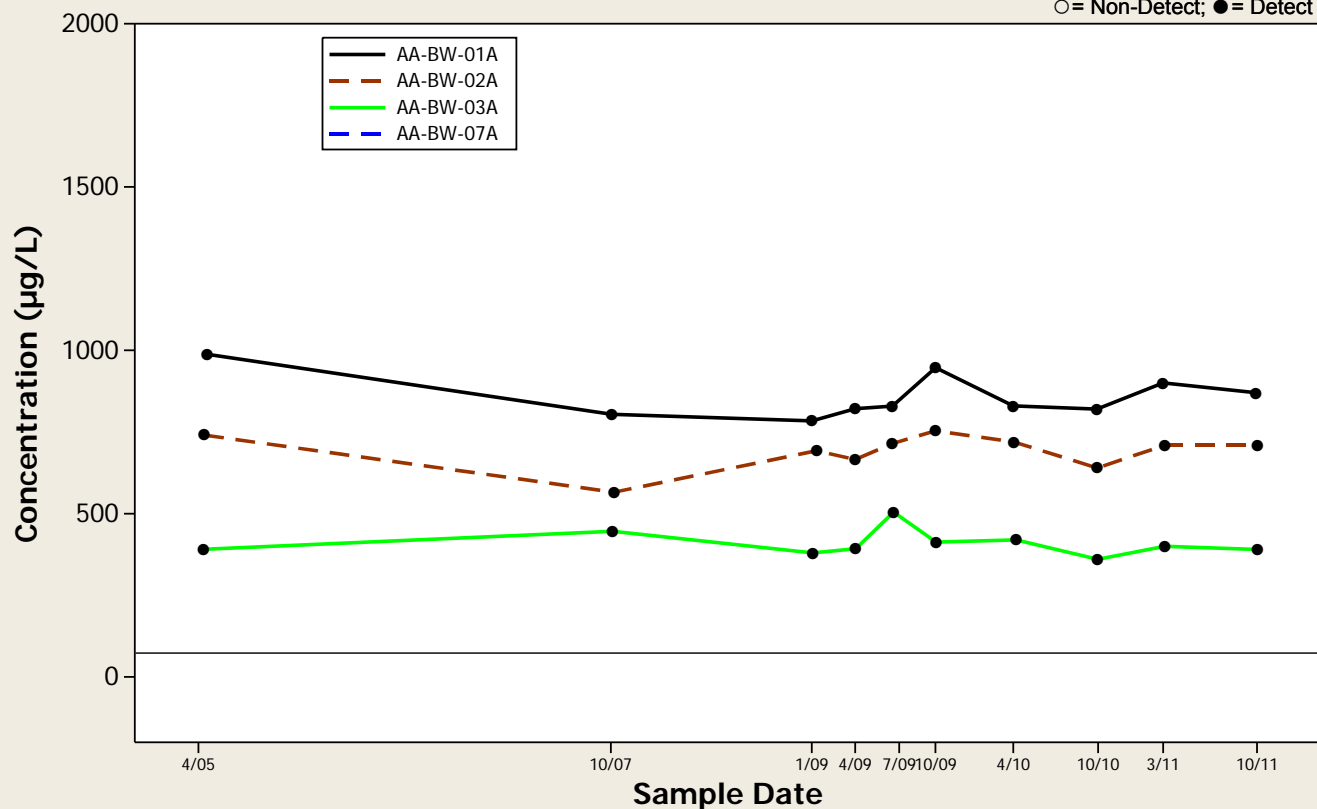
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Lithium

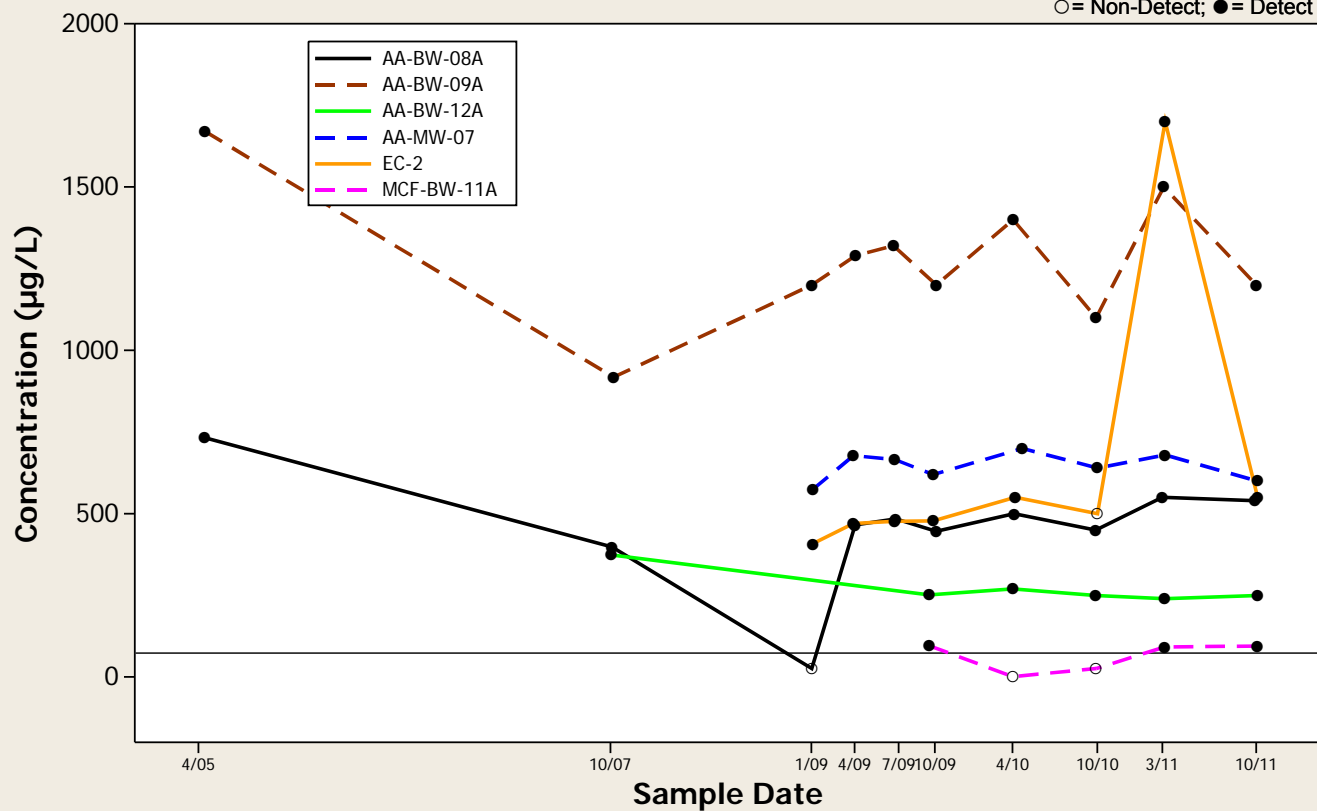
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Lithium

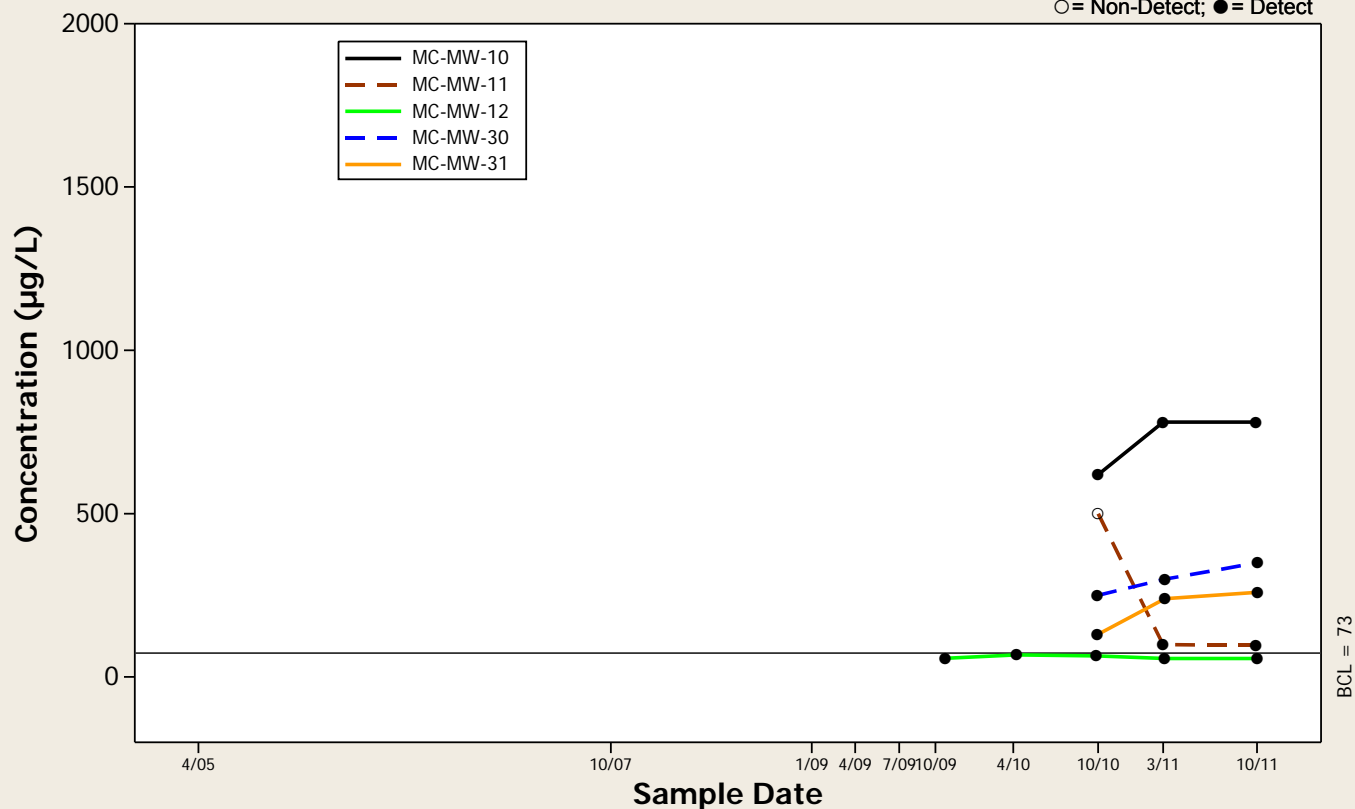
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Lithium

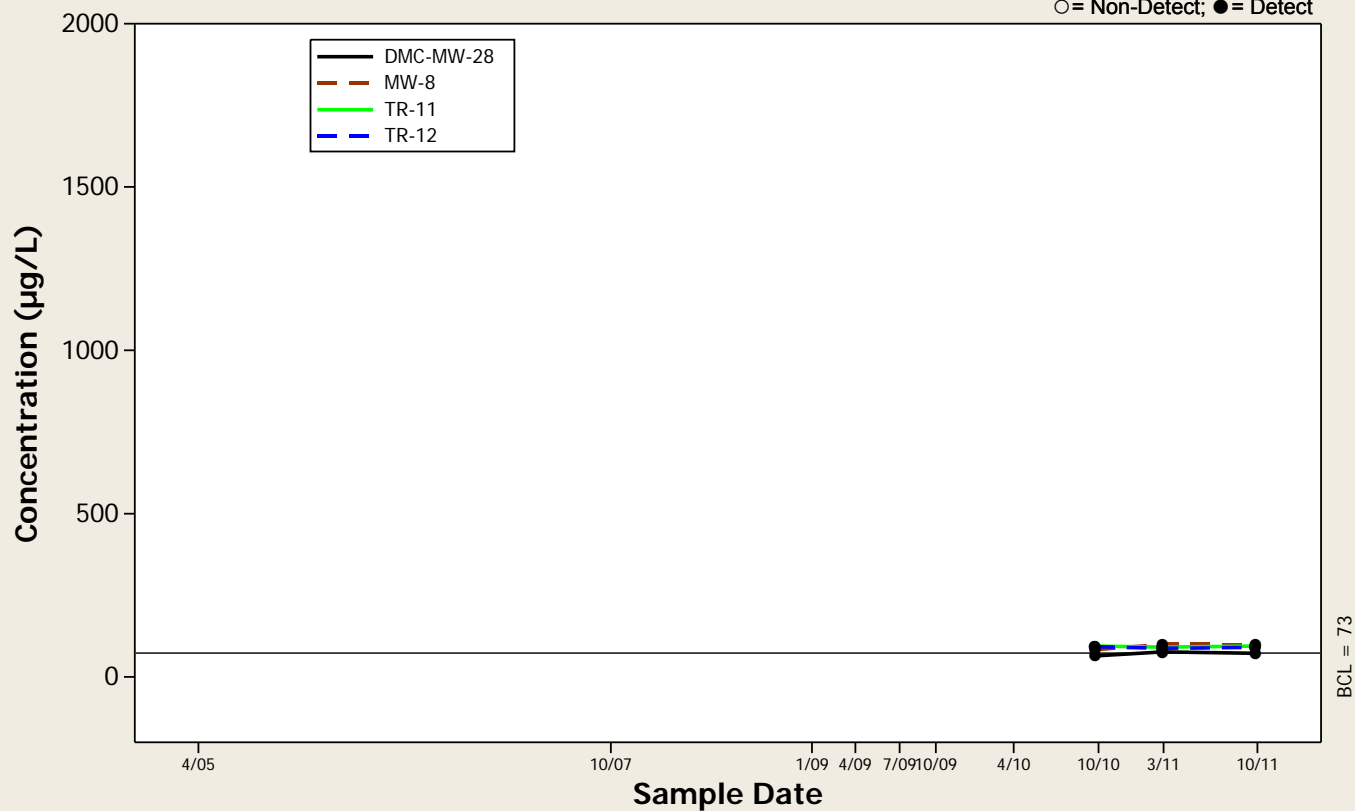
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Lithium

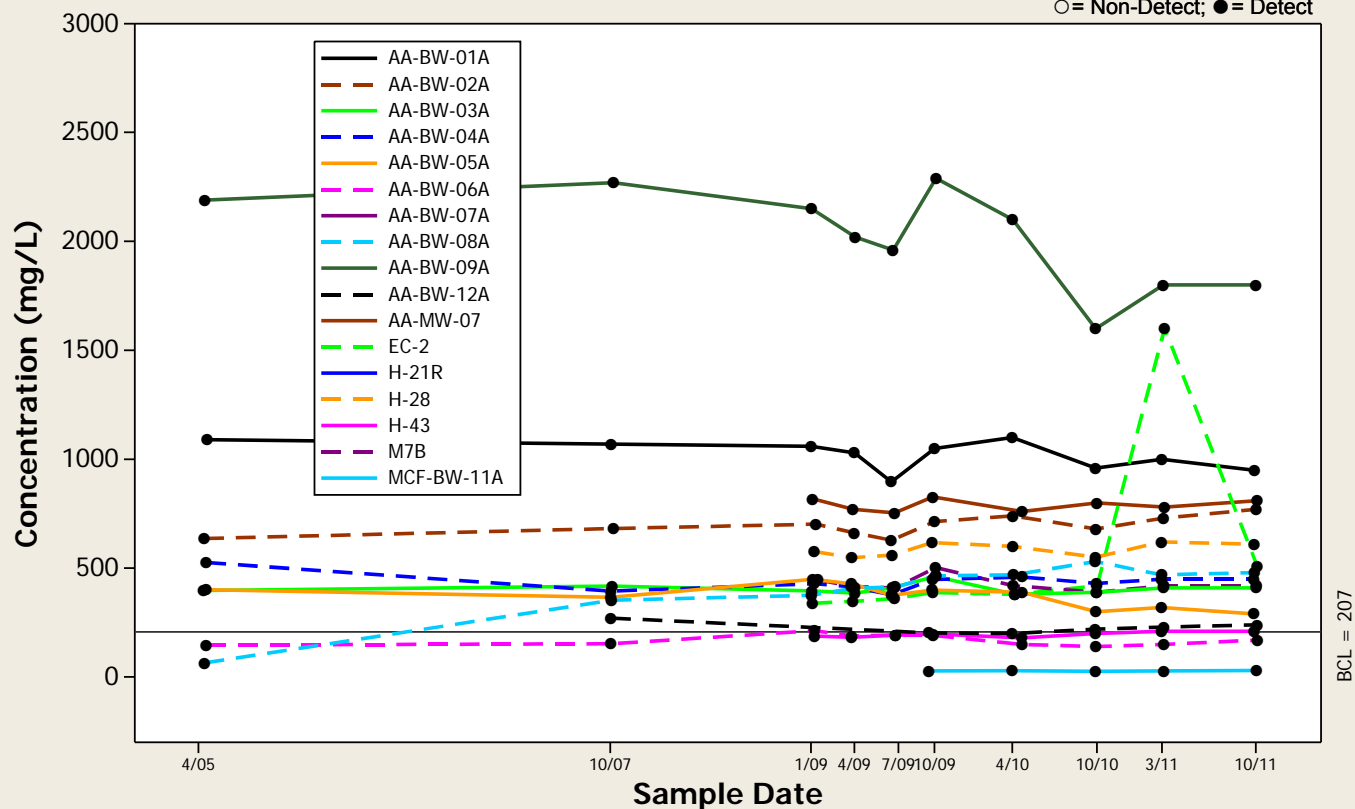
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Magnesium

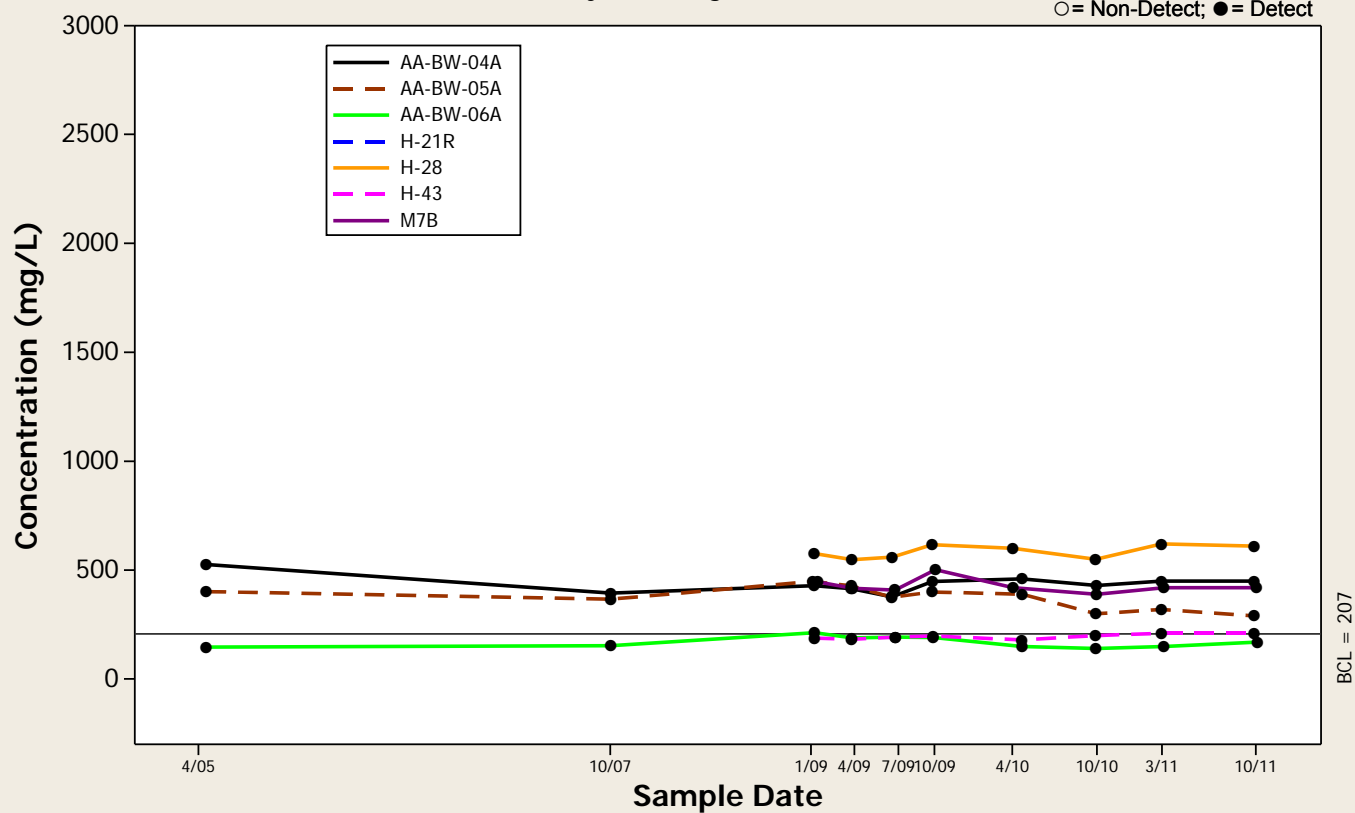
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Magnesium

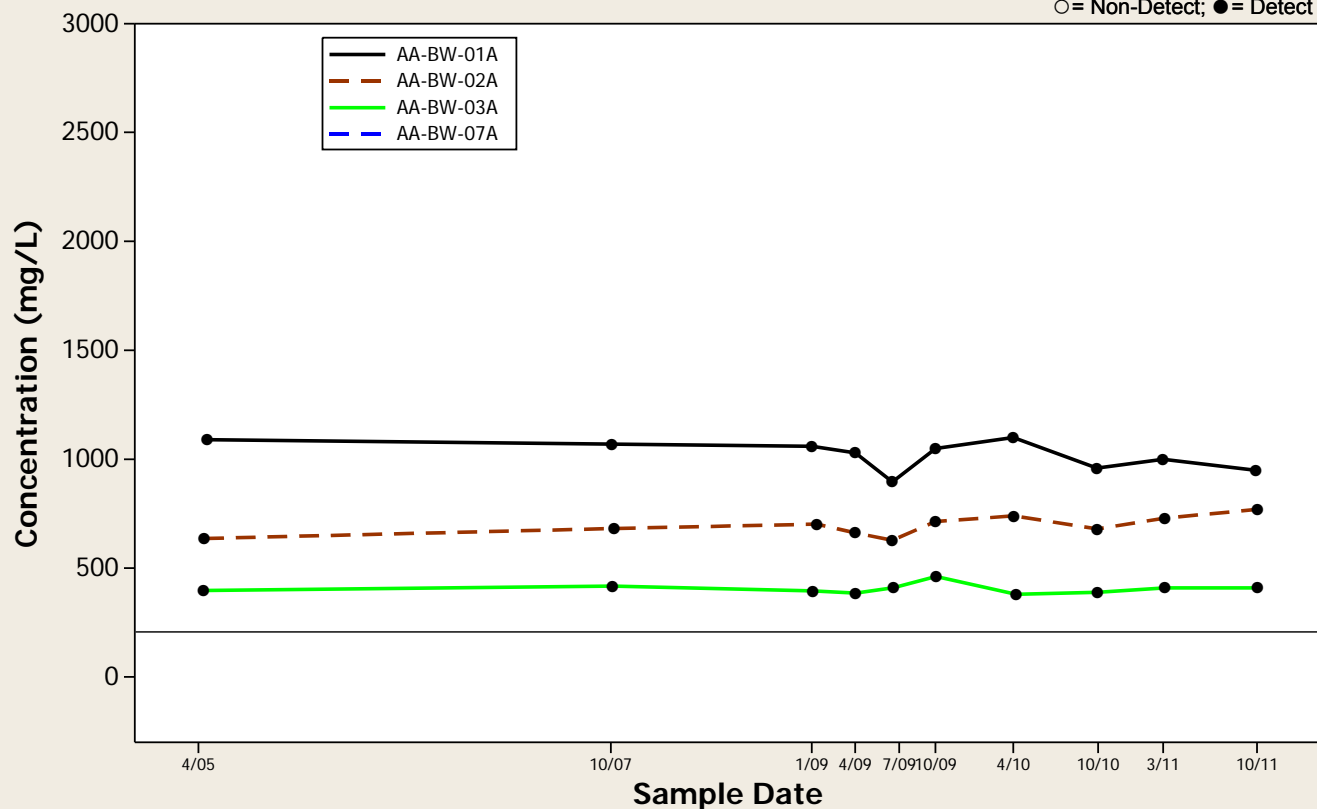
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Magnesium

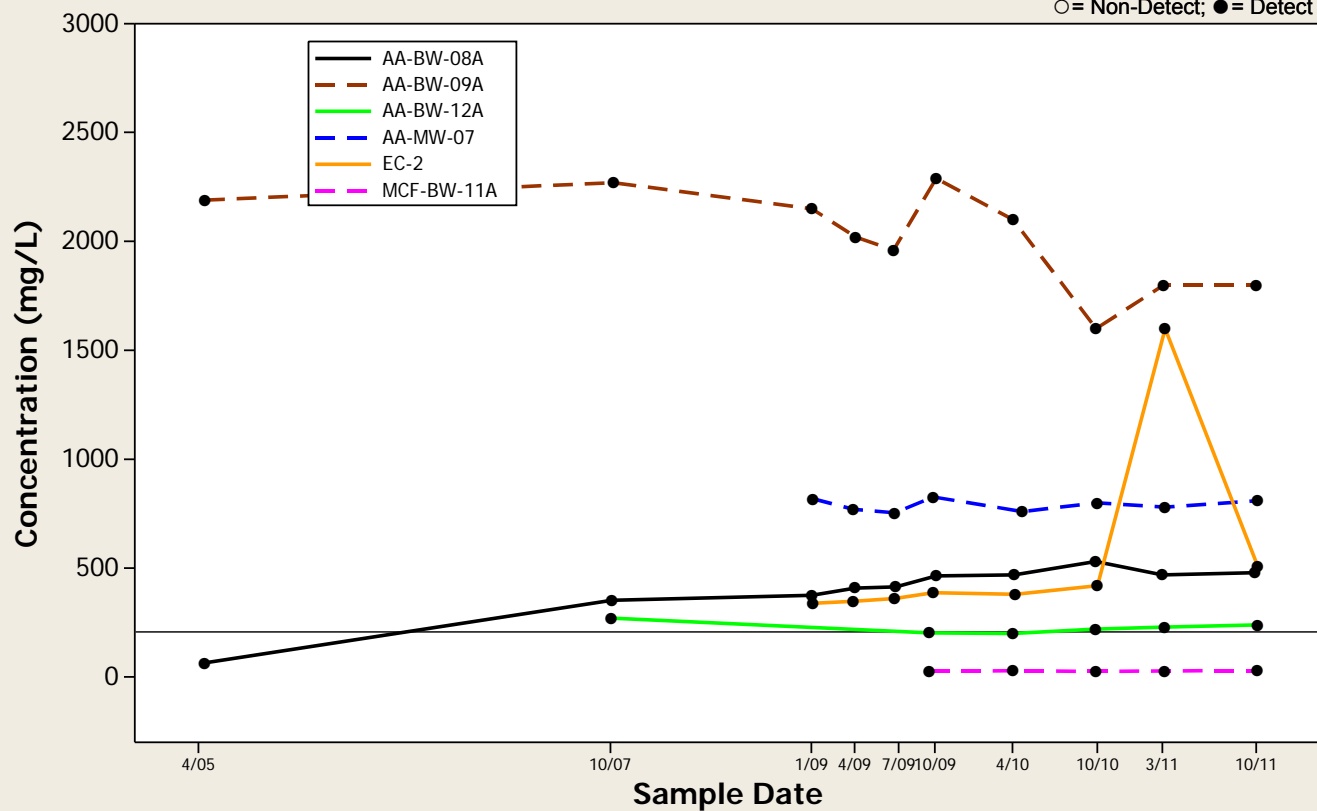
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Magnesium

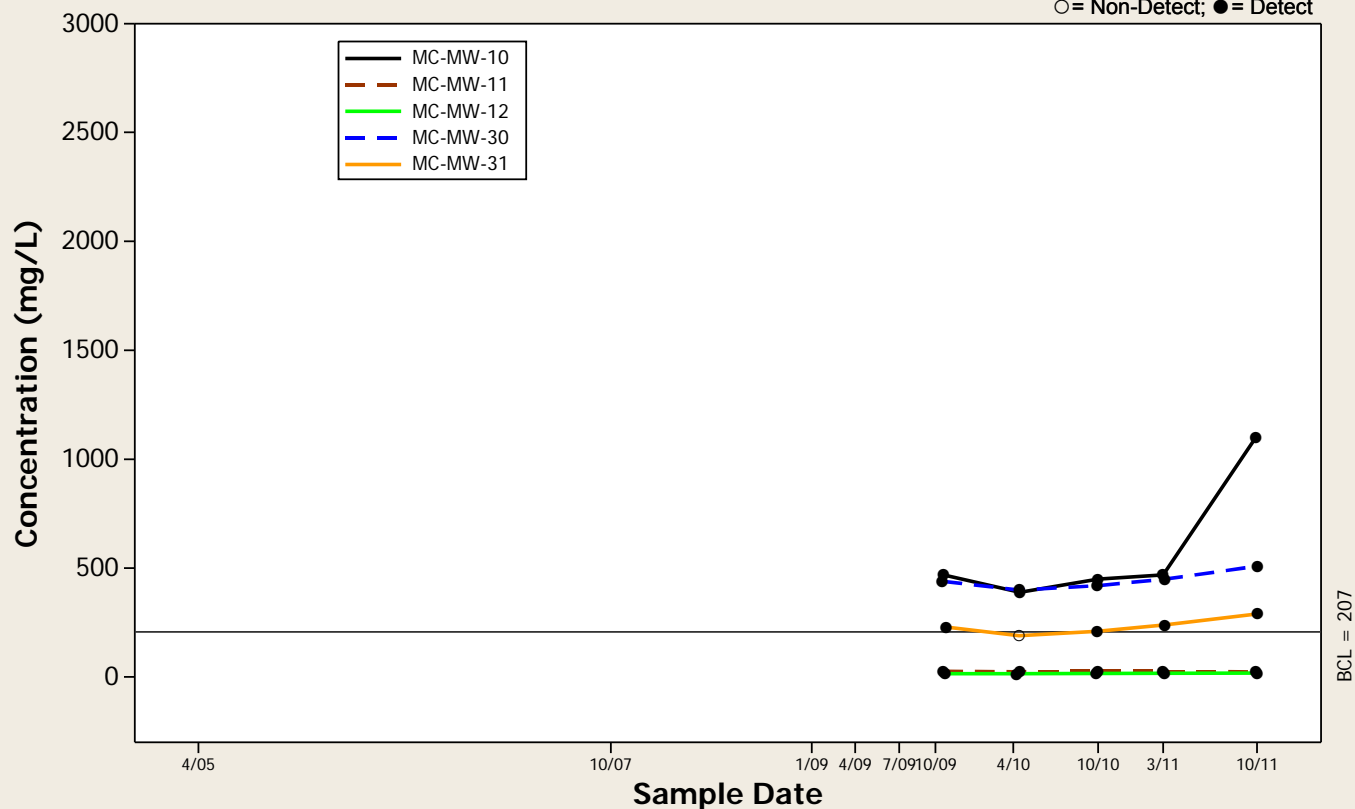
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Magnesium

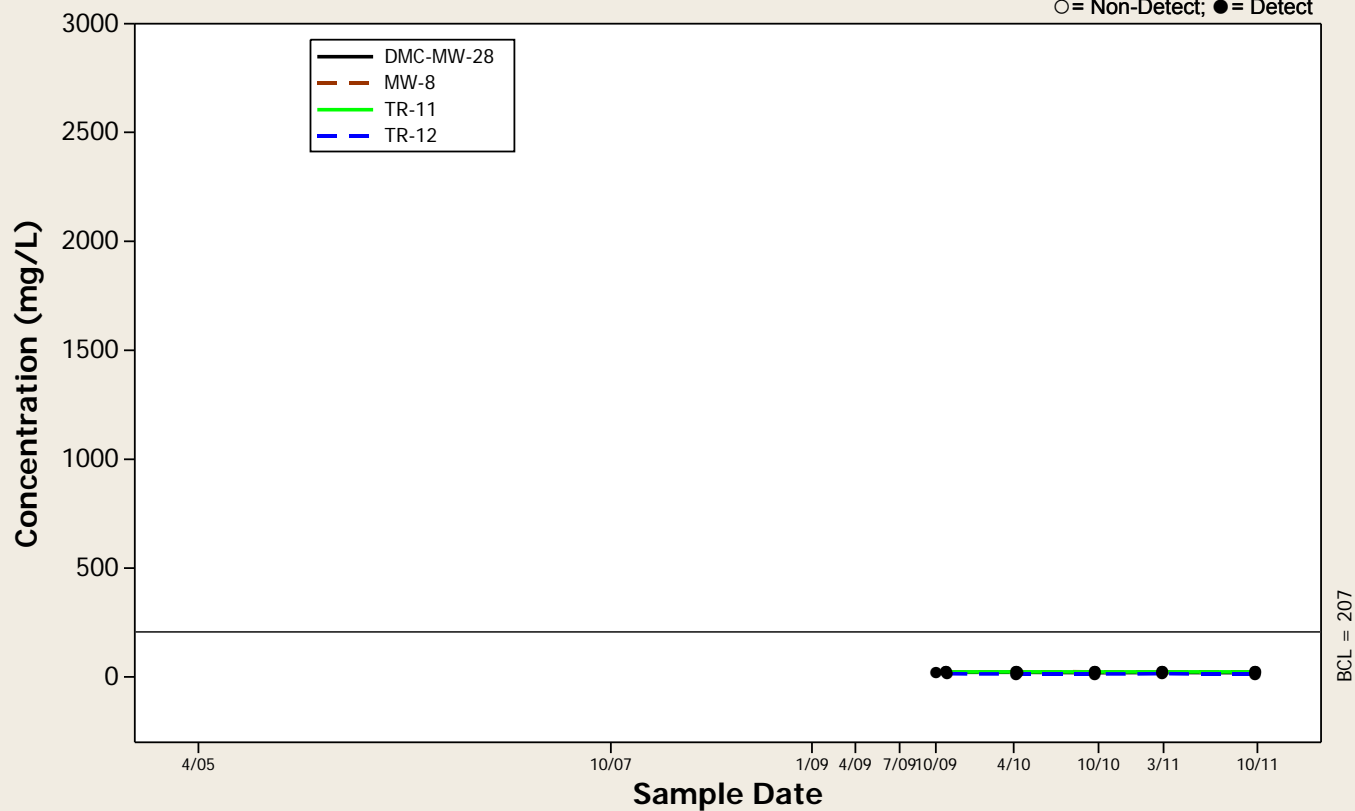
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Magnesium

○ = Non-Detect; ● = Detect



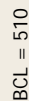
Analyte = Manganese

○ = Non-Detect; ● = Detect



Analyte = Manganese

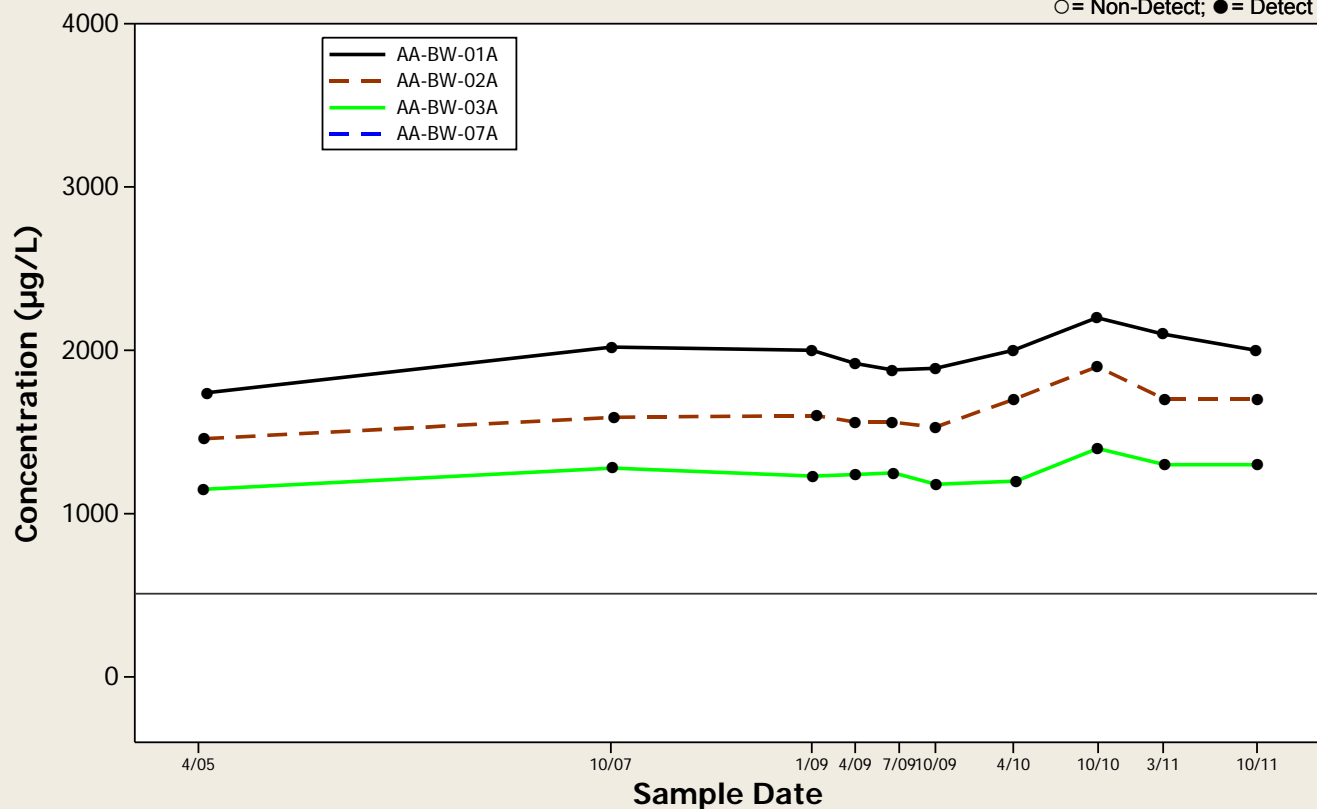
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Manganese

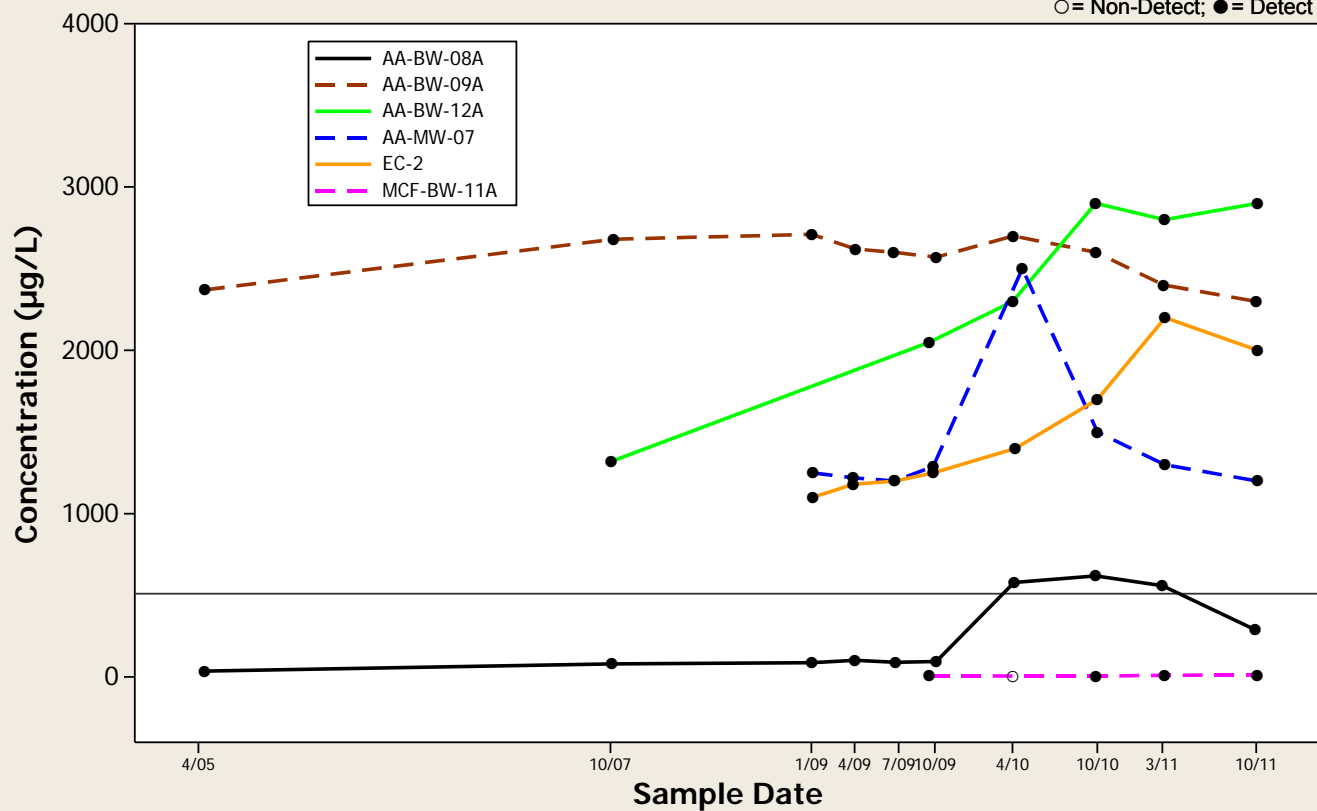
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Manganese

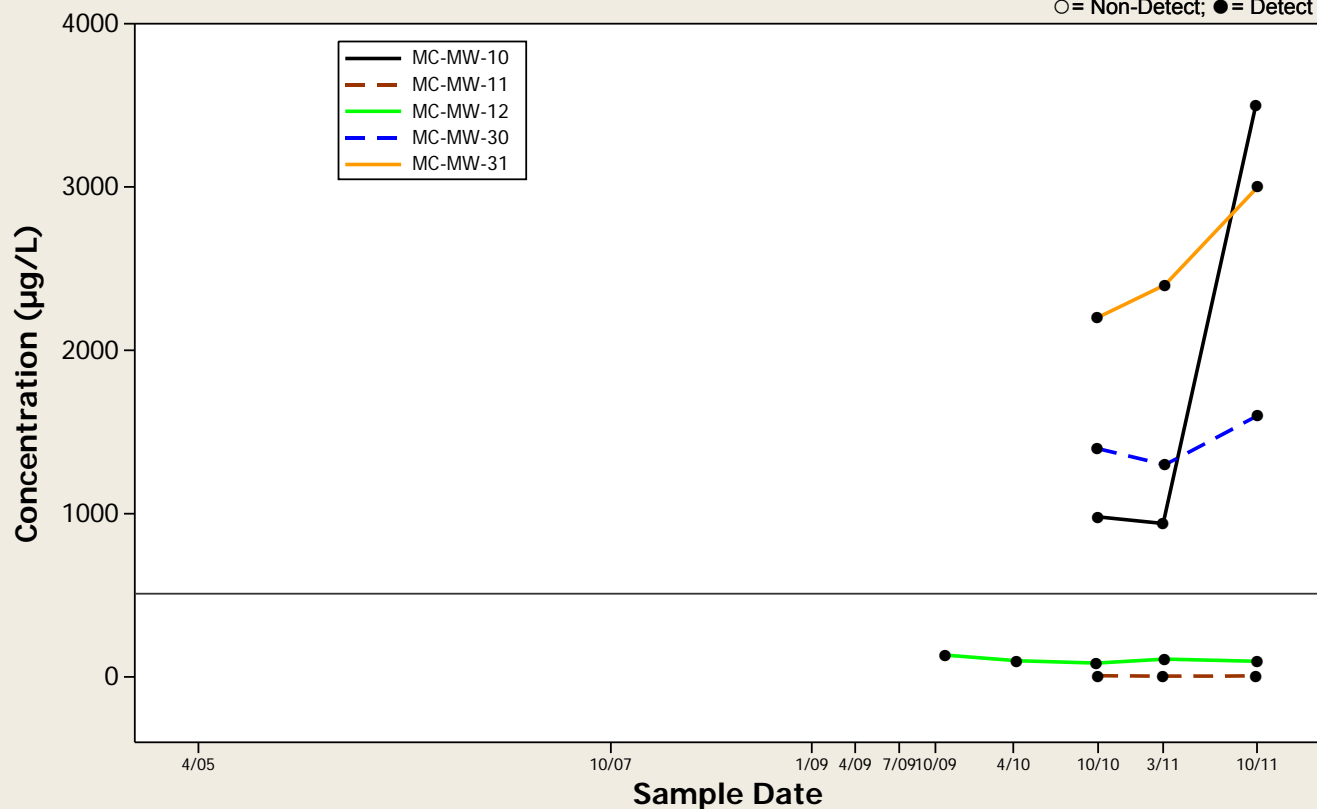
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Manganese

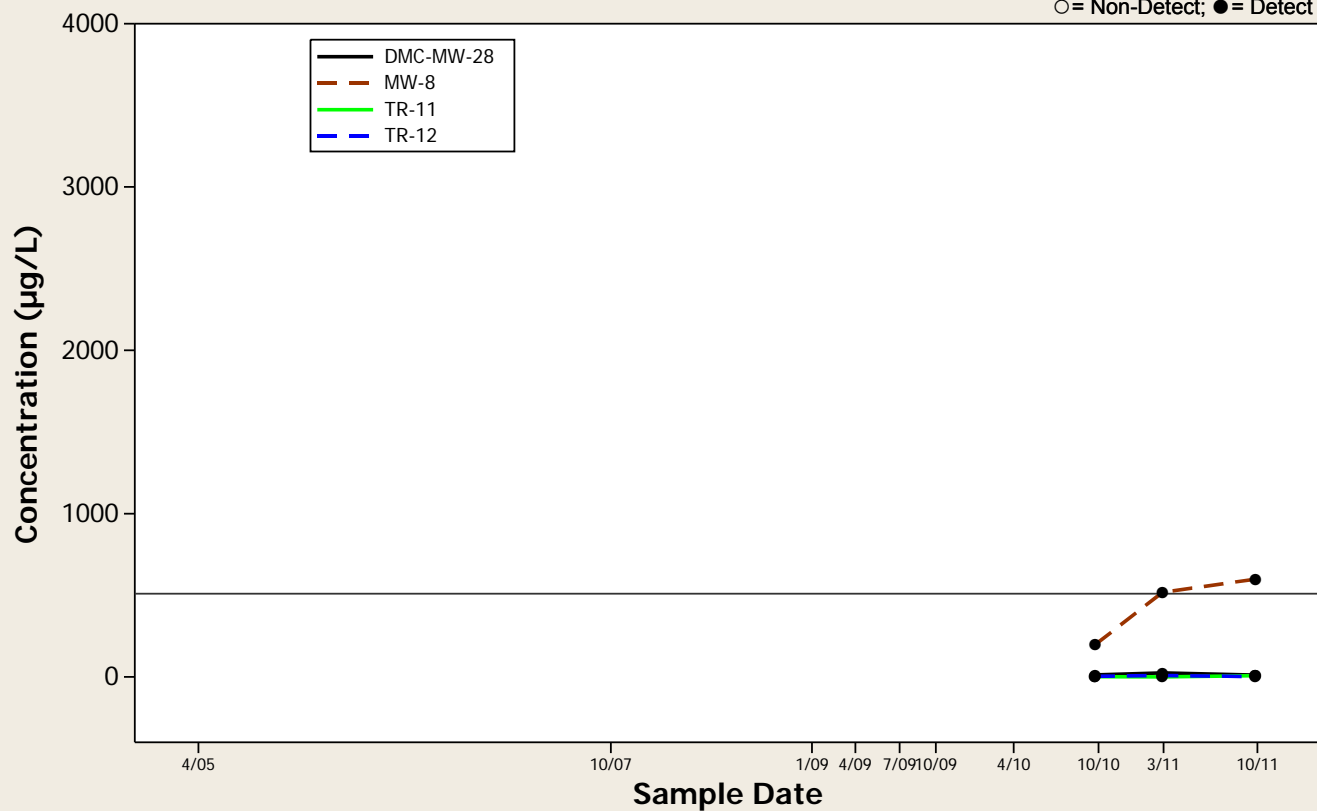
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Manganese

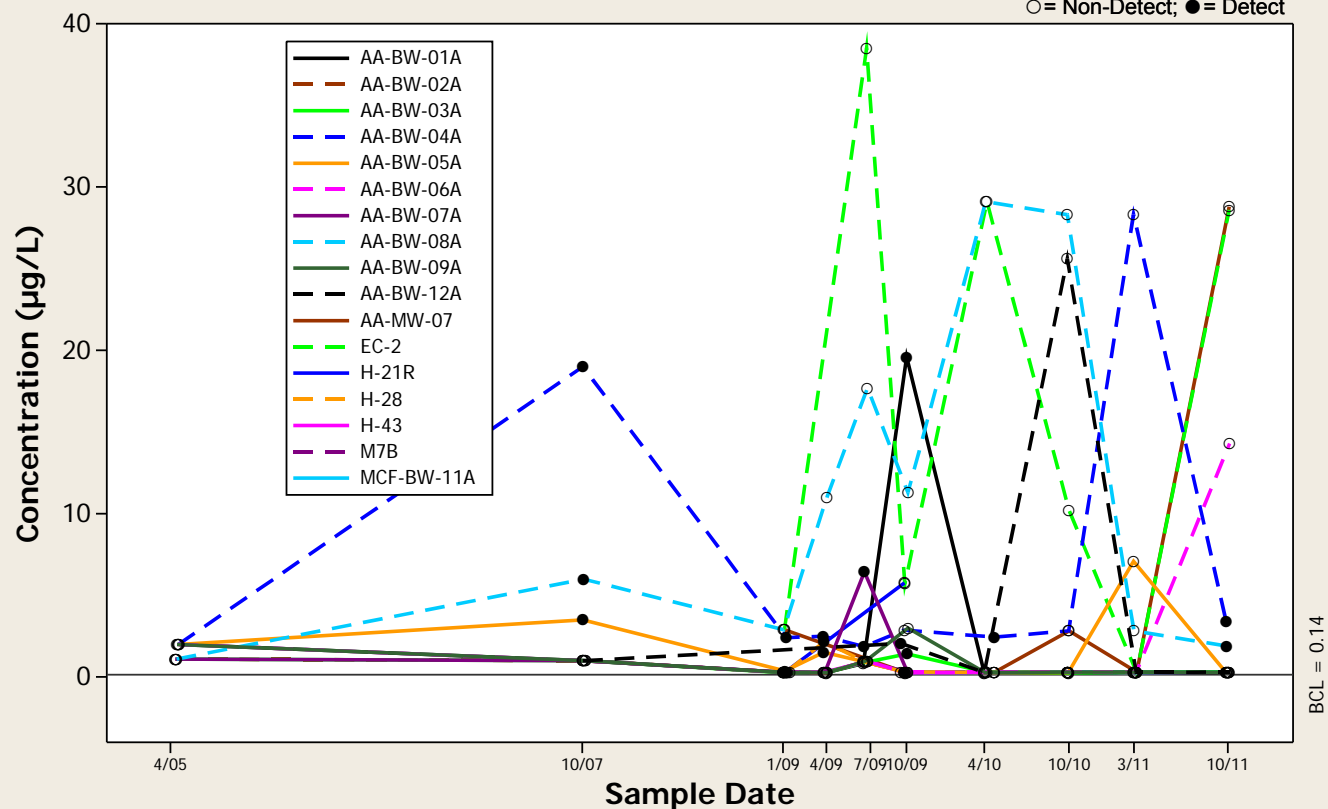
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Naphthalene

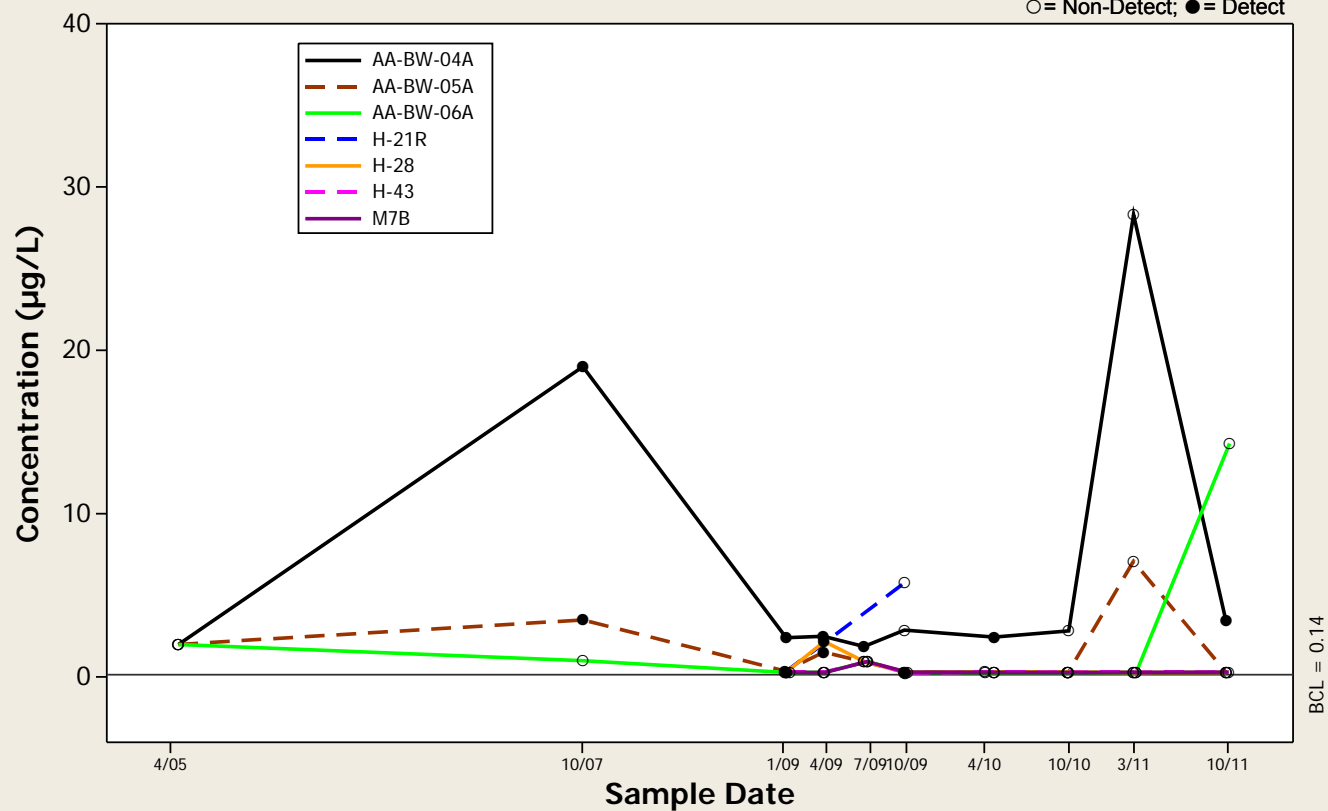
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Naphthalene

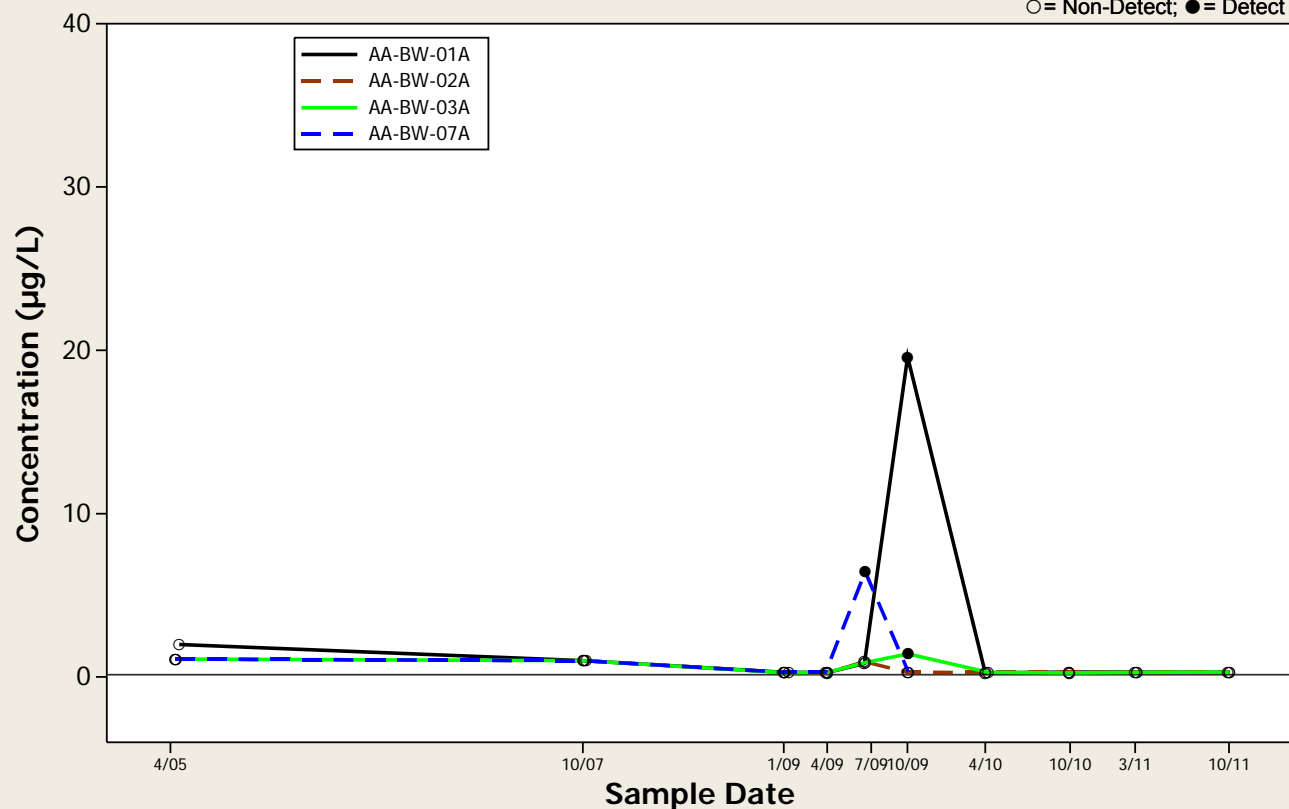
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Naphthalene

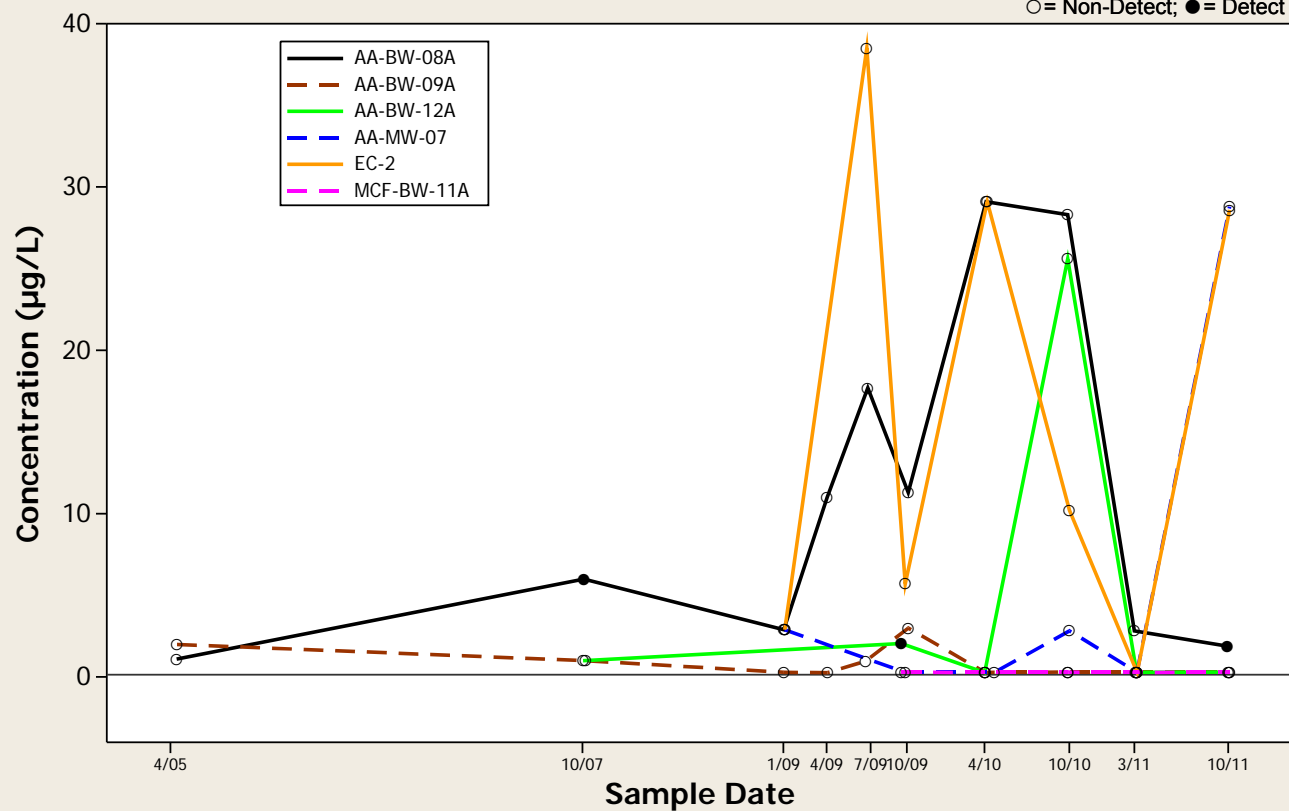
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

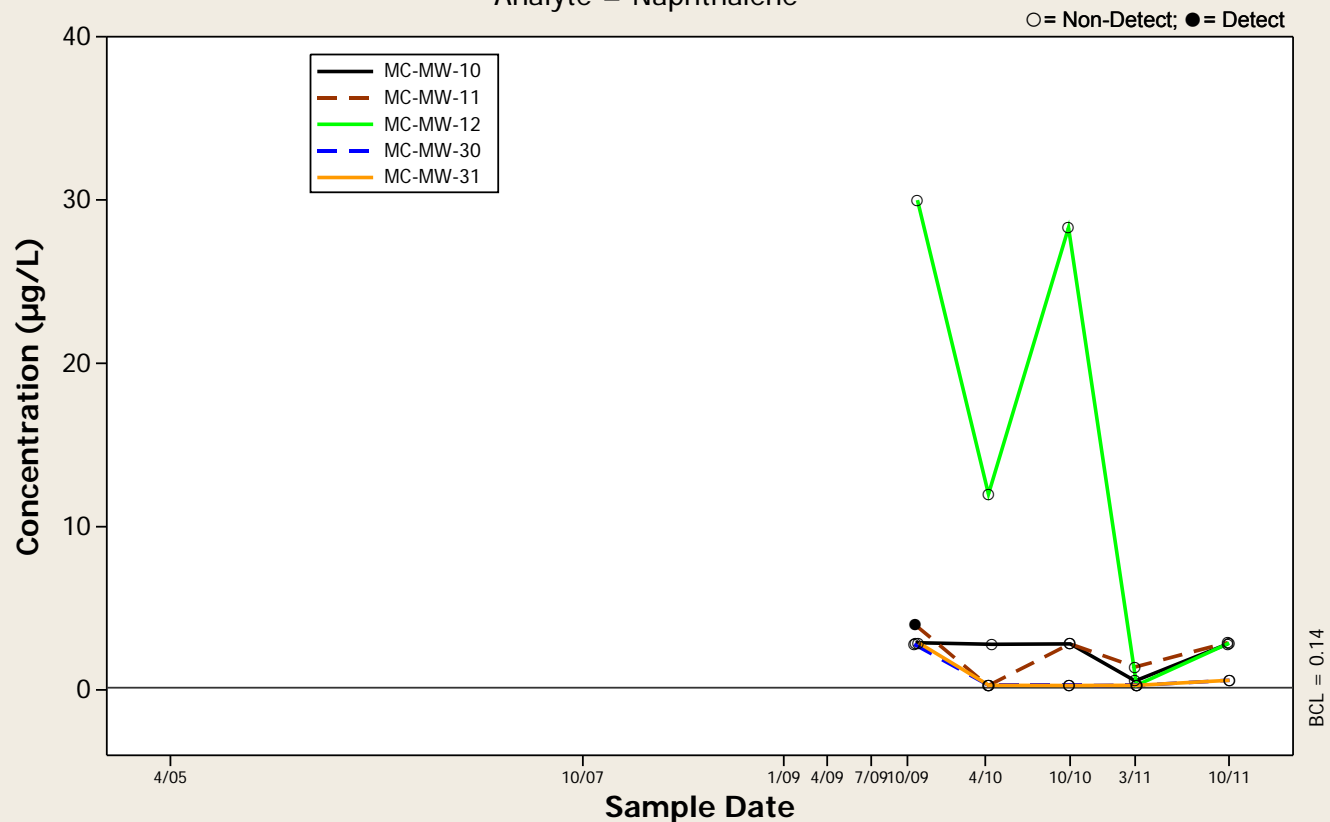
Analyte = Naphthalene

○ = Non-Detect; ● = Detect



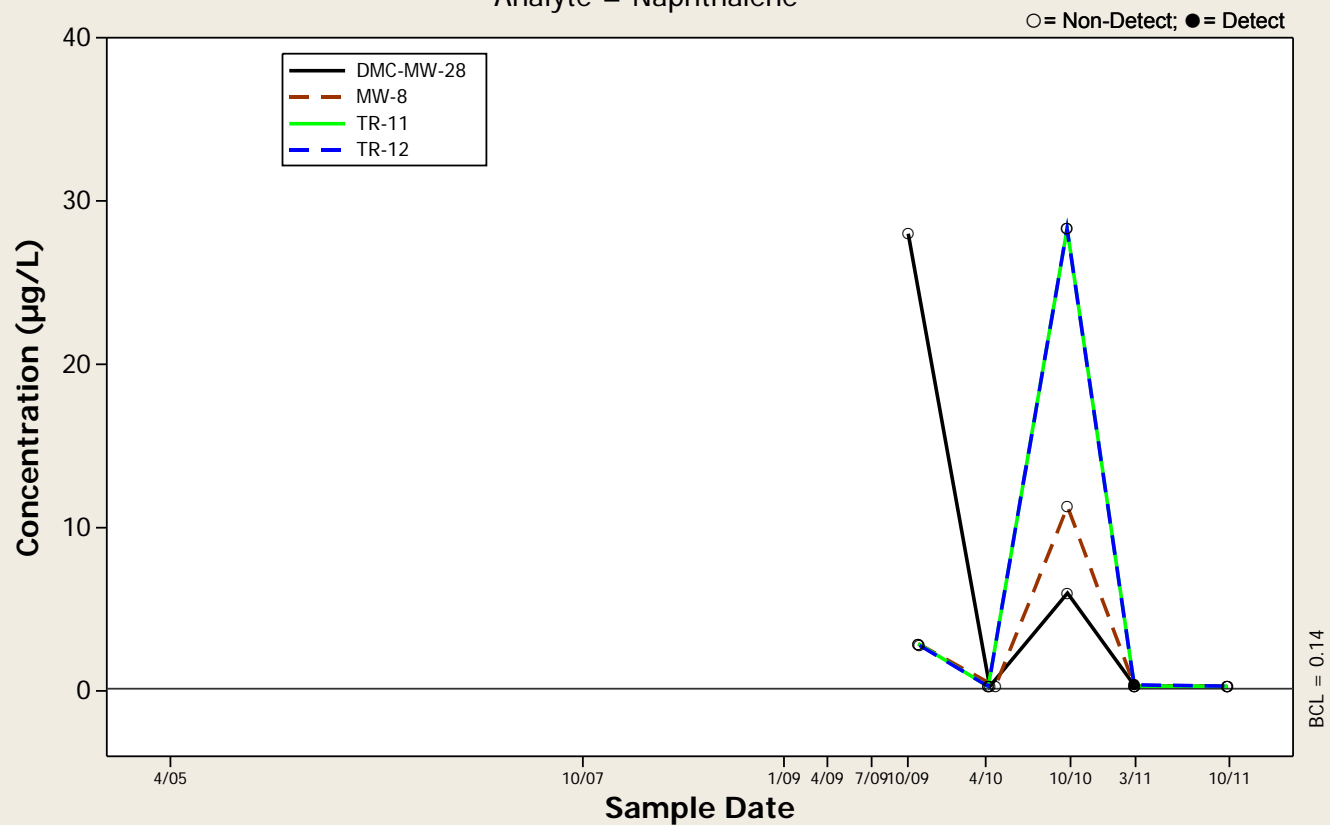
Concentration Trend Graph - Middle Zone Wells

Analyte = Naphthalene



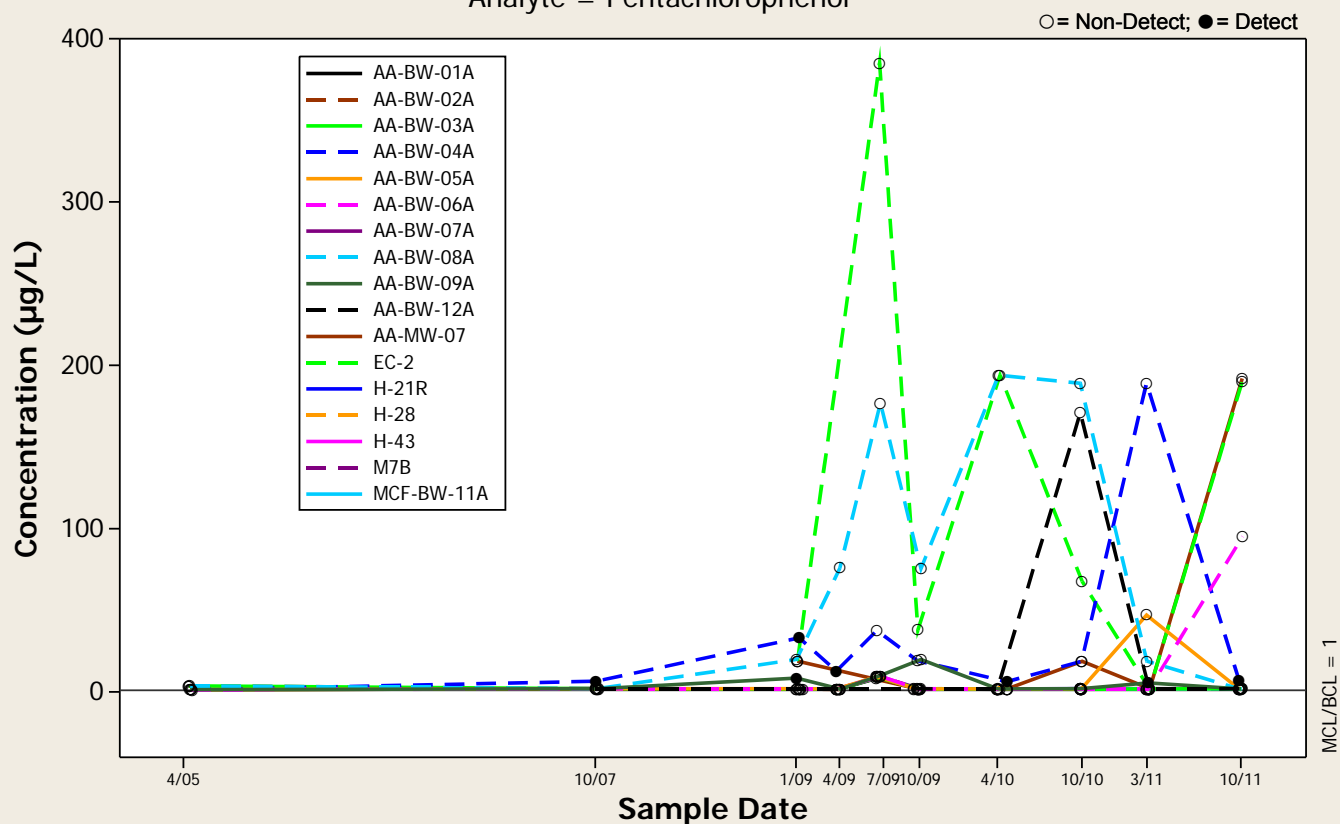
Concentration Trend Graph - Deep Zone Wells

Analyte = Naphthalene



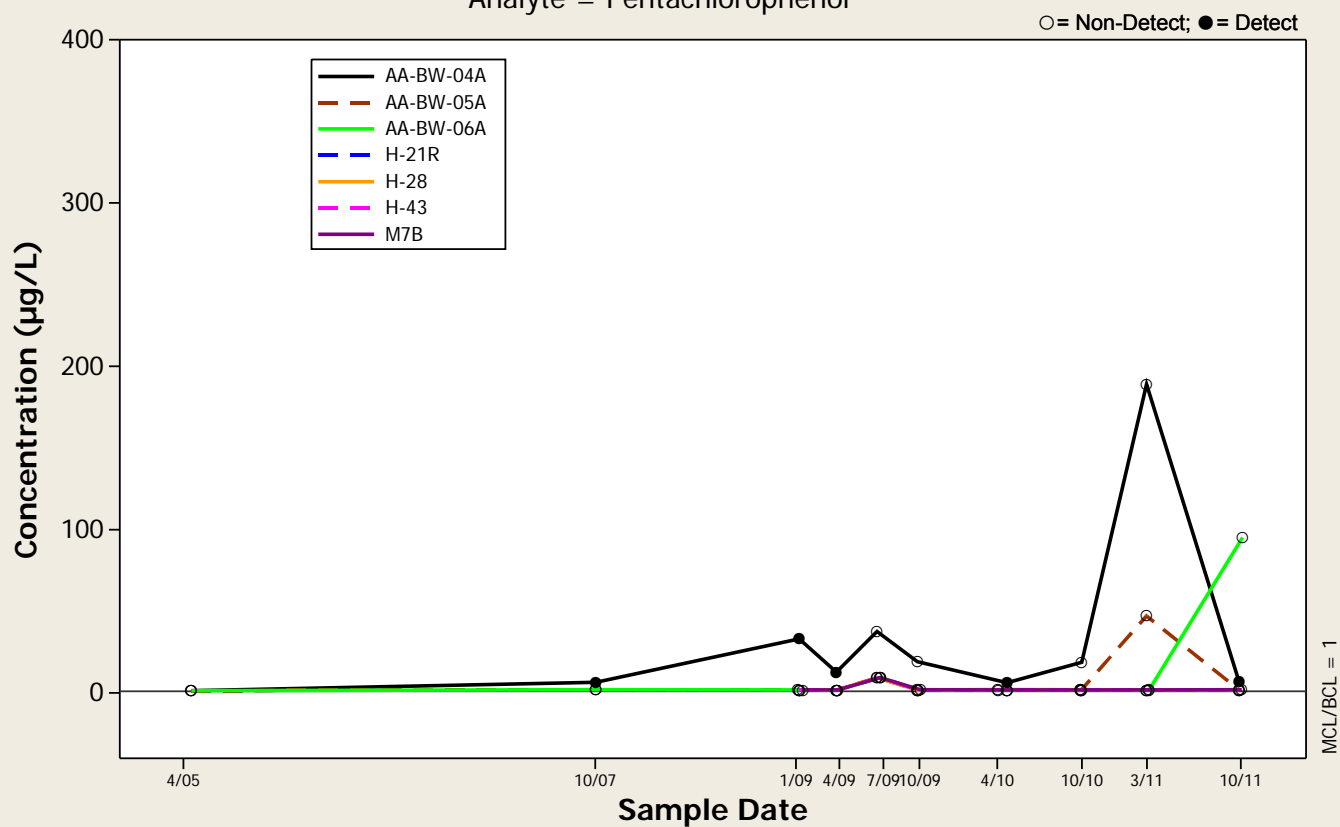
Concentration Trend Graph - All Shallow Zone Wells

Analyte = Pentachlorophenol



Concentration Trend Graph - Downgradient Shallow Zone Wells

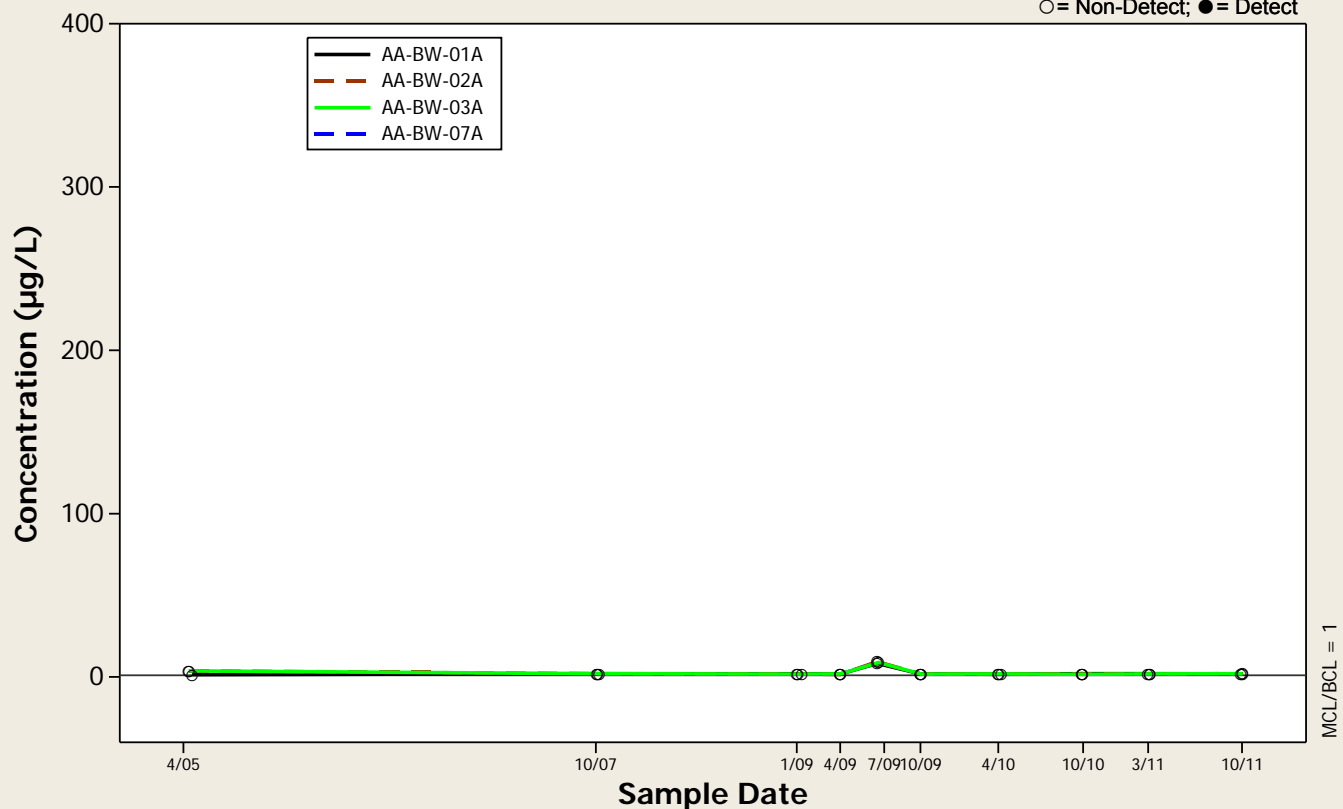
Analyte = Pentachlorophenol



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Pentachlorophenol

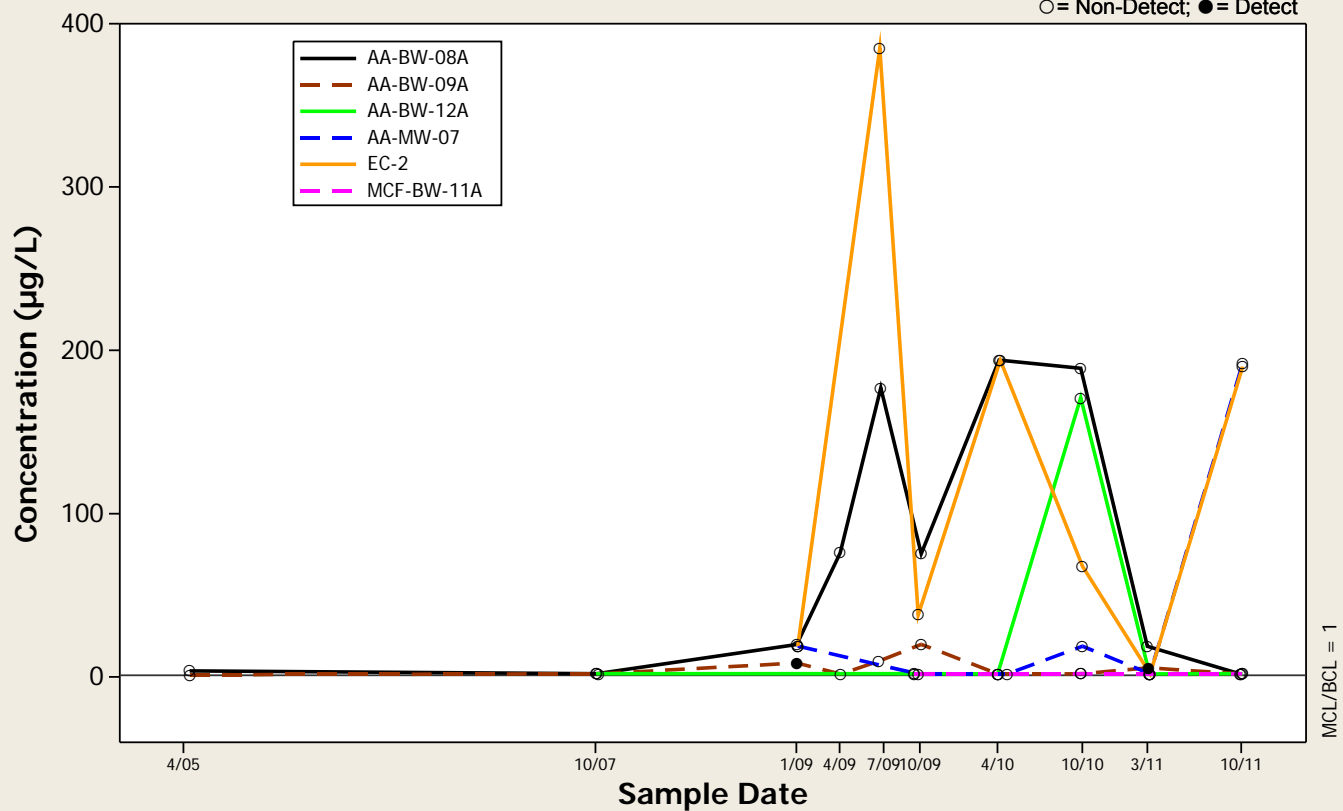
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Pentachlorophenol

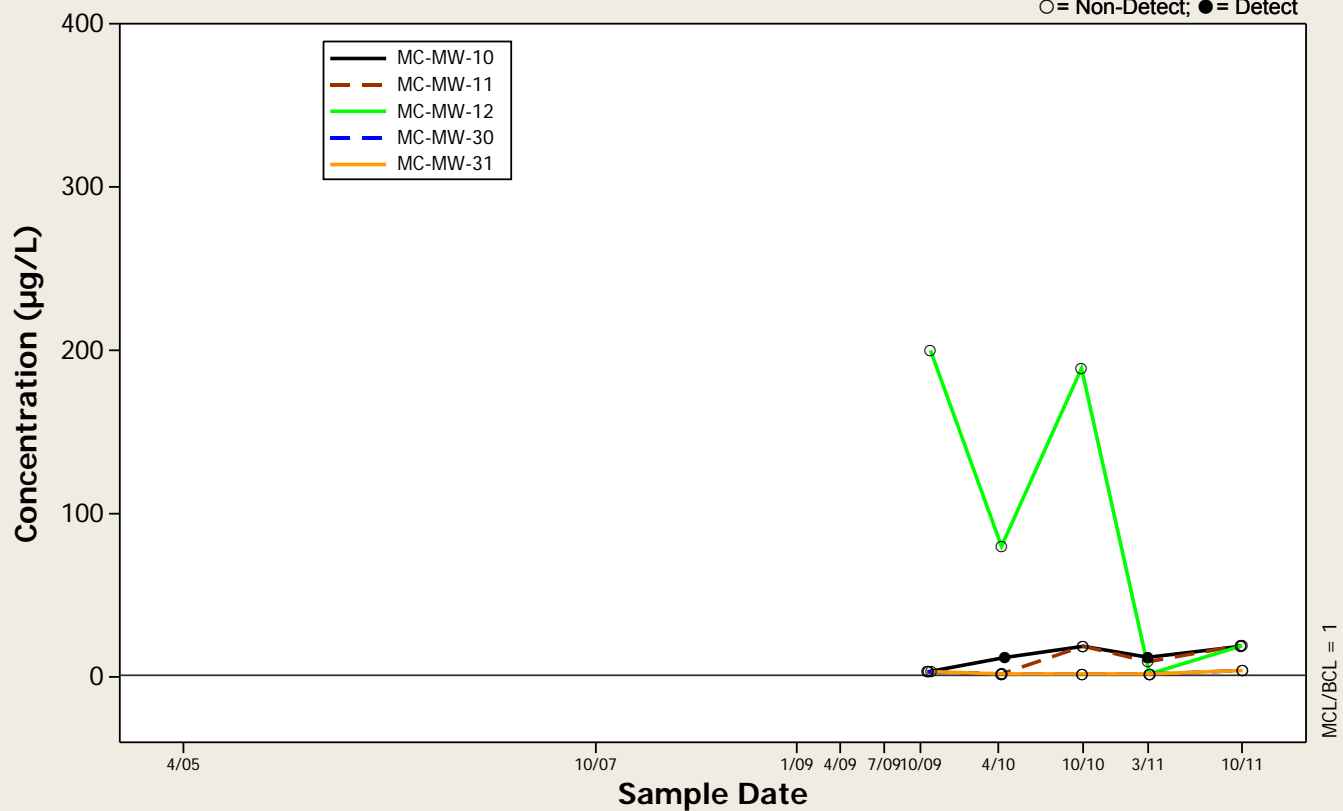
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Pentachlorophenol

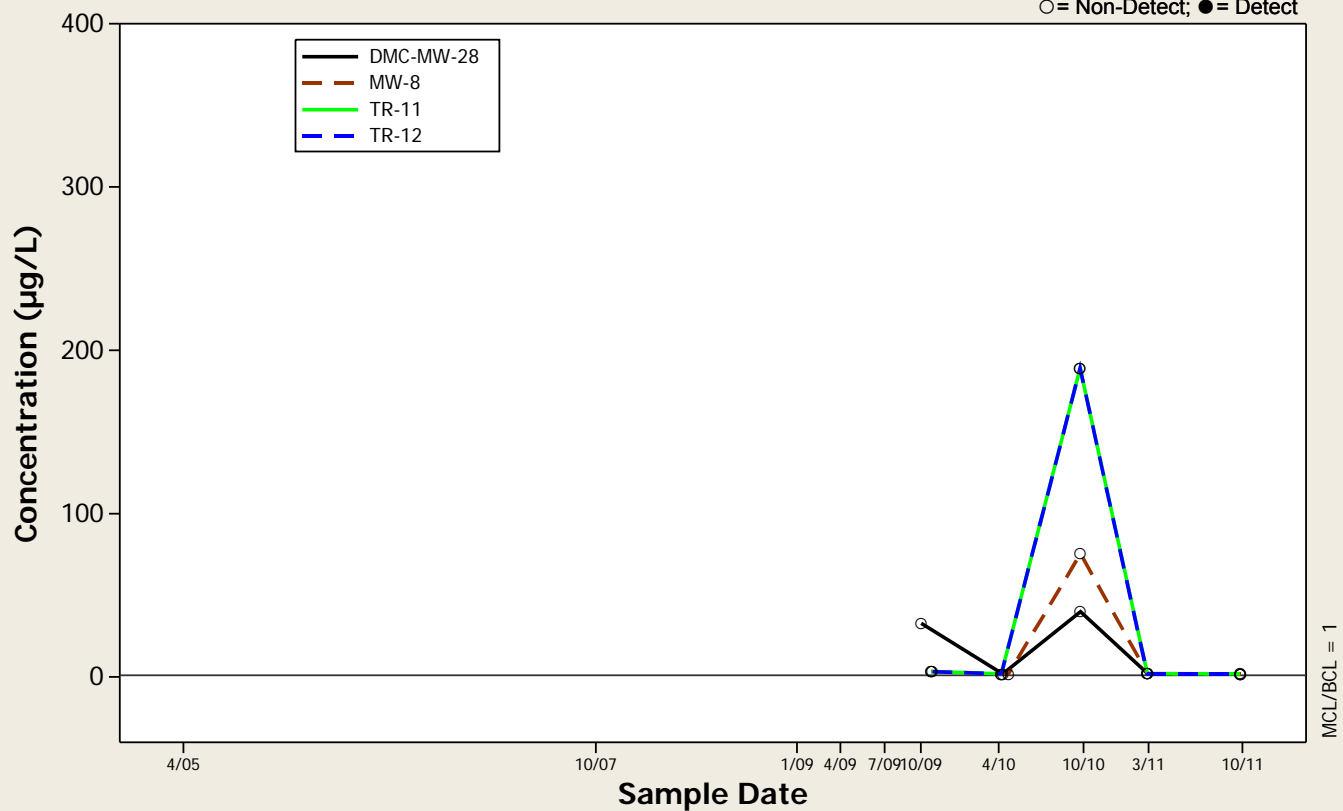
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Pentachlorophenol

○ = Non-Detect; ● = Detect



Analyte = Perchlorate

Concentration ($\mu\text{g/L}$)

Sample Date

Legend: ○ = Non-Detect; ● = Detect

Legend items:

- AA-BW-01A
- AA-BW-02A
- AA-BW-03A
- AA-BW-04A
- AA-BW-05A
- AA-BW-06A
- AA-BW-07A
- AA-BW-08A
- AA-BW-09A
- AA-BW-12A
- AA-MW-07
- EC-2
- H-21R
- H-28
- H-43
- M7B
- MCF-BW-11A

BCL = 18

Analyte = Perchlorate

Concentration ($\mu\text{g/L}$)

Sample Date

Legend:

- AA-BW-04A
- AA-BW-05A
- AA-BW-06A
- H-21R
- H-28
- H-43
- M7B

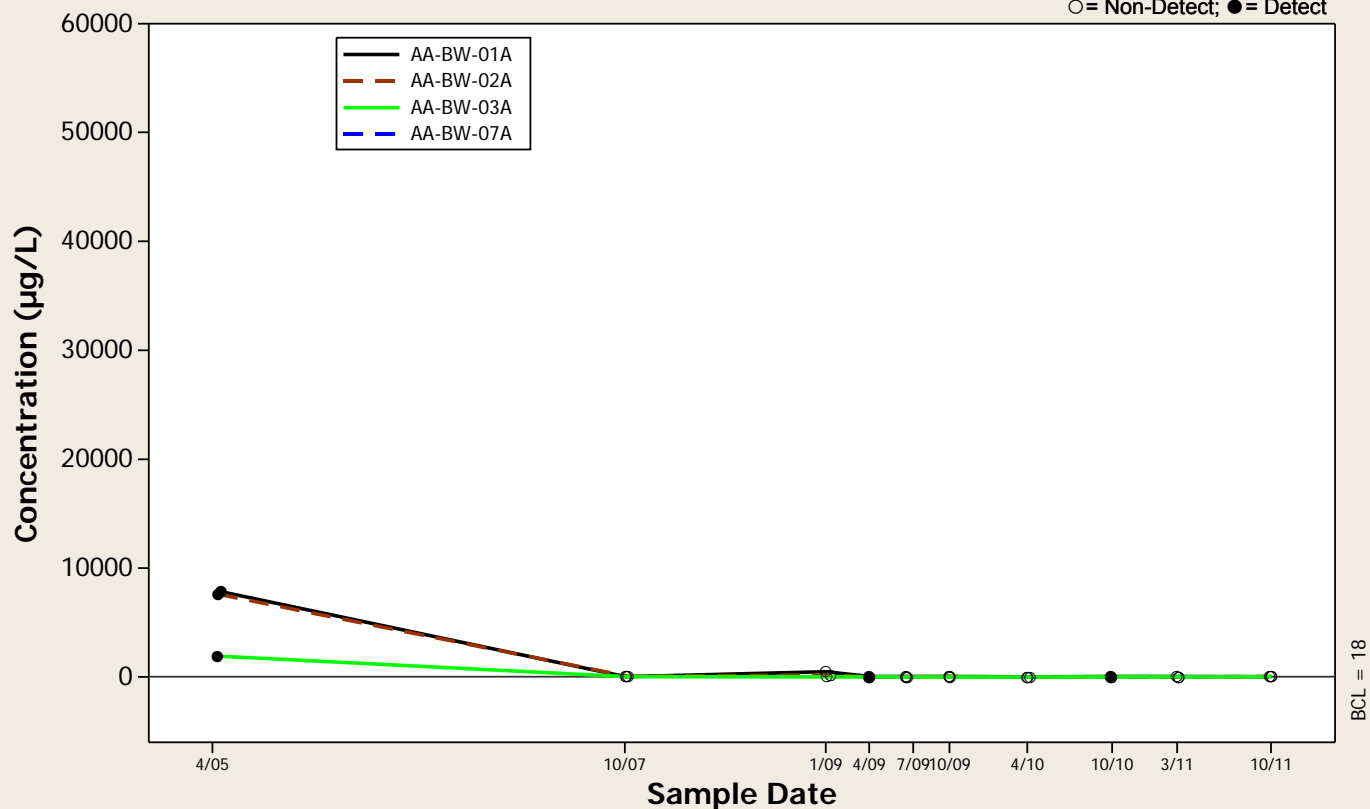
○ = Non-Detect, ● = Detect

BCL = 18

Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Perchlorate

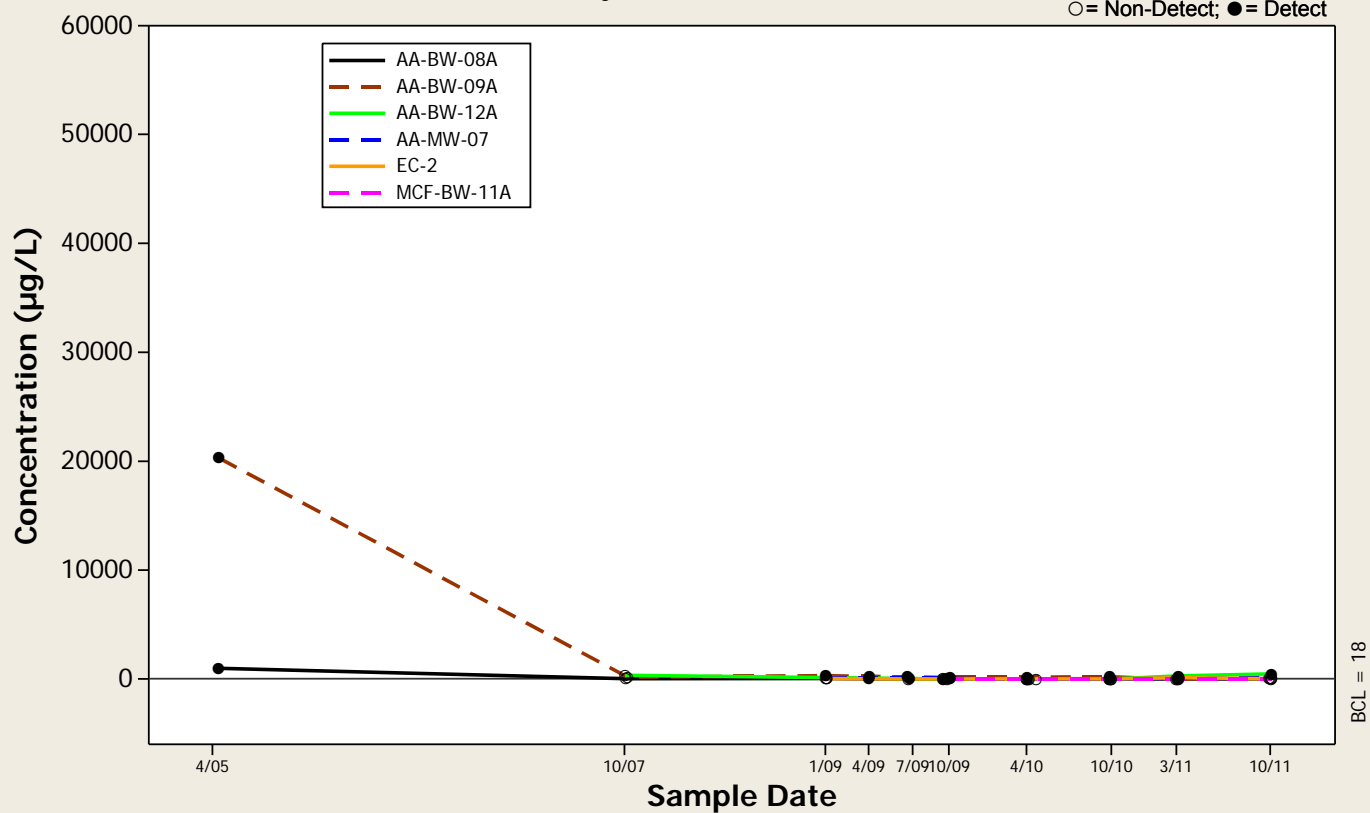
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Perchlorate

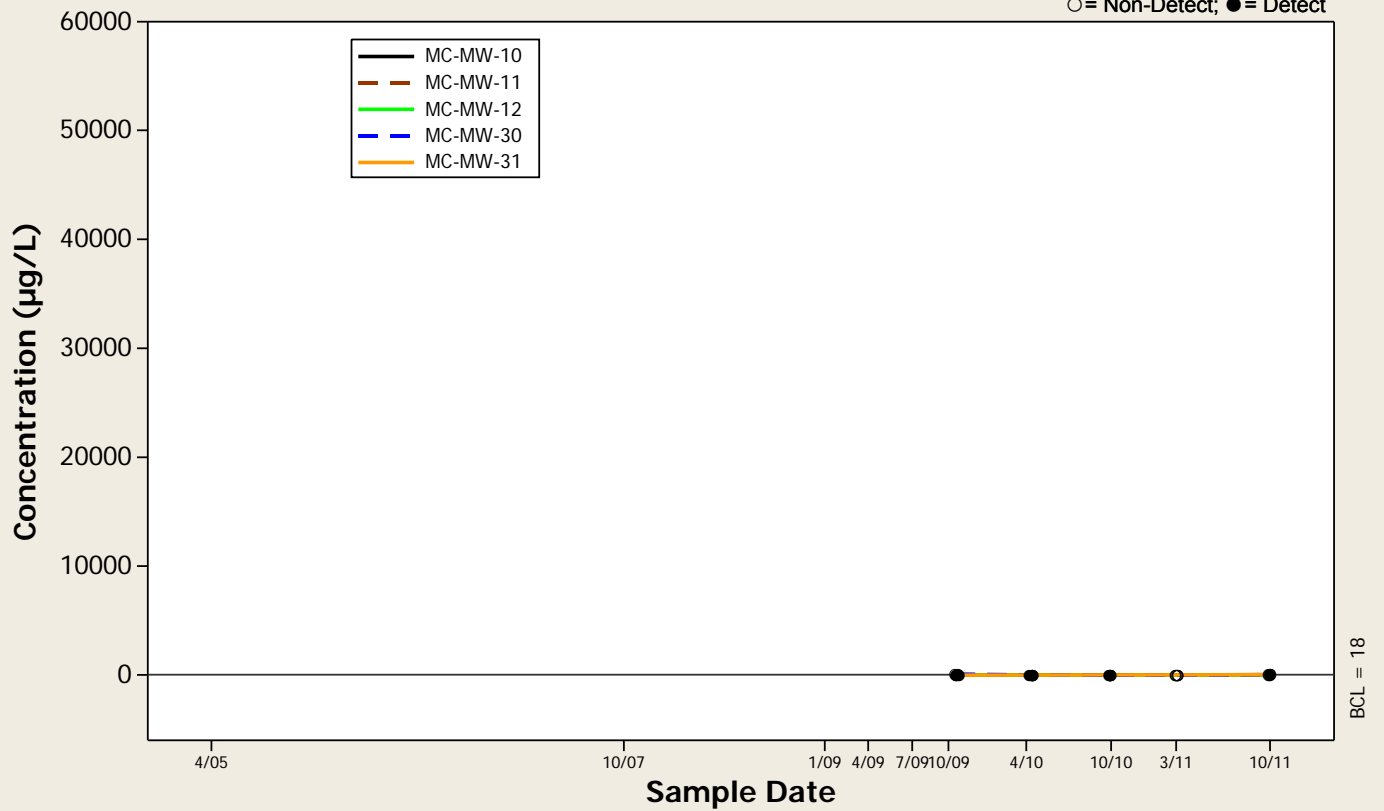
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Perchlorate

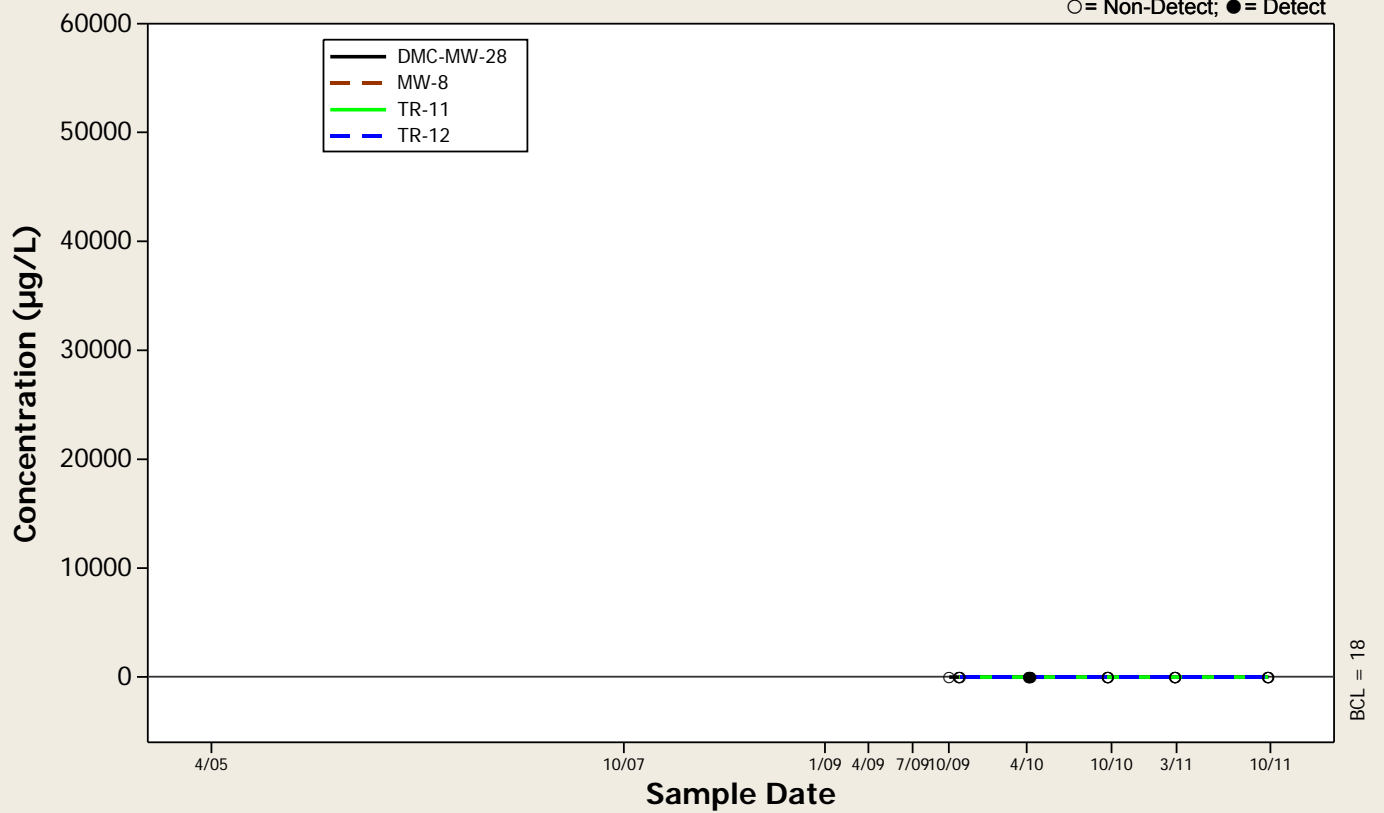
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Perchlorate

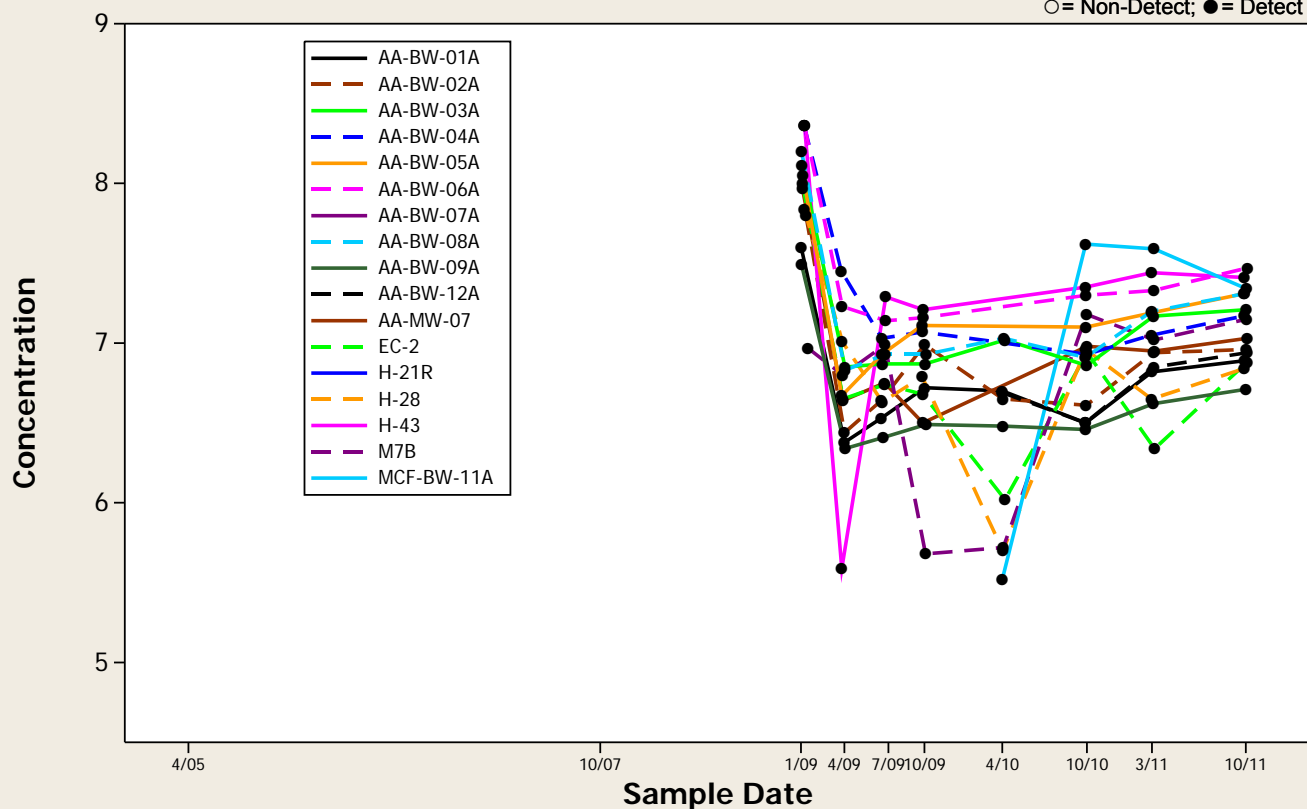
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = pH

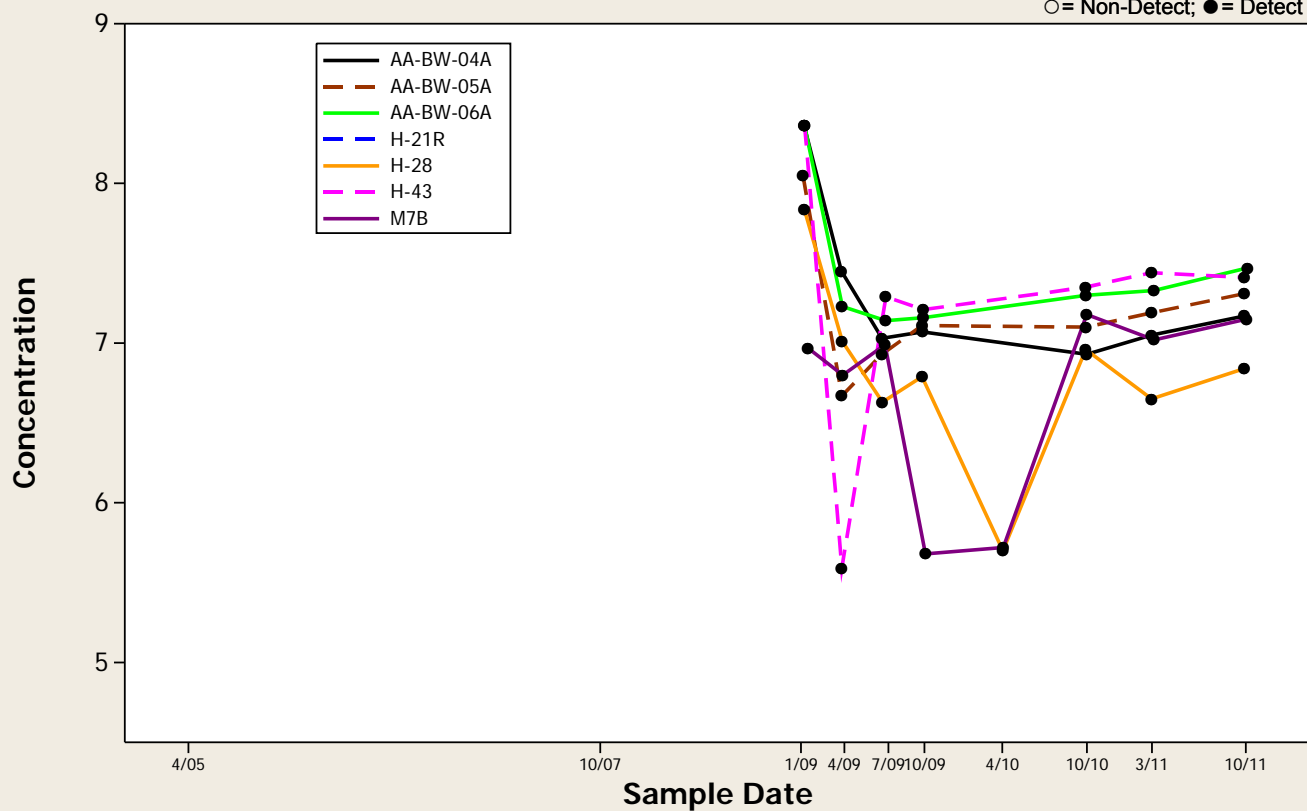
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = pH

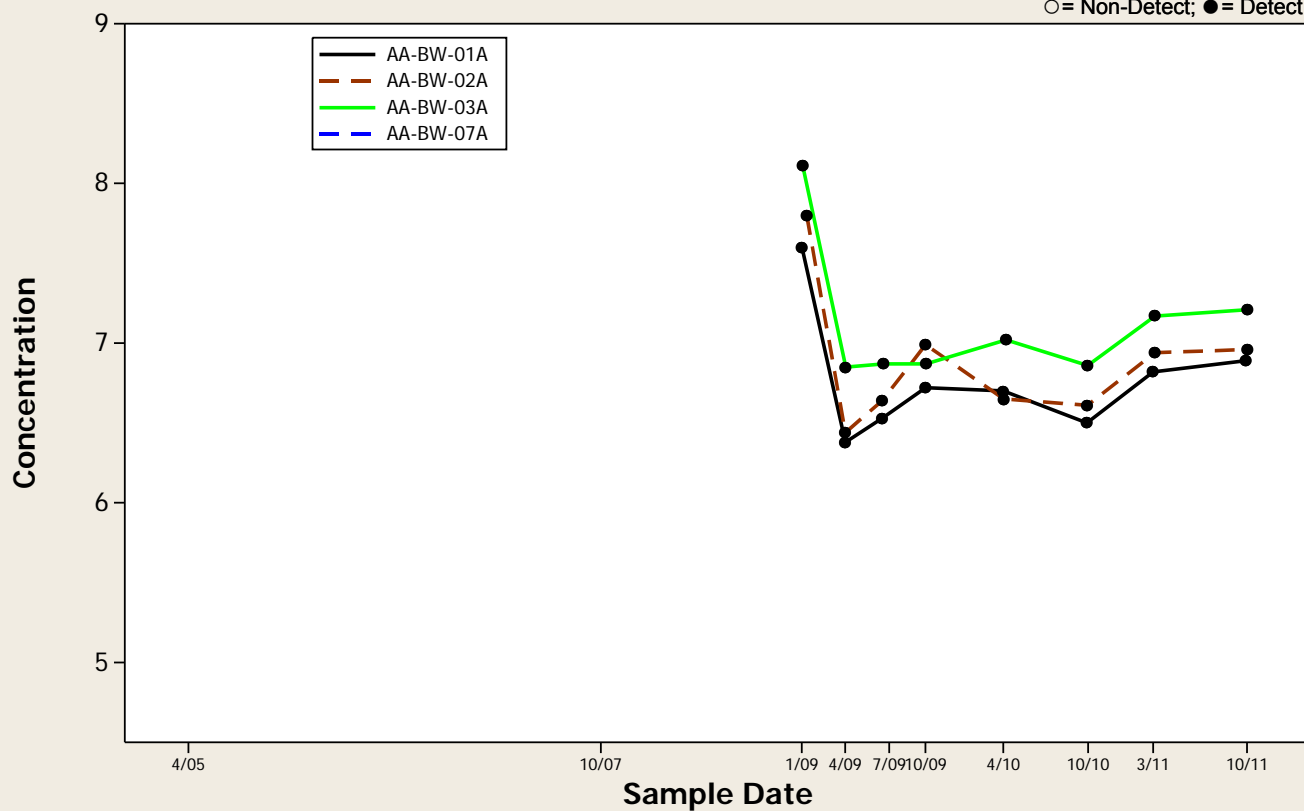
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = pH

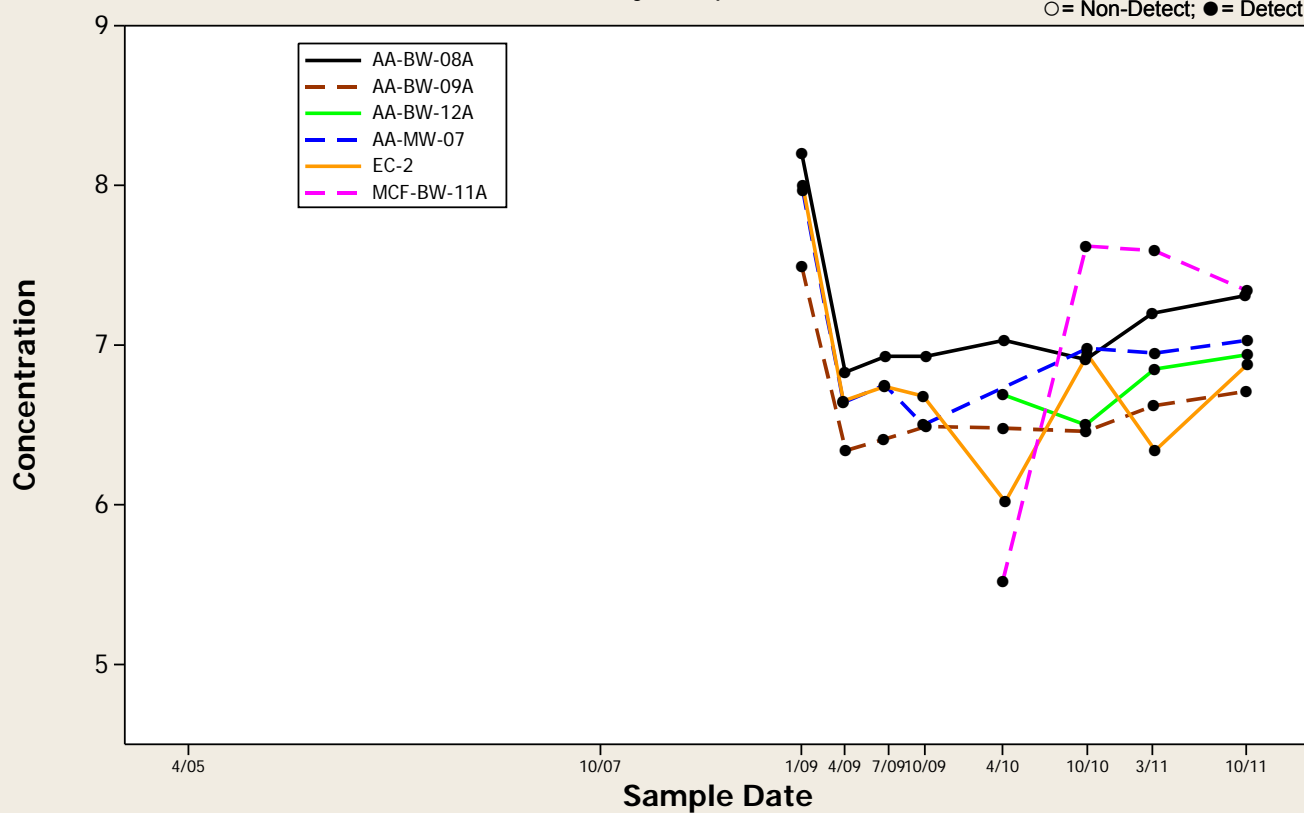
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = pH

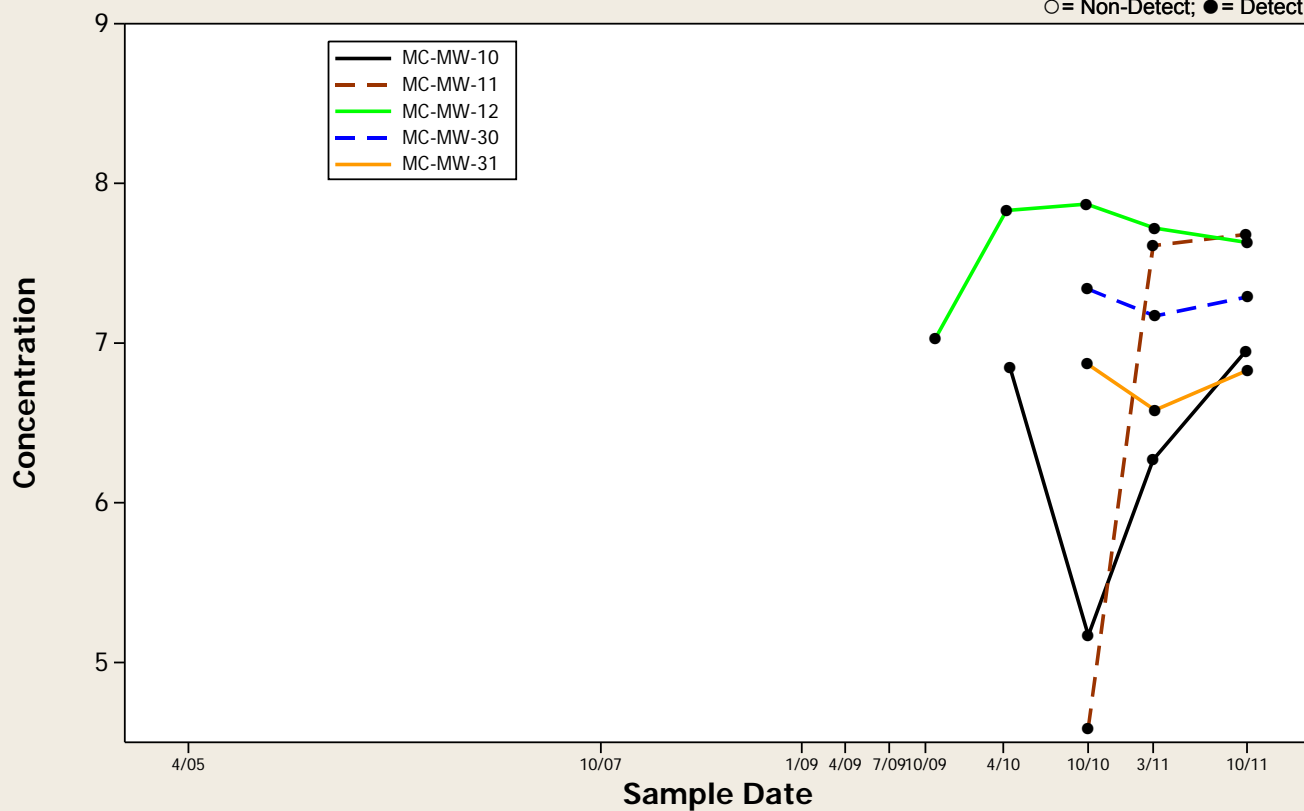
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = pH

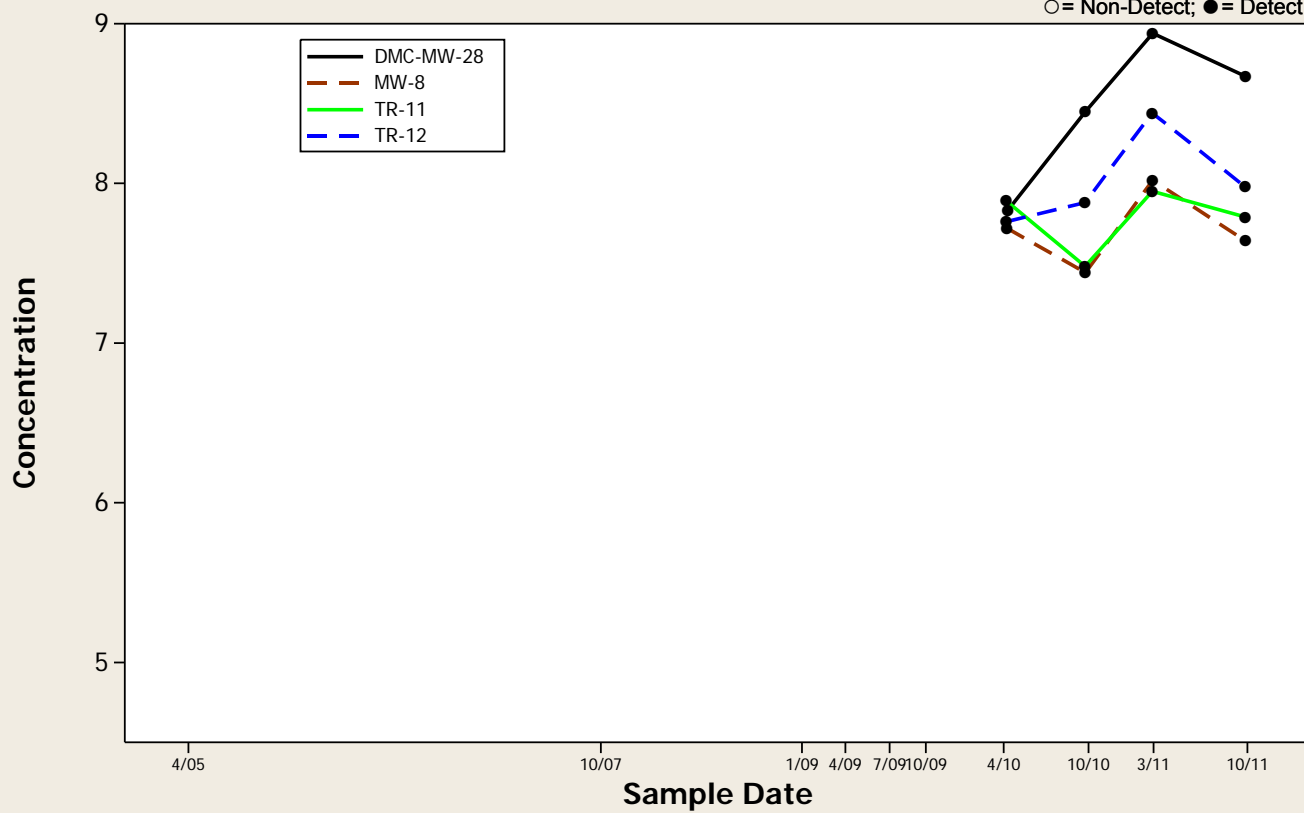
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

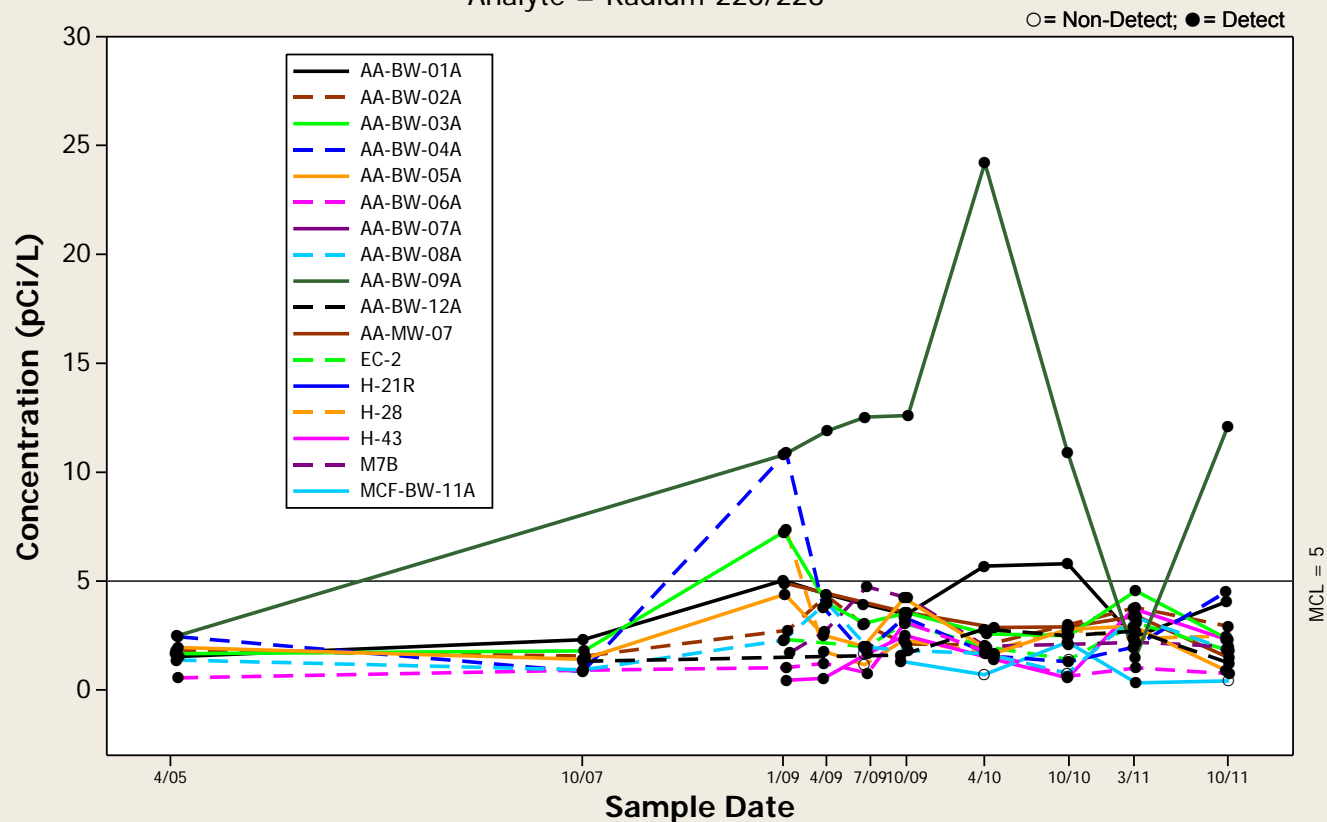
Analyte = pH

○ = Non-Detect; ● = Detect



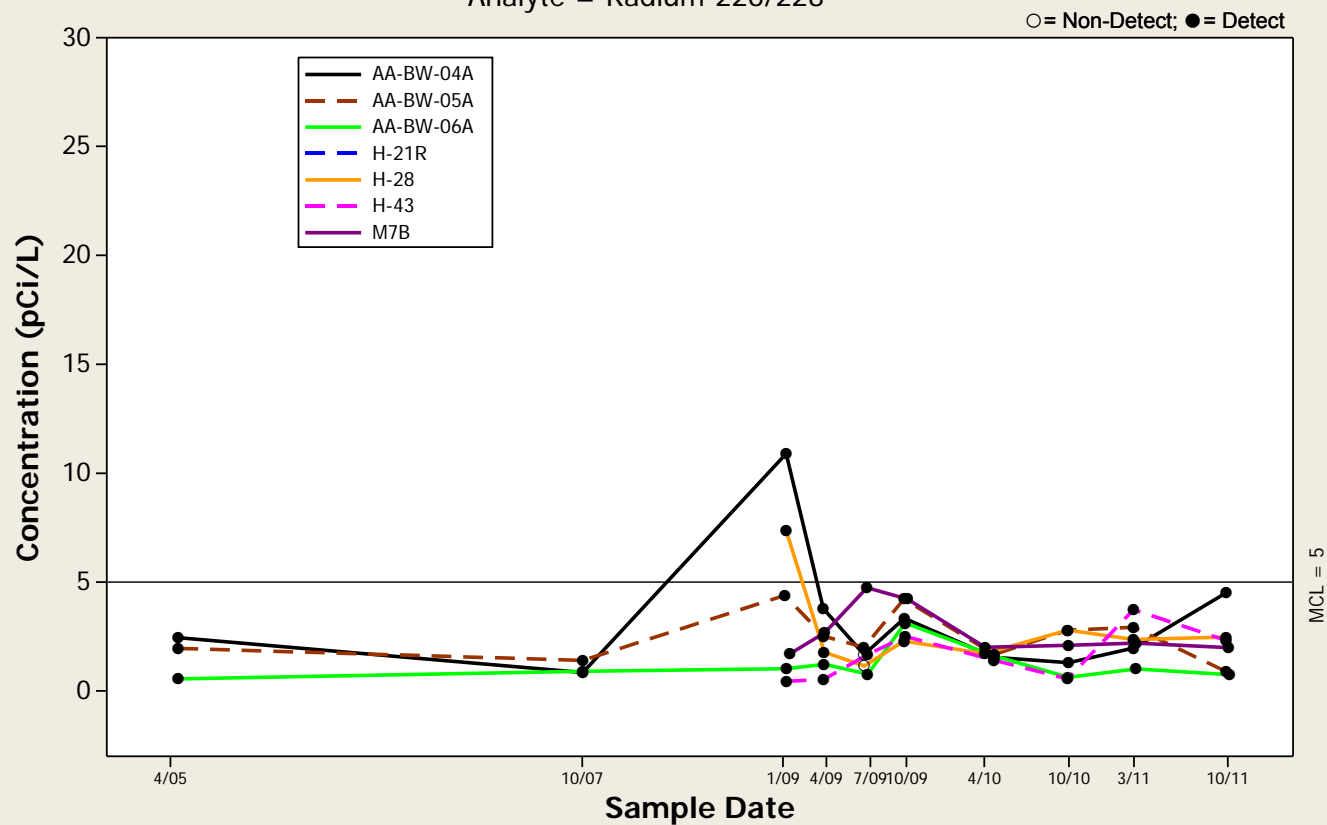
Concentration Trend Graph - All Shallow Zone Wells

Analyte = Radium-226/228



Concentration Trend Graph - Downgradient Shallow Zone Wells

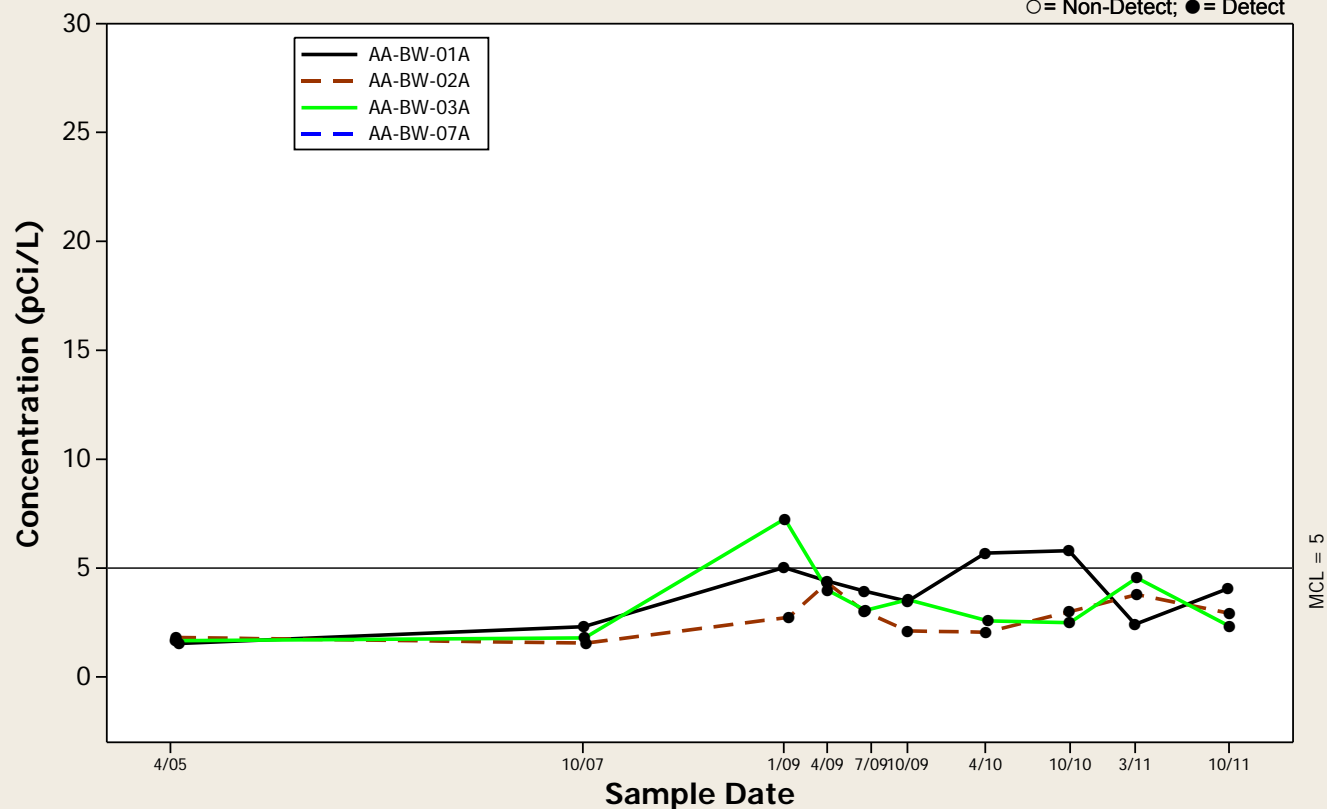
Analyte = Radium-226/228



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Radium-226/228

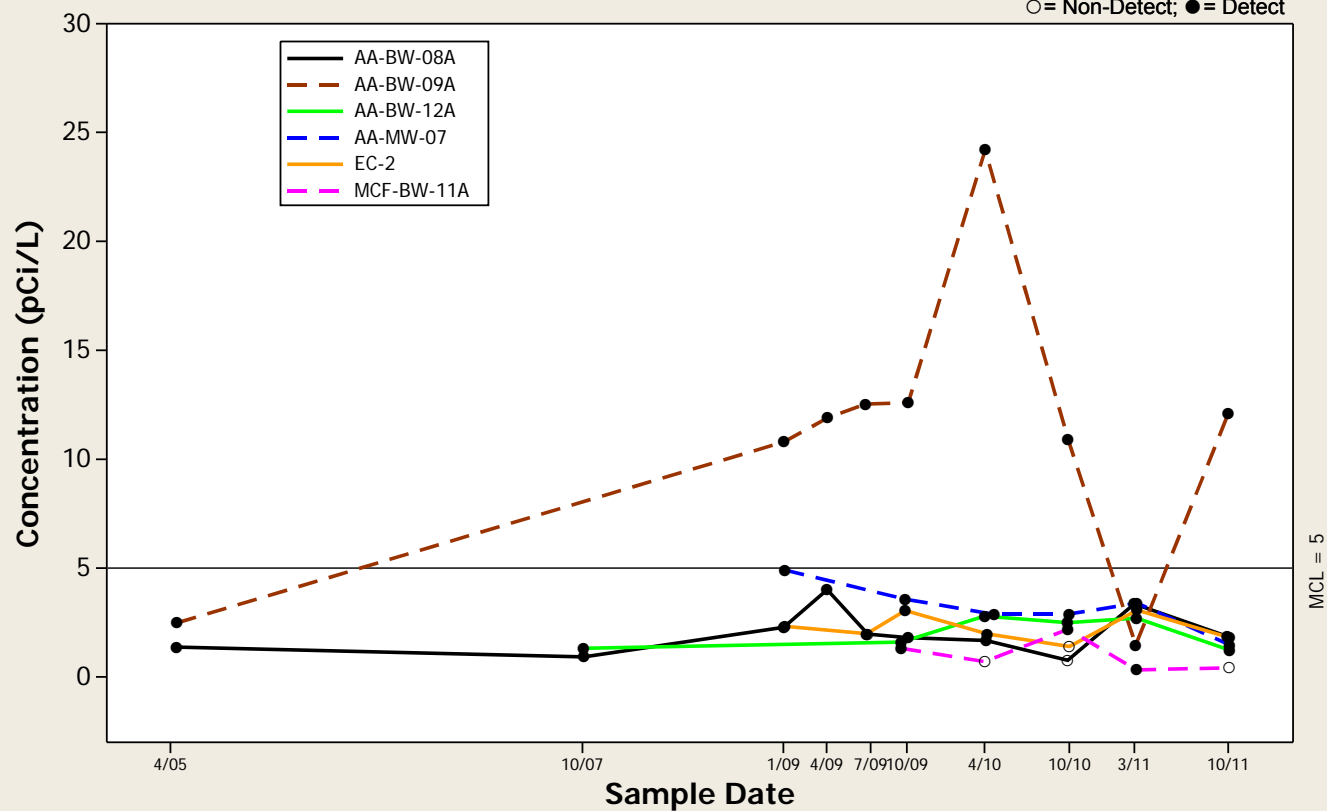
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

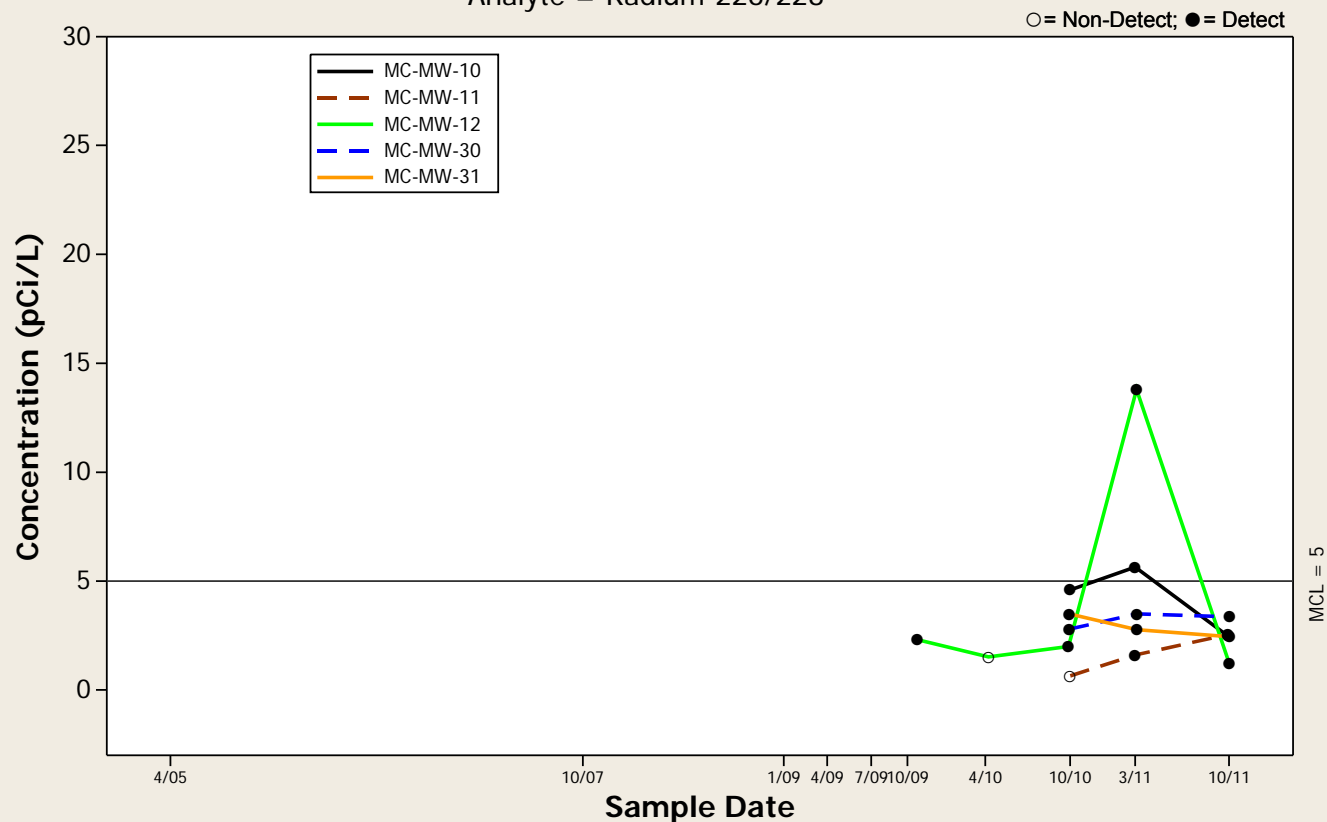
Analyte = Radium-226/228

○ = Non-Detect; ● = Detect



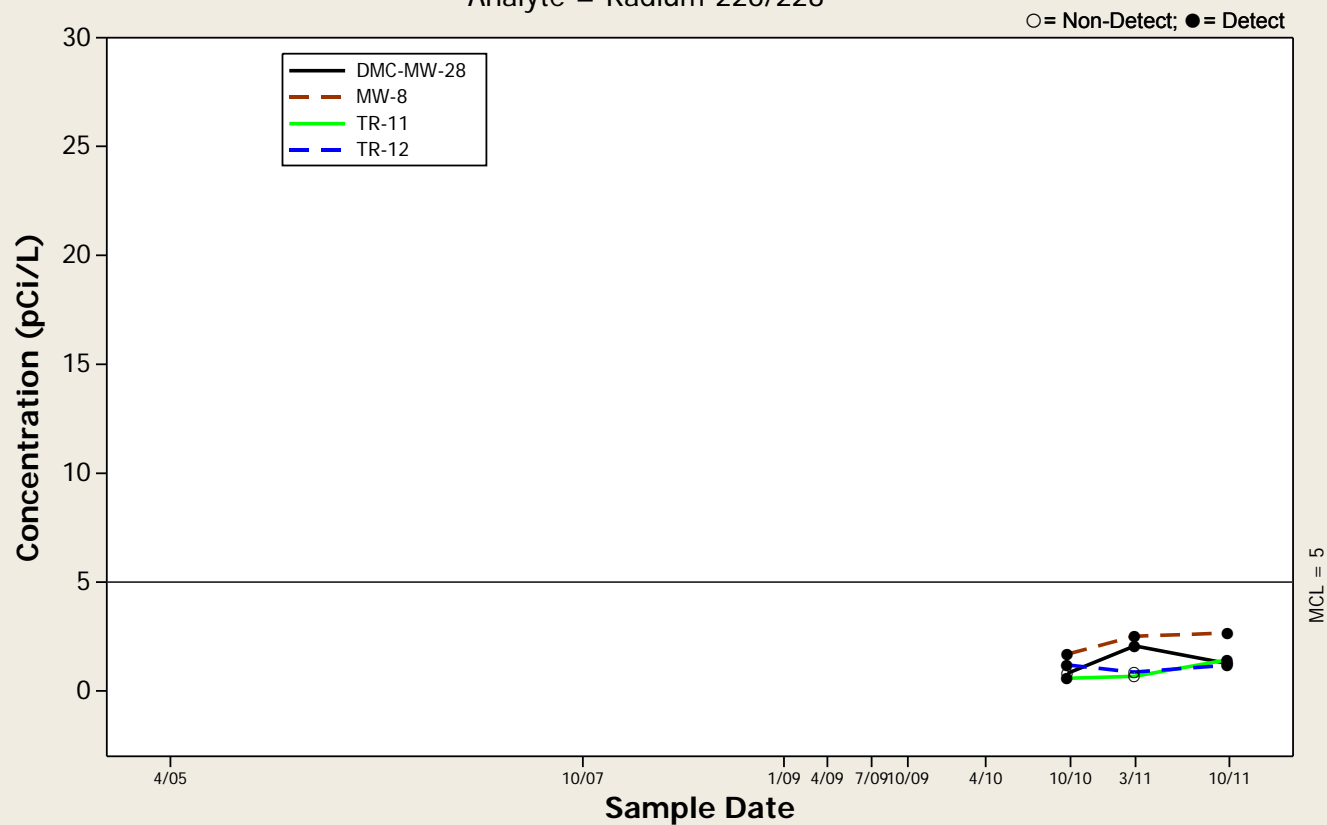
Concentration Trend Graph - Middle Zone Wells

Analyte = Radium-226/228



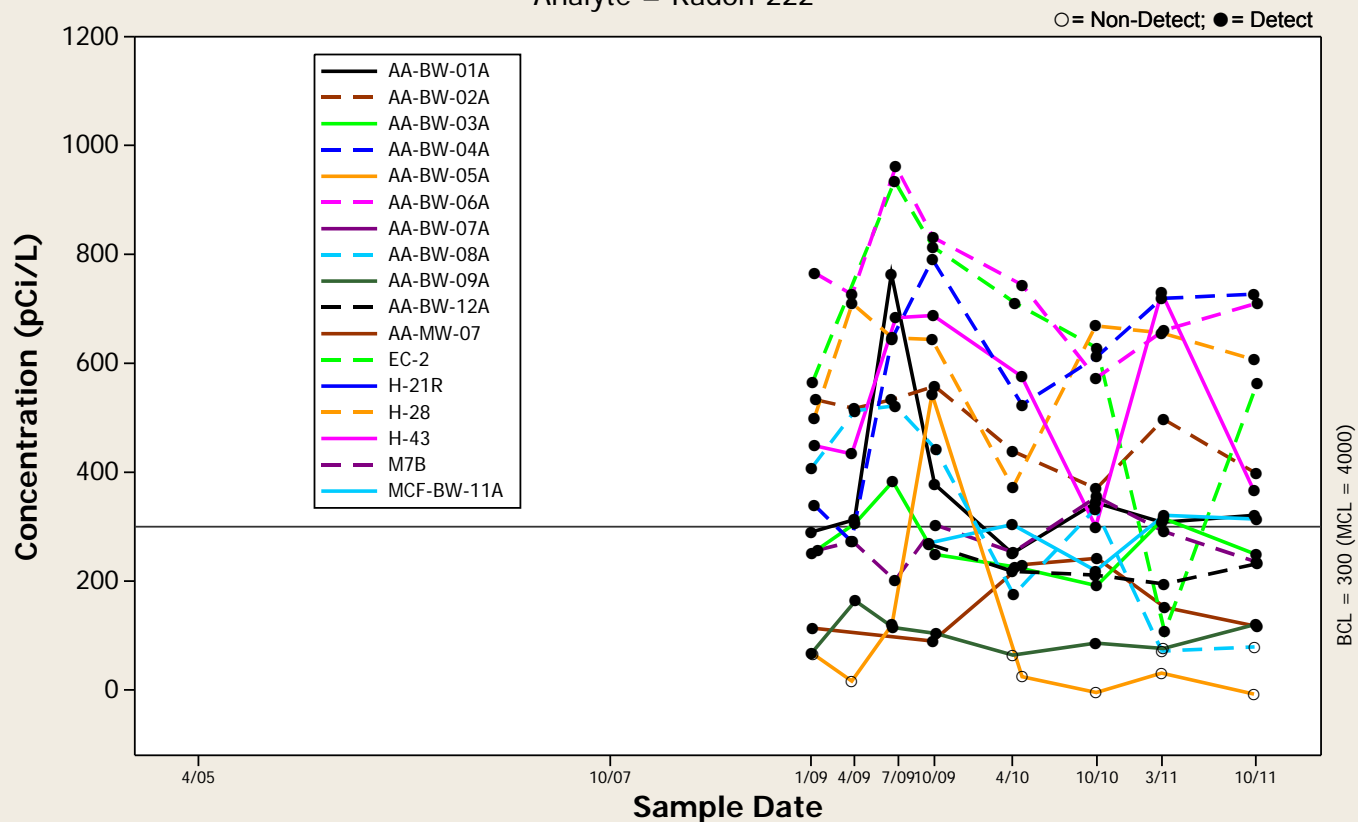
Concentration Trend Graph - Deep Zone Wells

Analyte = Radium-226/228



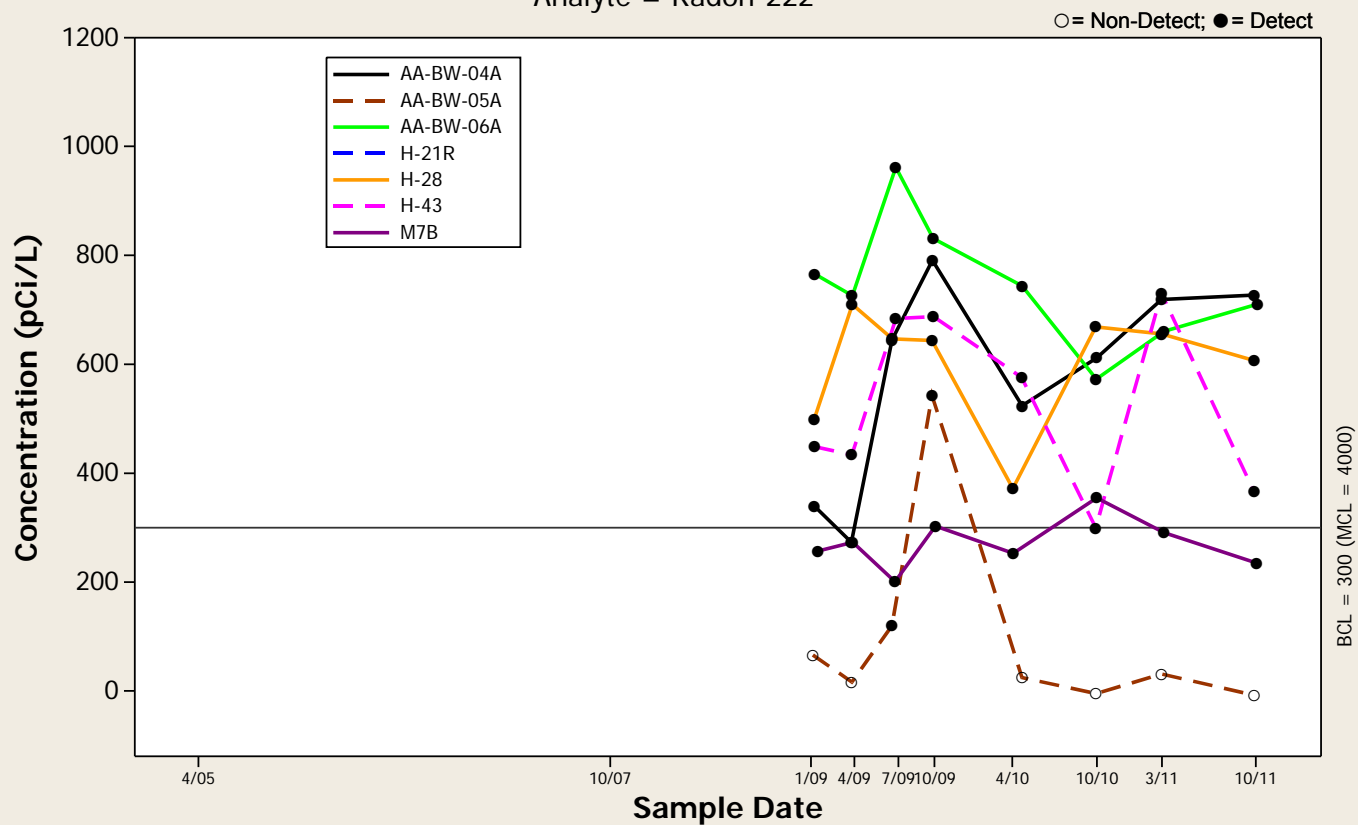
Concentration Trend Graph - All Shallow Zone Wells

Analyte = Radon-222



Concentration Trend Graph - Downgradient Shallow Zone Wells

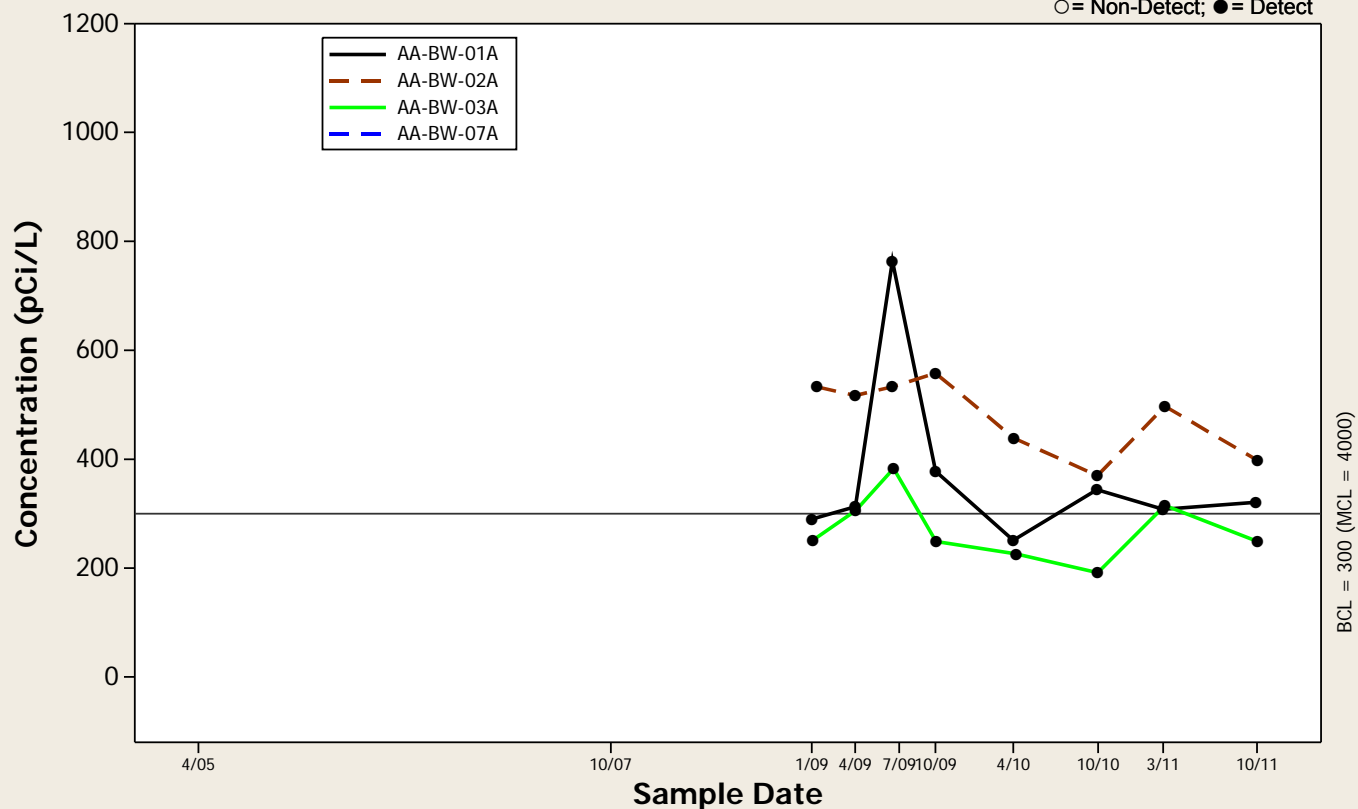
Analyte = Radon-222



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Radon-222

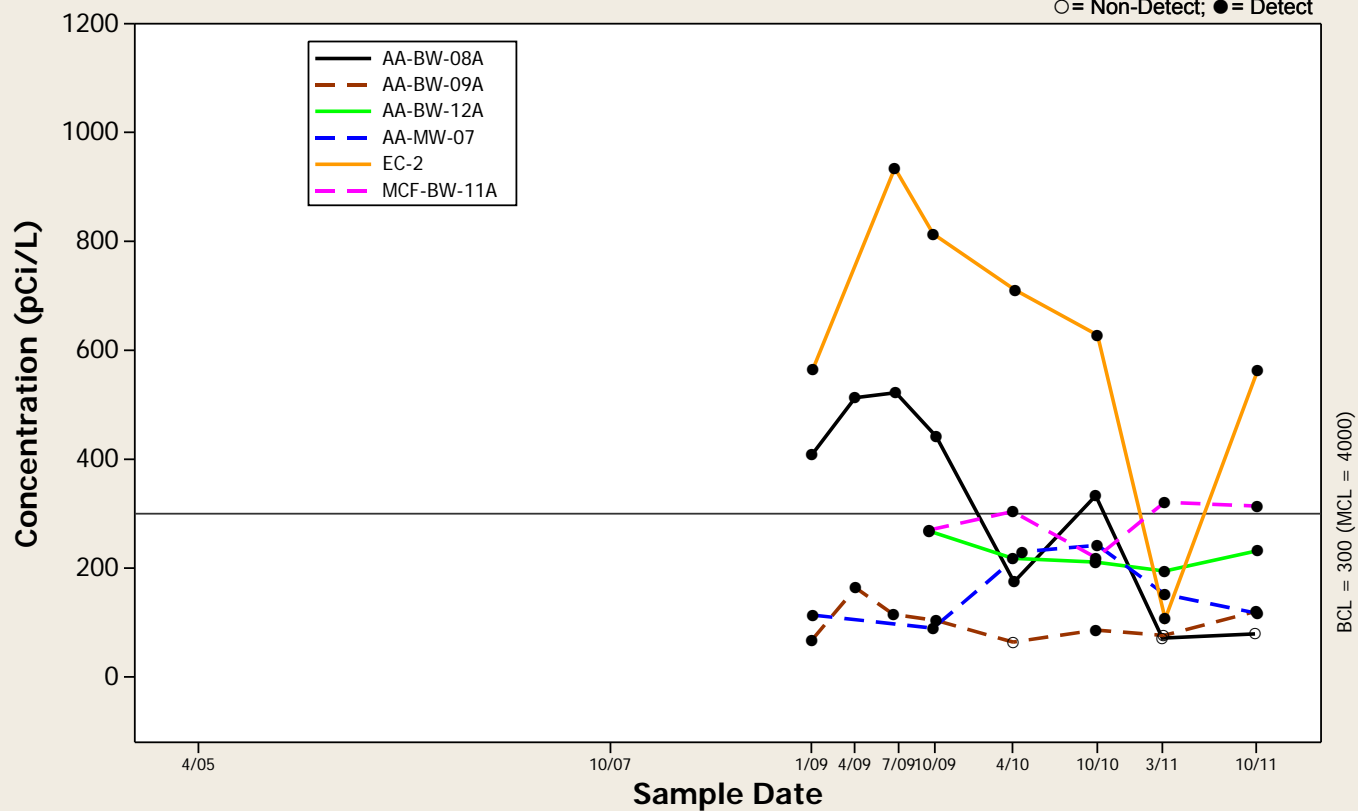
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Radon-222

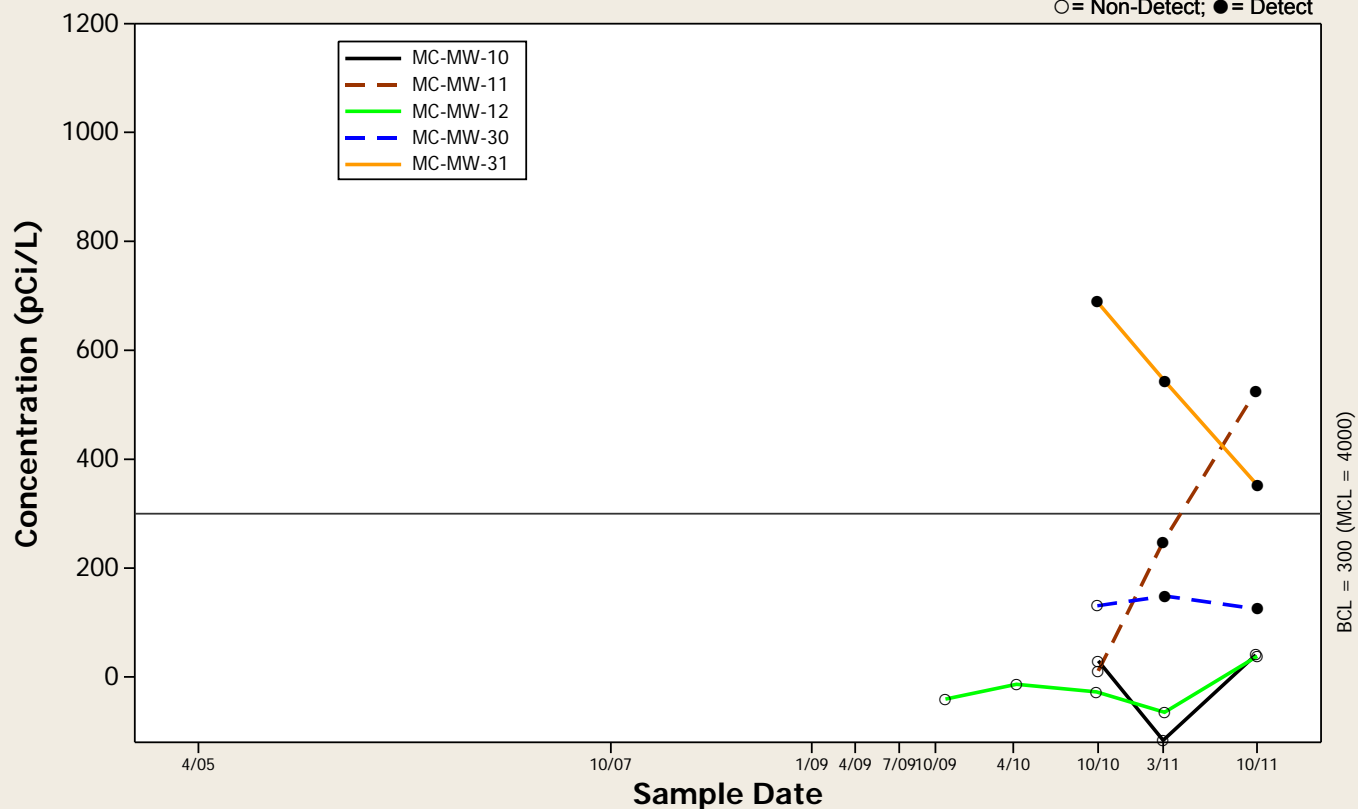
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Radon-222

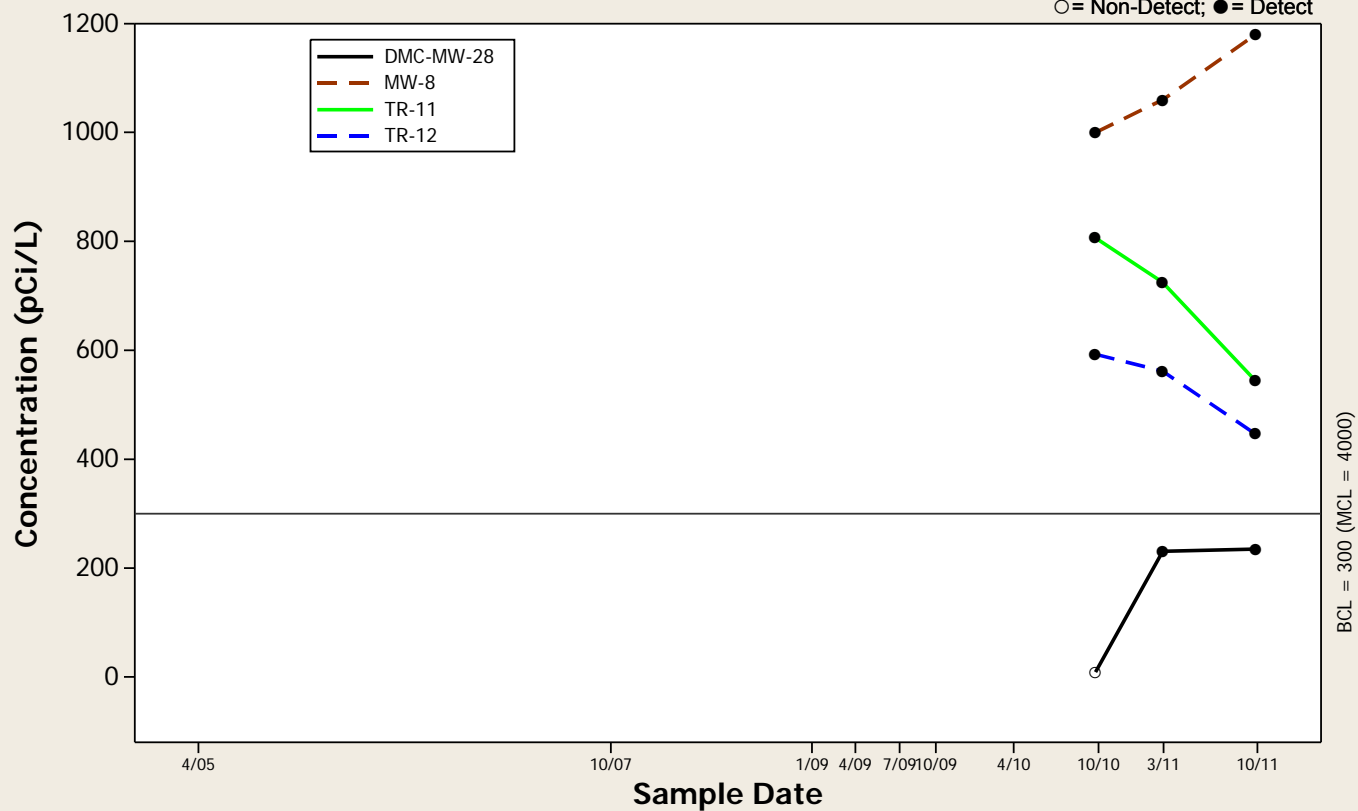
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Radon-222

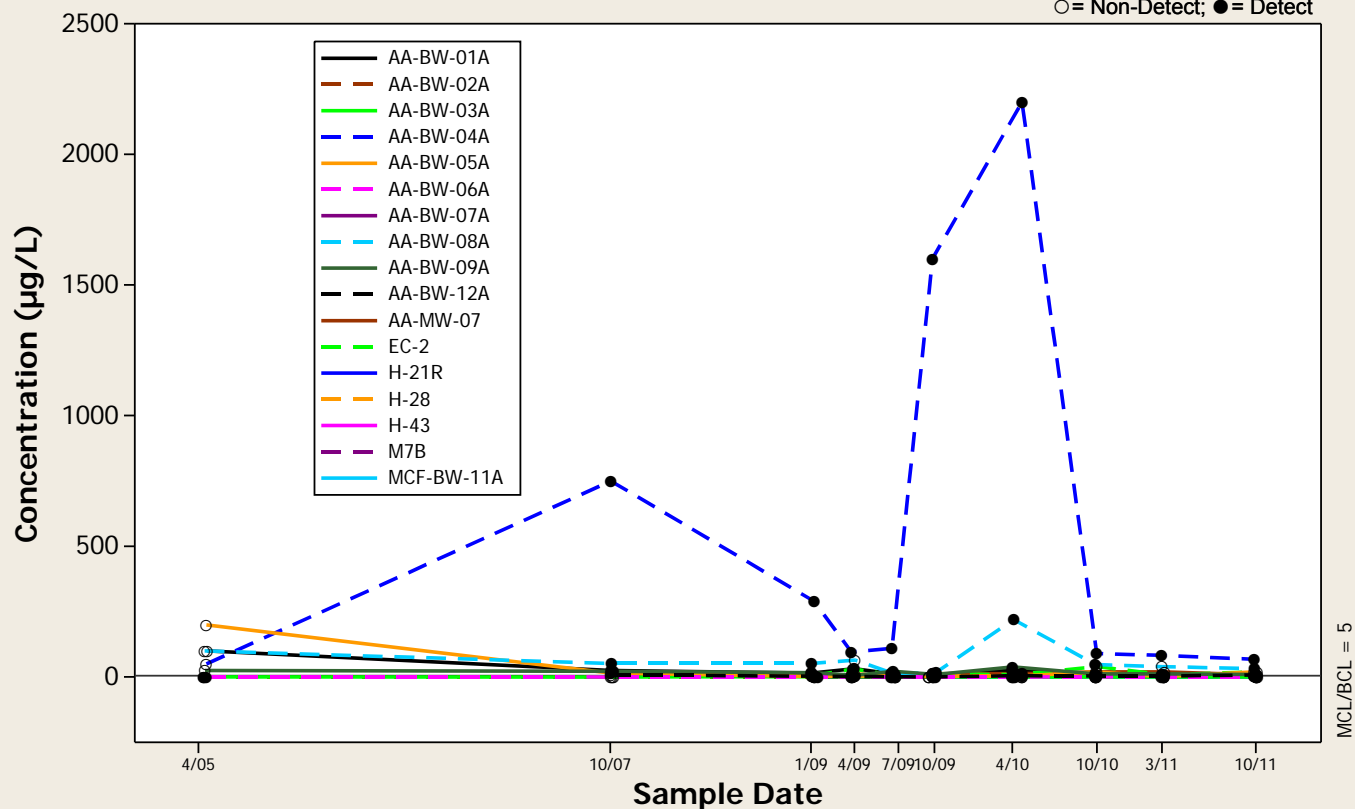
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Tetrachloroethene

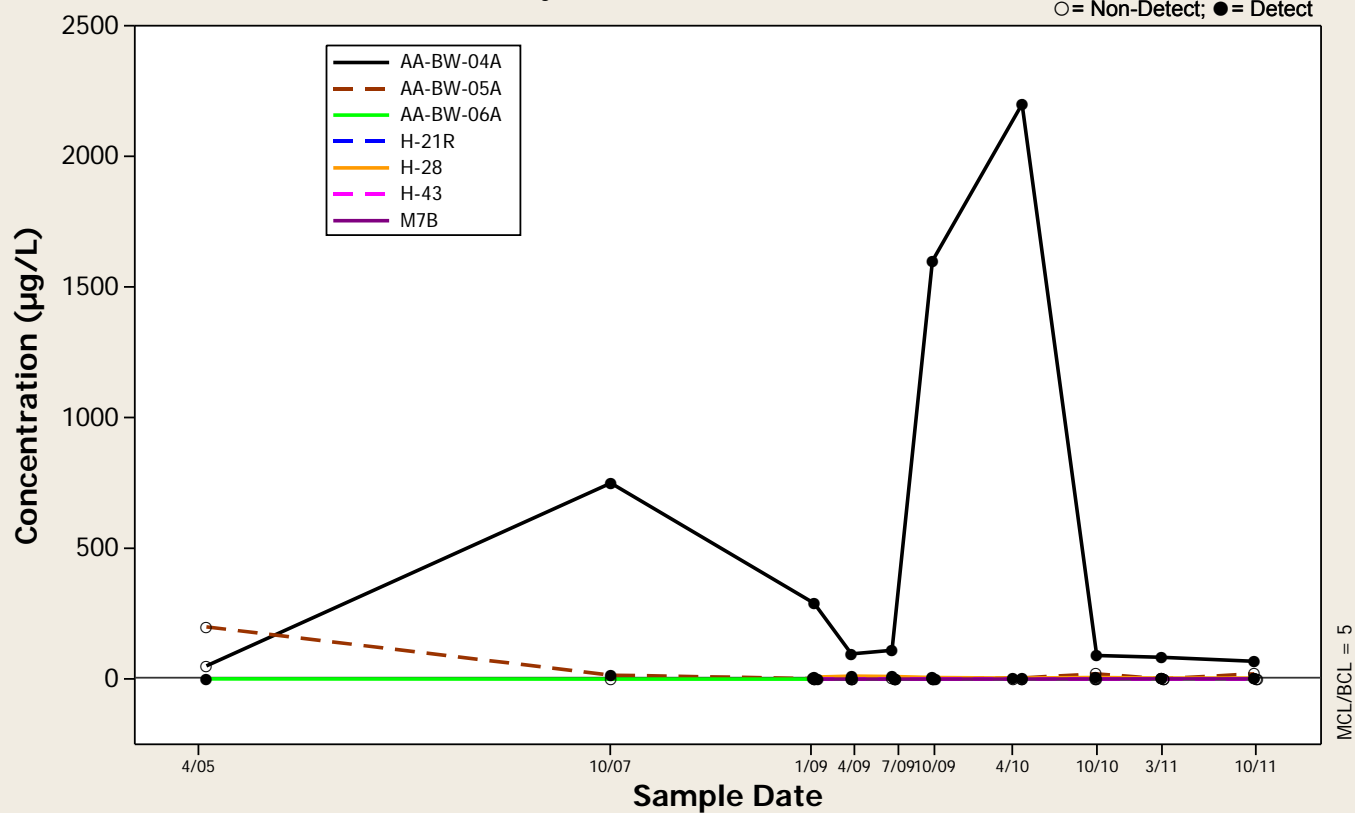
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Tetrachloroethene

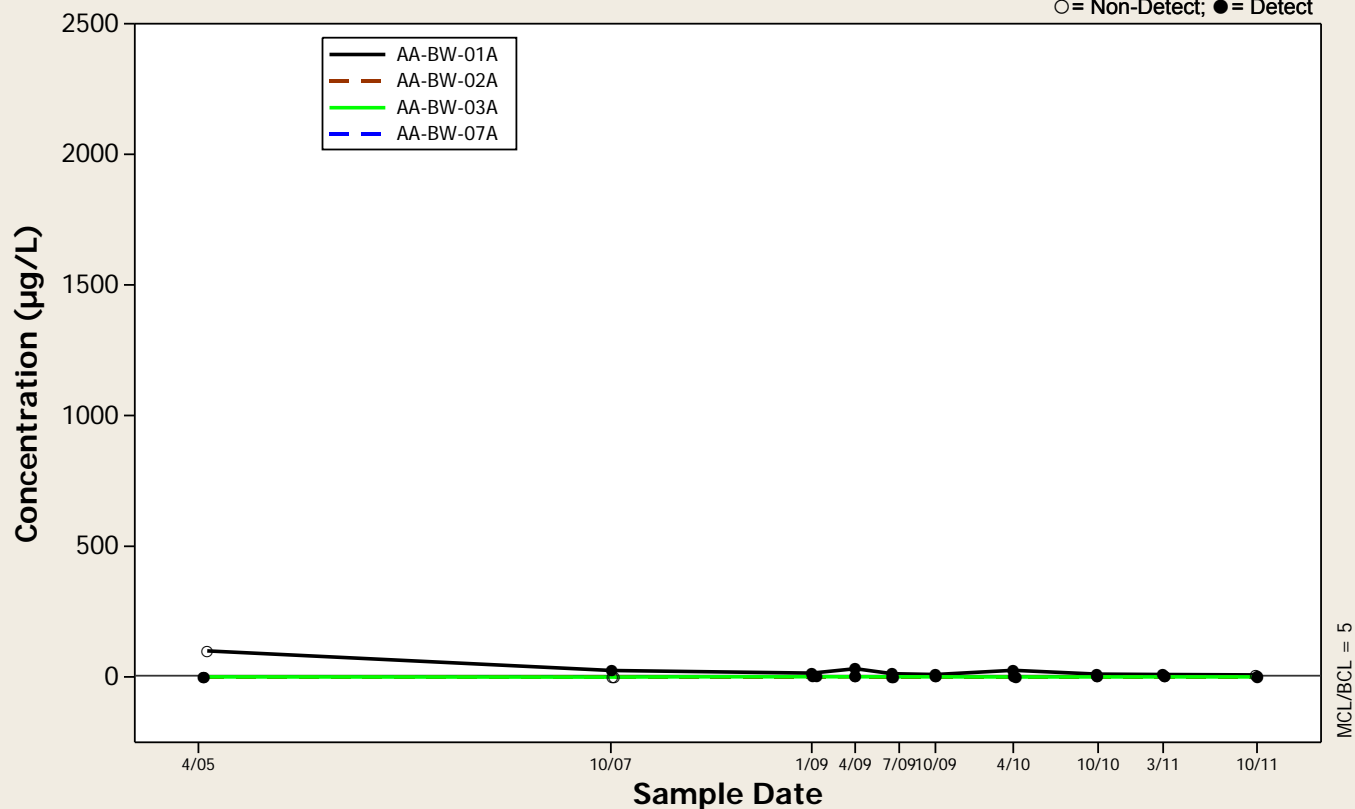
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Tetrachloroethene

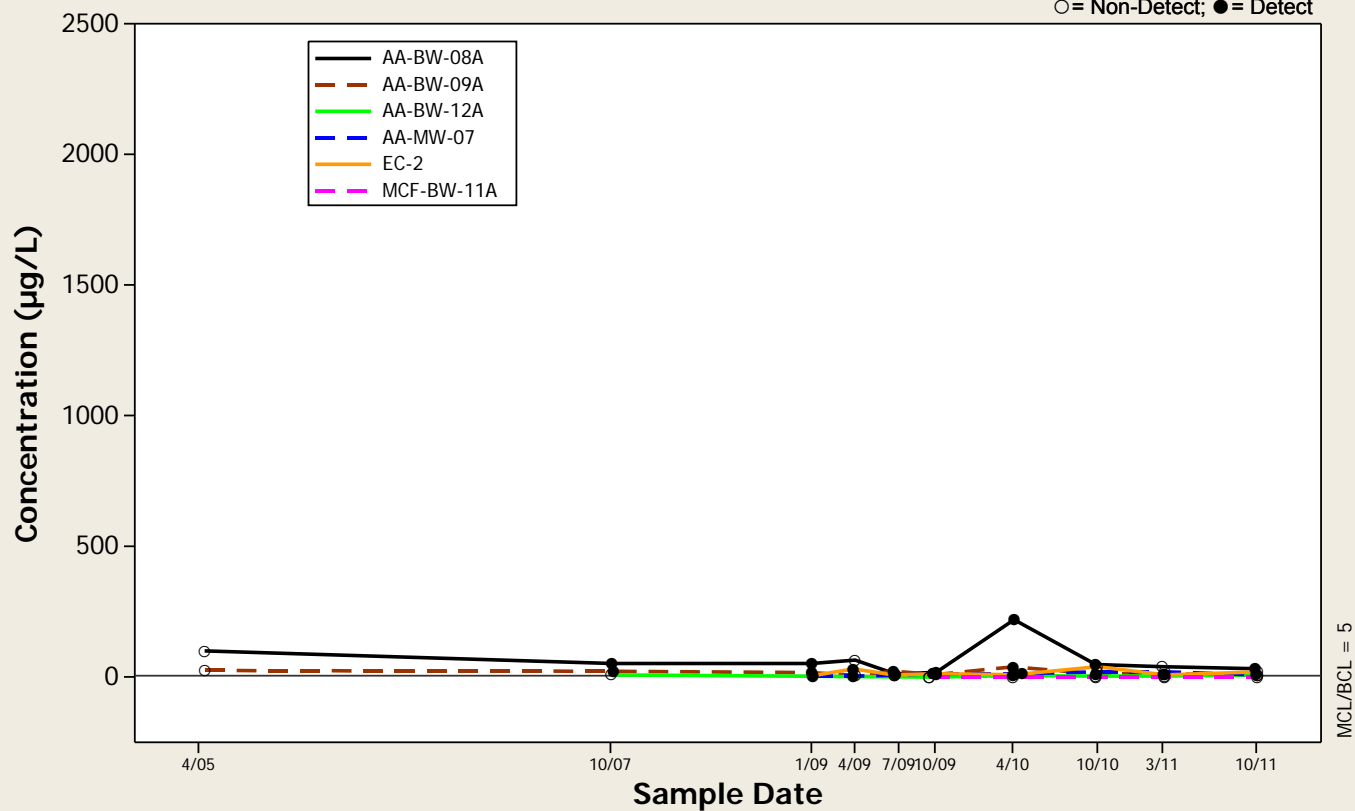
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Tetrachloroethene

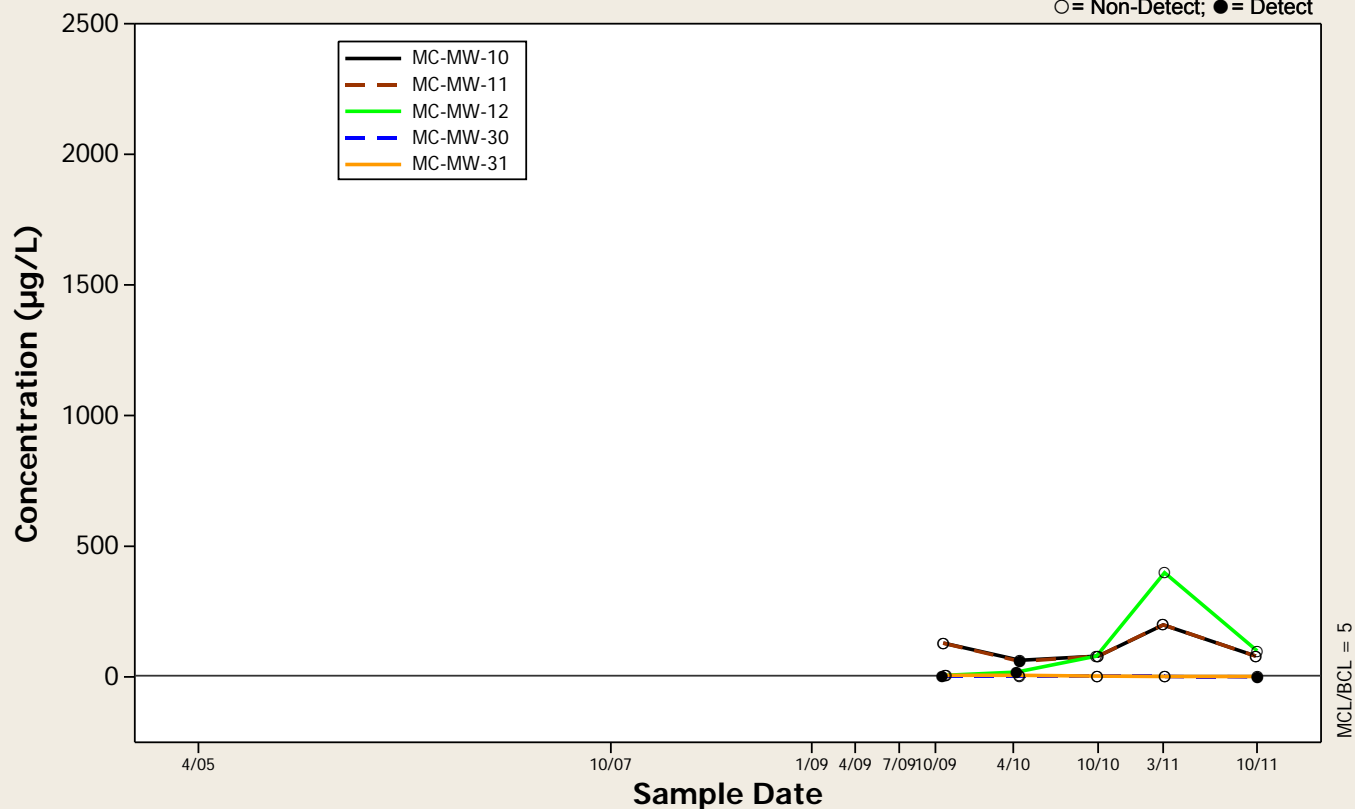
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Tetrachloroethene

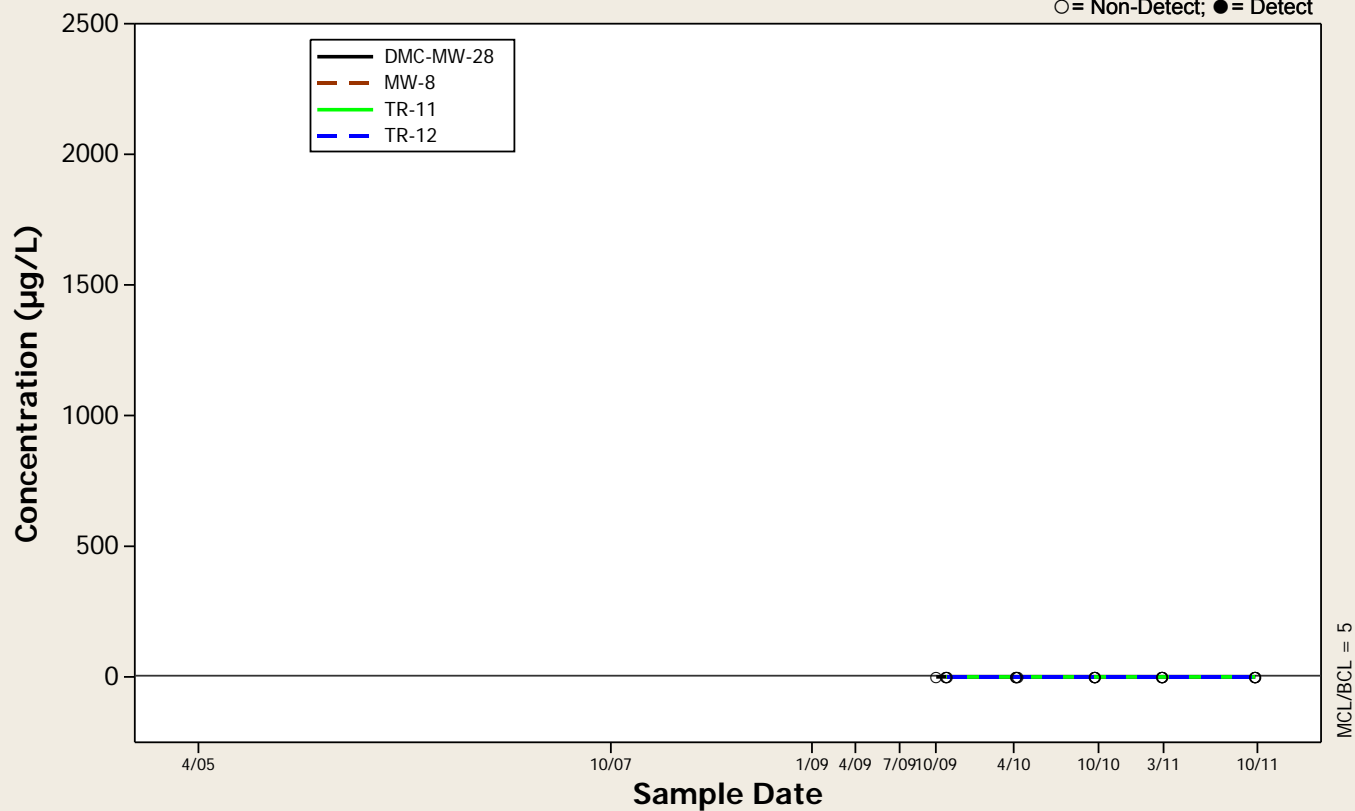
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Tetrachloroethene

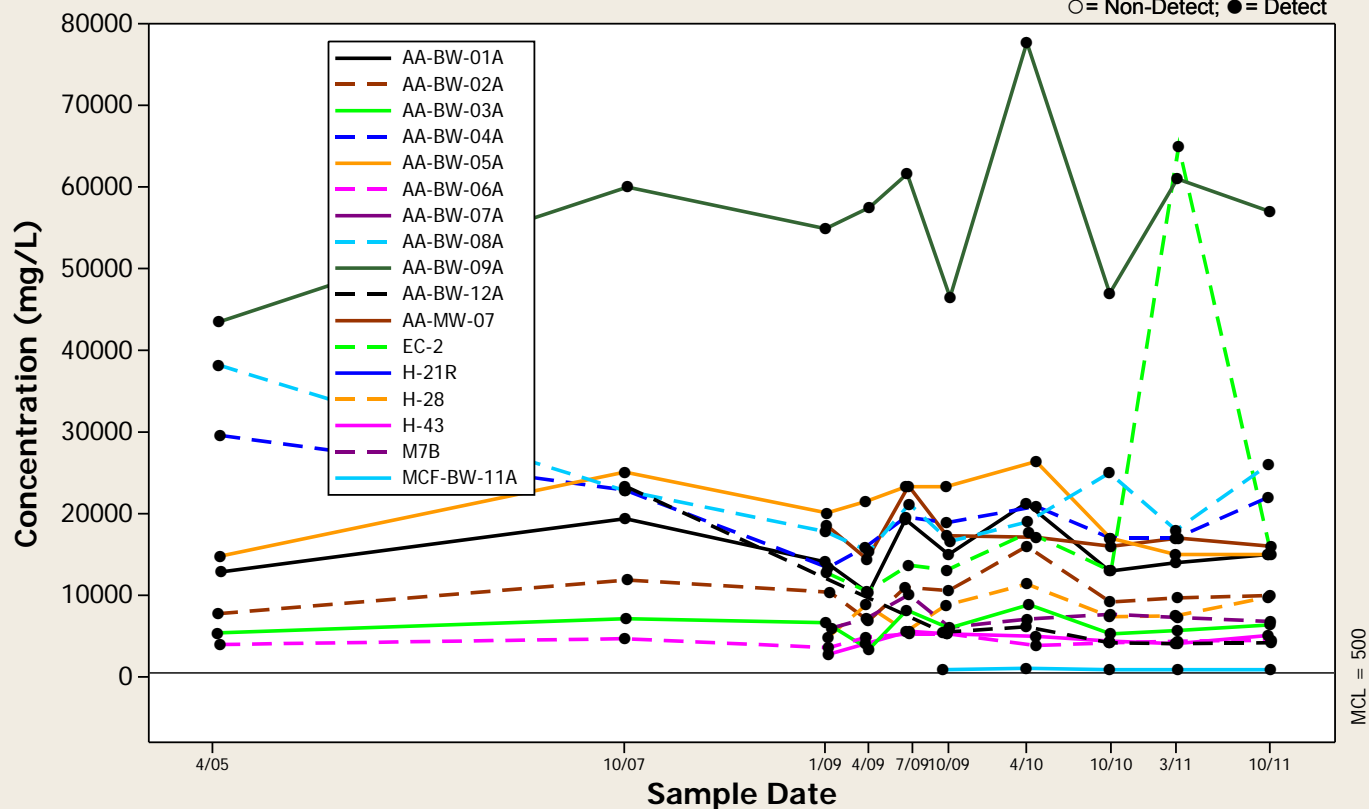
○ = Non-Detect; ● = Detect



Concentration Trend Graph - All Shallow Zone Wells

Analyte = Total Dissolved Solids (TDS)

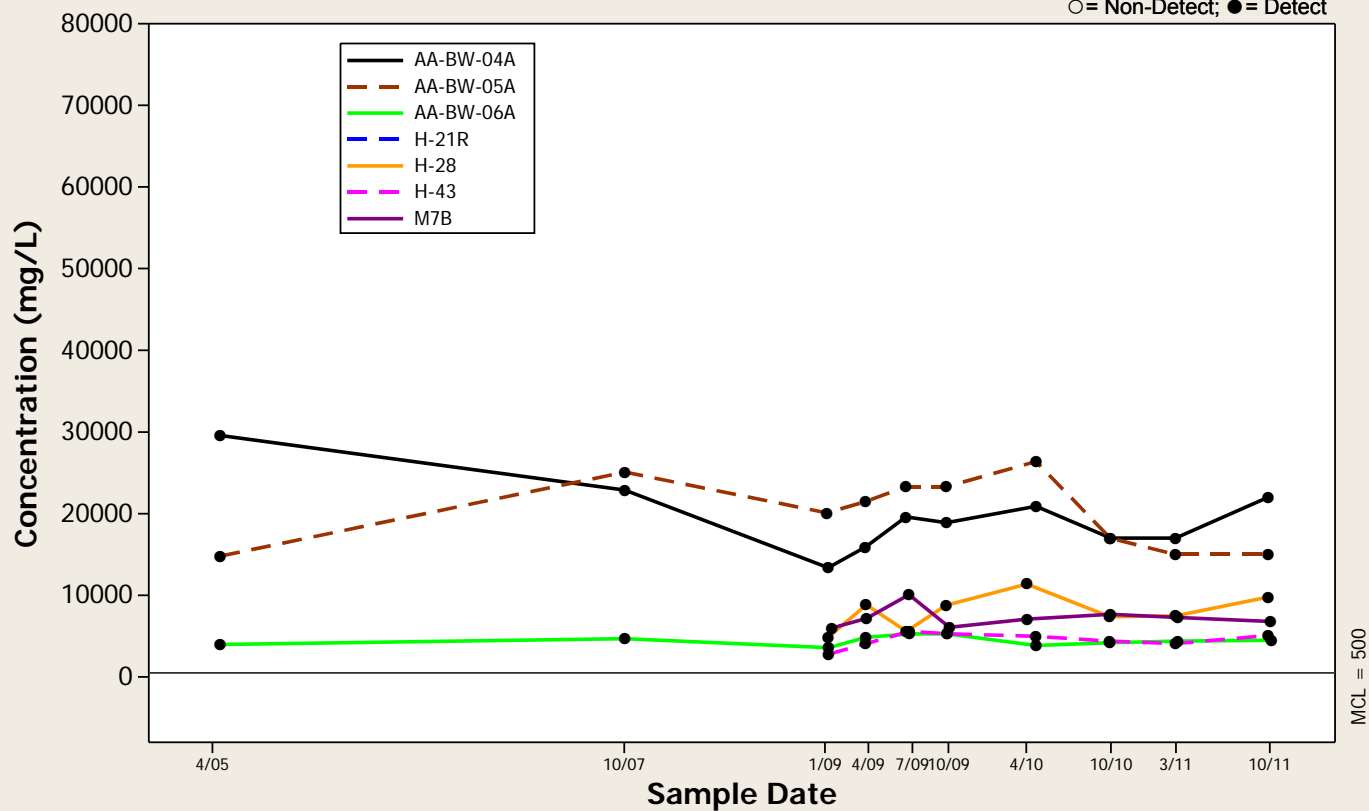
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Downgradient Shallow Zone Wells

Analyte = Total Dissolved Solids (TDS)

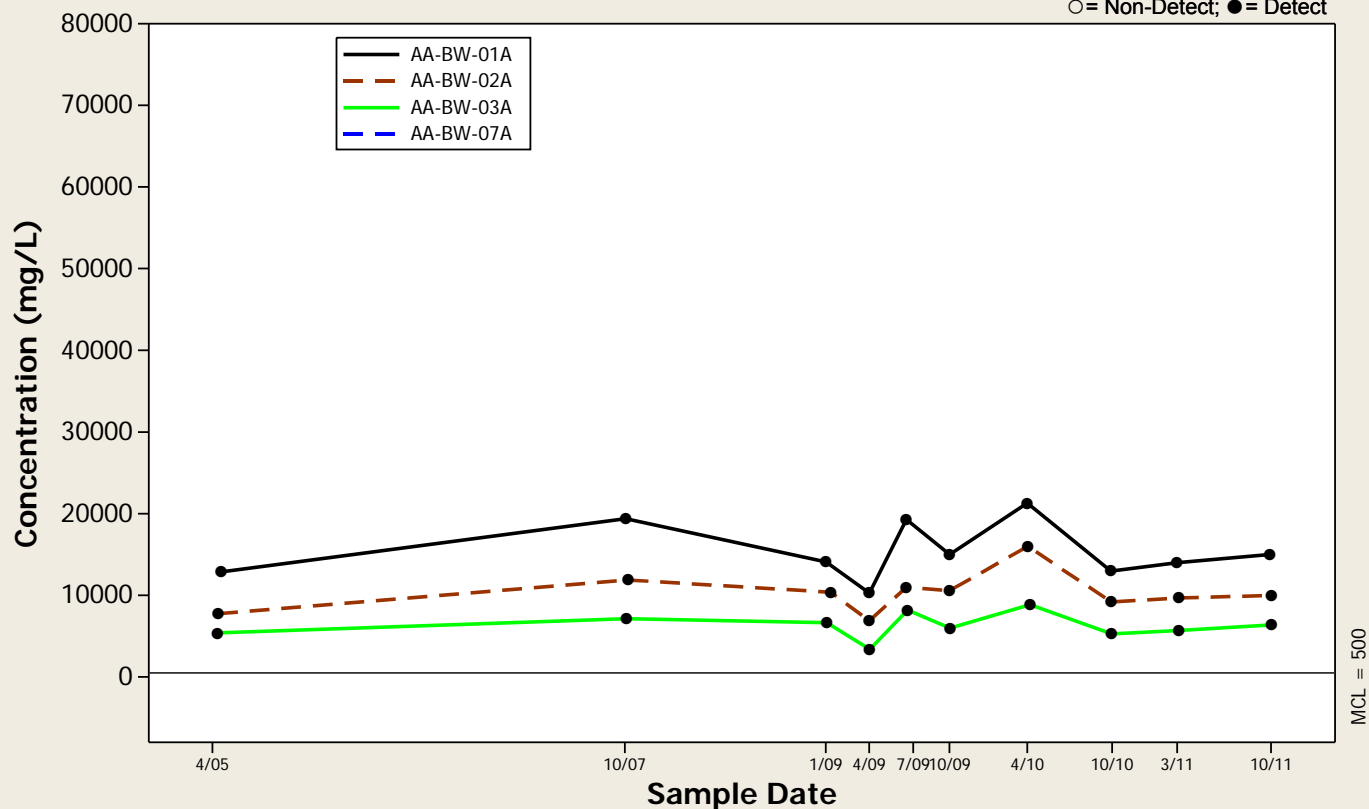
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Total Dissolved Solids (TDS)

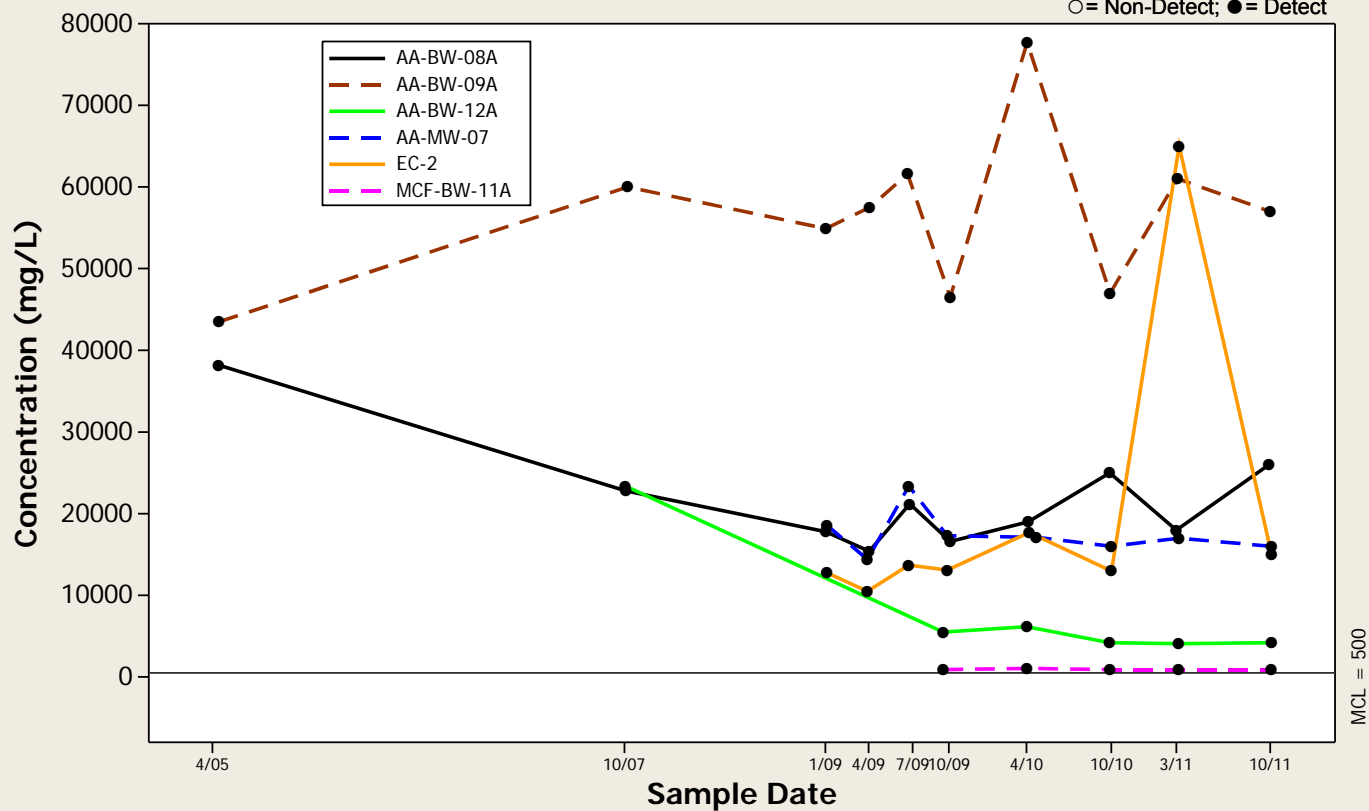
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Total Dissolved Solids (TDS)

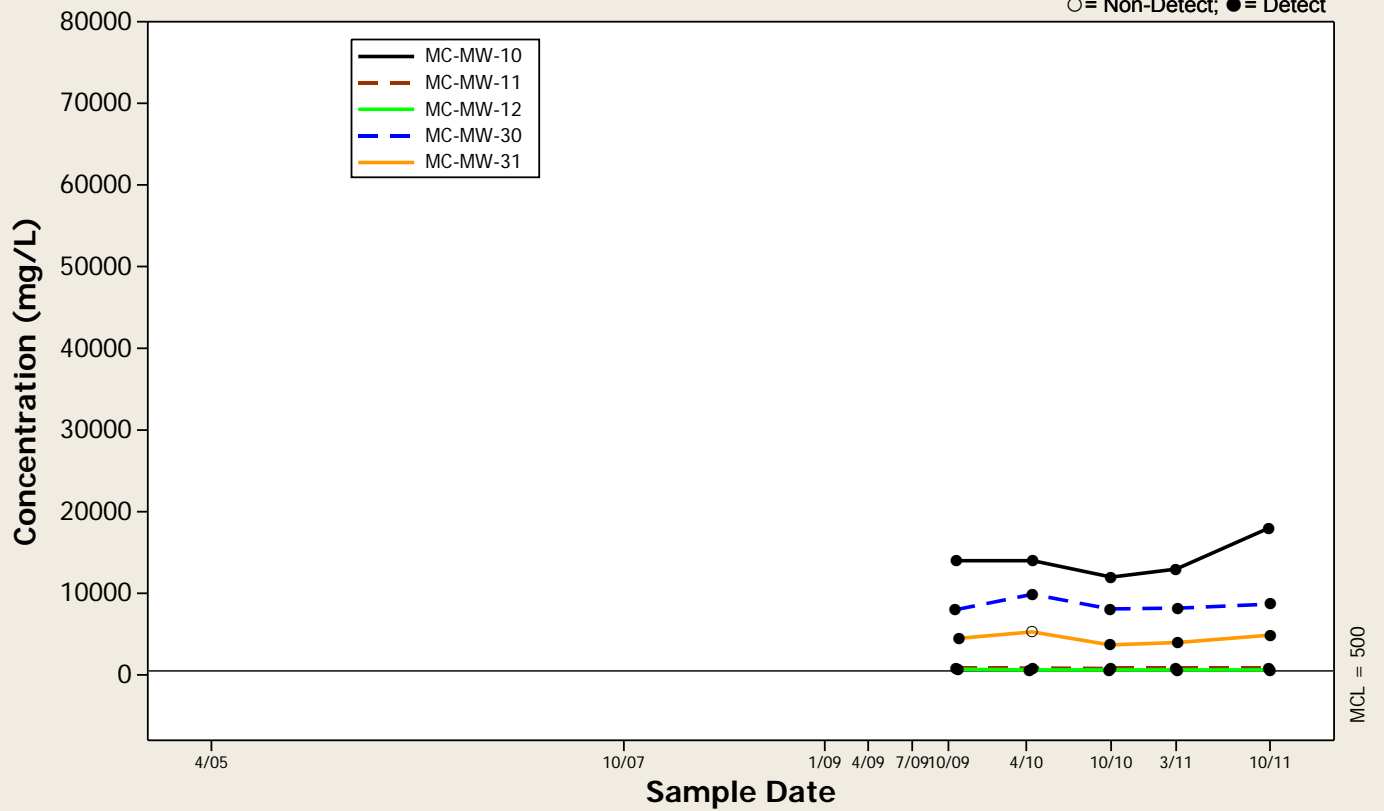
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Total Dissolved Solids (TDS)

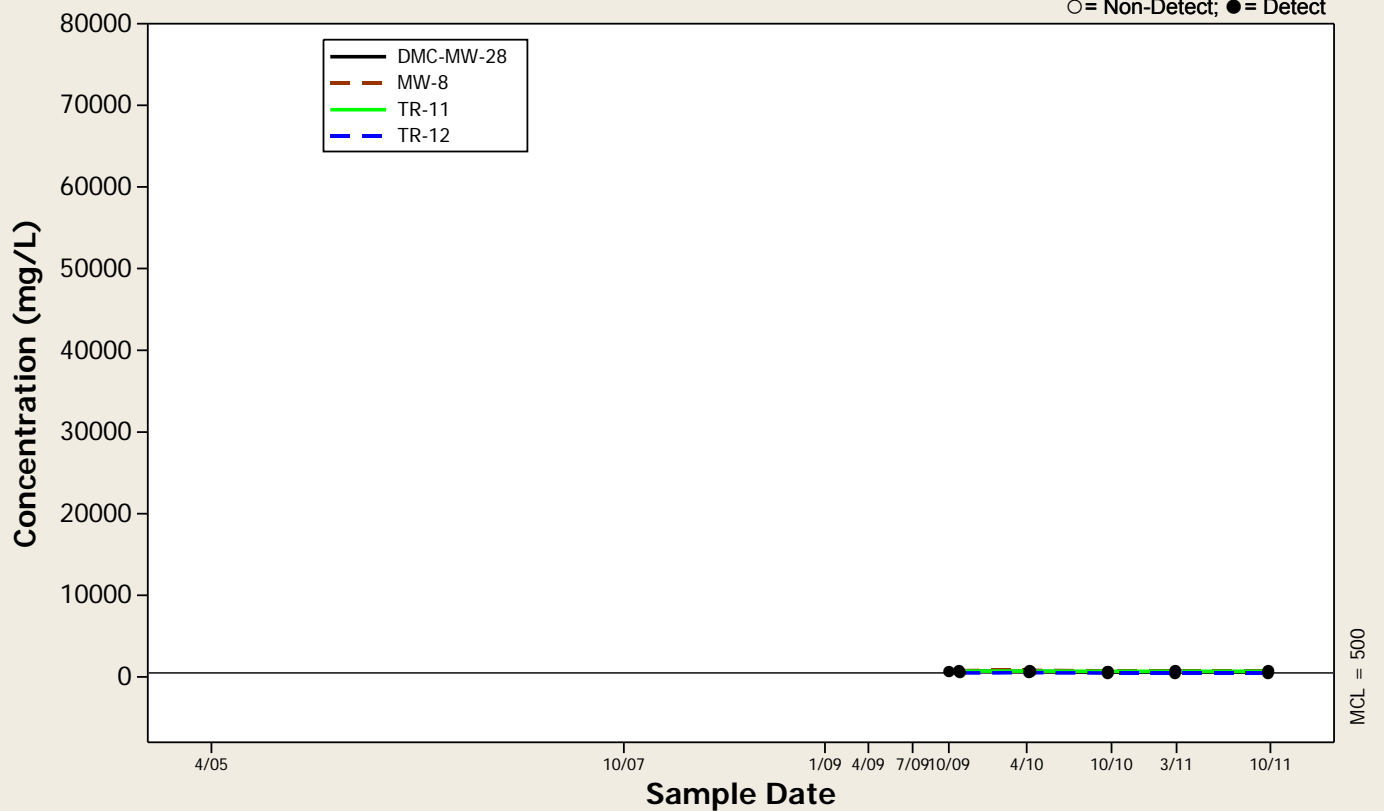
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Total Dissolved Solids (TDS)

○ = Non-Detect; ● = Detect



Analyte = Total Trihalomethanes

[illegible]

Analyte = Total Trihalomethanes

Concentration ($\mu\text{g/L}$)

Sample Date

MCL = 80

Legend:

- AA-BW-04A
- AA-BW-05A
- AA-BW-06A
- H-21R
- H-28
- H-43
- M7B

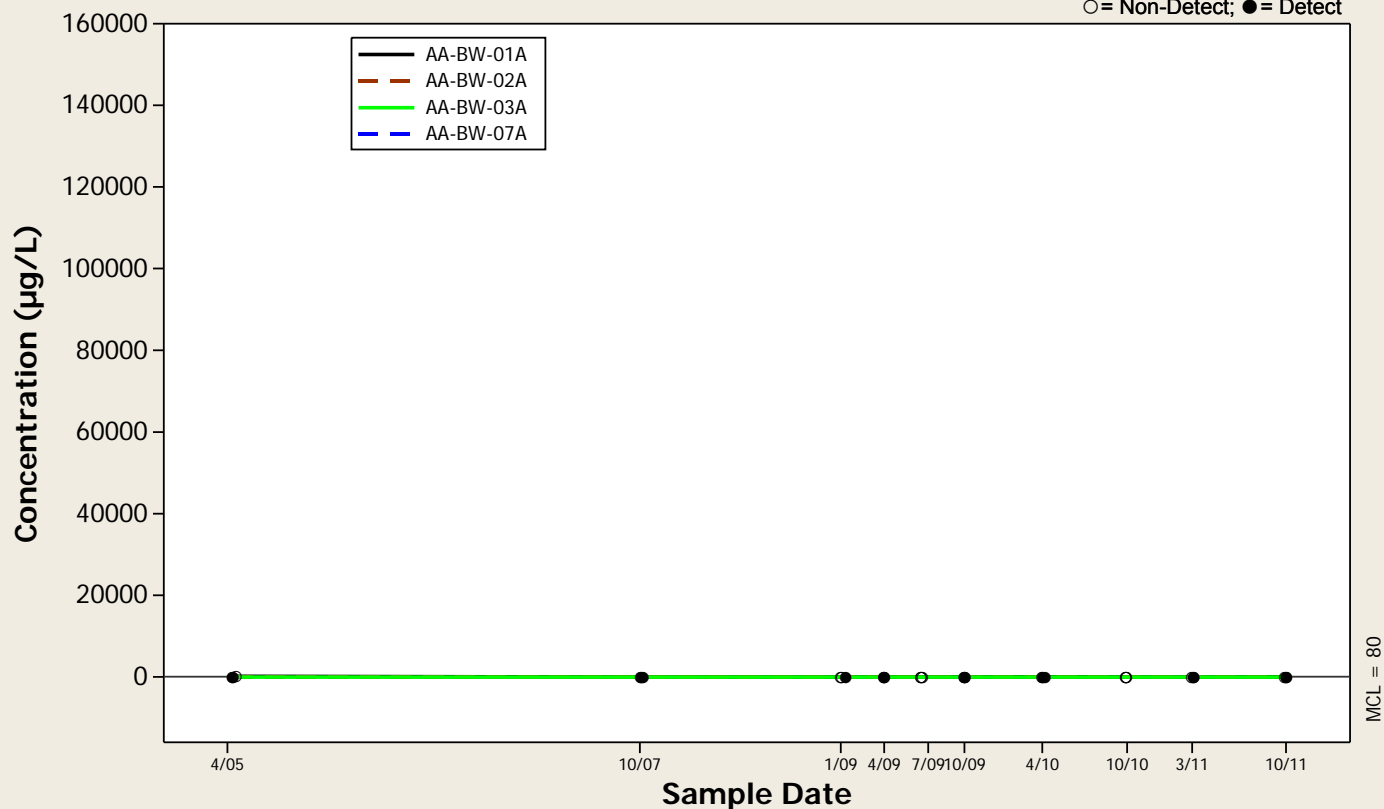
Legend:

- - Non-Detect
- - Detect

Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Total Trihalomethanes

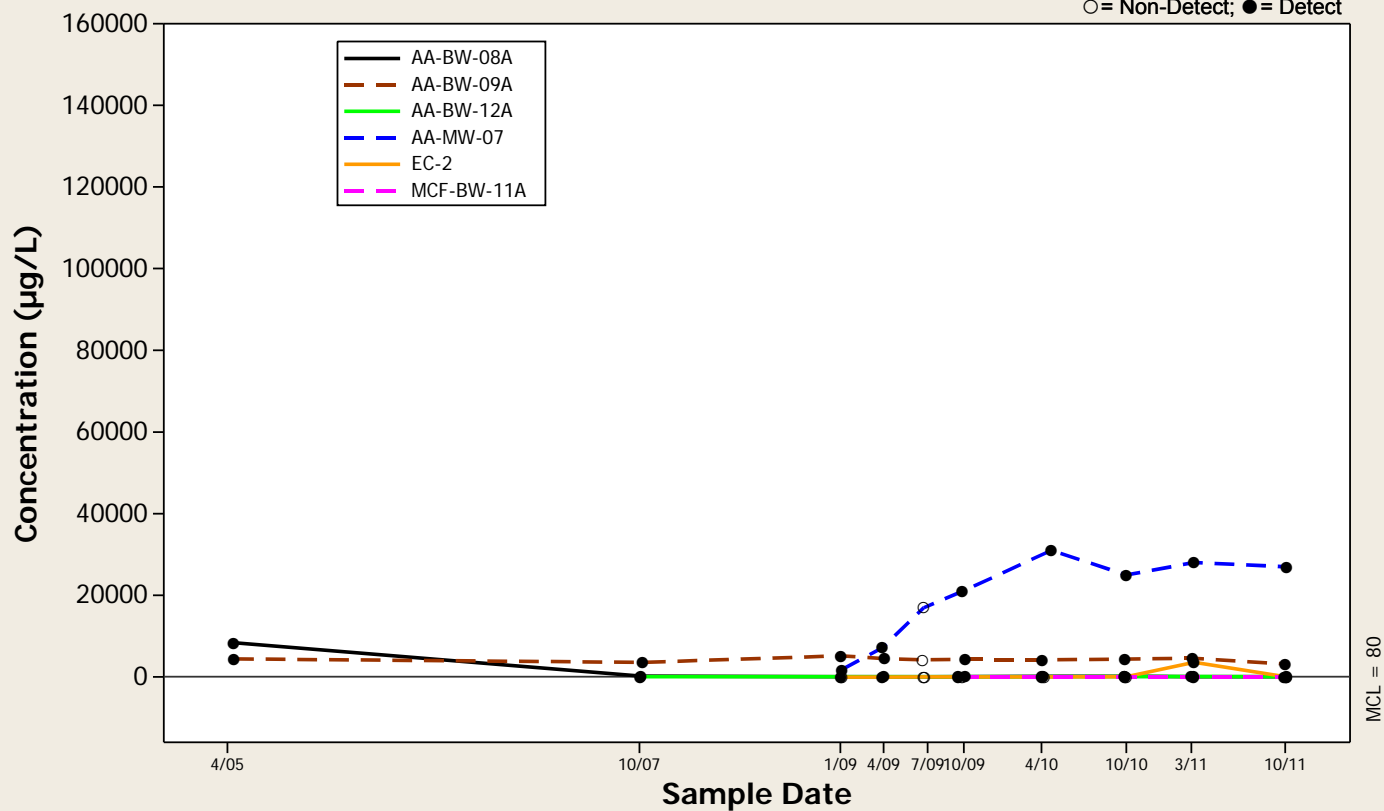
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Total Trihalomethanes

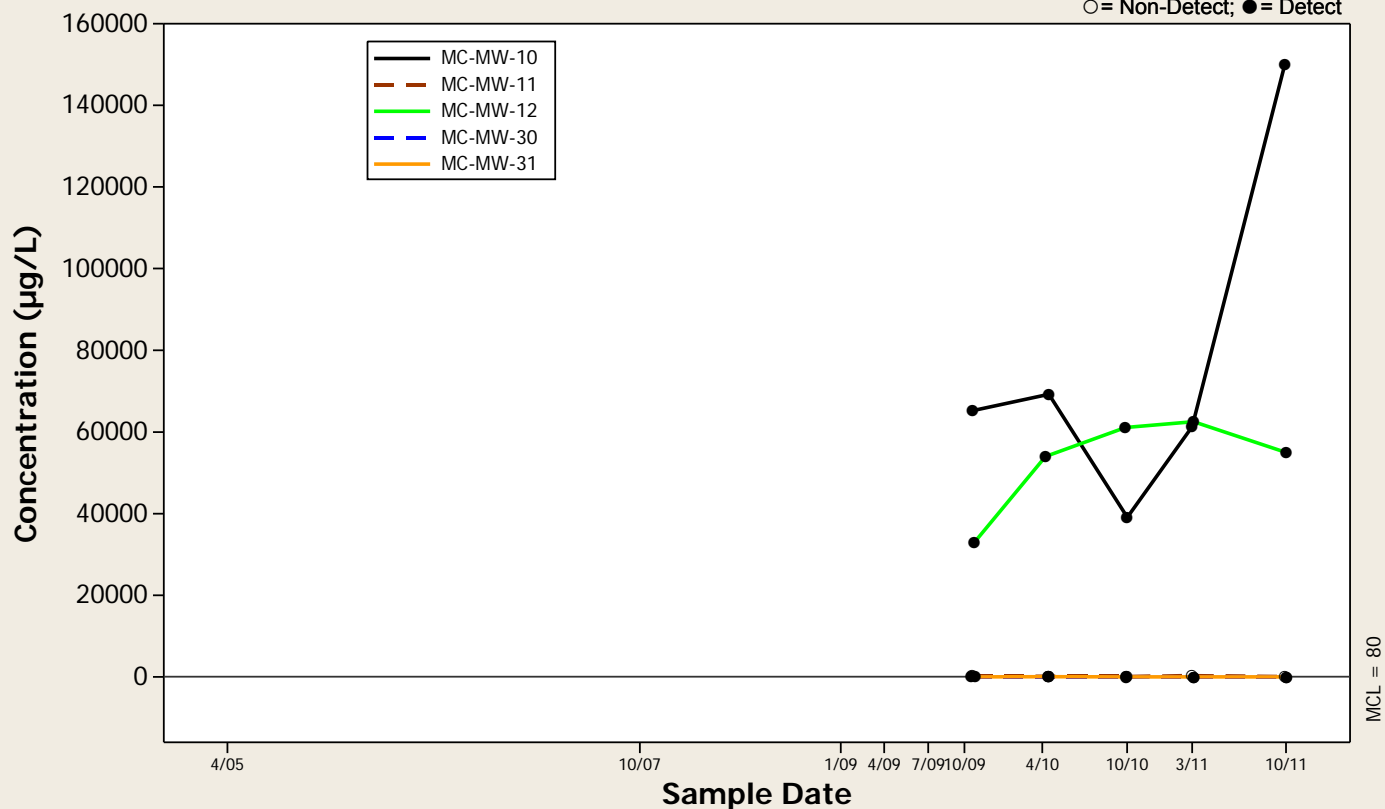
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Total Trihalomethanes

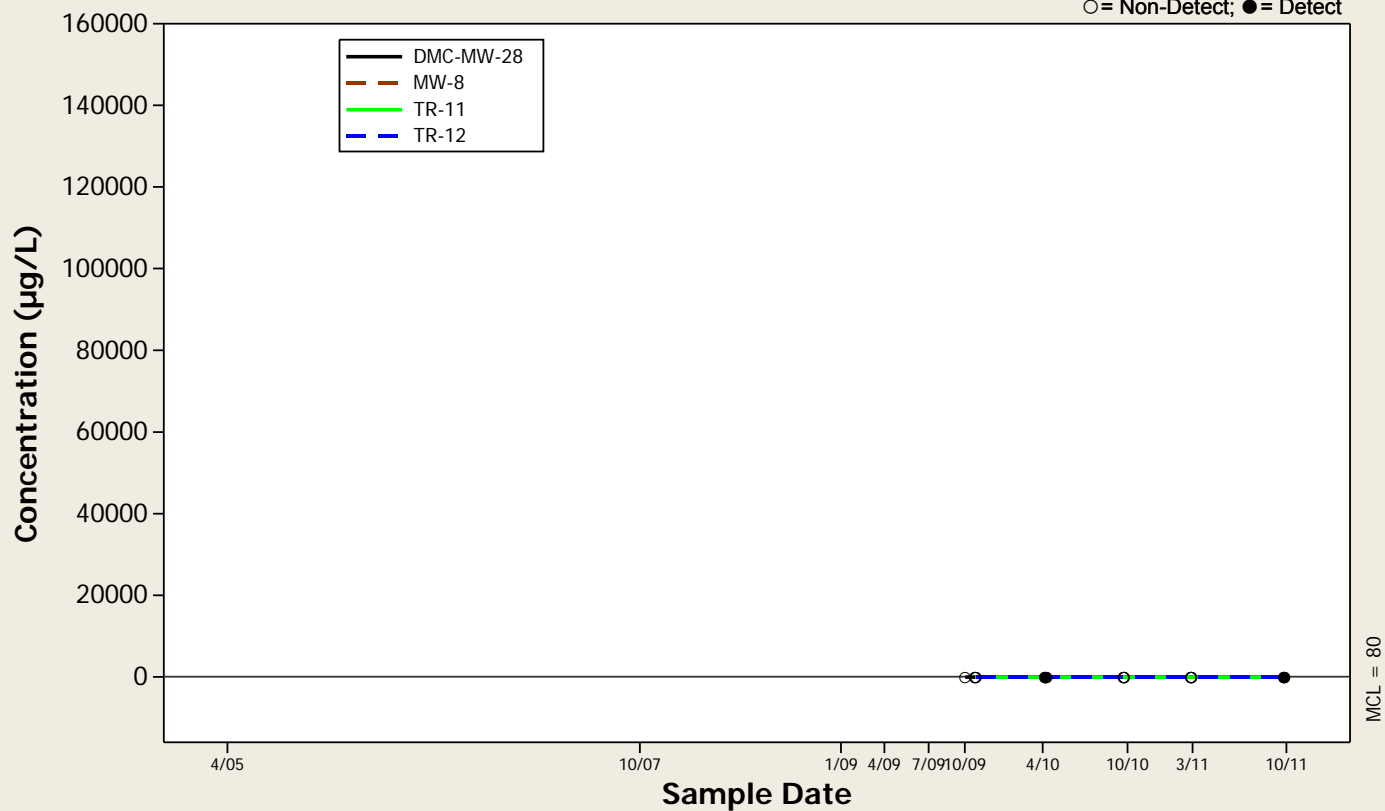
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

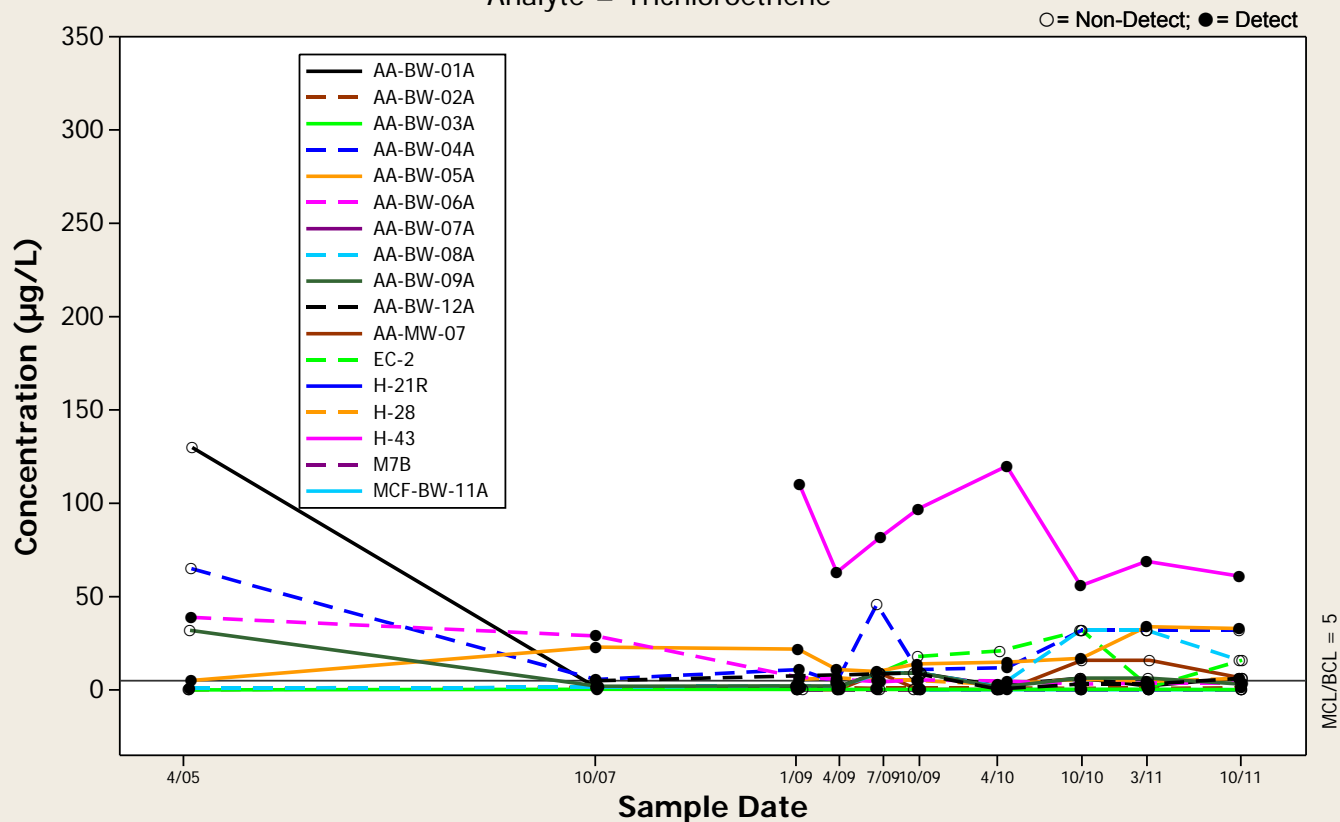
Analyte = Total Trihalomethanes

○ = Non-Detect; ● = Detect



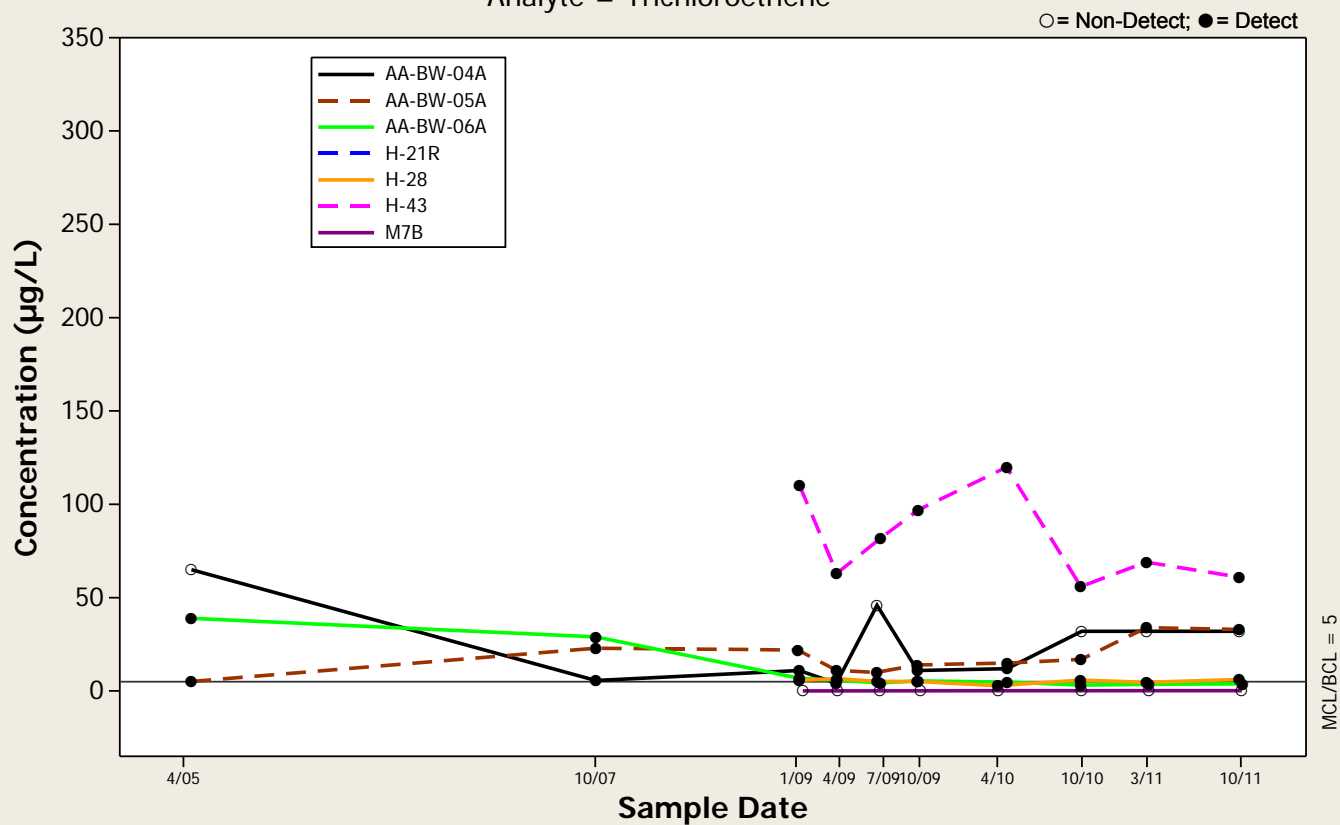
Concentration Trend Graph - All Shallow Zone Wells

Analyte = Trichloroethene



Concentration Trend Graph - Downgradient Shallow Zone Wells

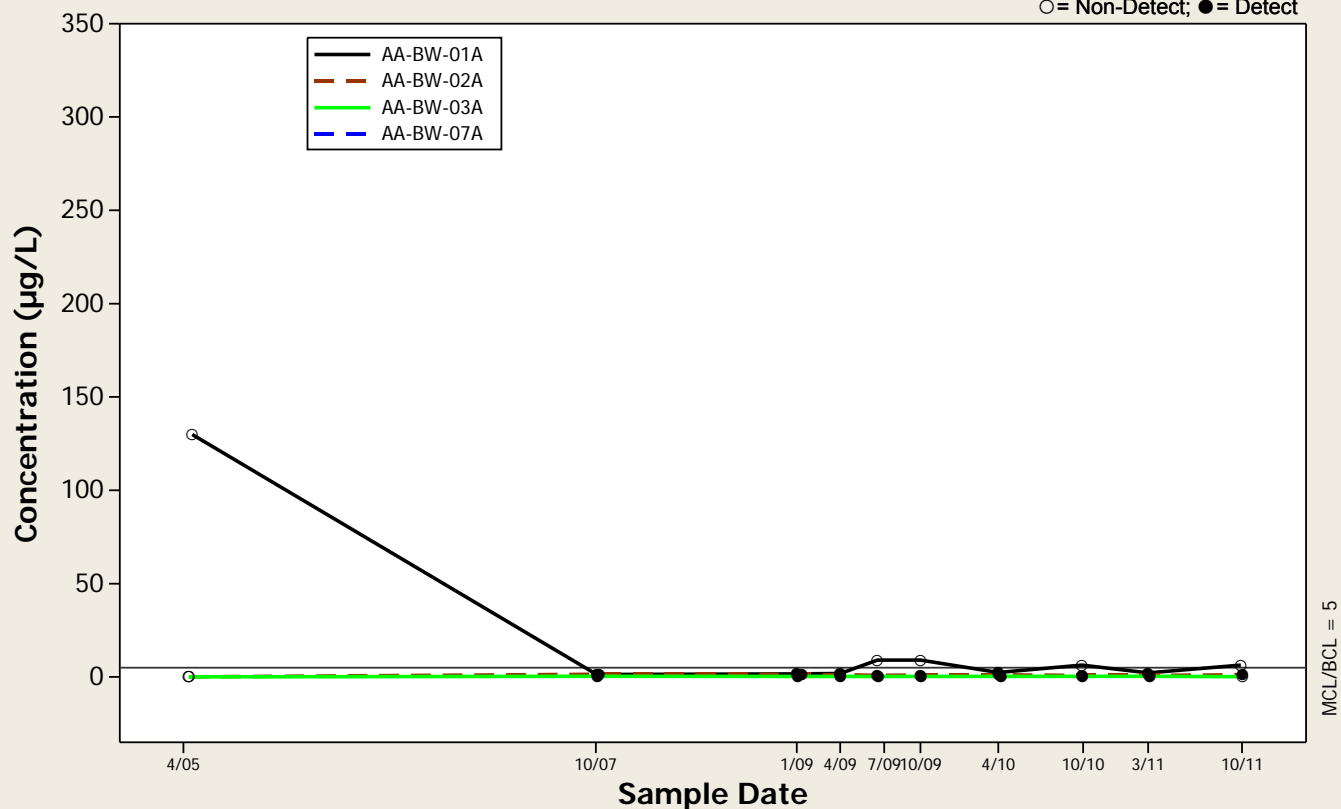
Analyte = Trichloroethene



Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Trichloroethene

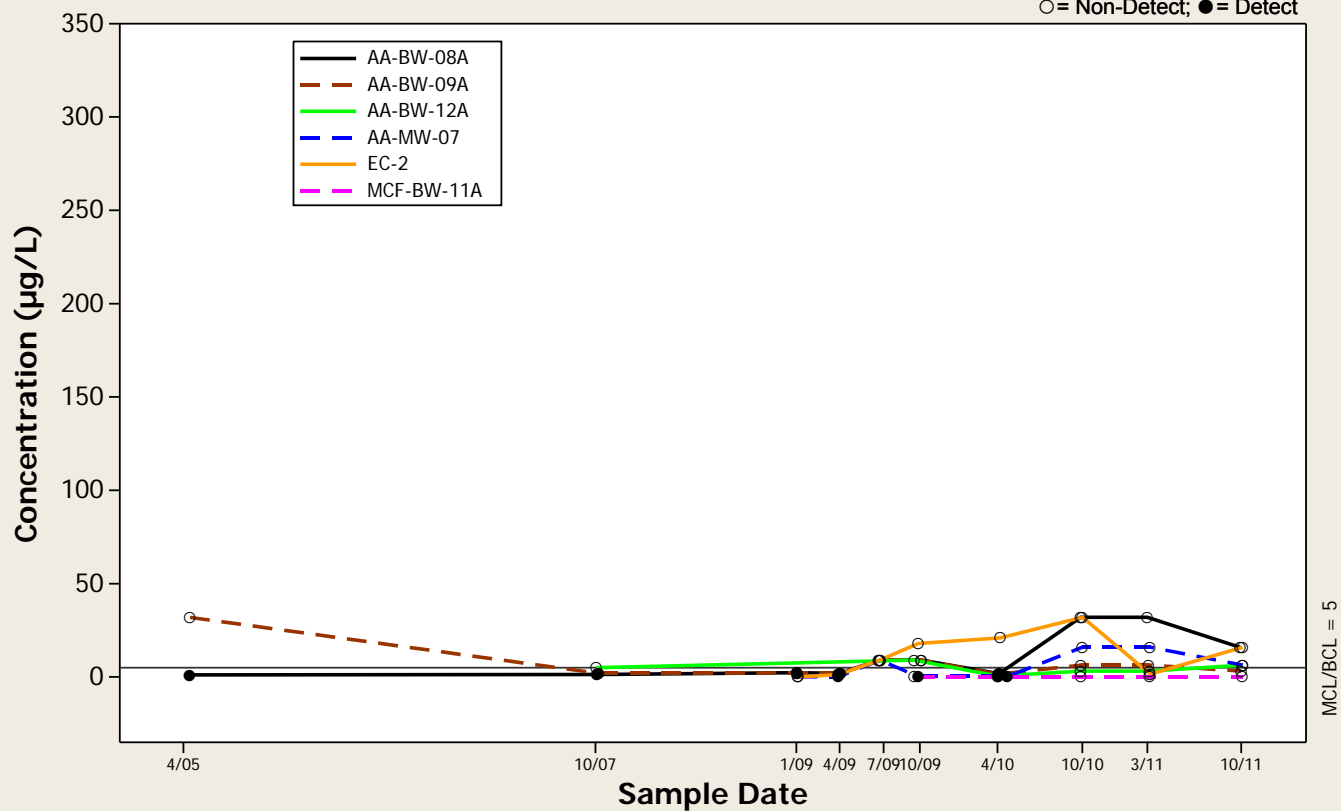
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

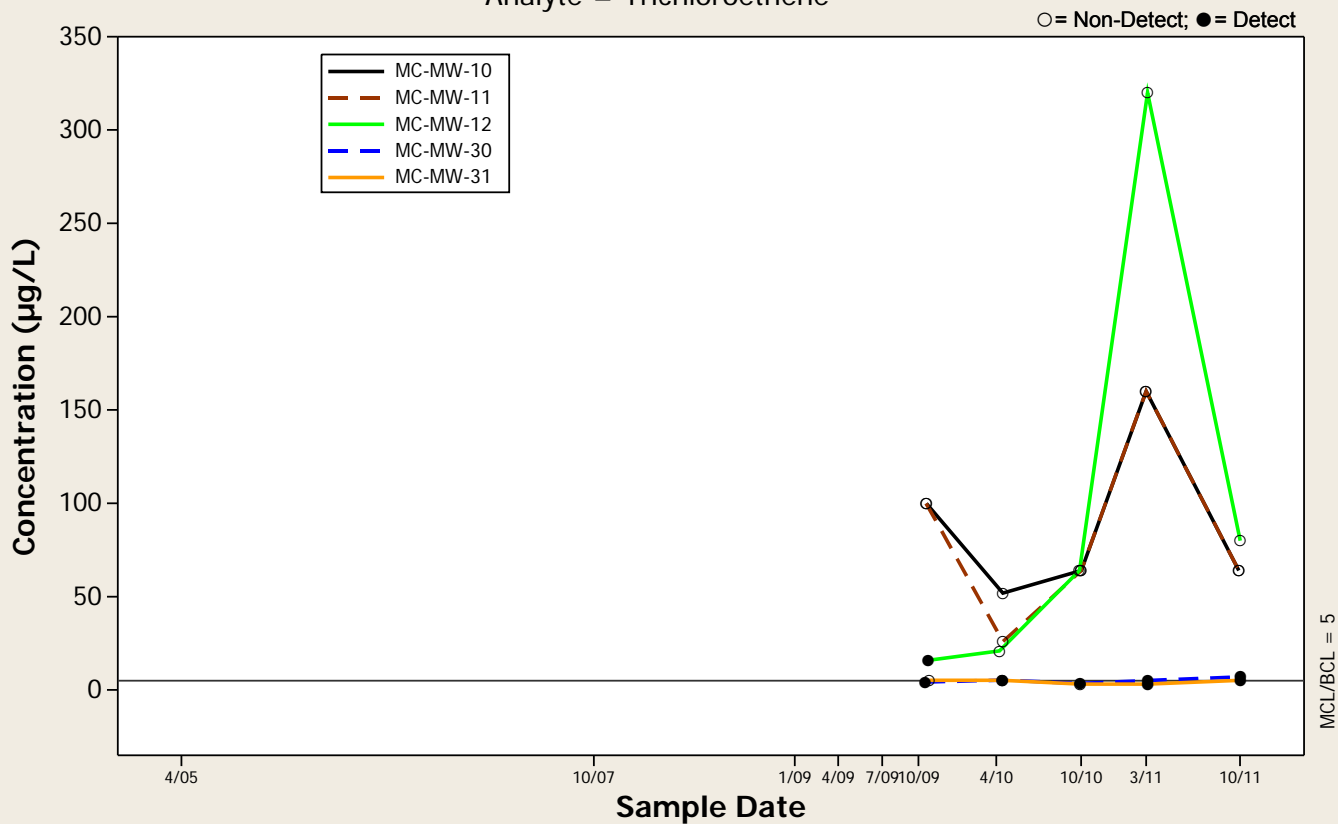
Analyte = Trichloroethene

○ = Non-Detect; ● = Detect



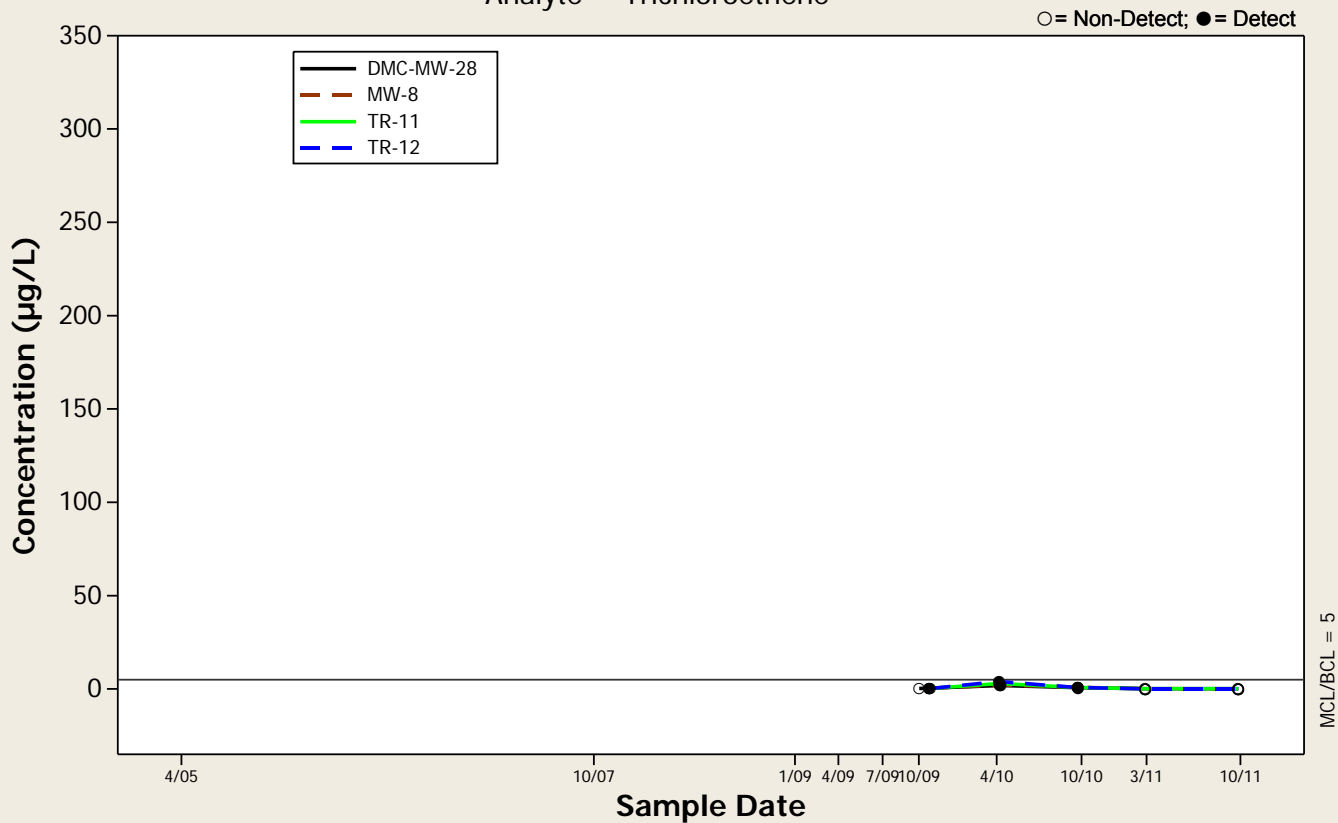
Concentration Trend Graph - Middle Zone Wells

Analyte = Trichloroethene



Concentration Trend Graph - Deep Zone Wells

Analyte = Trichloroethene



Analyte = Uranium

Concentration ($\mu\text{g/L}$)

Sample Date

Legend: ○ = Non-Detect; ● = Detect

Monitoring Wells:

- AA-BW-01A
- AA-BW-02A
- AA-BW-03A
- AA-BW-04A
- AA-BW-05A
- AA-BW-06A
- AA-BW-07A
- AA-BW-08A
- AA-BW-09A
- AA-BW-12A
- AA-MW-07
- EC-2
- H-21R
- H-28
- H-43
- M7B
- MCF-BW-11A

Analyte = Uranium

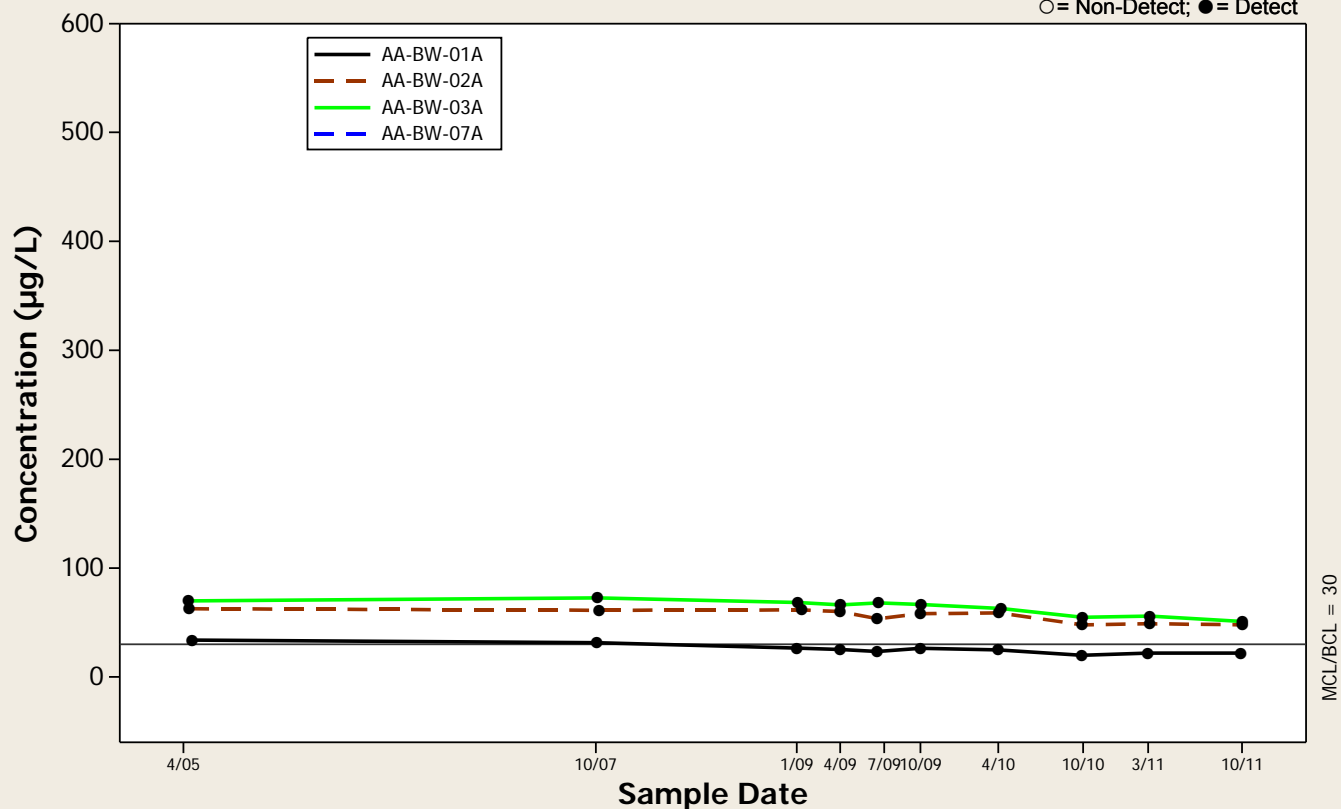
The graph displays the concentration of a substance (in $\mu\text{g/L}$) over time (Sample Date) for seven different locations. The y-axis ranges from 0 to 600 $\mu\text{g/L}$, and the x-axis shows dates from 4/05 to 10/11. A horizontal line at 25 $\mu\text{g/L}$ indicates the detection limit. Data points are marked as 'Non-Detected' (open circles) or 'Detected' (filled circles). Most locations show concentrations near zero throughout the period, with some detected values appearing between late 2009 and early 2010, peaking around 70-80 $\mu\text{g/L}$ for H-28 and AA-BW-04A.

Sample Date	AA-BW-04A	AA-BW-05A	AA-BW-06A	H-21R	H-28	H-43	M7B
4/05	55 (Detected)	10 (Detected)	10 (Detected)	-	-	-	-
10/07	30 (Detected)	10 (Detected)	10 (Detected)	-	-	-	-
1/09	70 (Detected)	15 (Detected)	10 (Detected)	20 (Detected)	70 (Detected)	0 (Non-Detected)	45 (Detected)
4/09	70 (Detected)	25 (Detected)	10 (Detected)	25 (Detected)	70 (Detected)	0 (Non-Detected)	50 (Detected)
7/09	70 (Detected)	20 (Detected)	10 (Detected)	25 (Detected)	70 (Detected)	0 (Non-Detected)	45 (Detected)
10/09	70 (Detected)	15 (Detected)	10 (Detected)	25 (Detected)	70 (Detected)	0 (Non-Detected)	45 (Detected)
4/10	70 (Detected)	20 (Detected)	10 (Detected)	20 (Detected)	65 (Detected)	0 (Non-Detected)	40 (Detected)
10/10	55 (Detected)	15 (Detected)	10 (Detected)	20 (Detected)	55 (Detected)	0 (Non-Detected)	40 (Detected)
3/11	55 (Detected)	15 (Detected)	10 (Detected)	20 (Detected)	60 (Detected)	0 (Non-Detected)	45 (Detected)
10/11	55 (Detected)	15 (Detected)	10 (Detected)	20 (Detected)	60 (Detected)	0 (Non-Detected)	40 (Detected)

Concentration Trend Graph - Crossgradient Shallow Zone Wells

Analyte = Uranium

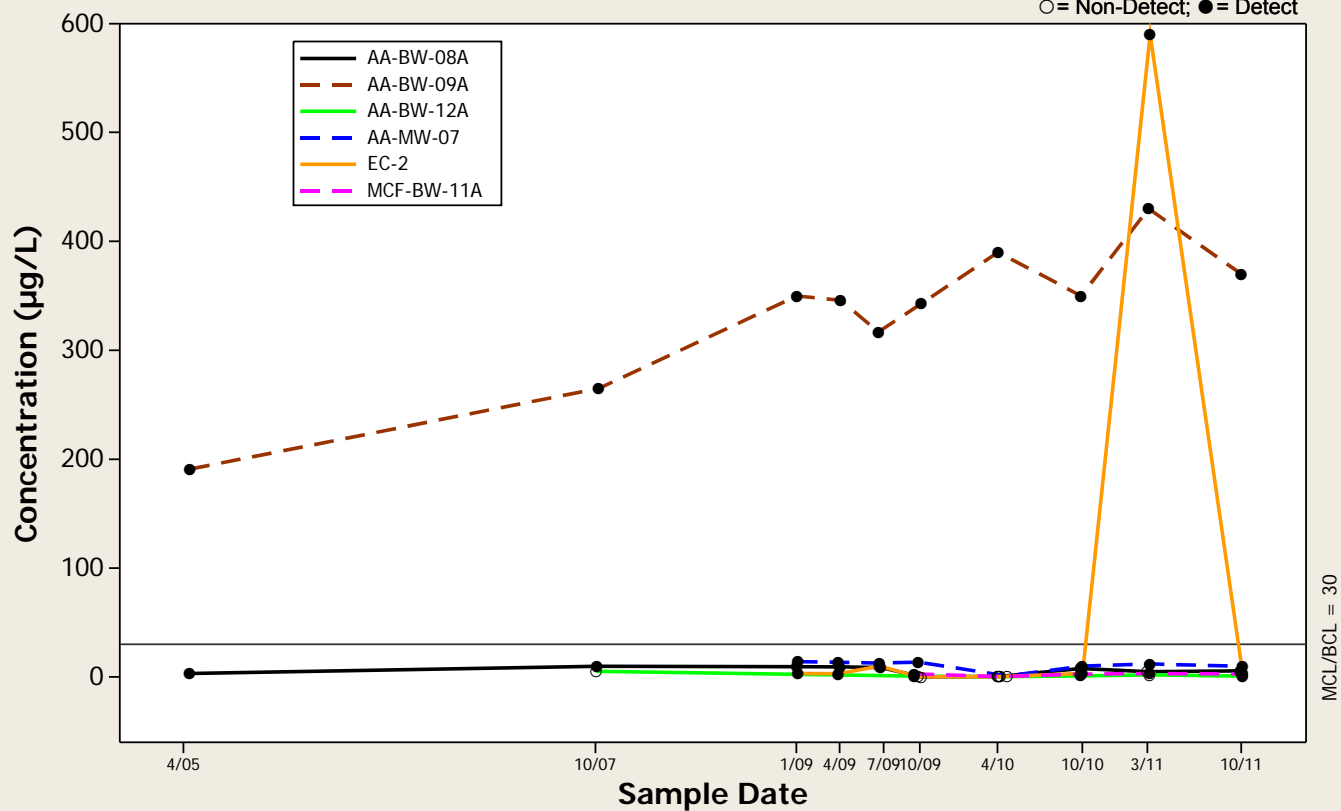
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Upgradient Shallow Zone Wells

Analyte = Uranium

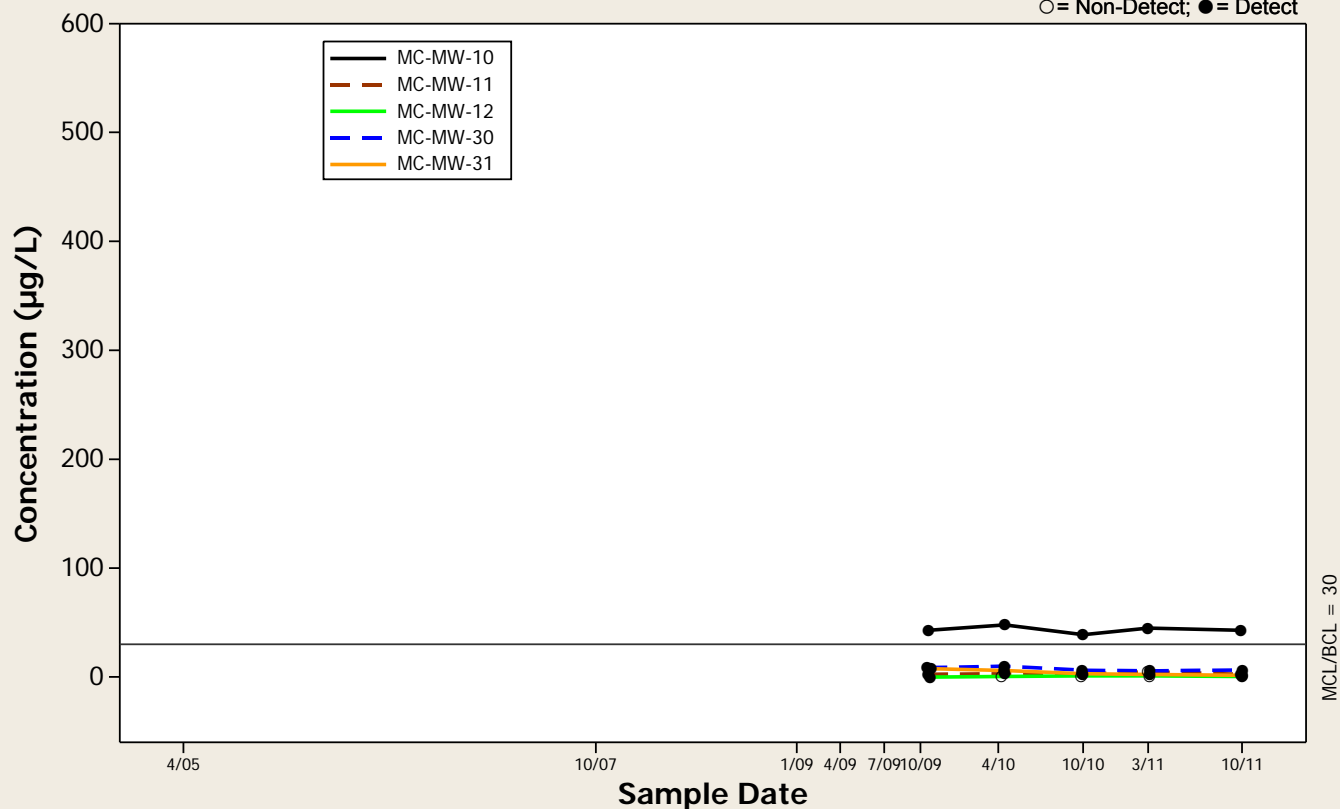
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Middle Zone Wells

Analyte = Uranium

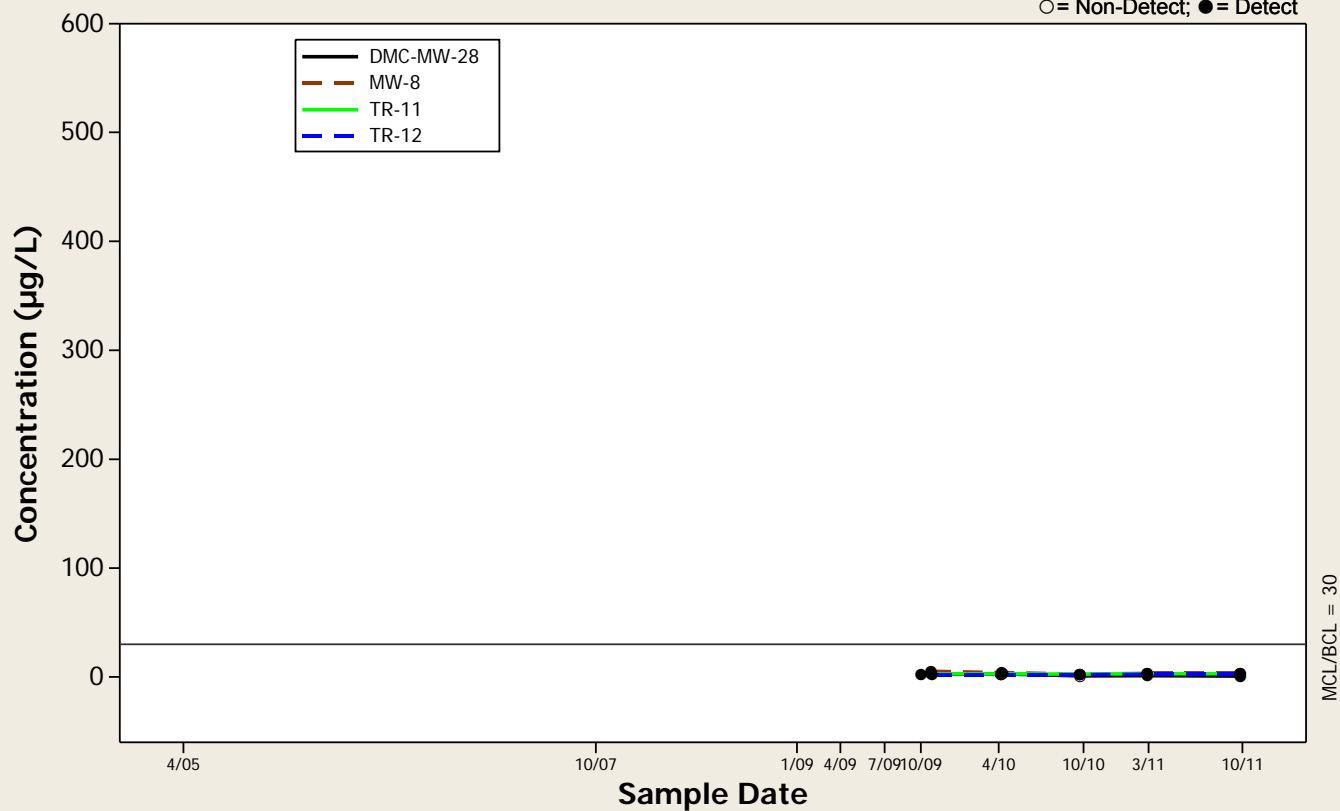
○ = Non-Detect; ● = Detect



Concentration Trend Graph - Deep Zone Wells

Analyte = Uranium

○ = Non-Detect; ● = Detect



APPENDIX E

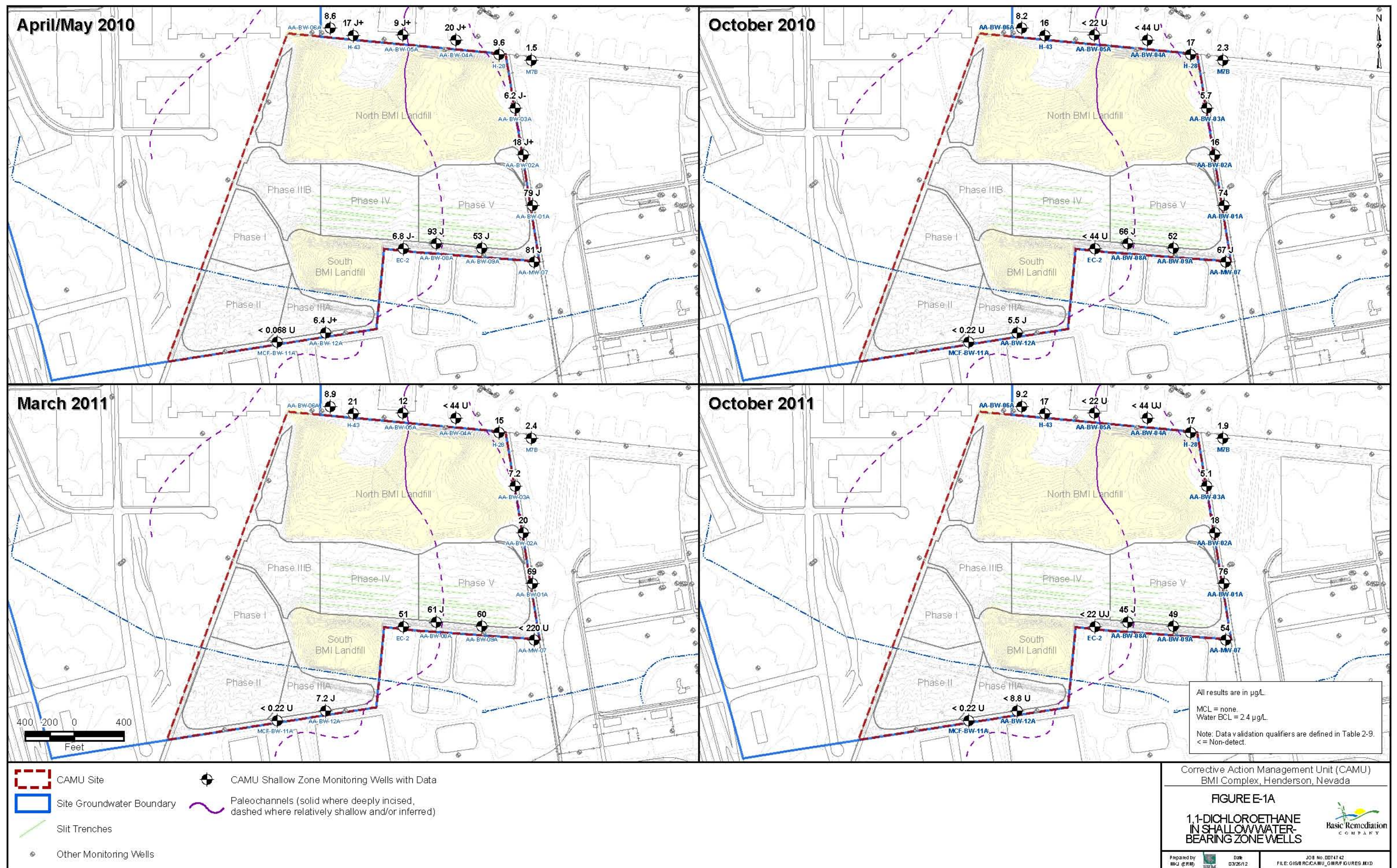
CHEMICAL OCCURRENCE MAPS – SHALLOW, MIDDLE, AND DEEP WATER-BEARING ZONES (2009, 2010, AND 2011 EVENTS)

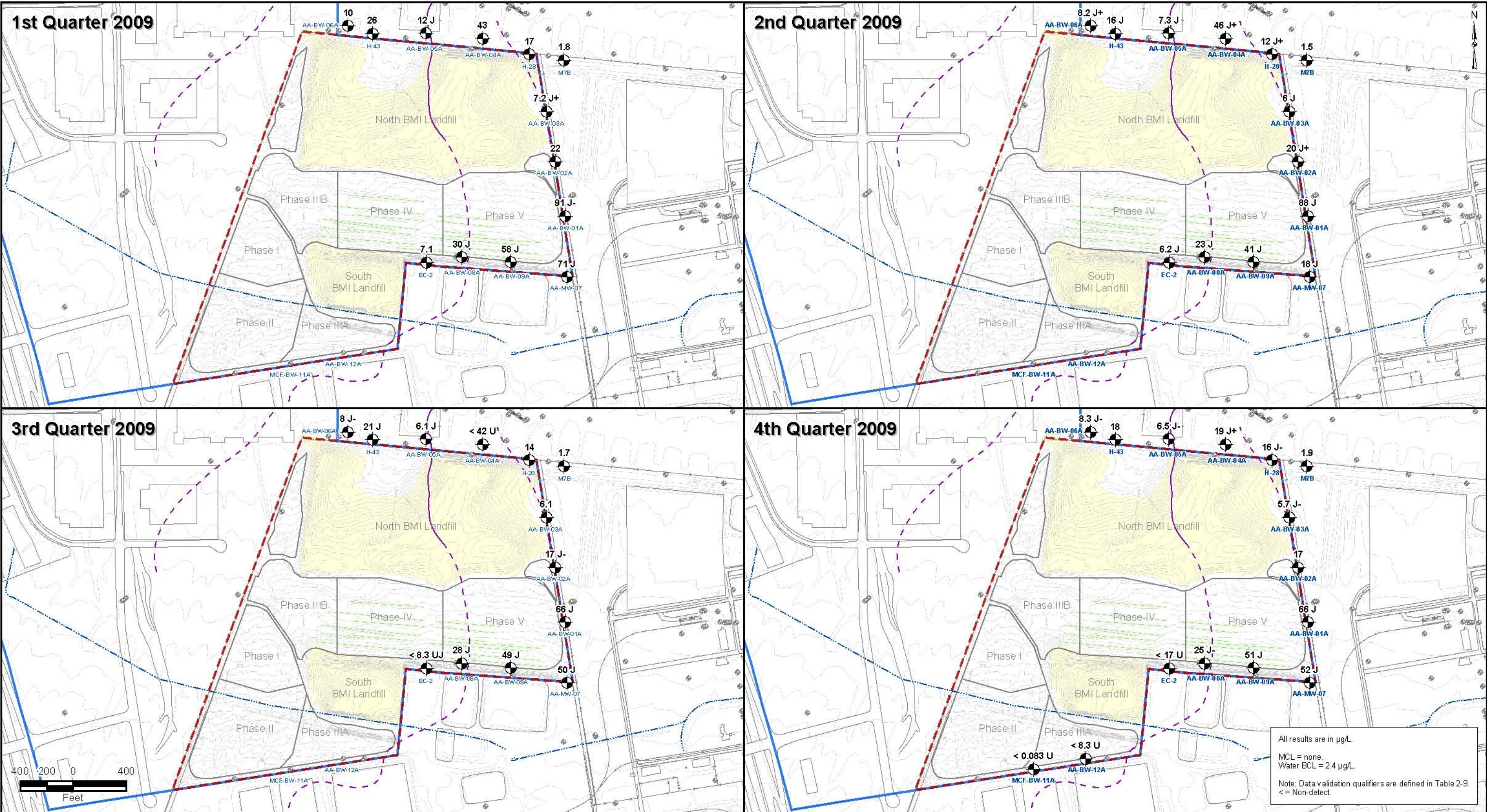
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Figure E-32B	Uranium in Shallow Water-Bearing Zone Wells - 2009
Figure E-32C	Uranium in Middle and Deep Water-Bearing Zone Wells



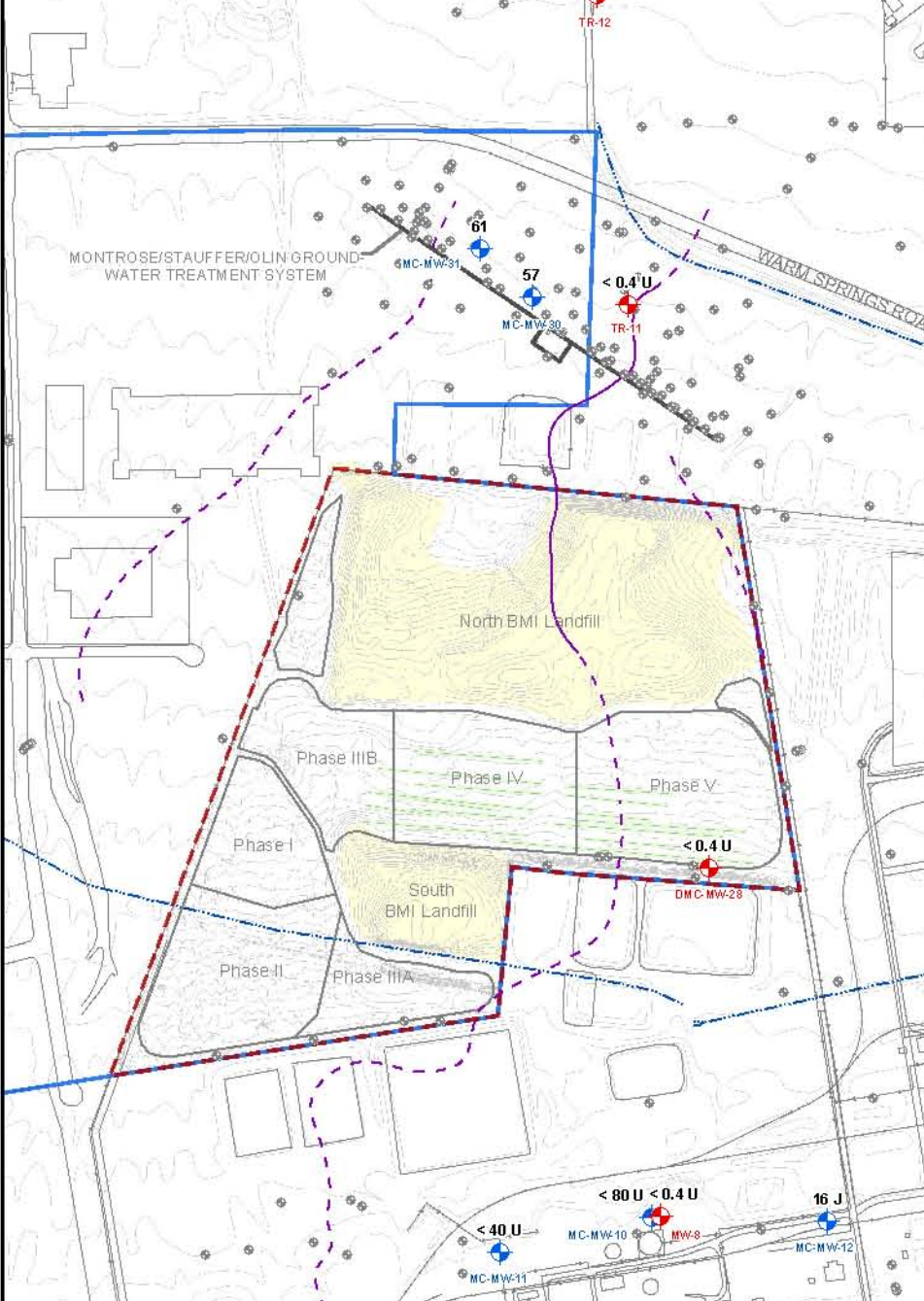


Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

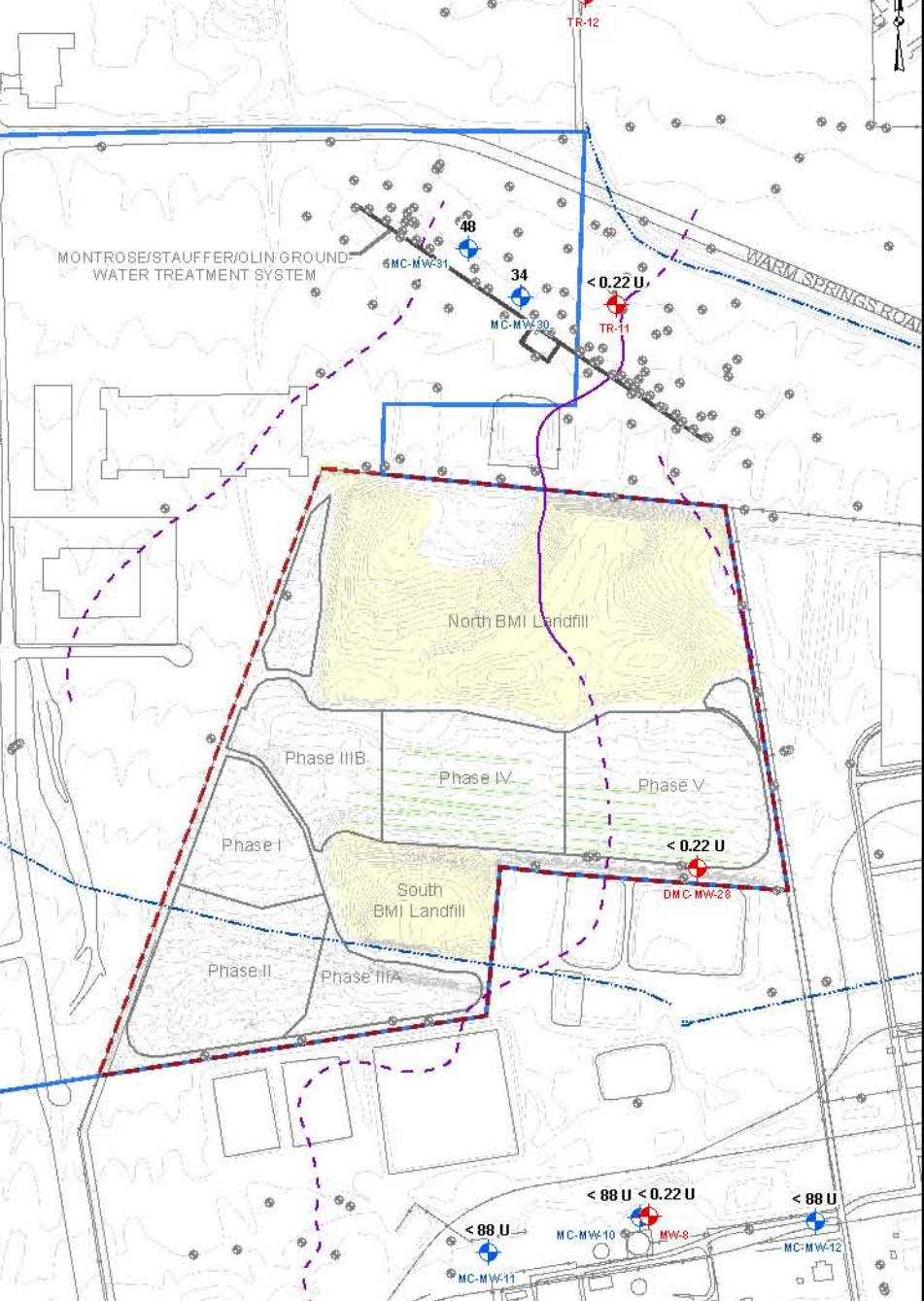
FIGURE E-1B
1,1-DICHLOROETHANE
IN SHALLOW WATER-BEARING ZONE WELLS



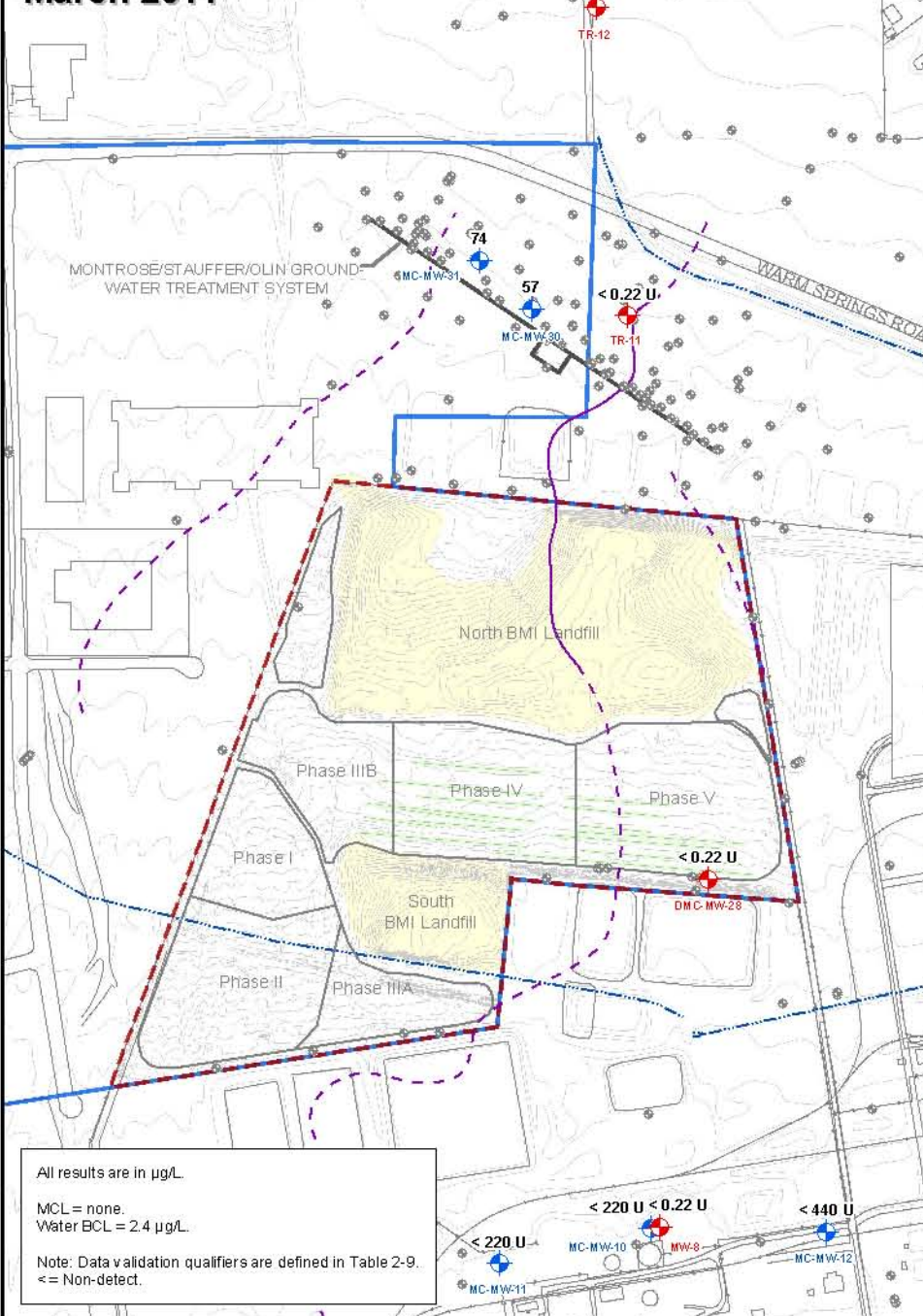
April/May 2010



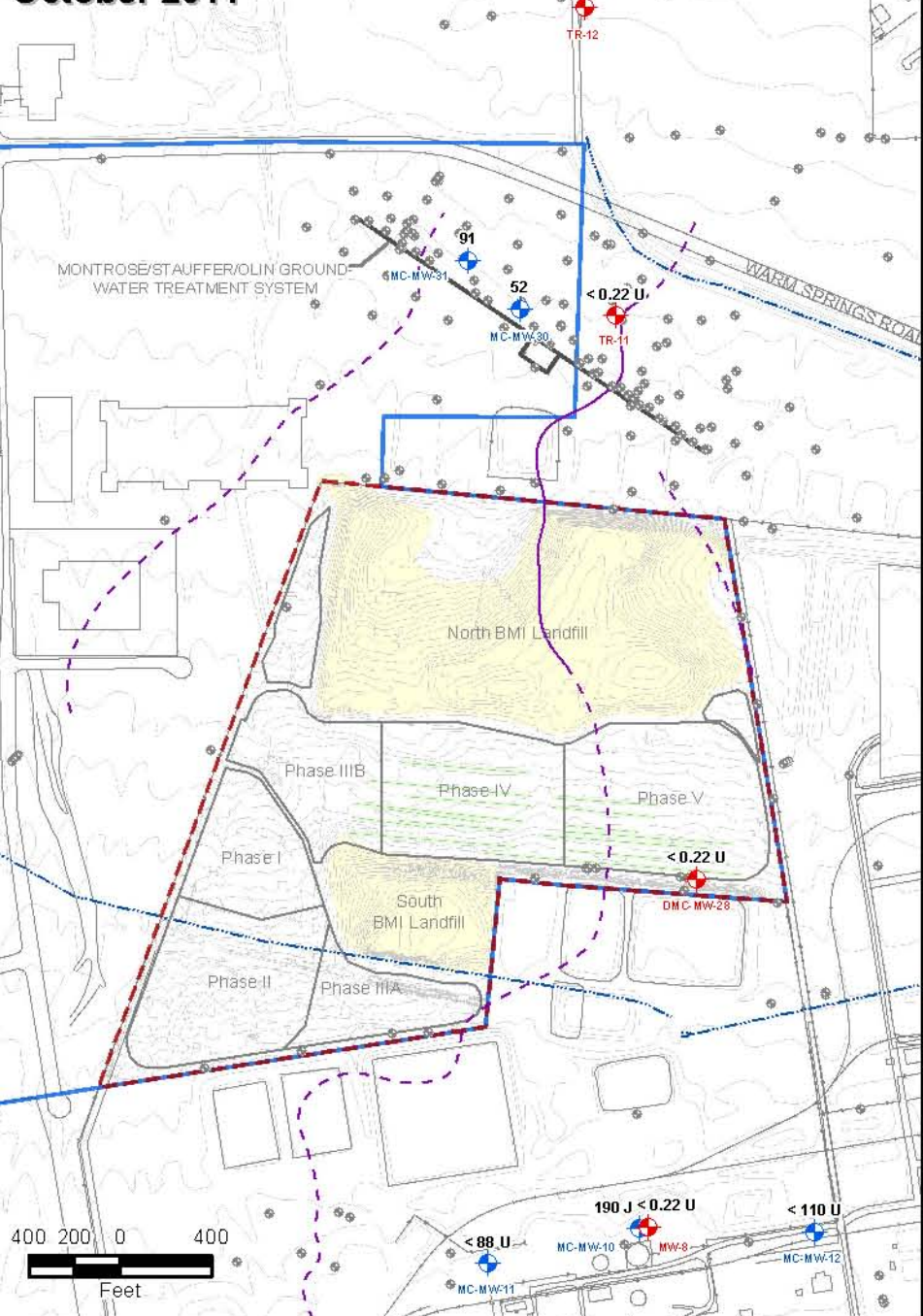
October 2010



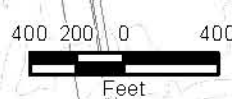
March 2011



October 2011



All results are in µg/L.
MCL = none.
Water BCL = 2.4 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
< = Non-detect.



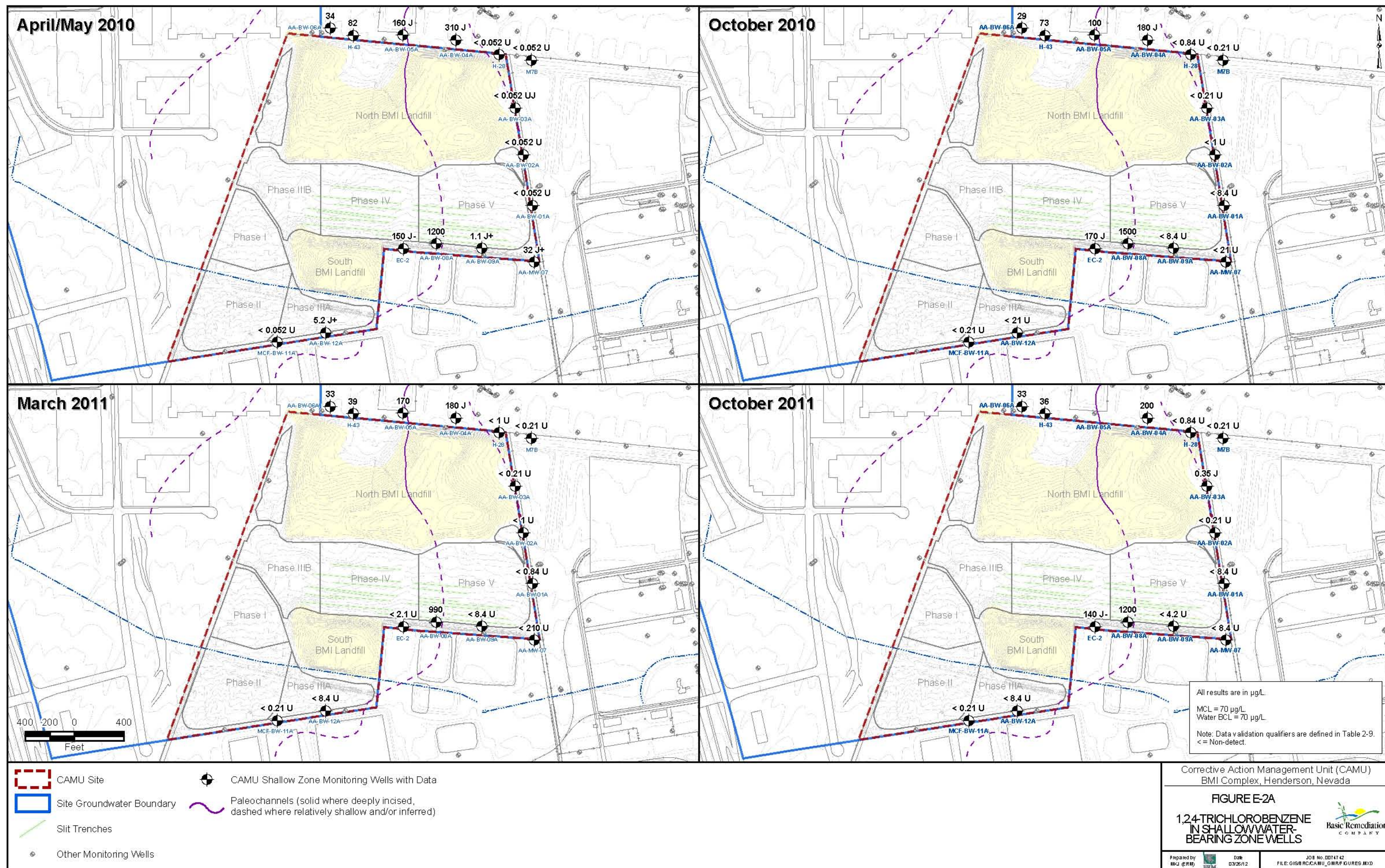
CAMU Site	CAMU Deep Zone Monitoring Wells with Data
Site Groundwater Boundary	CAMU Middle Zone Monitoring Wells with Data
Slit Trenches	Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)
Other Monitoring Wells	

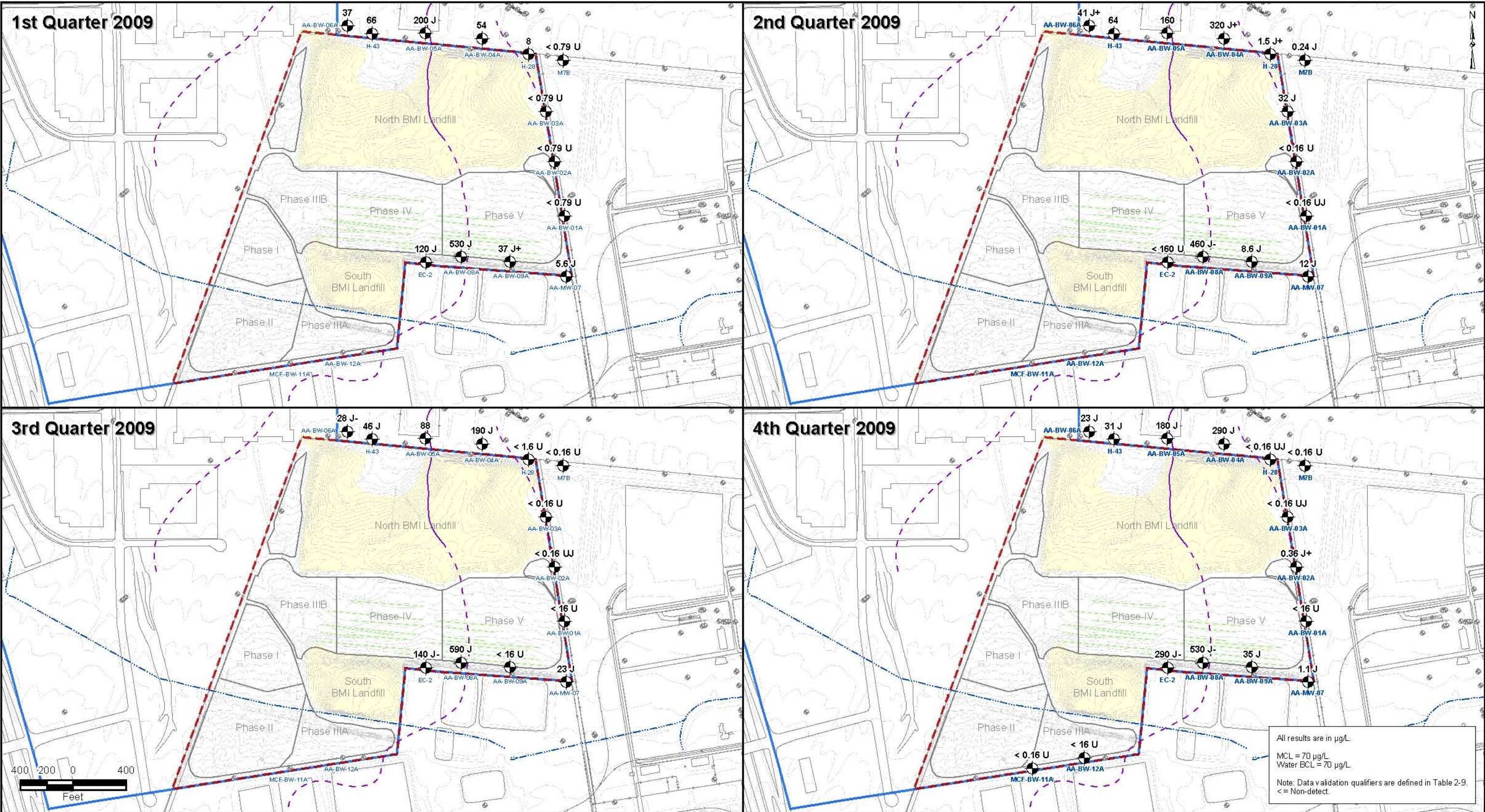
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-1C

**1,1-DICHLOROETHANE
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS**

Prepared by: MKJ (ERM) Date: 03/26/12 JOB No. 0074742 FILE: GIS/RC/CAMU_GMR/FIGURES.MXD

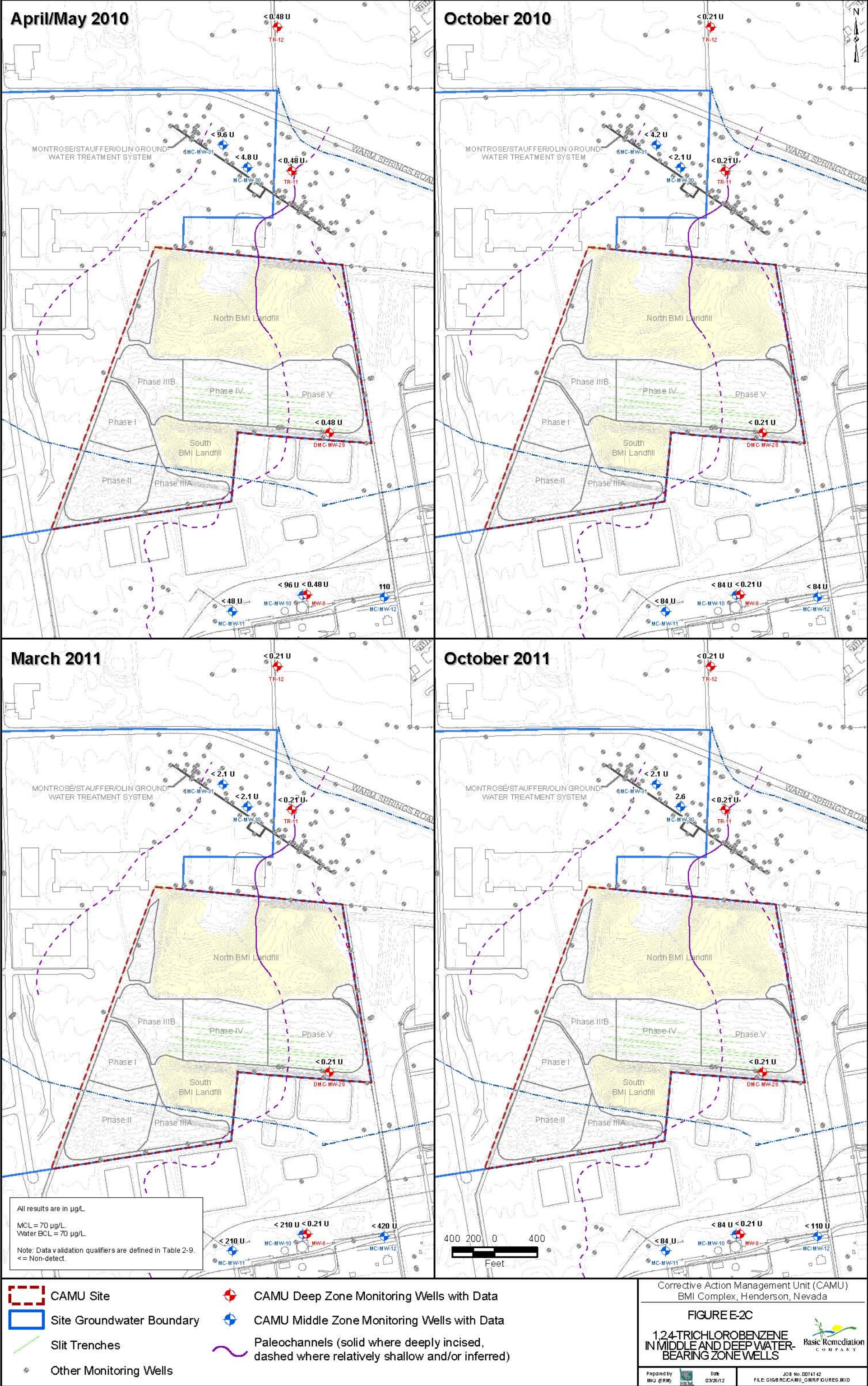


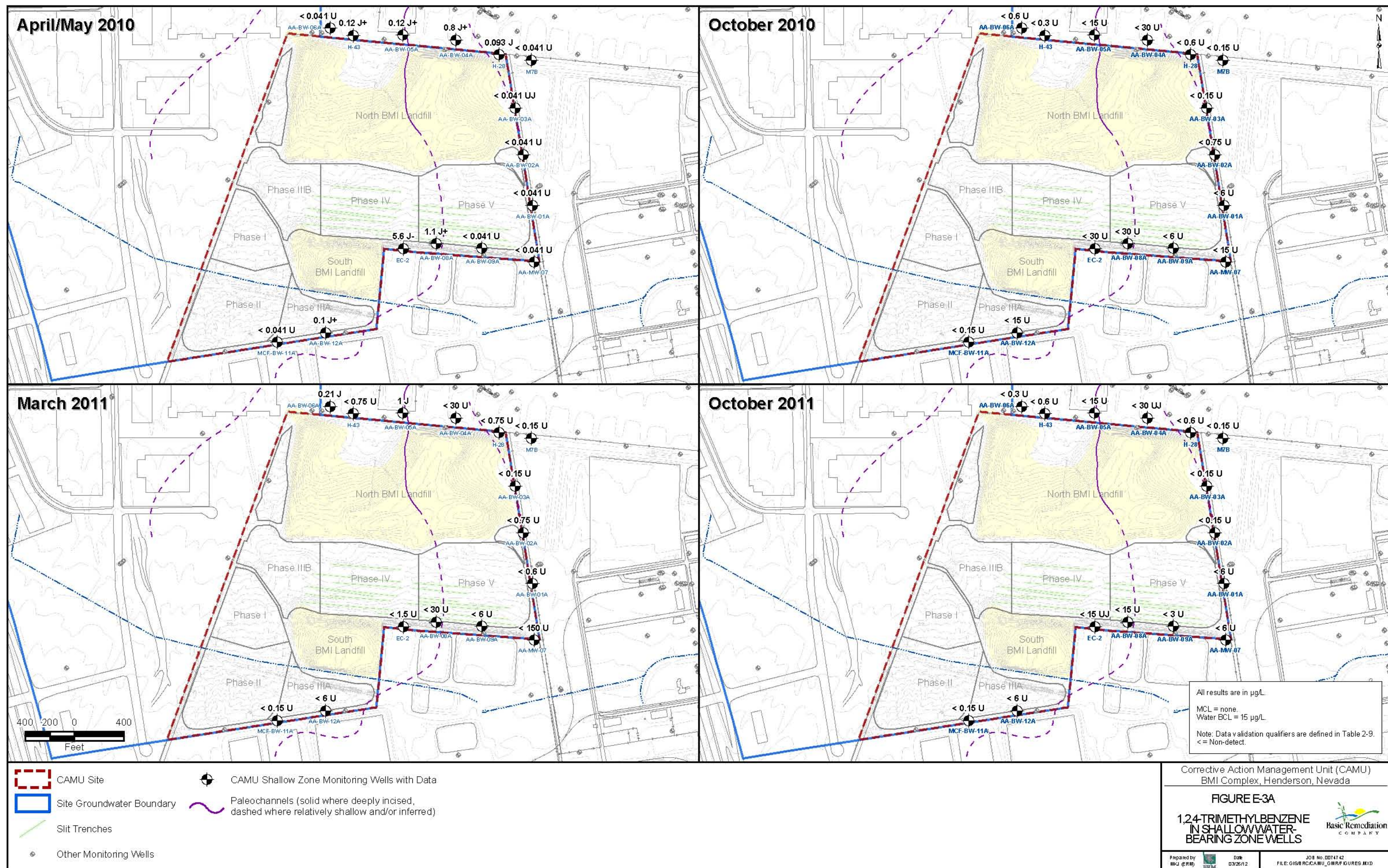


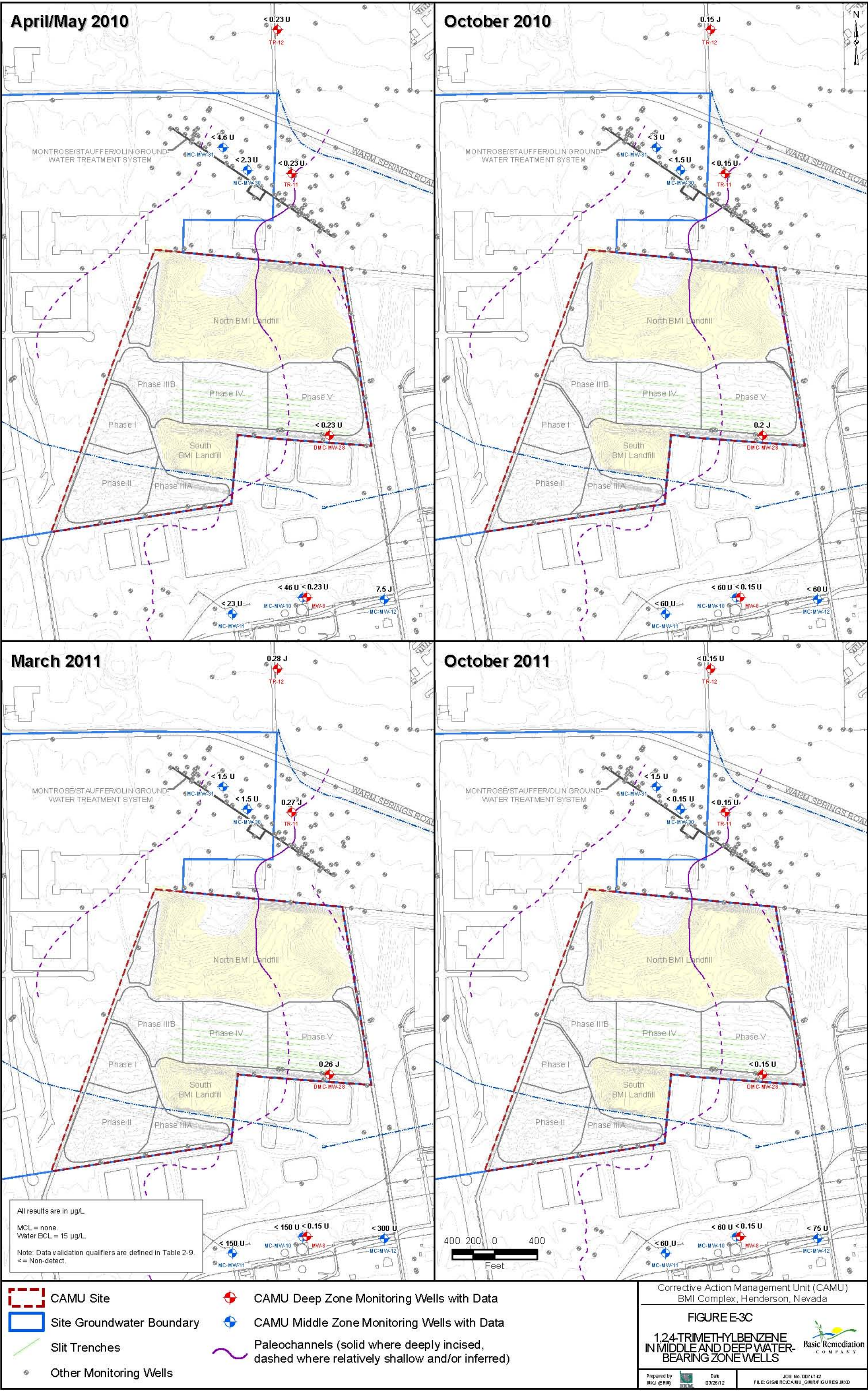
Corrective Action Management Unit (CAMU)
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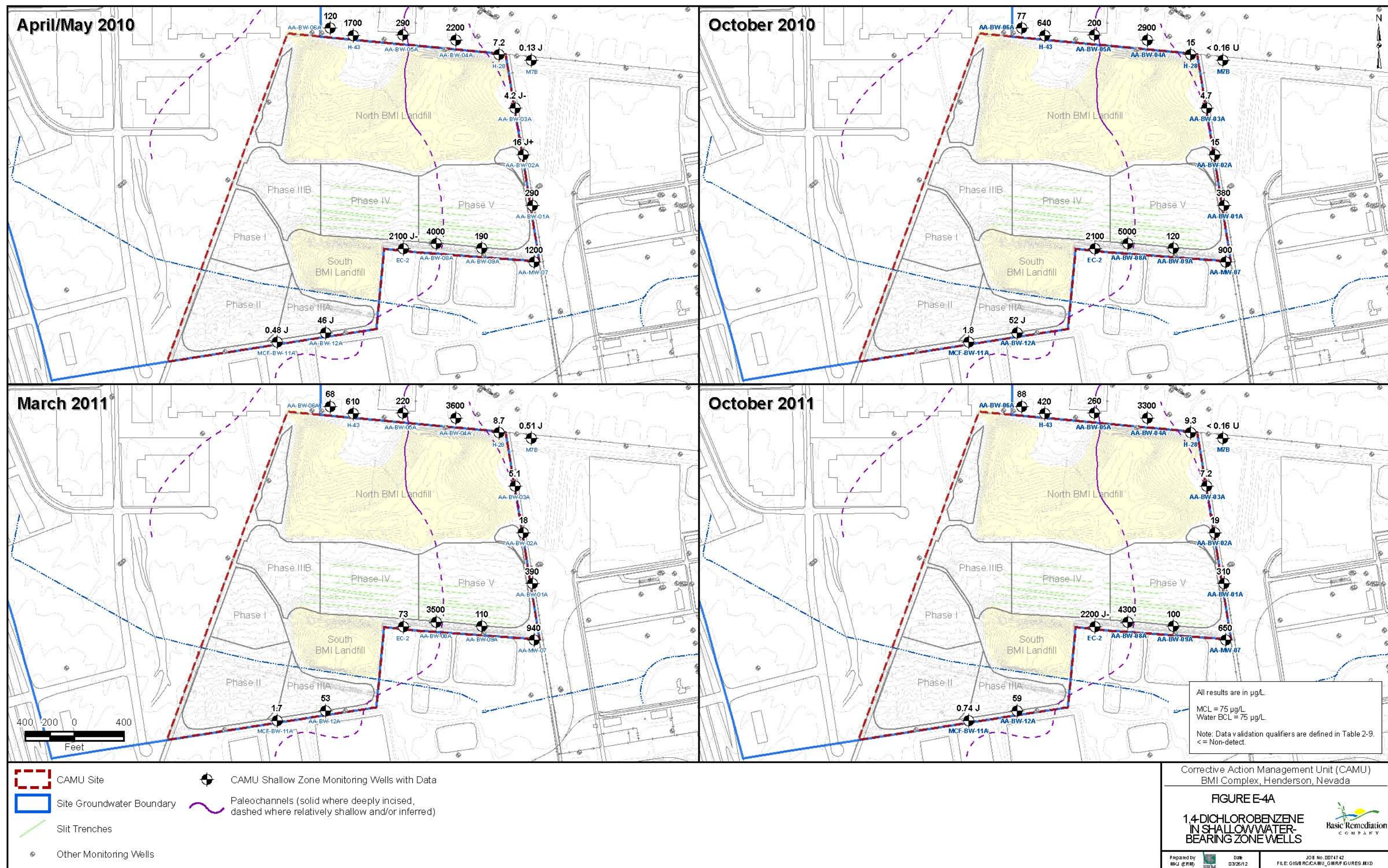
FIGURE E-2B
1,24-TRICHLOROBENZENE
IN SHALLOW WATER-BEARING ZONE WELLS

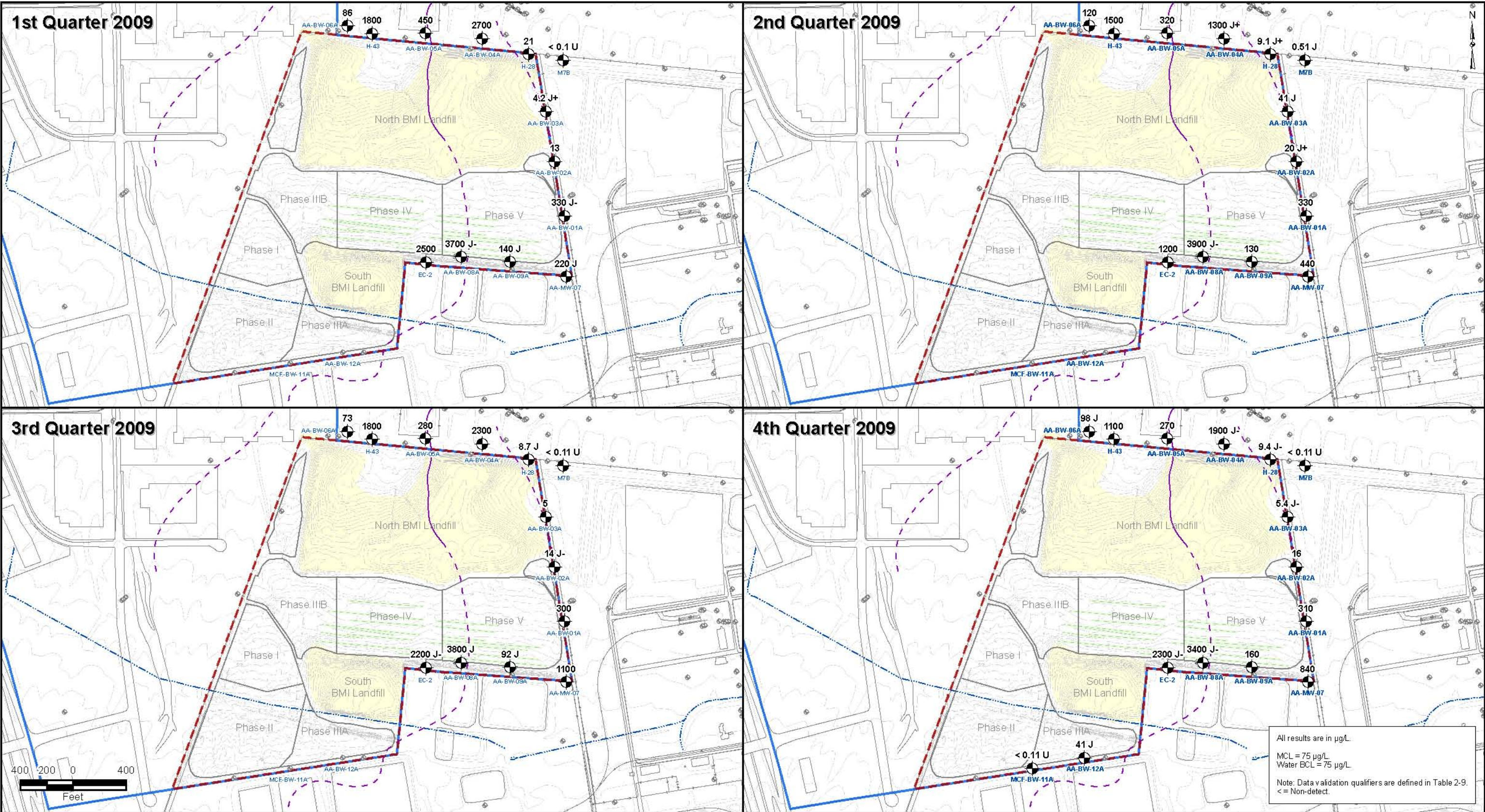












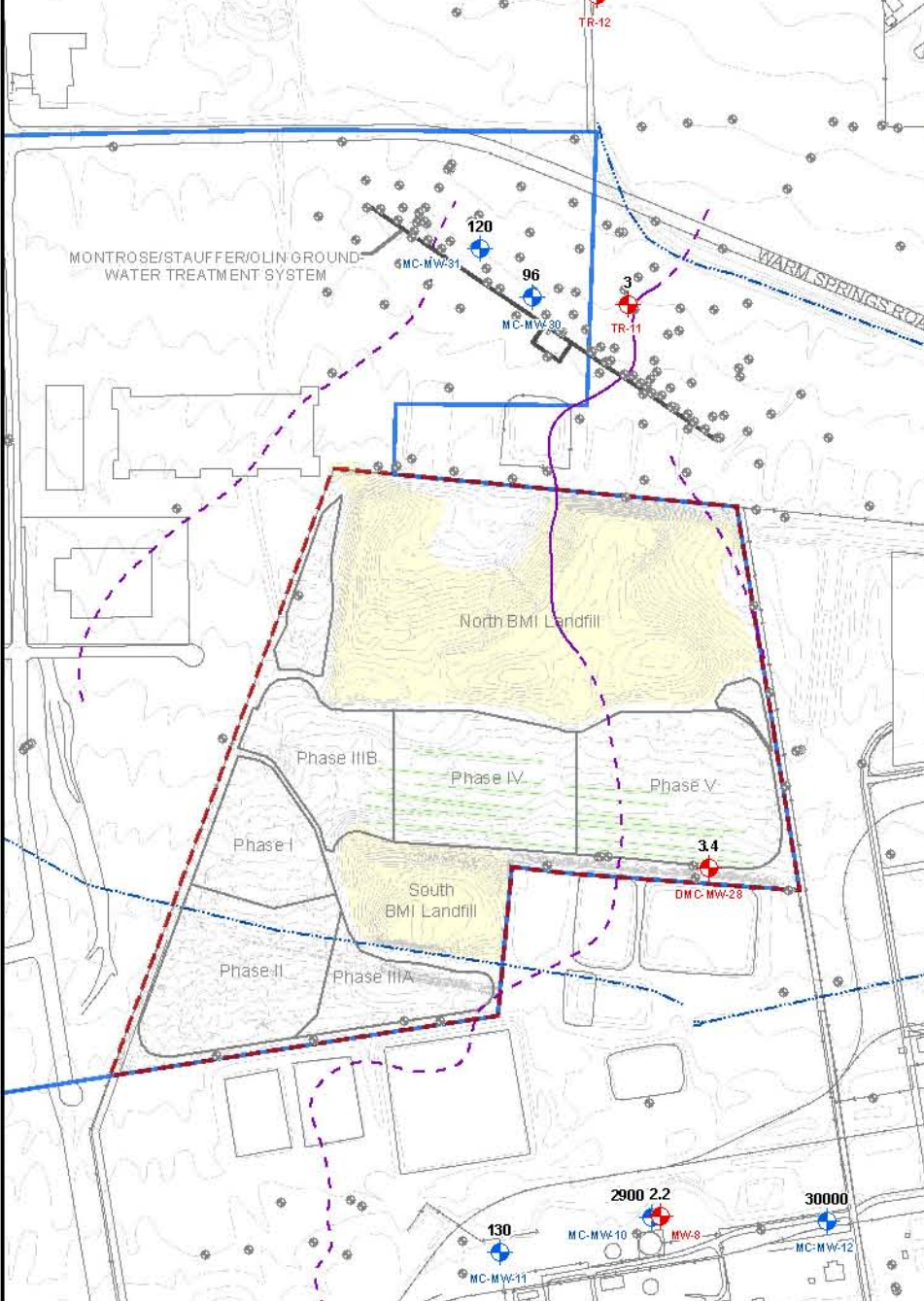
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-4B
1,4-DICHLOROBENZENE
IN SHALLOW WATER-BEARING ZONE WELLS

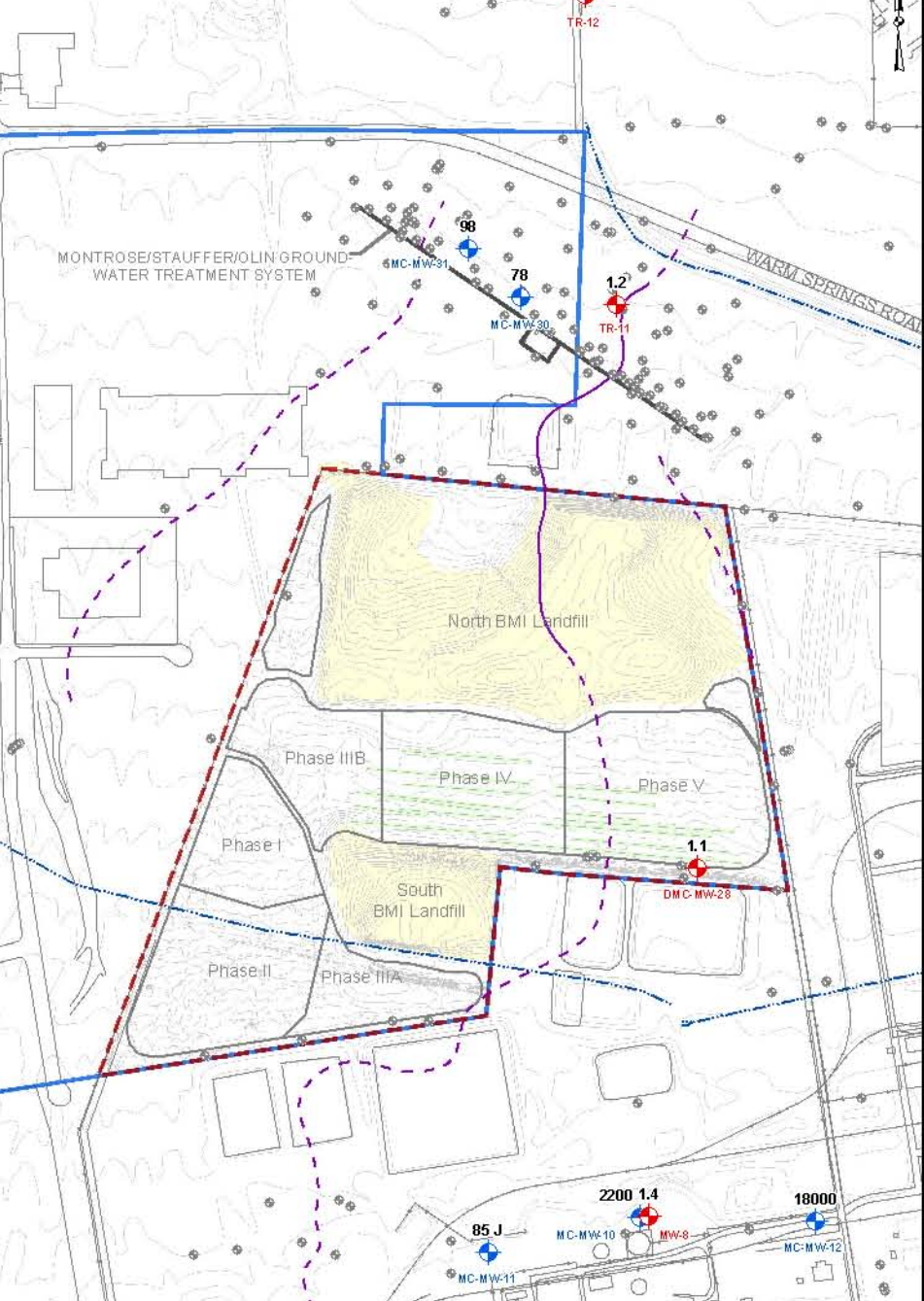
Prepared by: MKJ (ERM) Date: 03/26/12
JOB No. 0074742
FILE: GIS/RC/CAMU_GMR/FIGURES/MXD



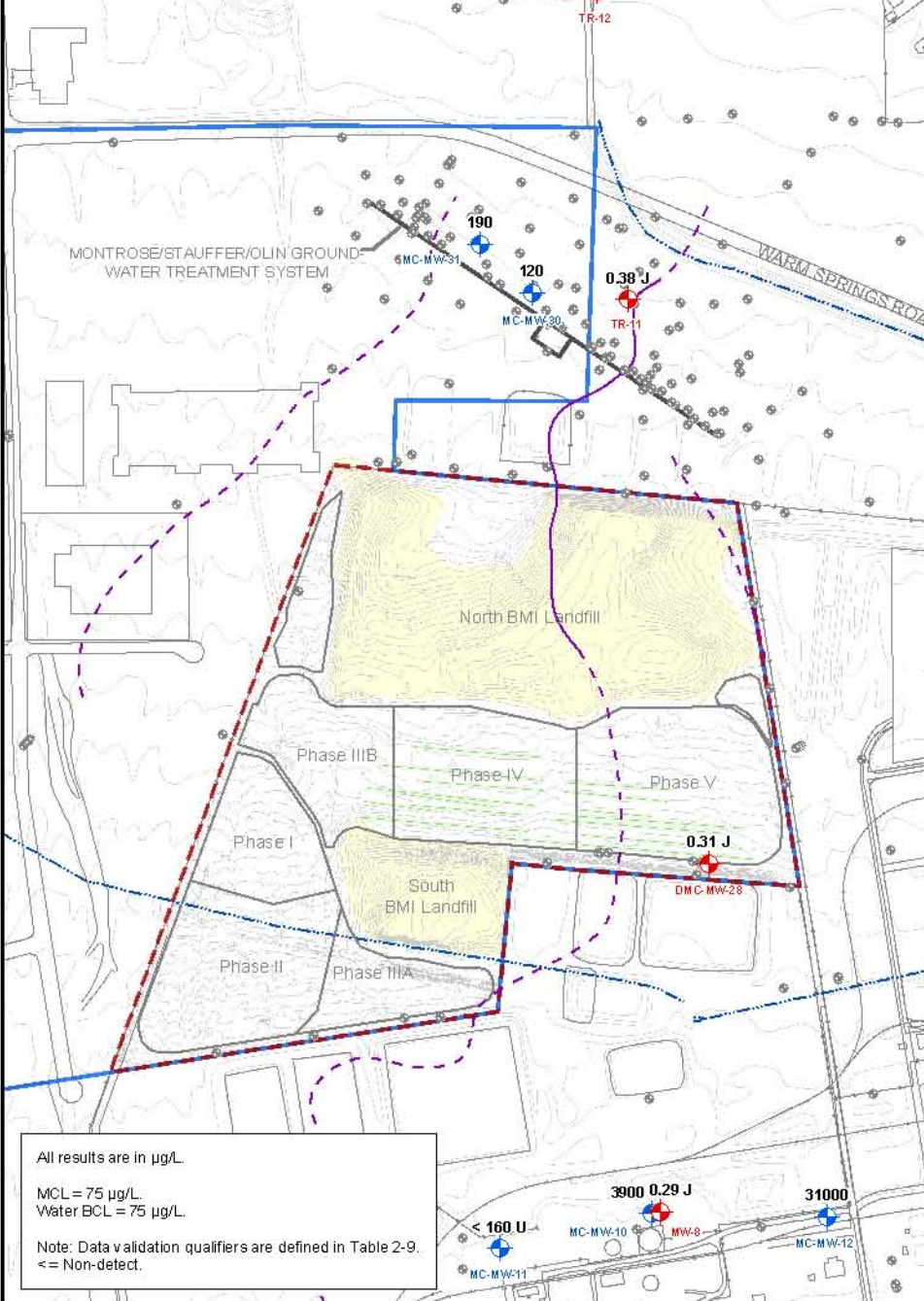
April/May 2010



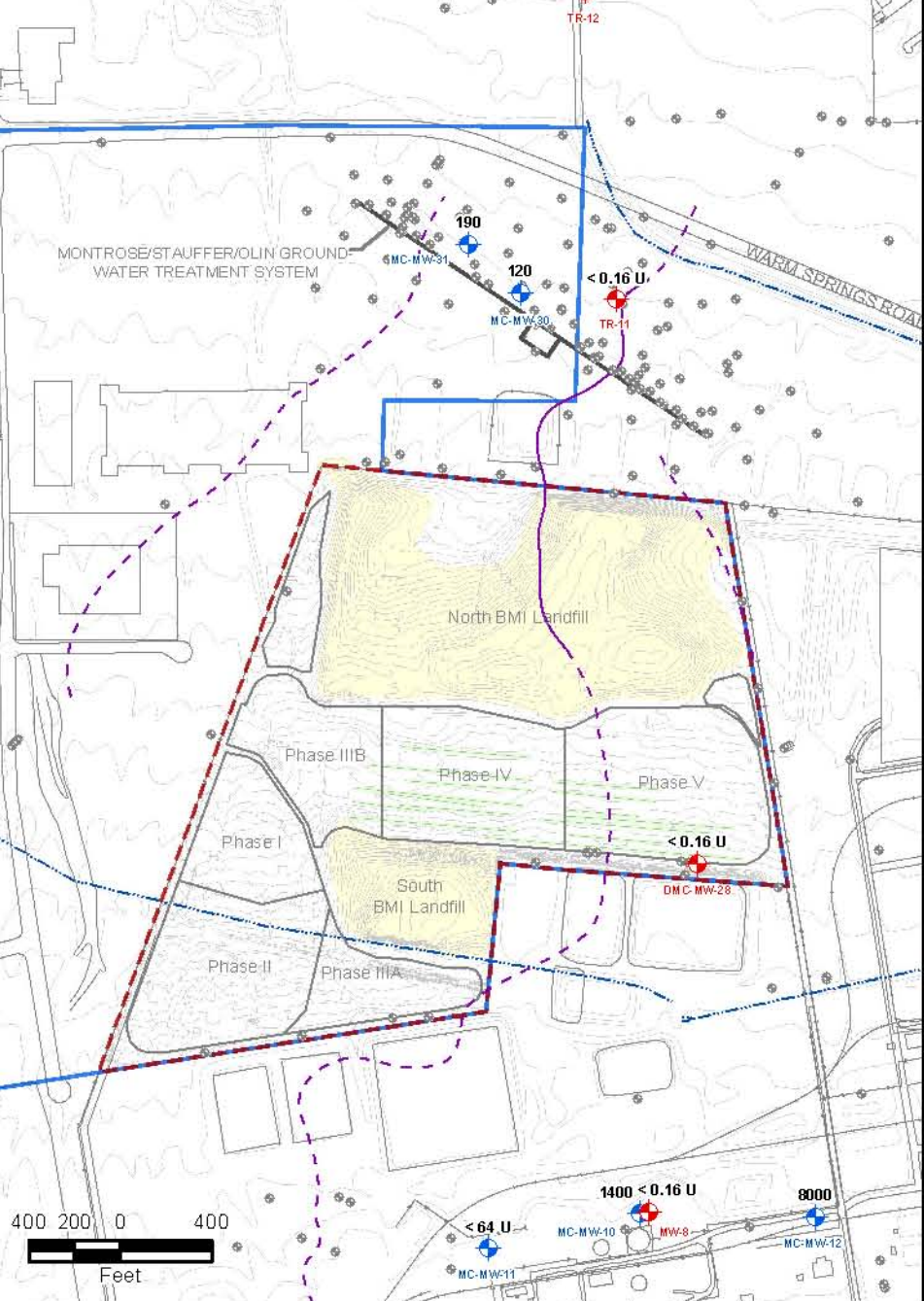
October 2010



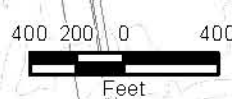
March 2011



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All results are in µg/L.
MCL = 75 µg/L
Water BCL = 75 µg/L
Note: Data validation qualifiers are defined in Table 2-9.
<= Non-detect.



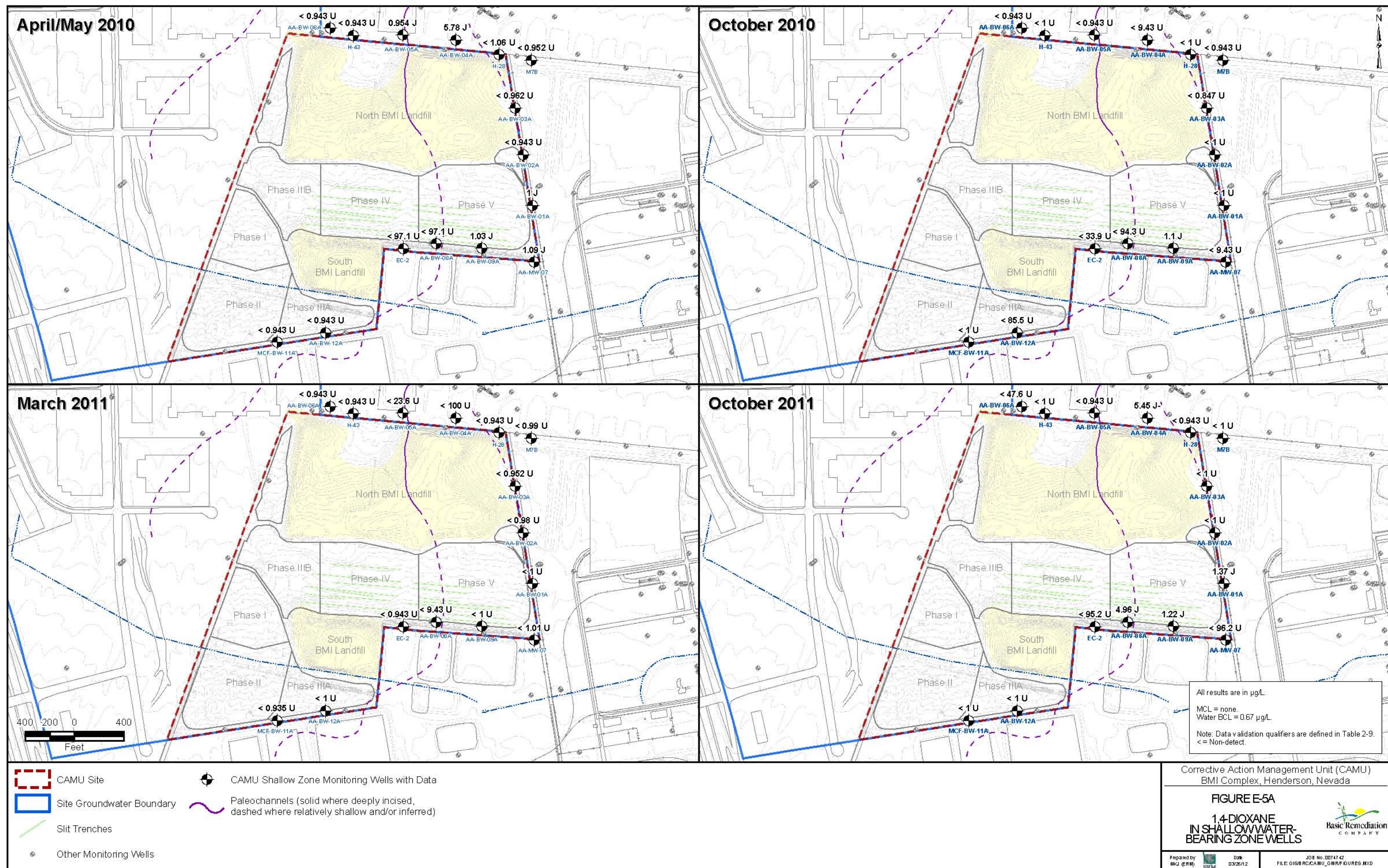
CAMU Site	CAMU Deep Zone Monitoring Wells with Data
Site Groundwater Boundary	CAMU Middle Zone Monitoring Wells with Data
Slit Trenches	Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)
Other Monitoring Wells	

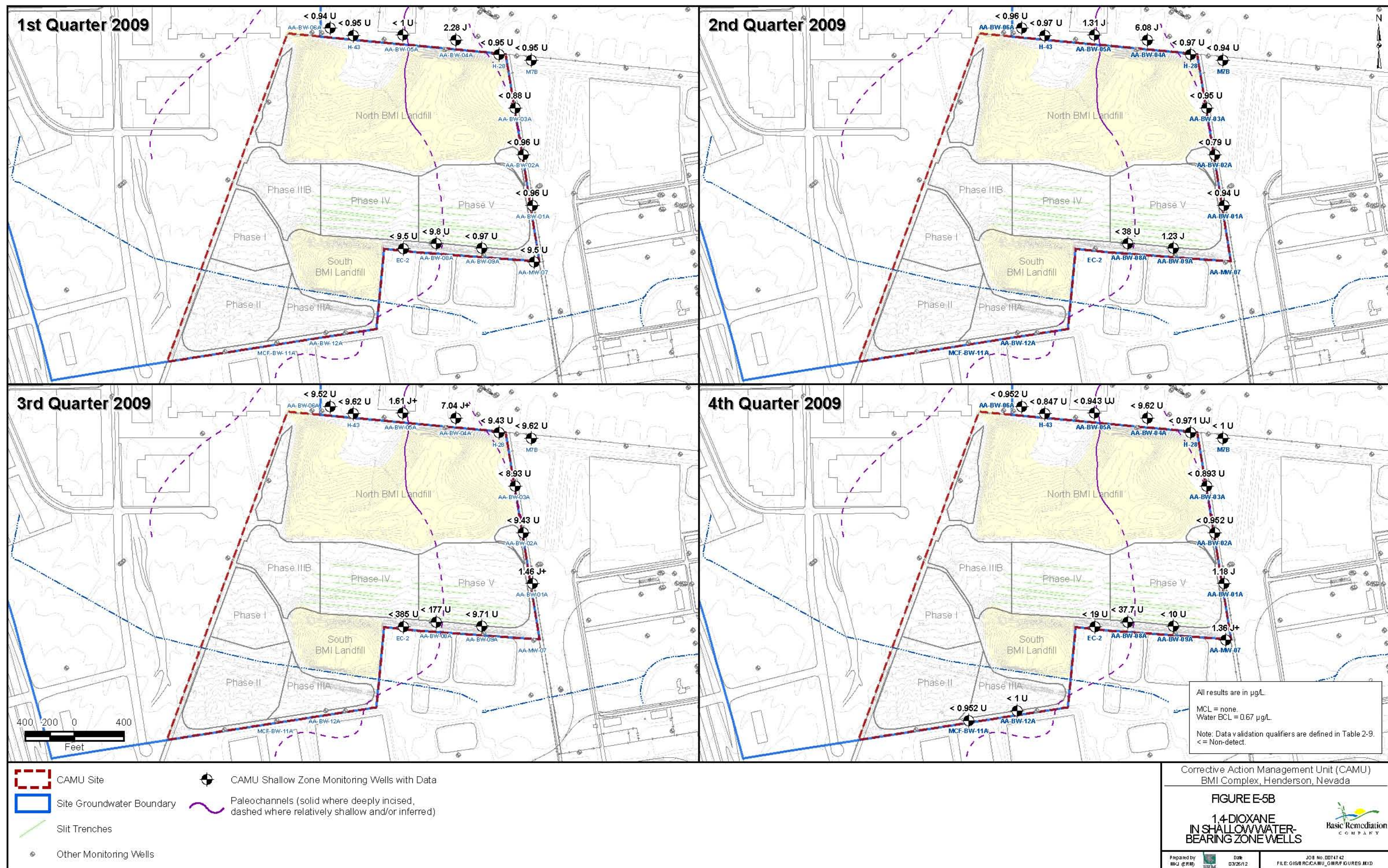
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-4C

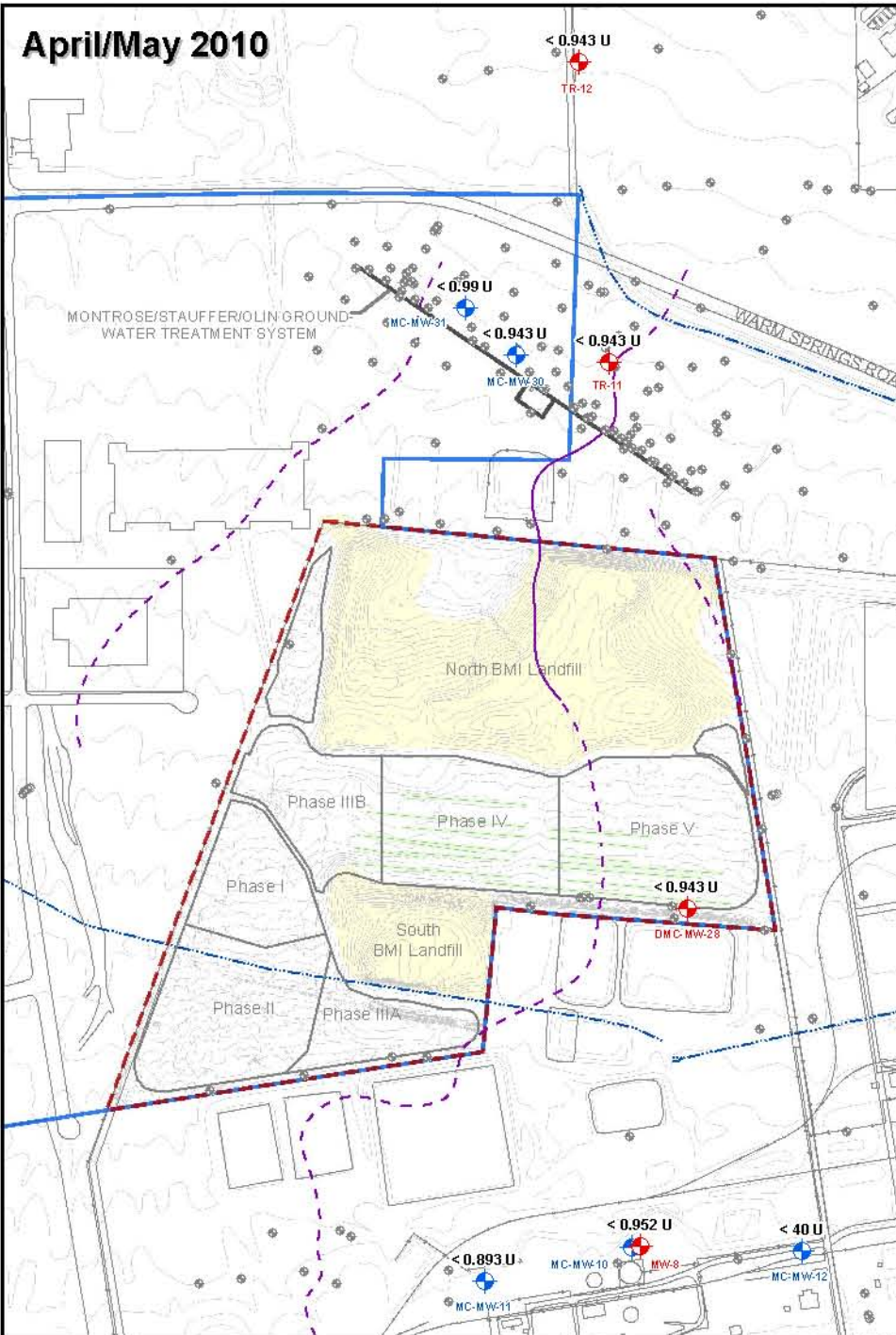
**1,4-DICHLOROBENZENE
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS**

Prepared by: MKJ (ERM) Date: 03/26/12 JOB No. 0074742 FILE: GIS/RC/CAMU_GMR/FIGURES.MXD

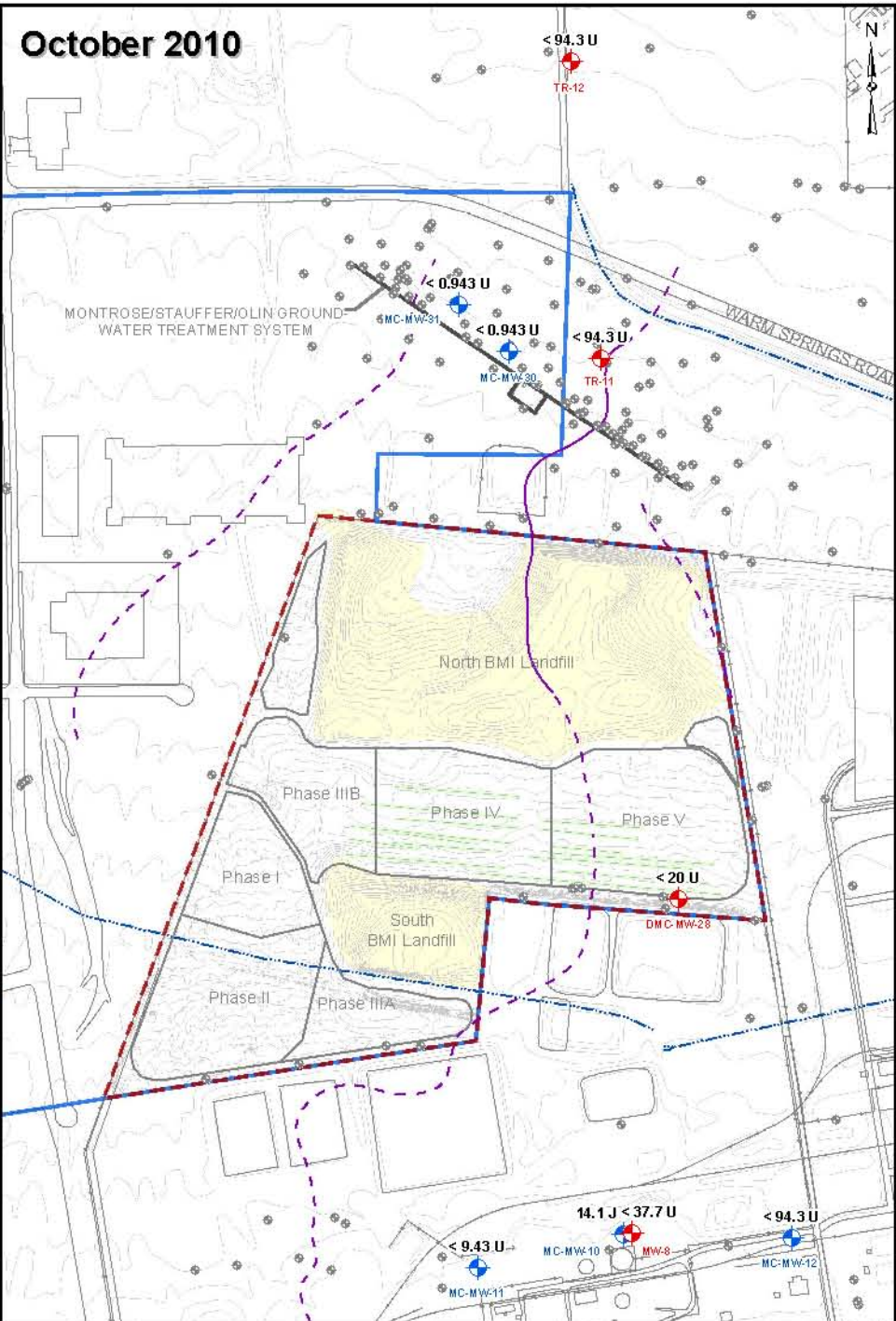




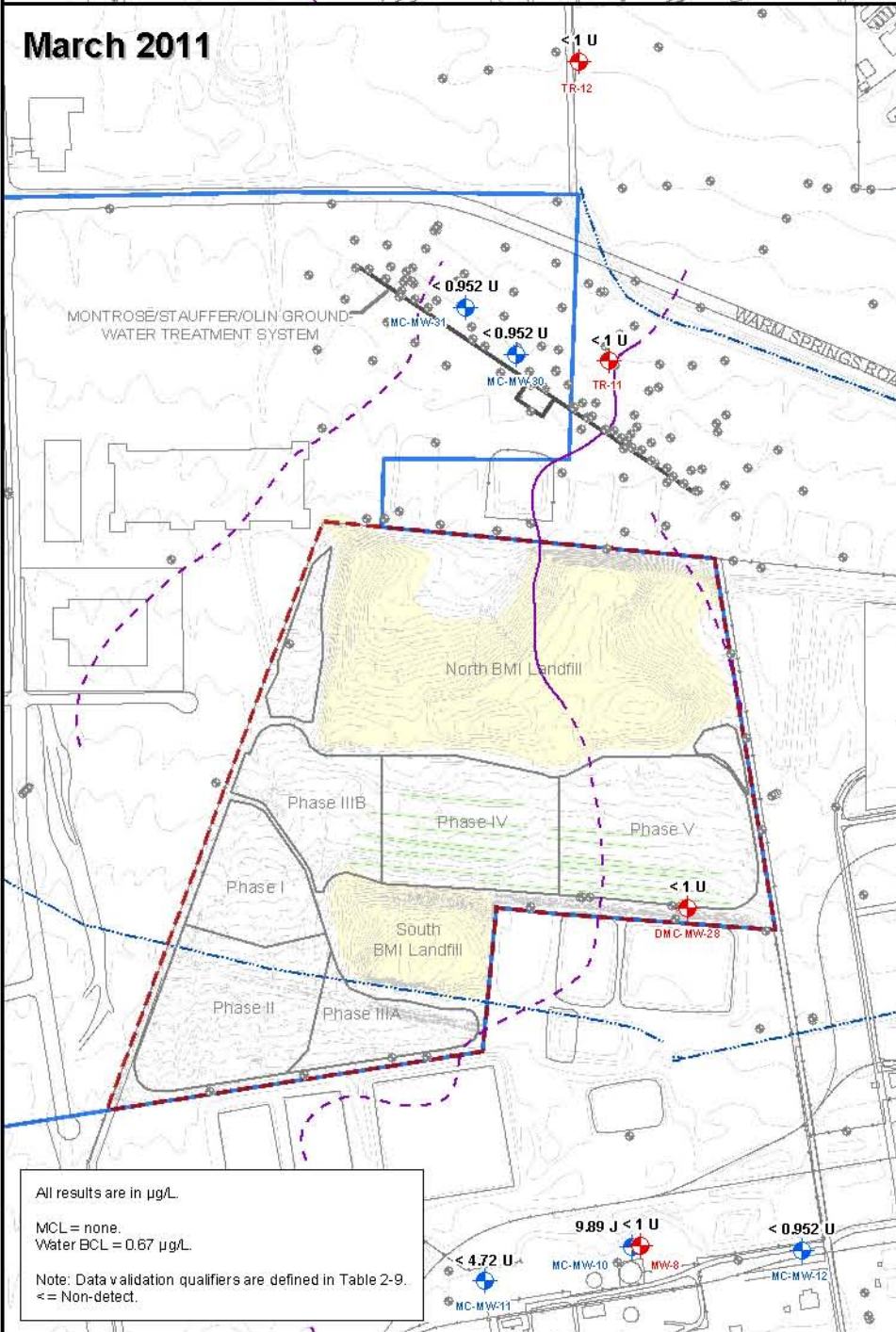
April/May 2010



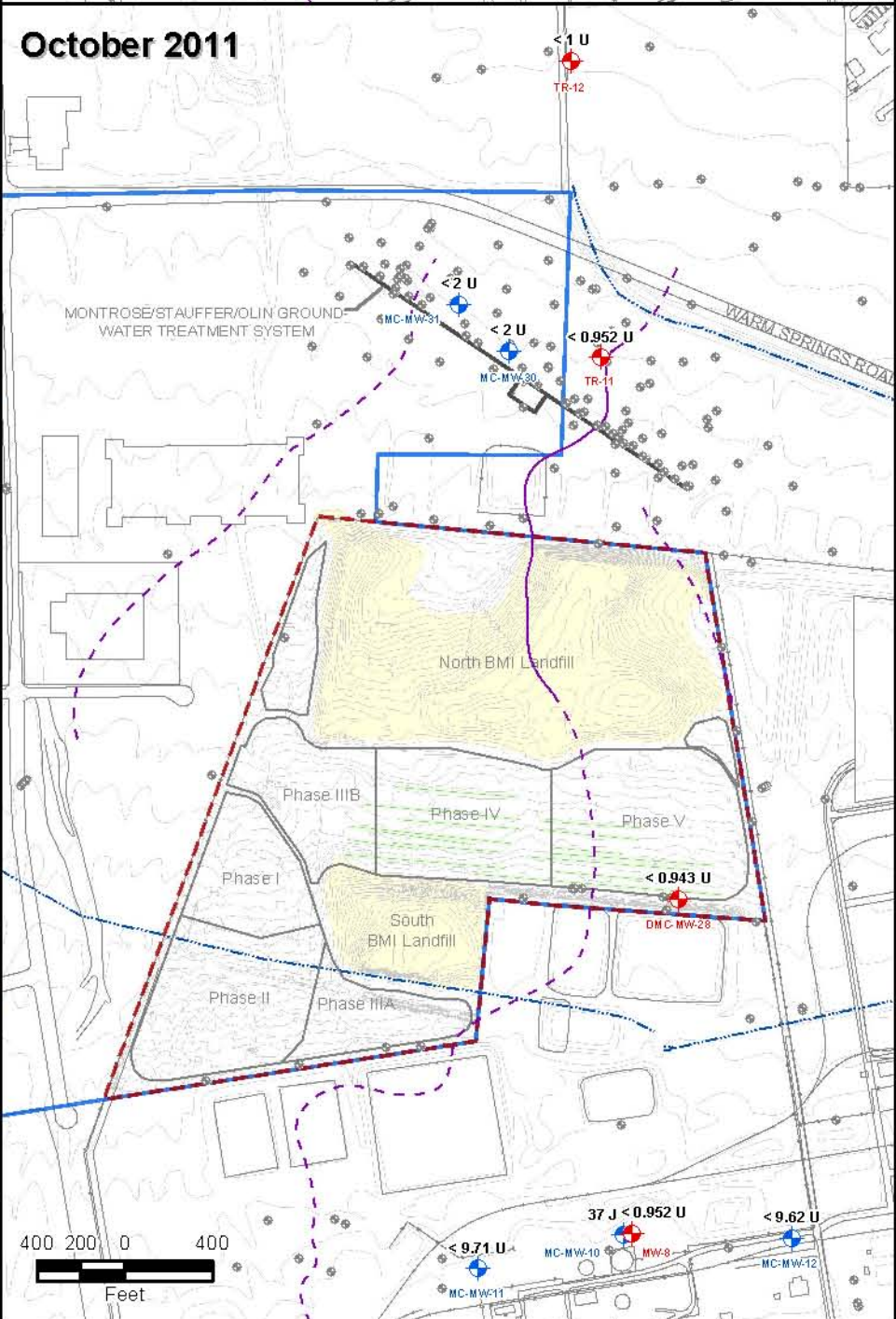
October 2010



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All results are in µg/L.
MCL = none.
Water BCL = 0.67 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
≤ = Non-detect.

400 200 0 400
Feet

- CAMU Site
- Site Groundwater Boundary
- Slit Trenches
- Other Monitoring Wells
- CAMU Deep Zone Monitoring Wells with Data
- CAMU Middle Zone Monitoring Wells with Data
- Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

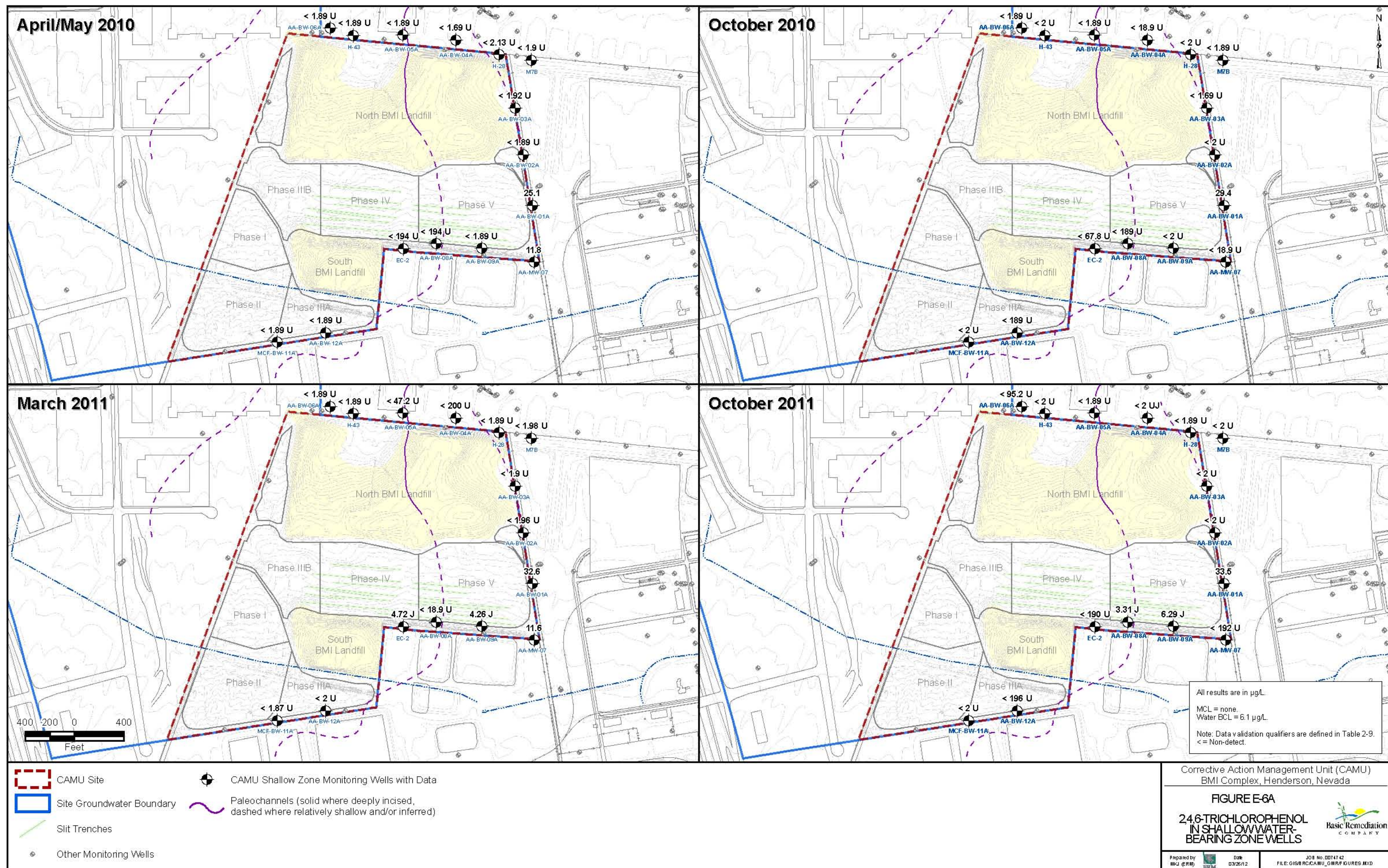
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

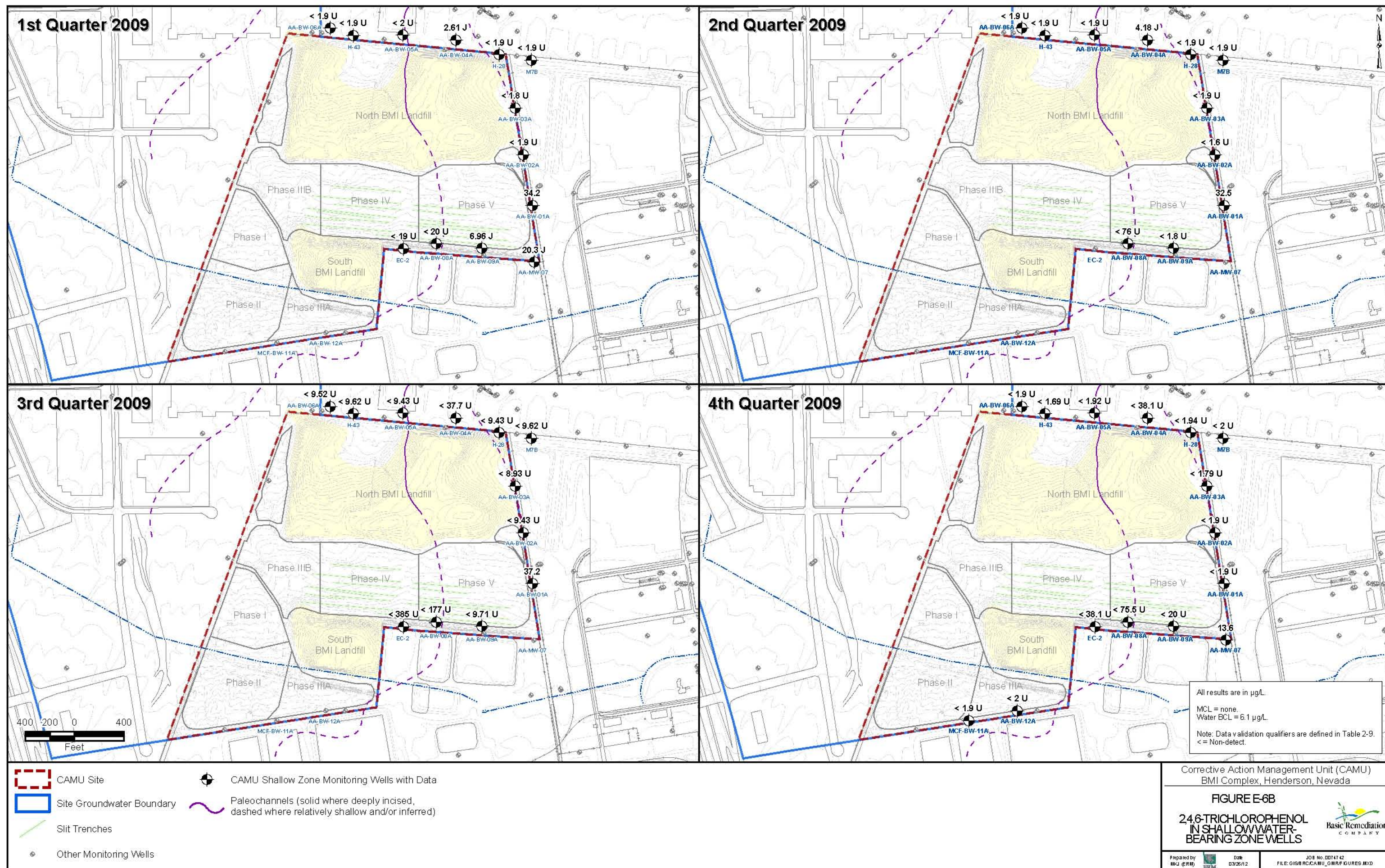
FIGURE E-5C

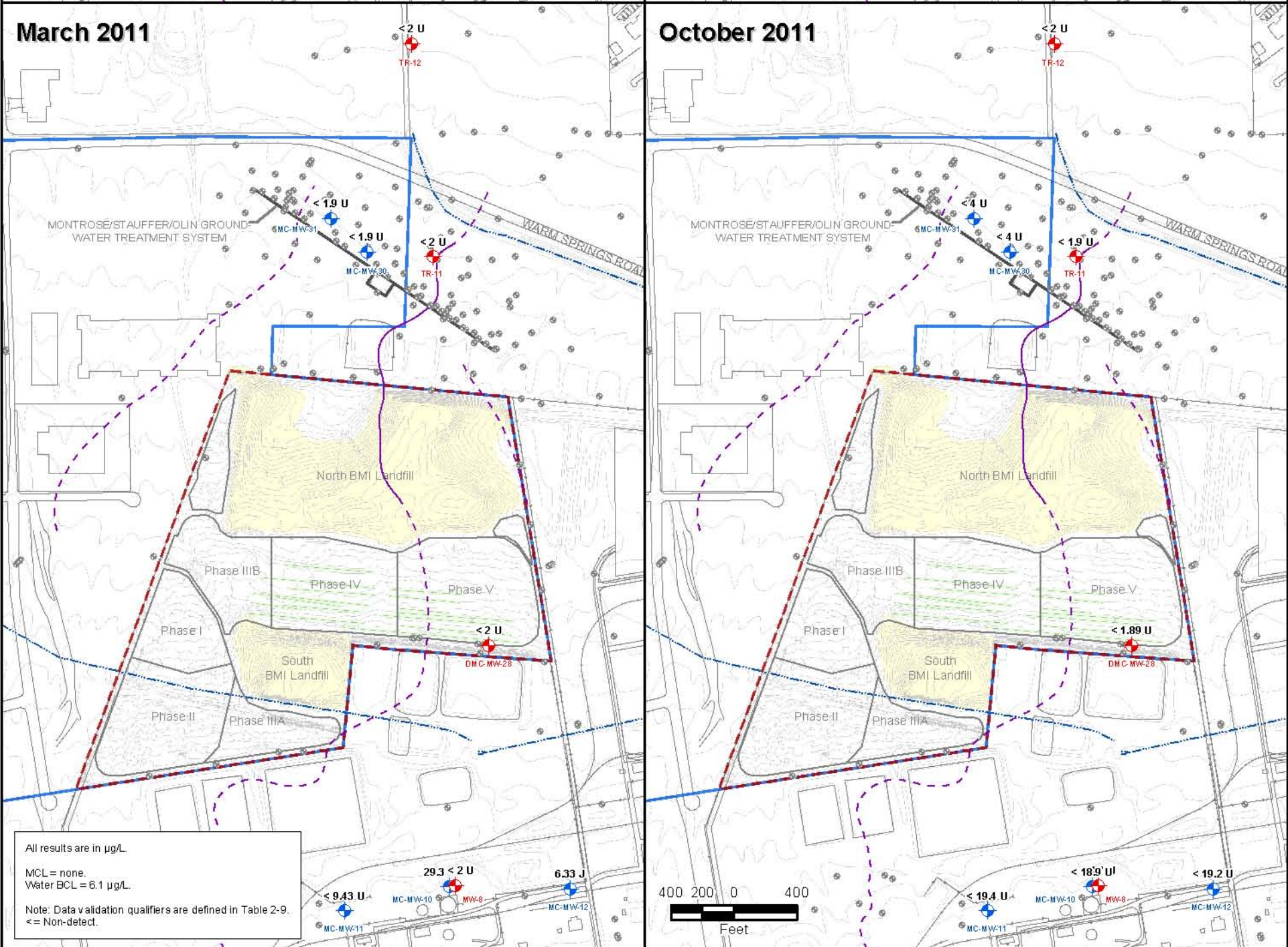
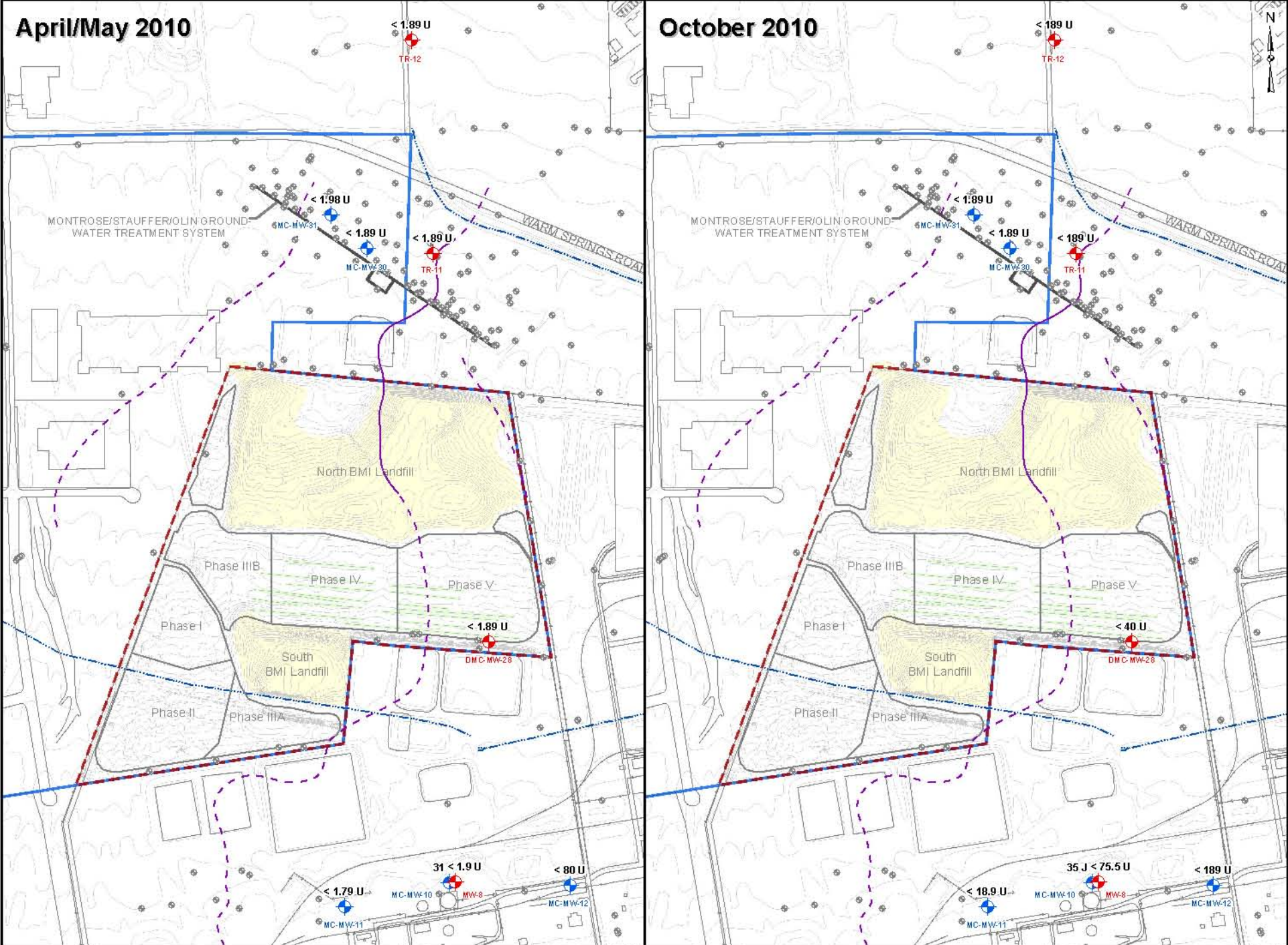
1,4-DIOXANE
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

Prepared by: NKK & RMI Date: 03/26/12 JOB No. 0074742 FILE: GIS\RCCAMU_GMR\FIGURES.MXD

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CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised,
dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-6C

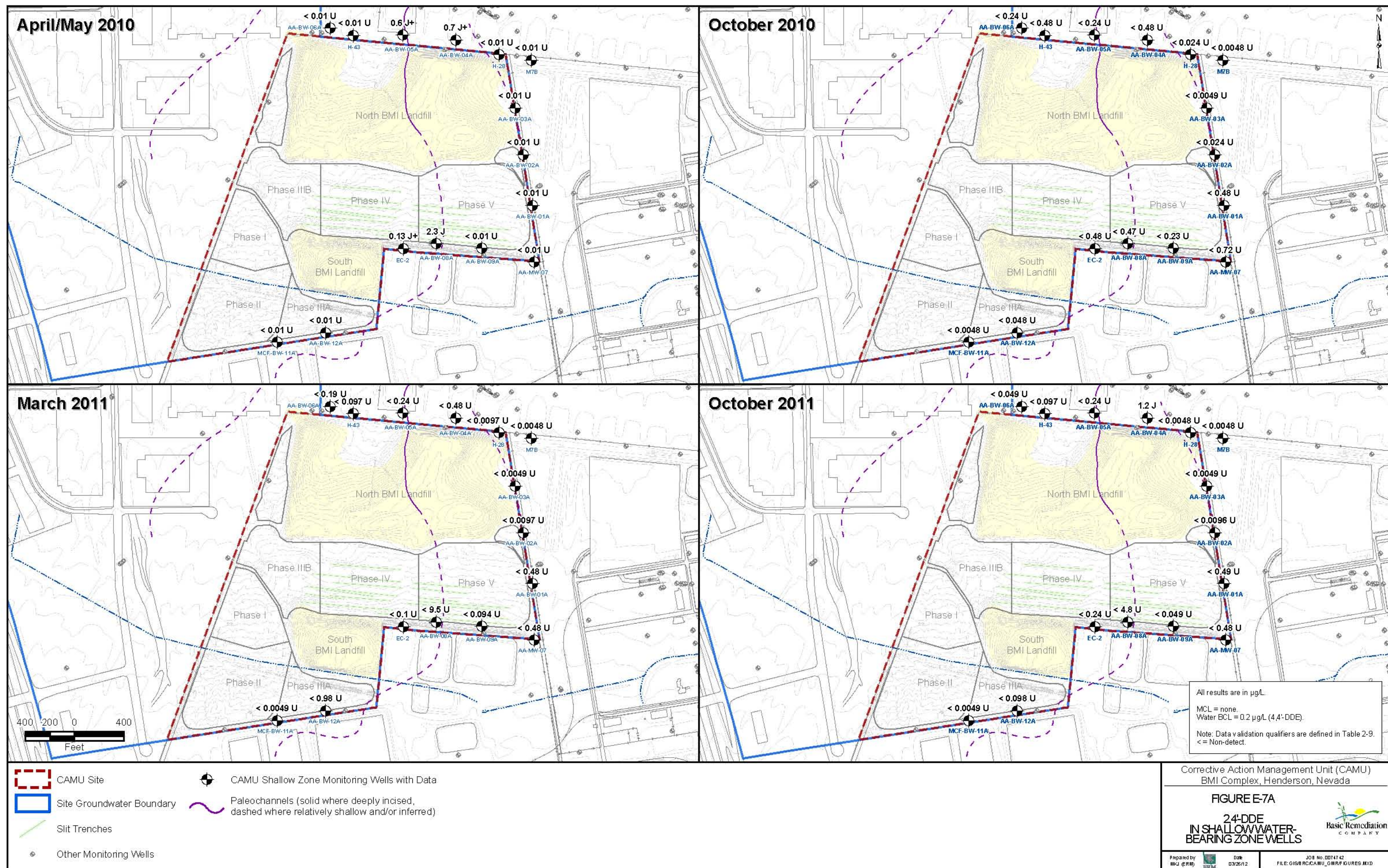
2,4,6-TRICHLOROPHENOL
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS

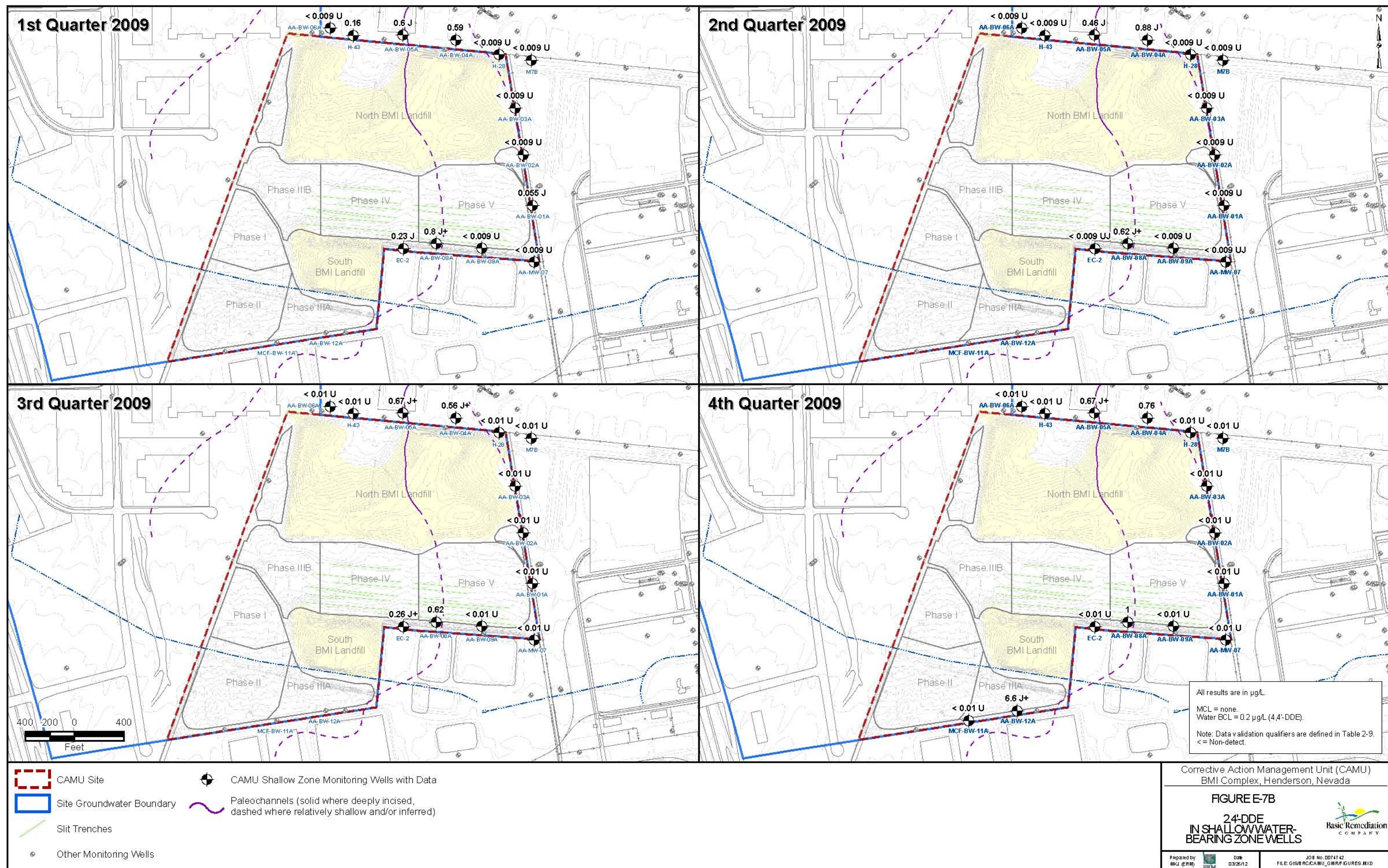
Prepared by
MKJ (ERM)

Date
03/26/12

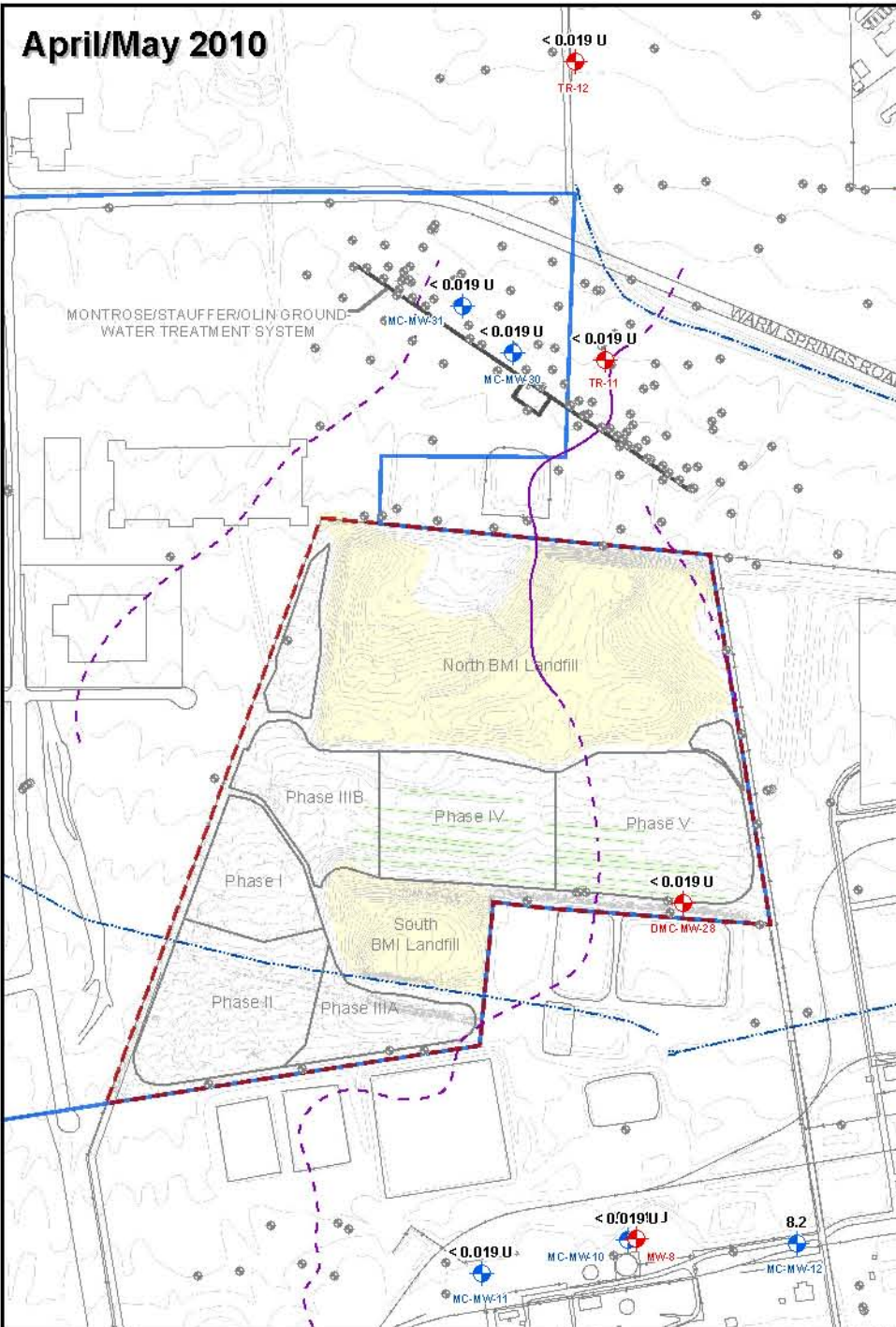
JOB No. 0074742
FILE: GIS/RC/CAMU_GMR/FIGURES.MXD

Basic Remediation
Company

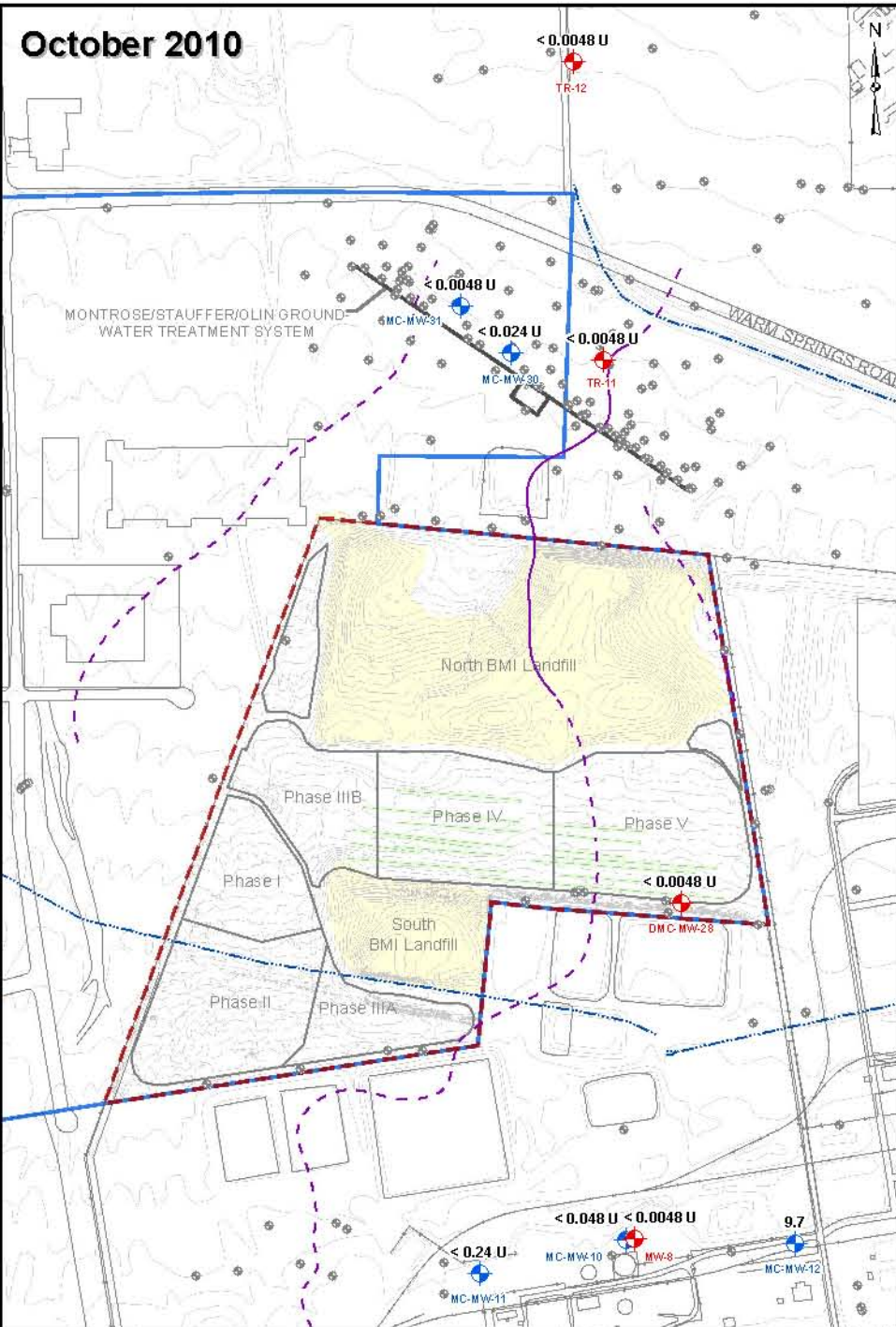




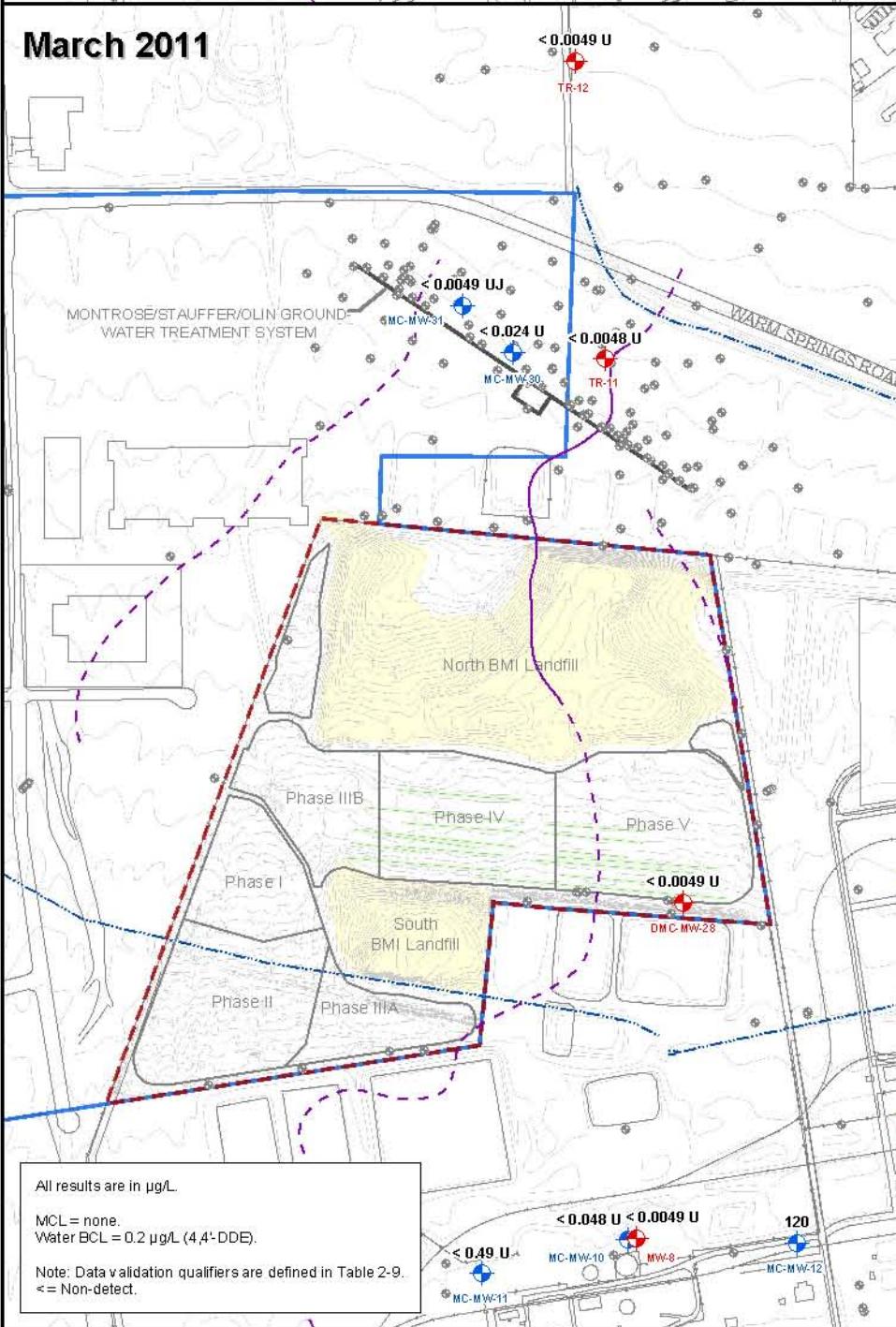
April/May 2010



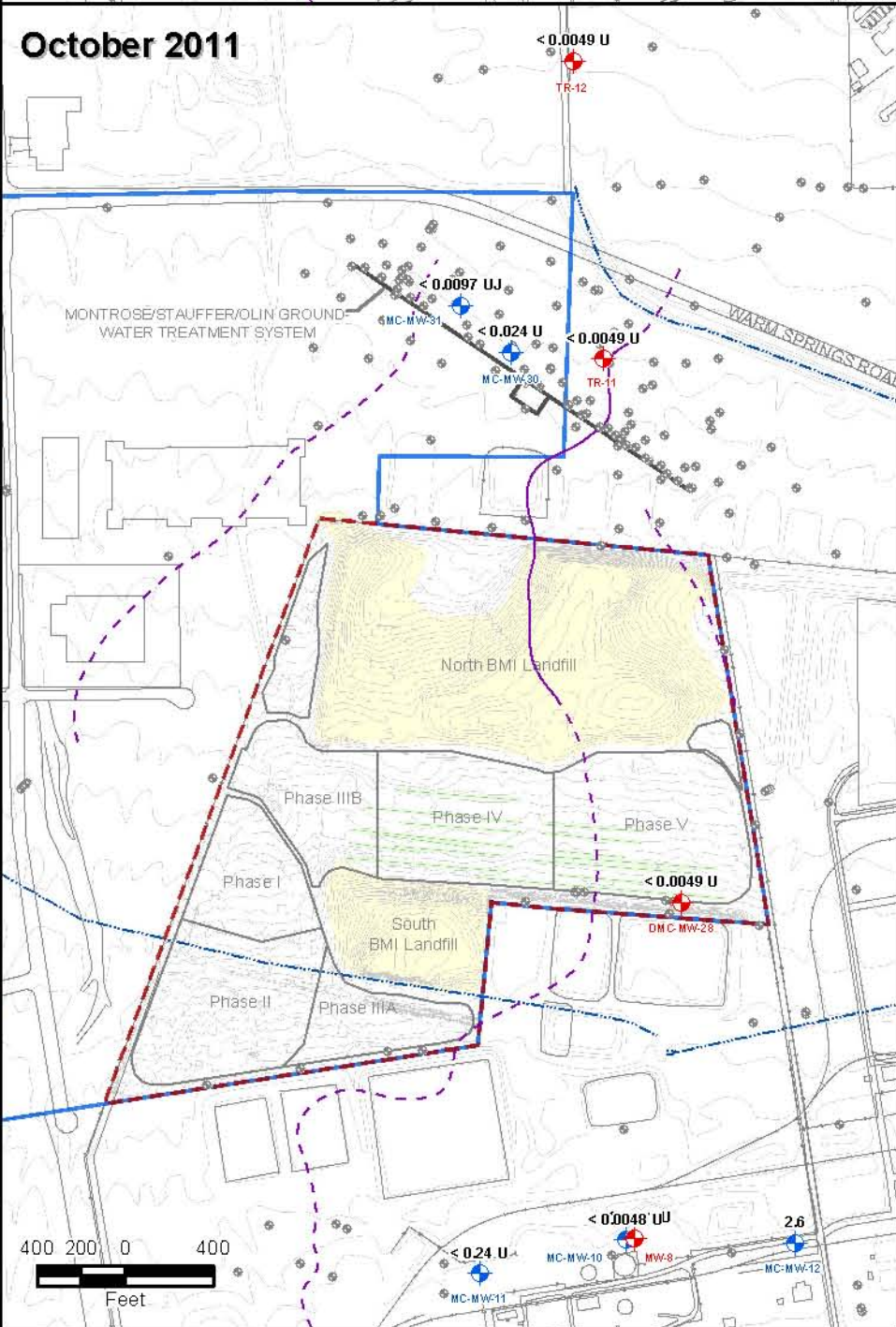
October 2010



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All results are in µg/L.
MCL = none.
Water BCL = 0.2 µg/L (4,4'-DDE).
Note: Data validation qualifiers are defined in Table 2-9.
≤ = Non-detect.



- CAMU Site
- Site Groundwater Boundary
- Slit Trenches
- Other Monitoring Wells
- CAMU Deep Zone Monitoring Wells with Data
- CAMU Middle Zone Monitoring Wells with Data
- Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

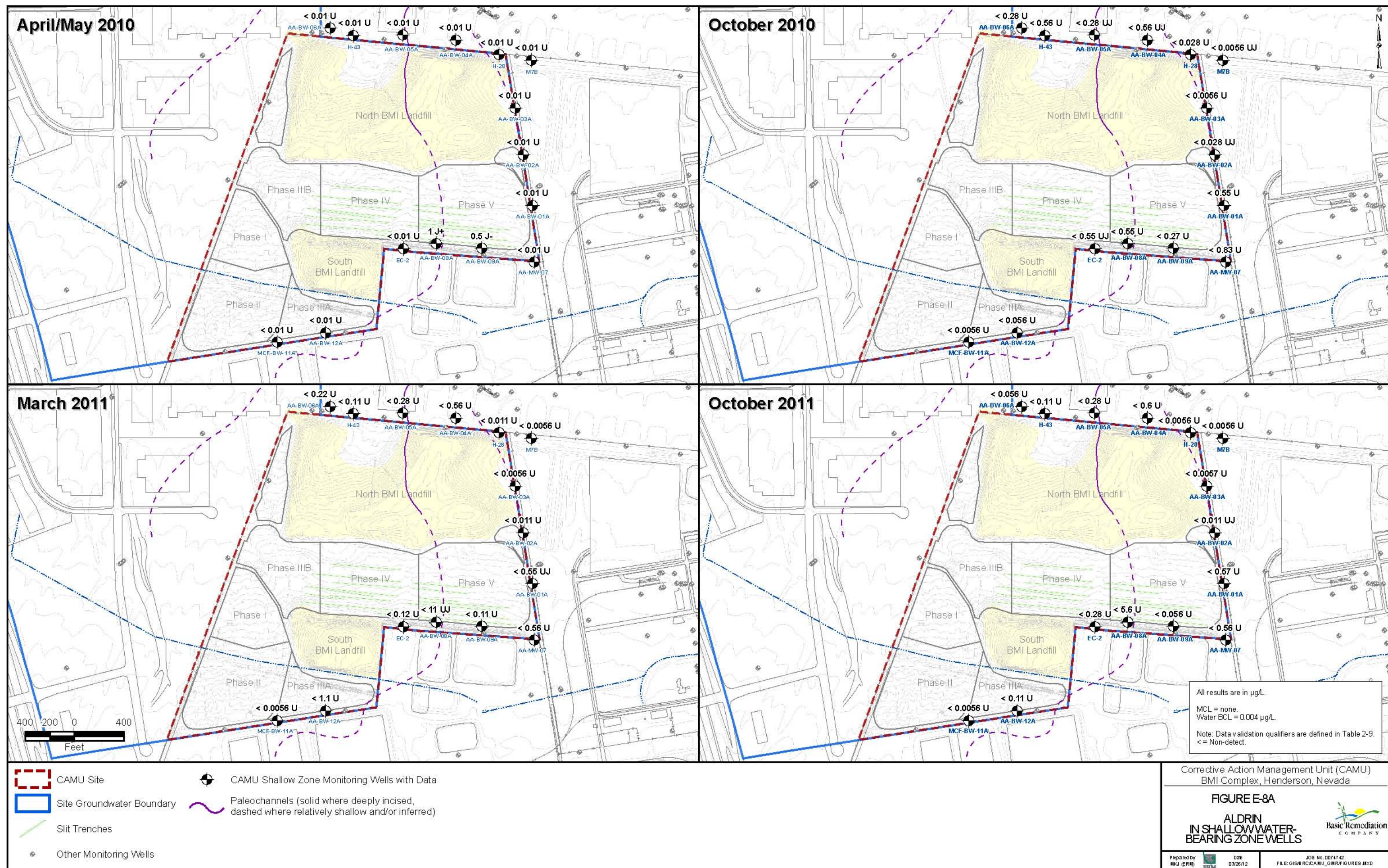
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-7C

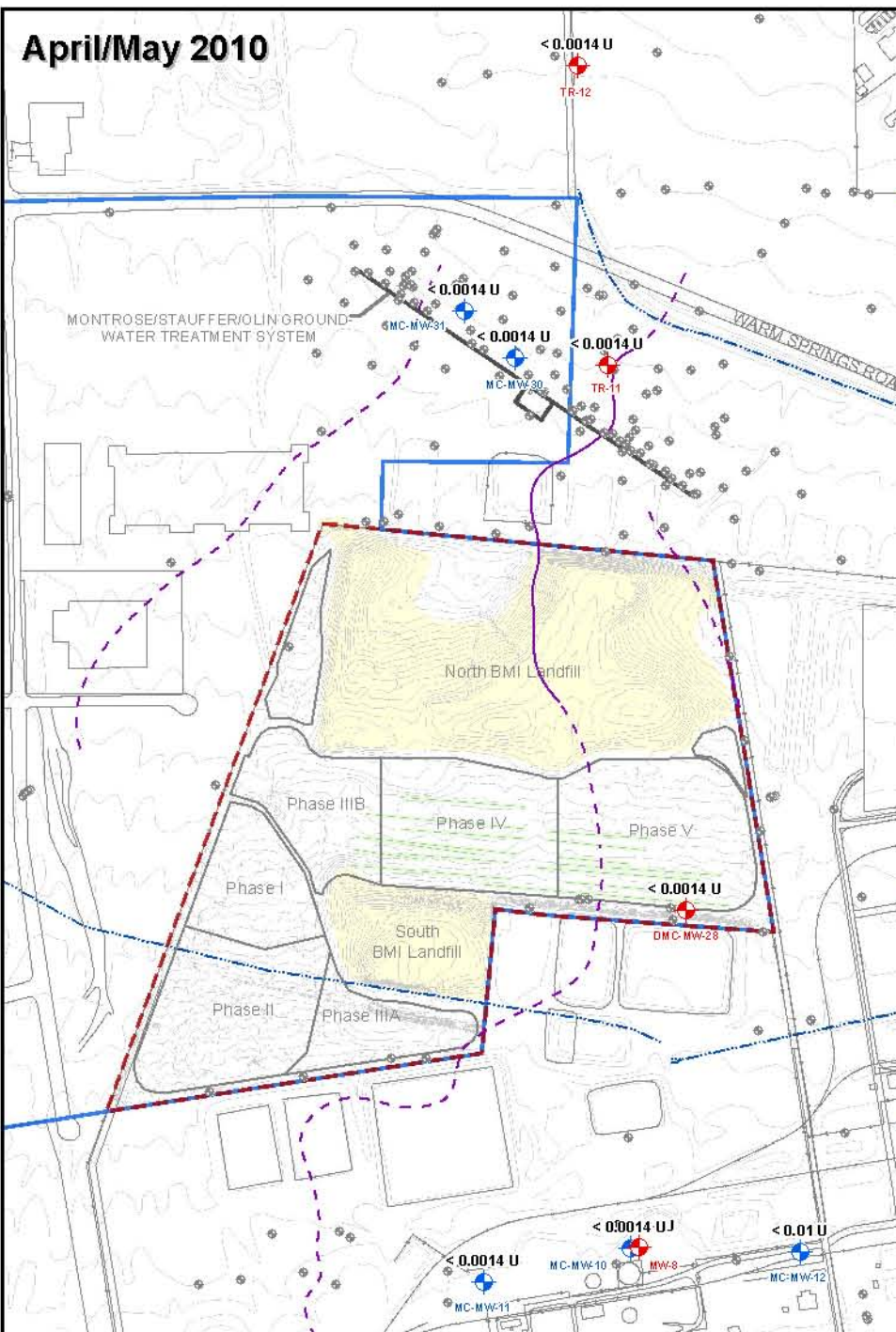
24'-DDE
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS



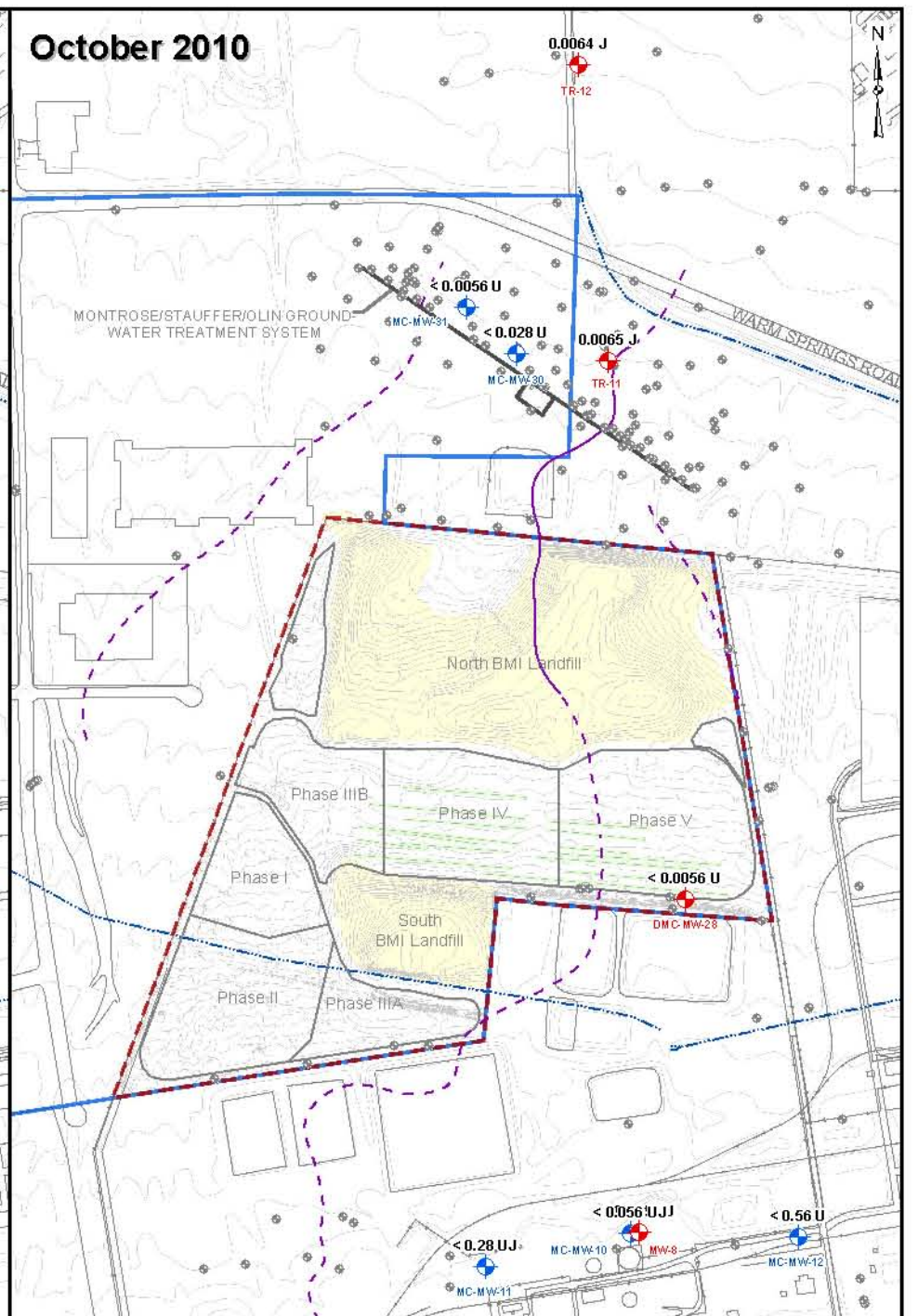
Prepared by: MKJ (ERM) Date: 03/26/12 JOB No. 0074742 FILE: GIS/RC/CAMU_GMR/FIGURES.MXD



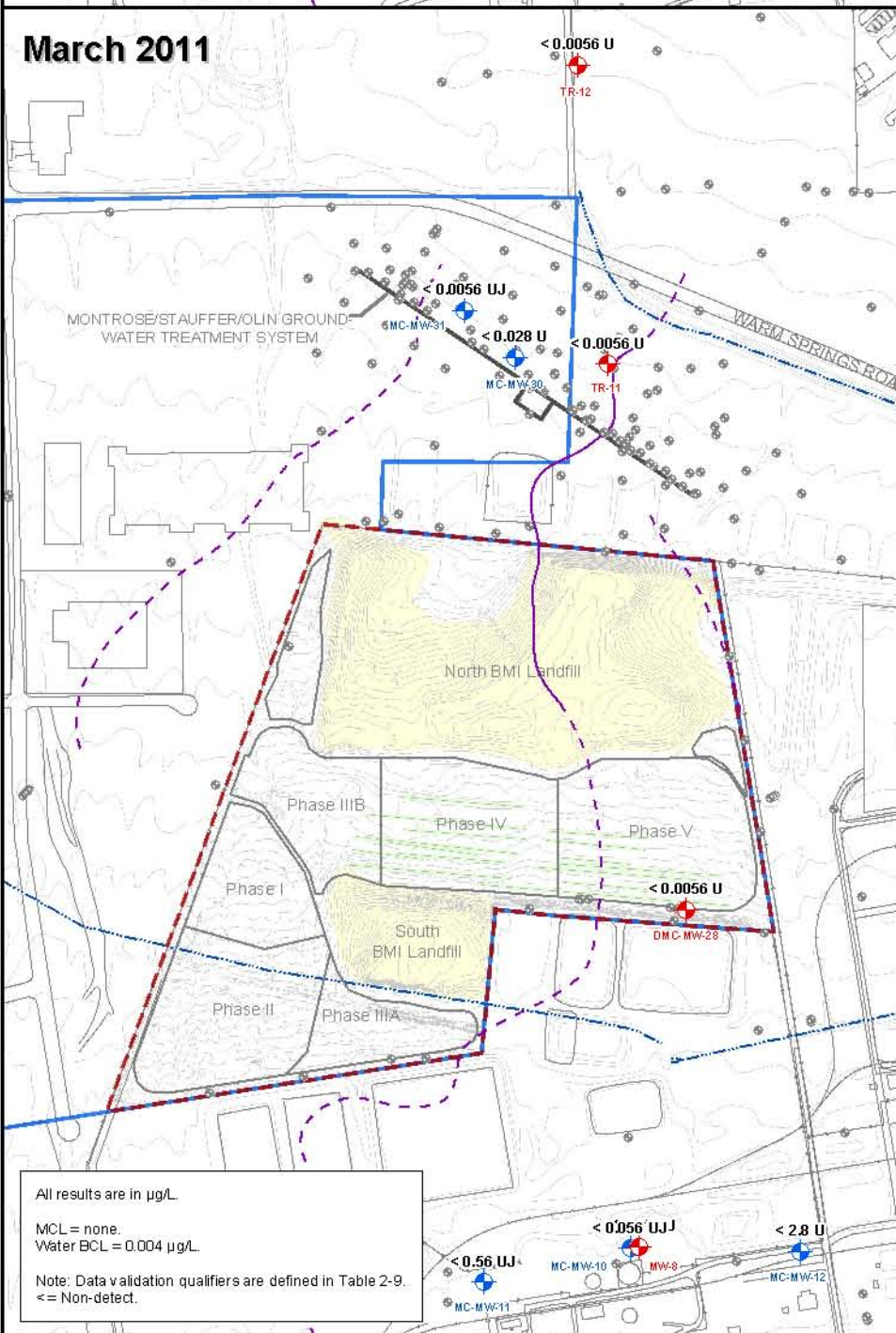
April/May 2010



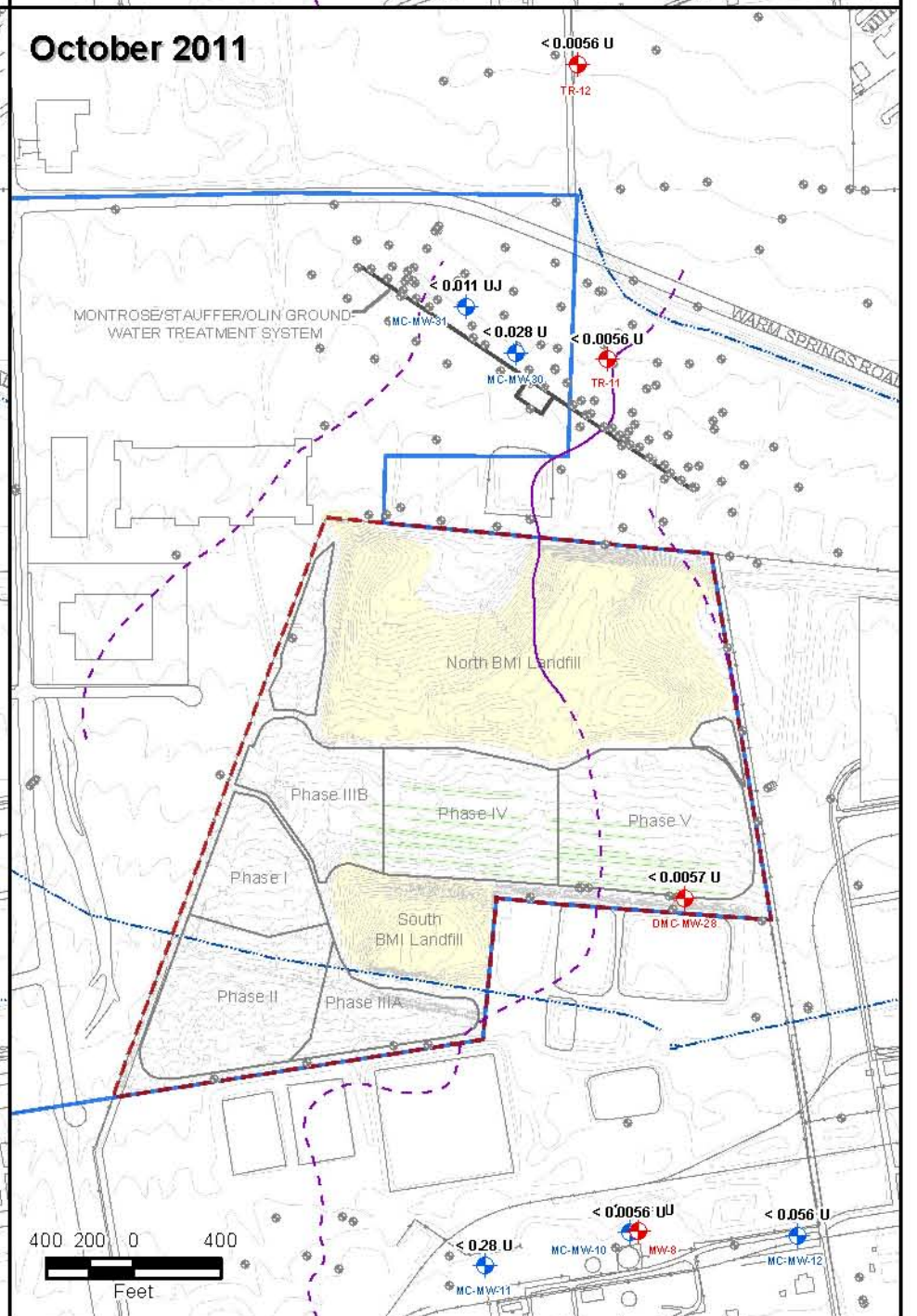
October 2010



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All results are in µg/L.
MCL = none.
Water BCL = 0.004 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
≤ = Non-detect.

400 200 0 400
Feet

- CAMU Site
- Site Groundwater Boundary
- Slit Trenches
- Other Monitoring Wells
- CAMU Deep Zone Monitoring Wells with Data
- CAMU Middle Zone Monitoring Wells with Data
- Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-8C

ALDRIN
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS



Prepared by
MKJ (ERM)

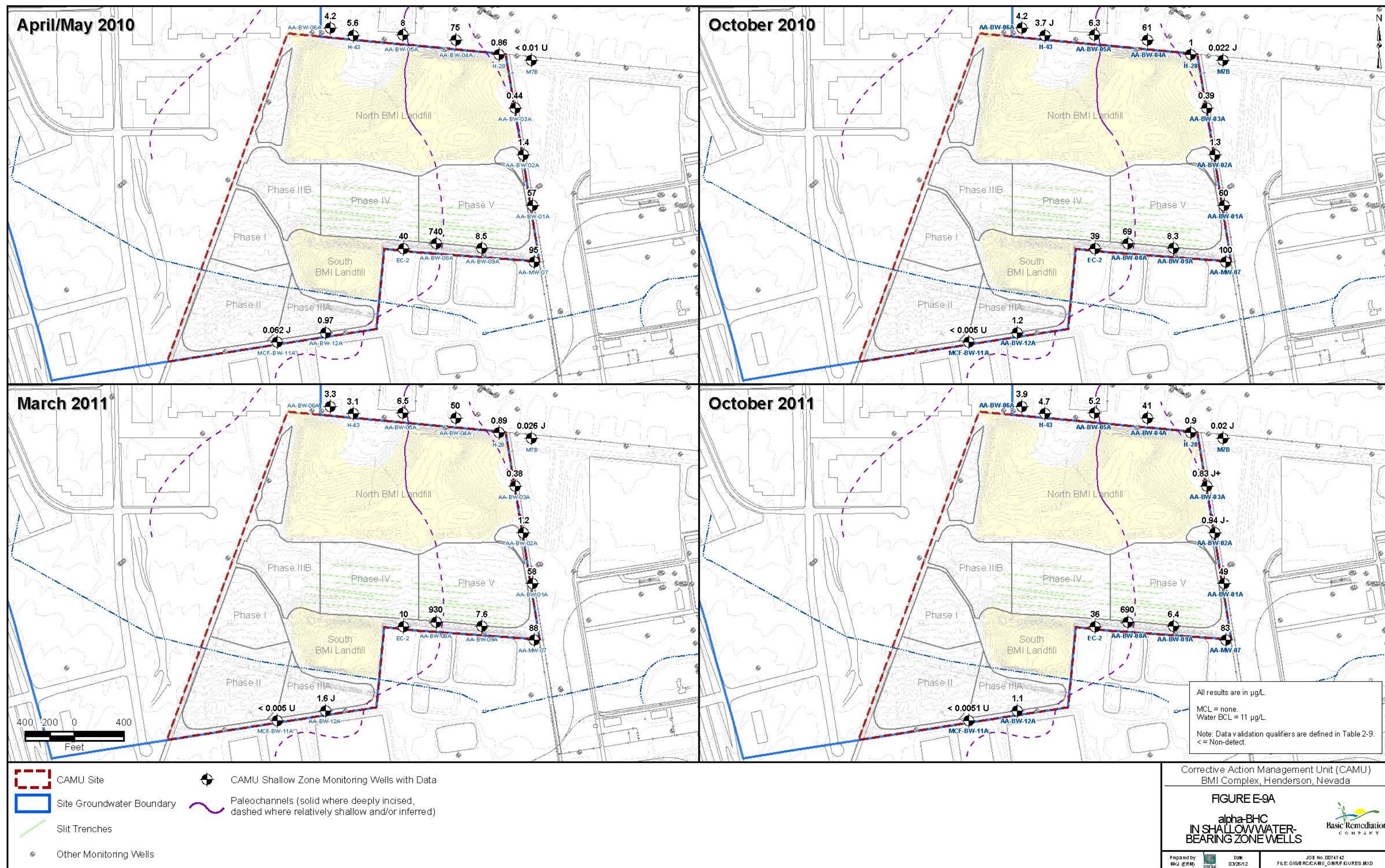


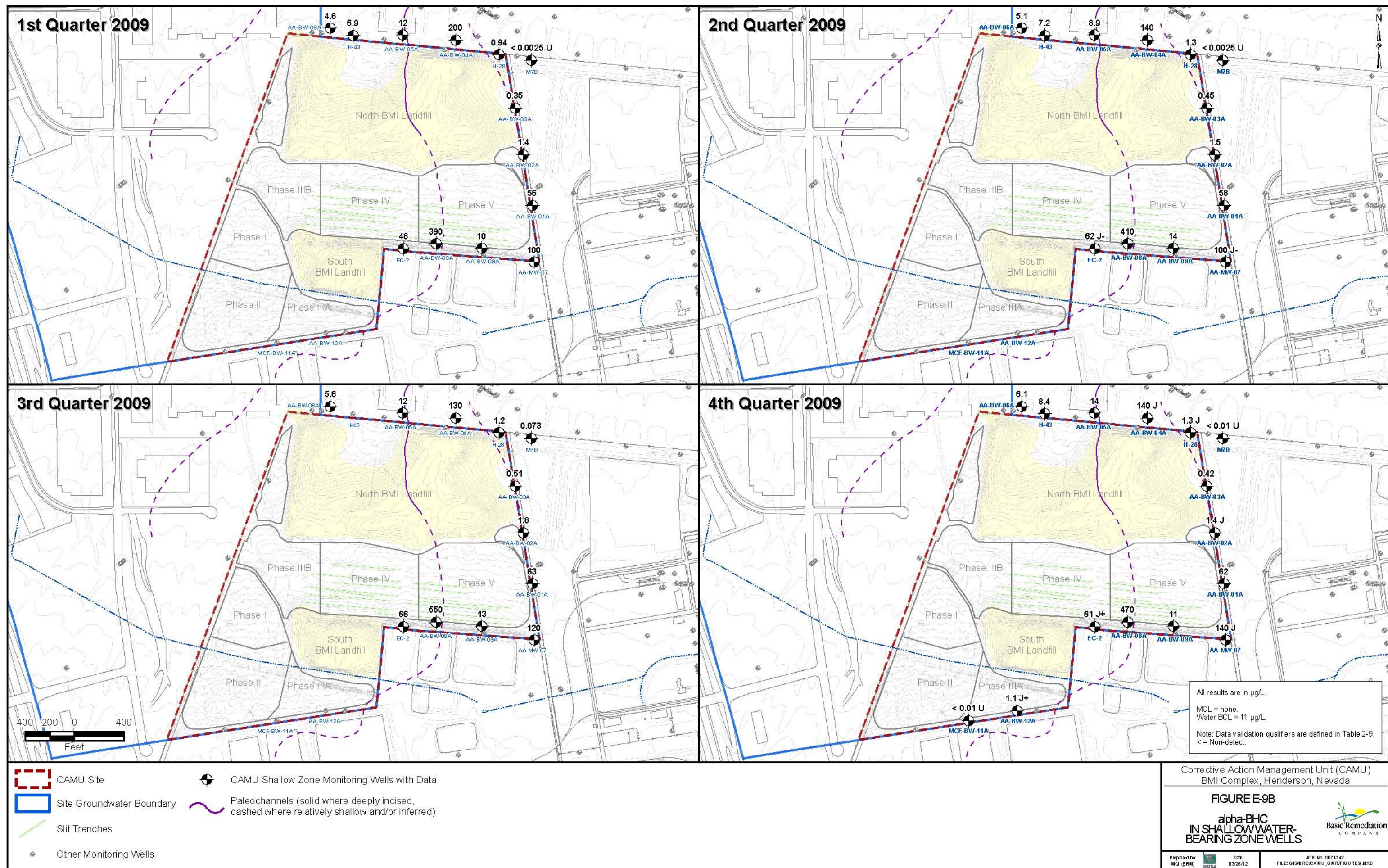
Date
03/26/12

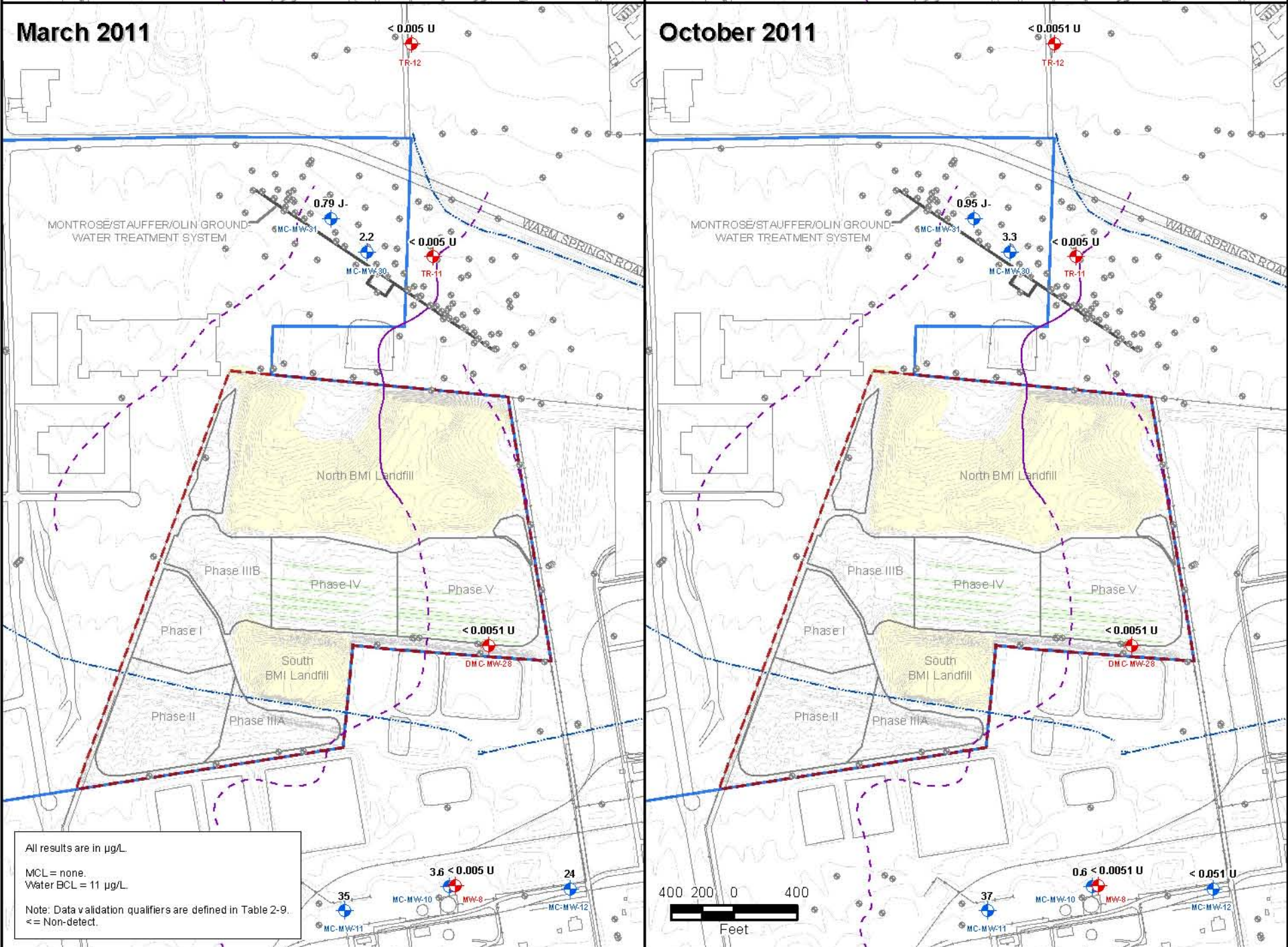
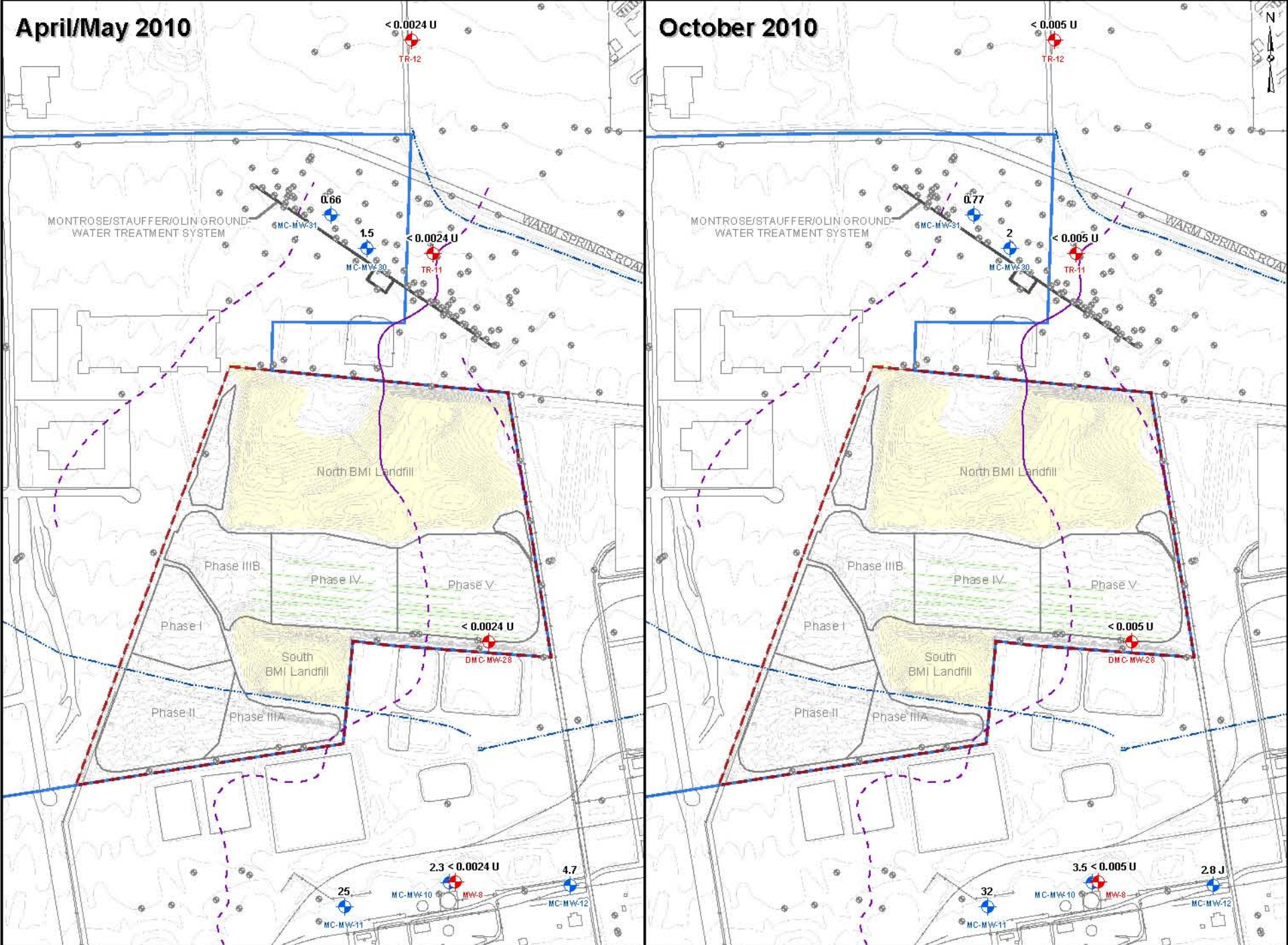


Job No. 0074742

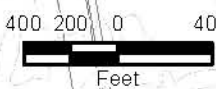
FILE: GIS/RC/CAMU_GMR/FIGURES.MXD







All results are in µg/L.
MCL = none.
Water BCL = 11 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
<= Non-detect.



CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

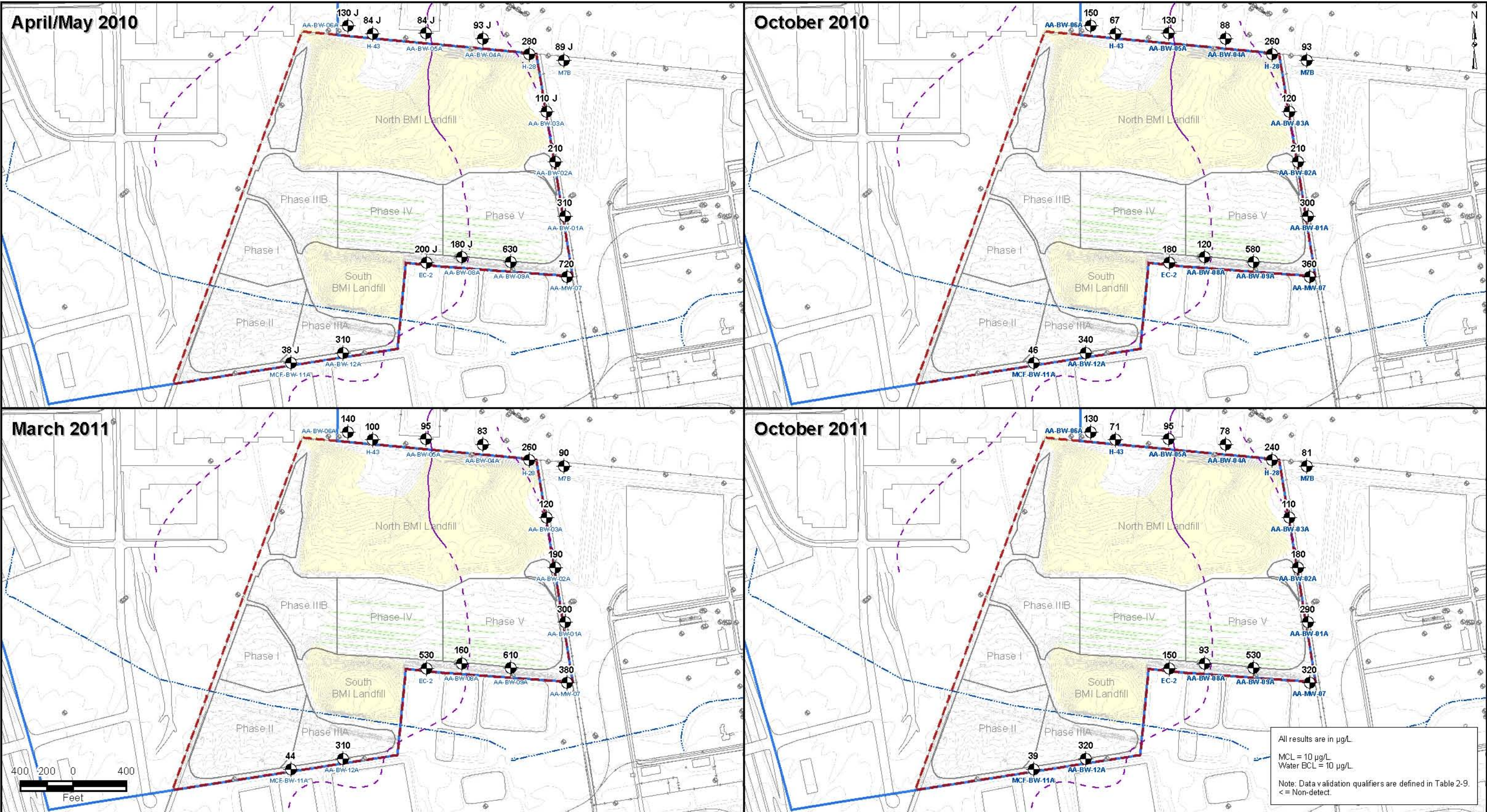
FIGURE E-9C

alpha-BHC
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

Prepared by
MKJ (ERM)

Date
03/26/12

JOB No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES.MXD

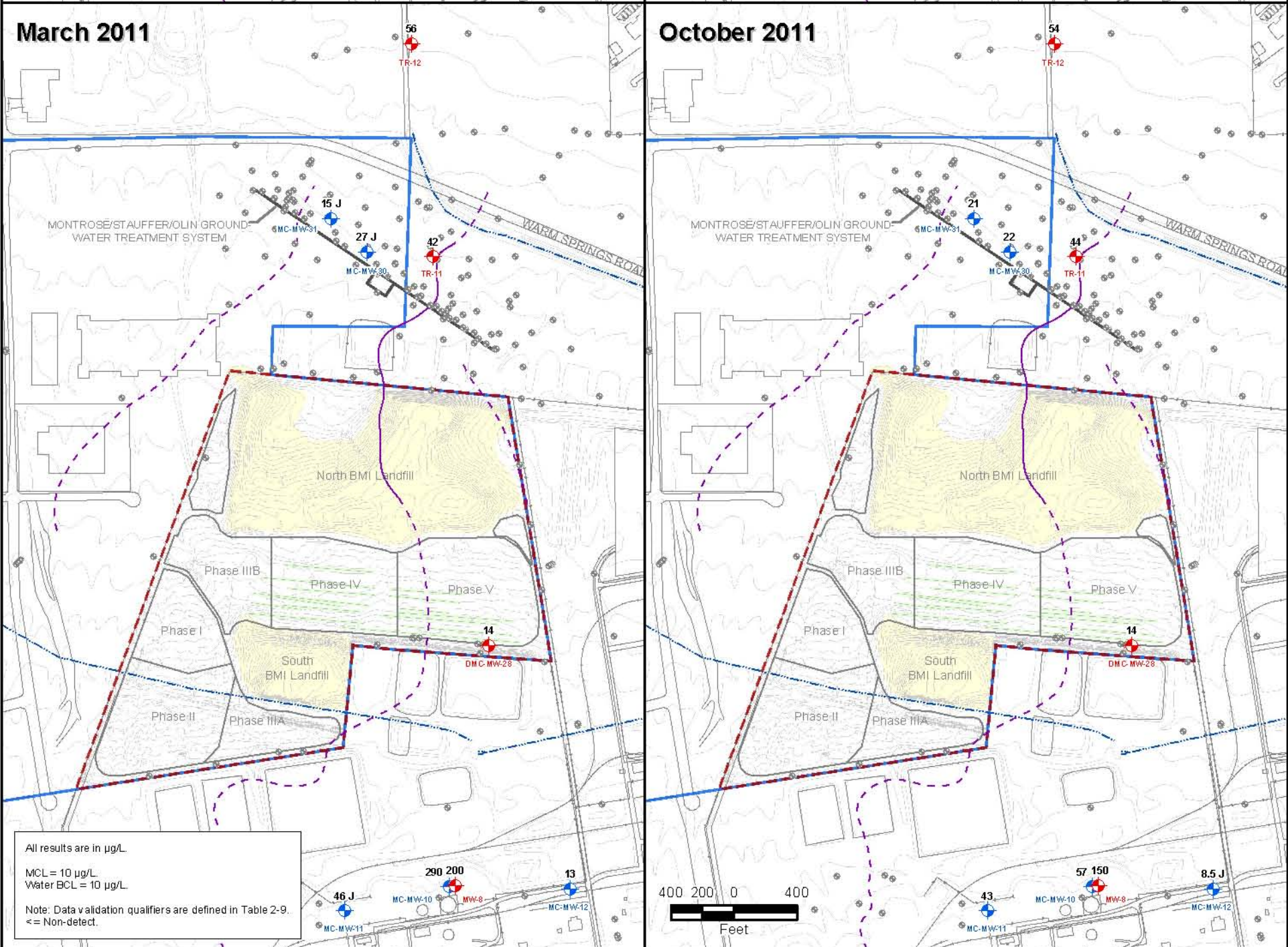
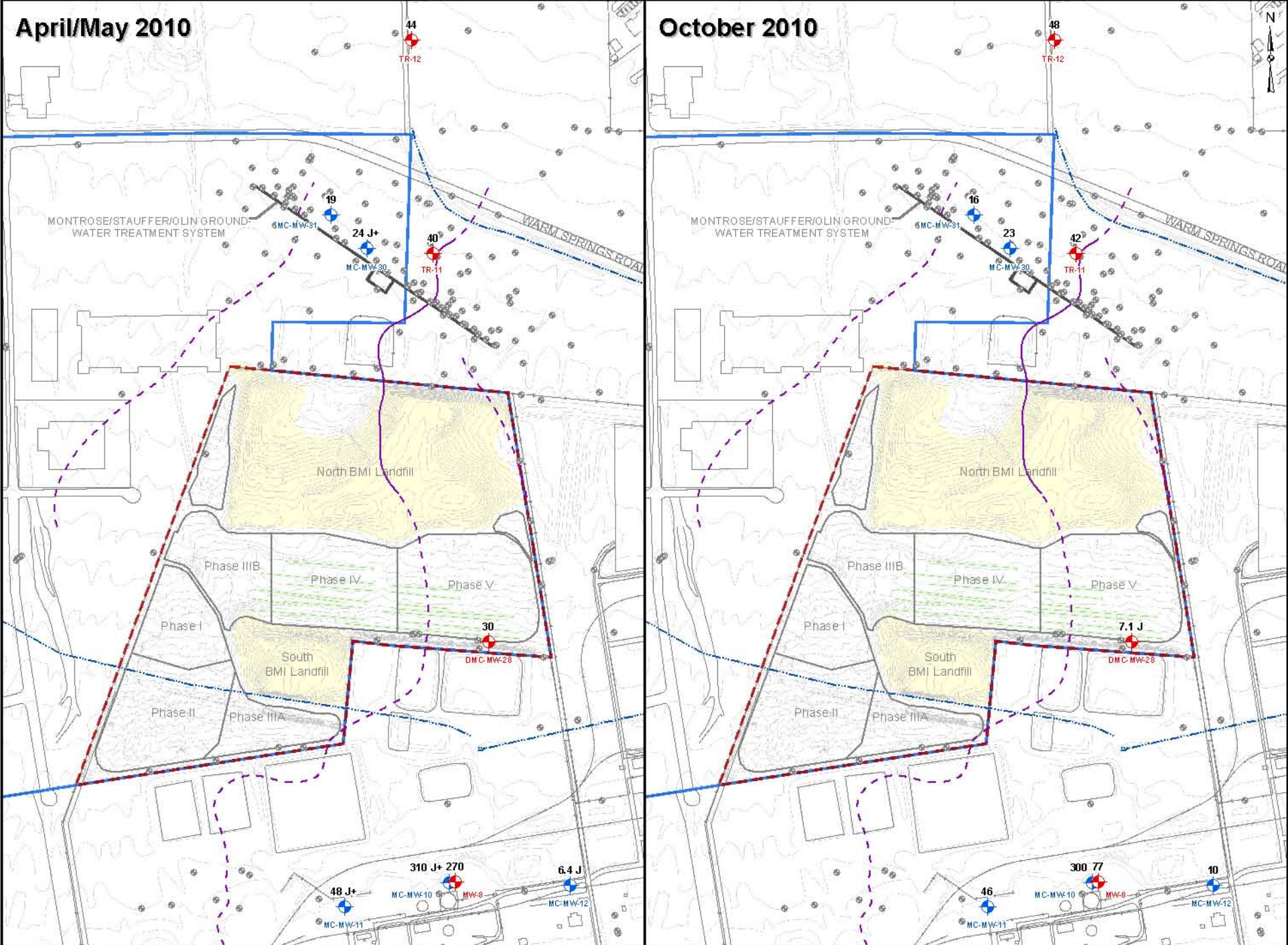


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BMI Complex, Henderson, Nevada

FIGURE E-10A
ARSENIC
IN SHALLOW WATER-BEARING ZONE WELLS

Prepared by: MKJ (ERM) Date: 03/26/12
JOB No. 0074742
FILE: GIS\BRCAMU_GMR\FIGURES\MXD





CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised,
dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

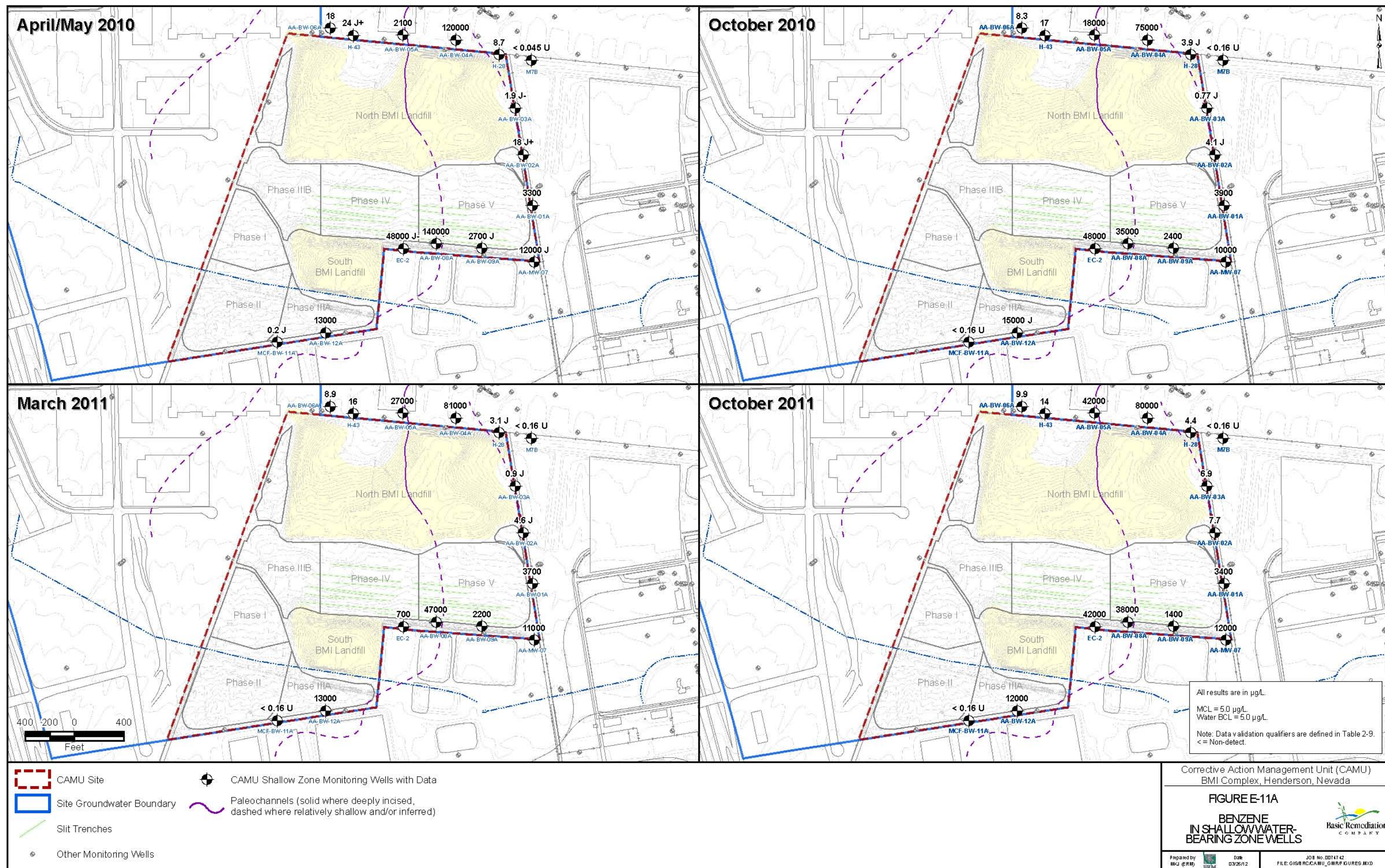
FIGURE E-10C

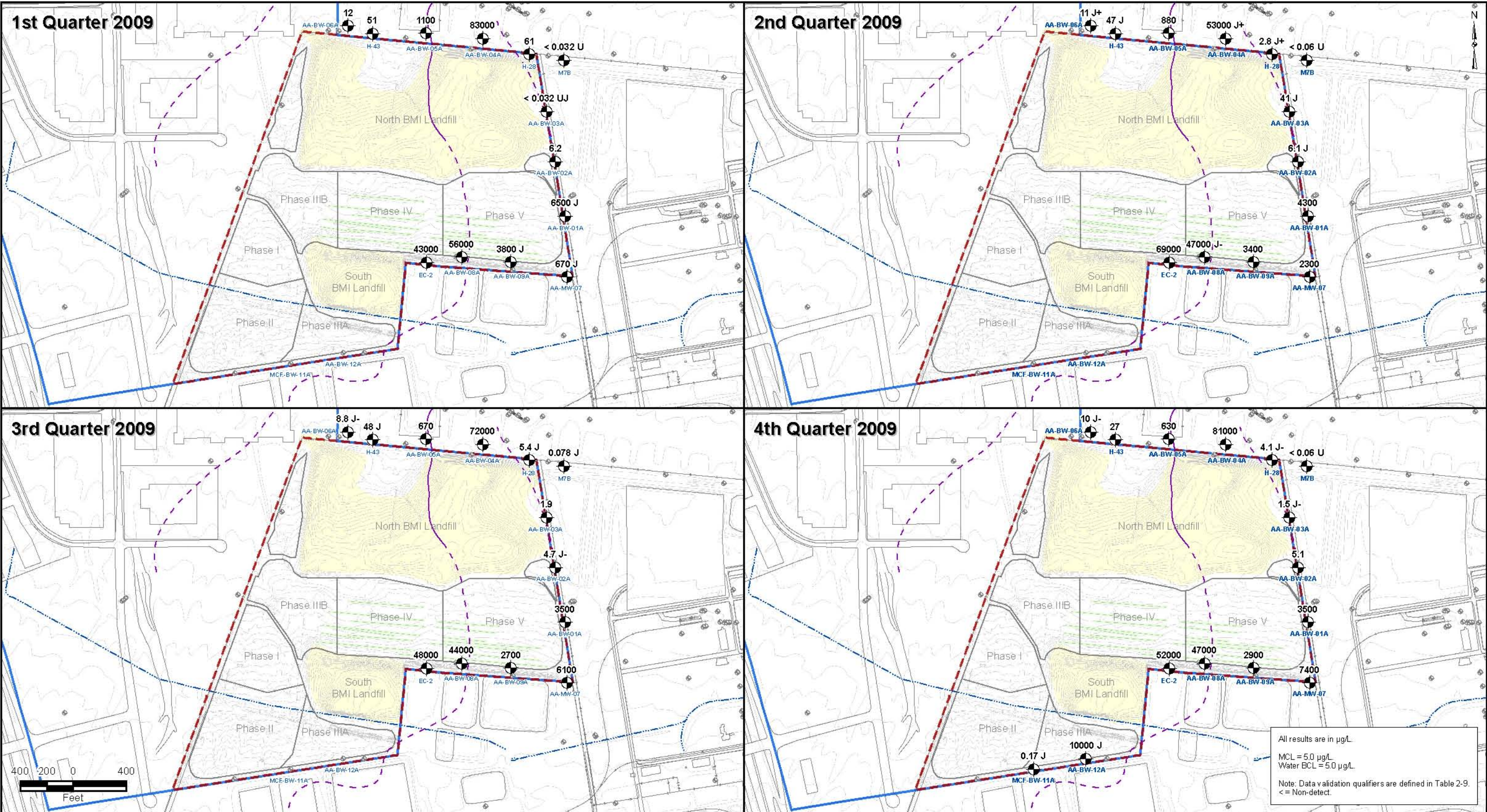
ARSENIC
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS

Prepared by
MKJ (ERM)

Date
03/26/12

JOB No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES.MXD





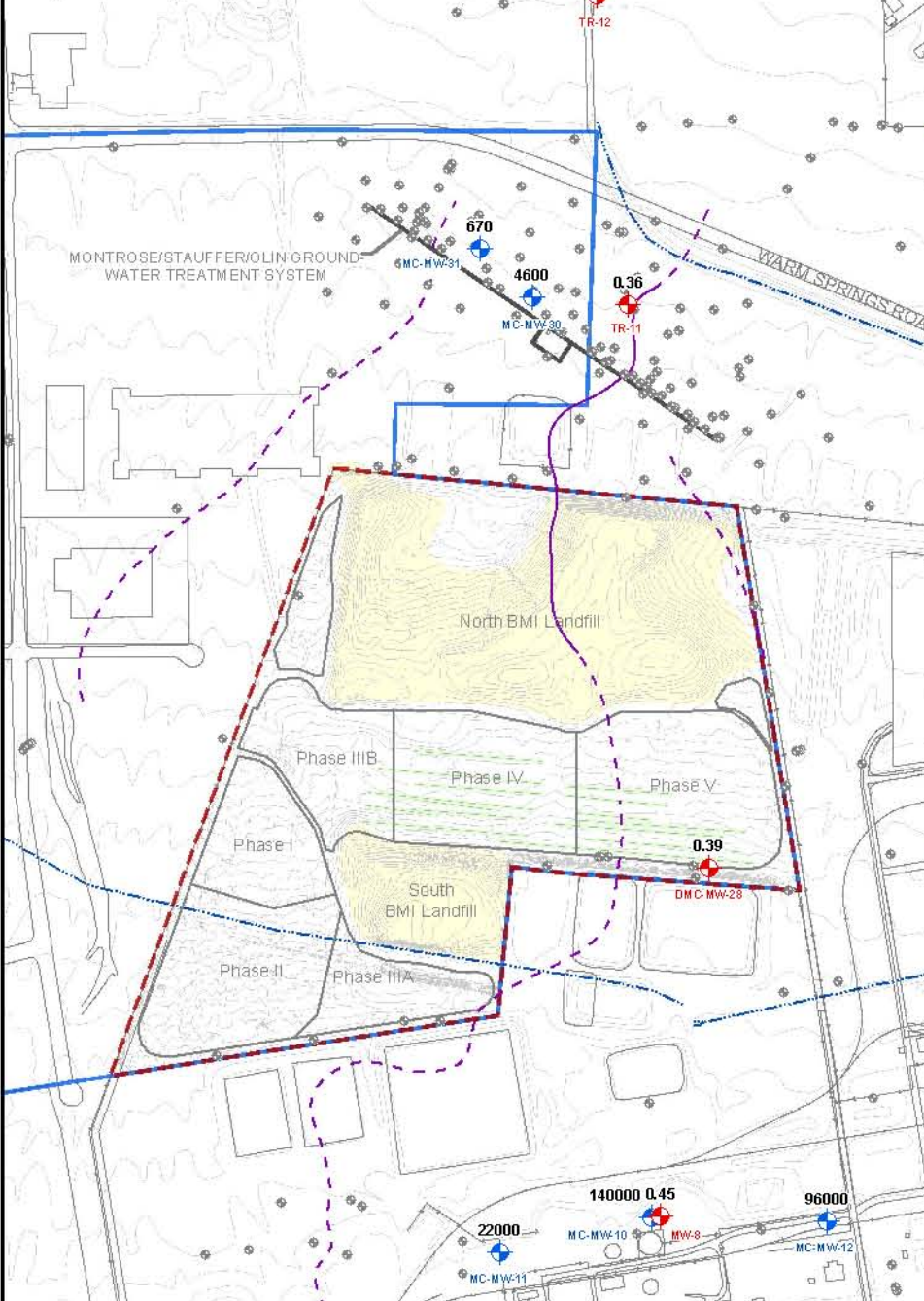
- CAMU Site
- Site Groundwater Boundary
- Slit Trenches
- Other Monitoring Wells
- CAMU Shallow Zone Monitoring Wells with Data
- Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

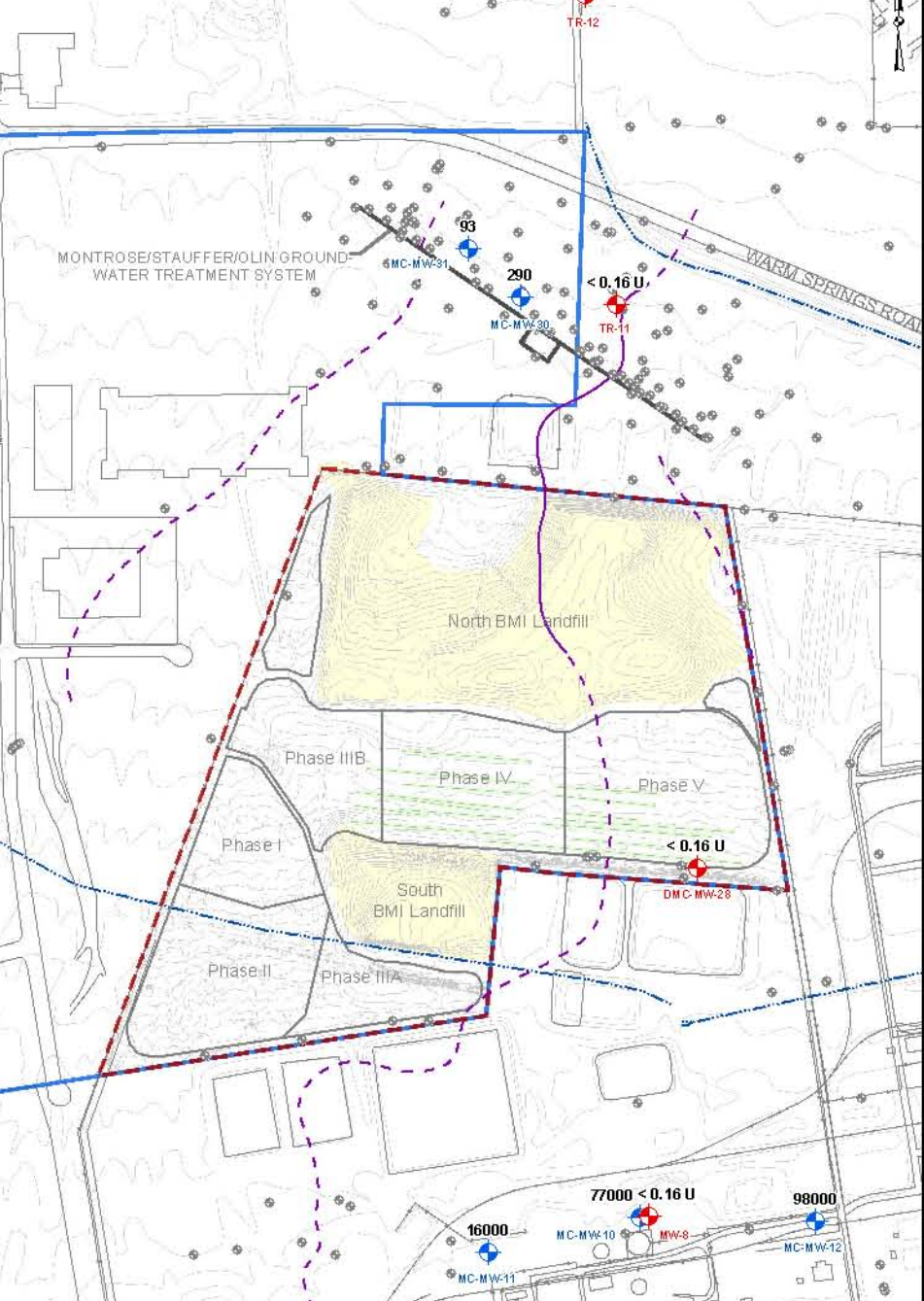
FIGURE E-11B
BENZENE
IN SHALLOW WATER-BEARING ZONE WELLS



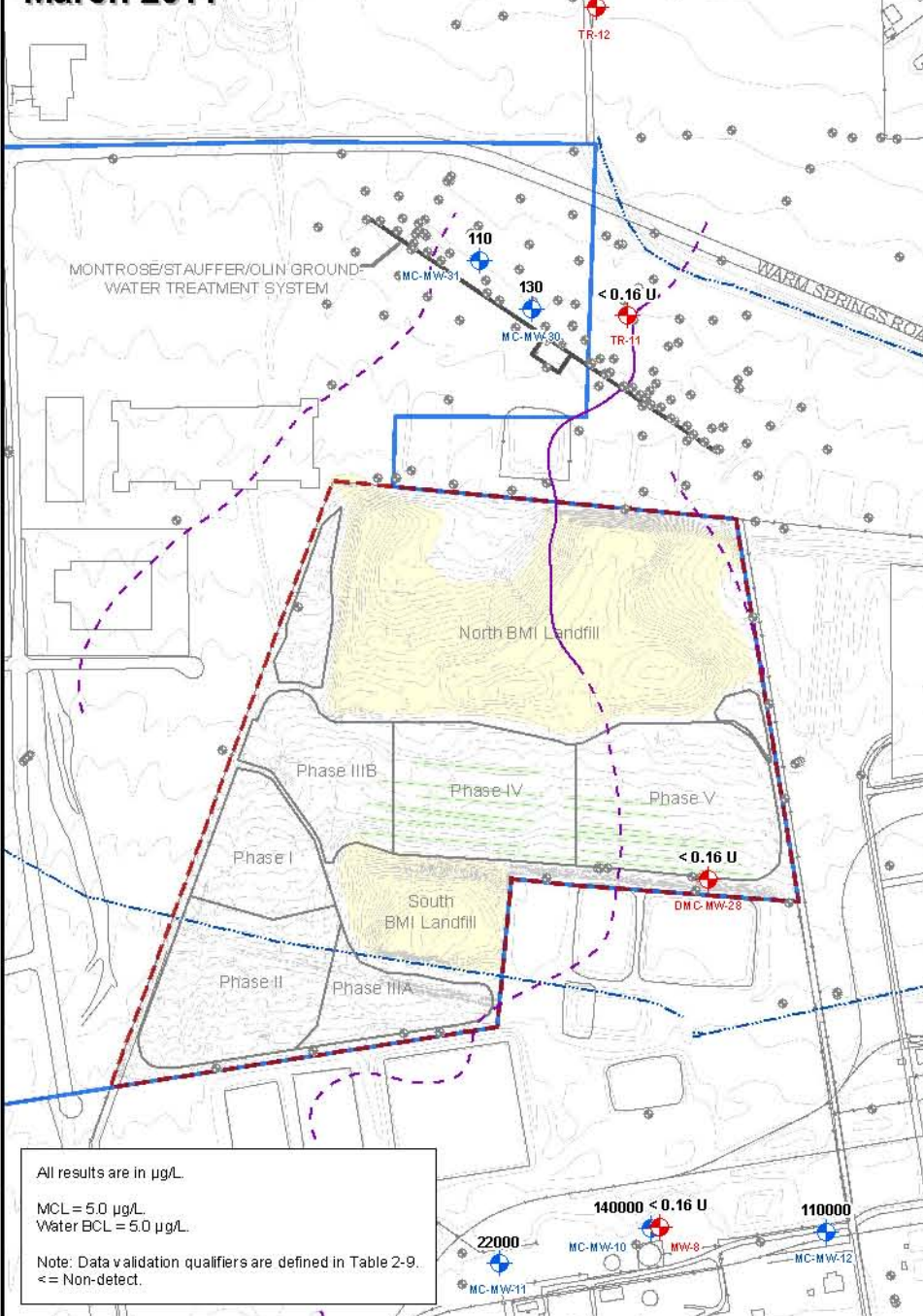
April/May 2010



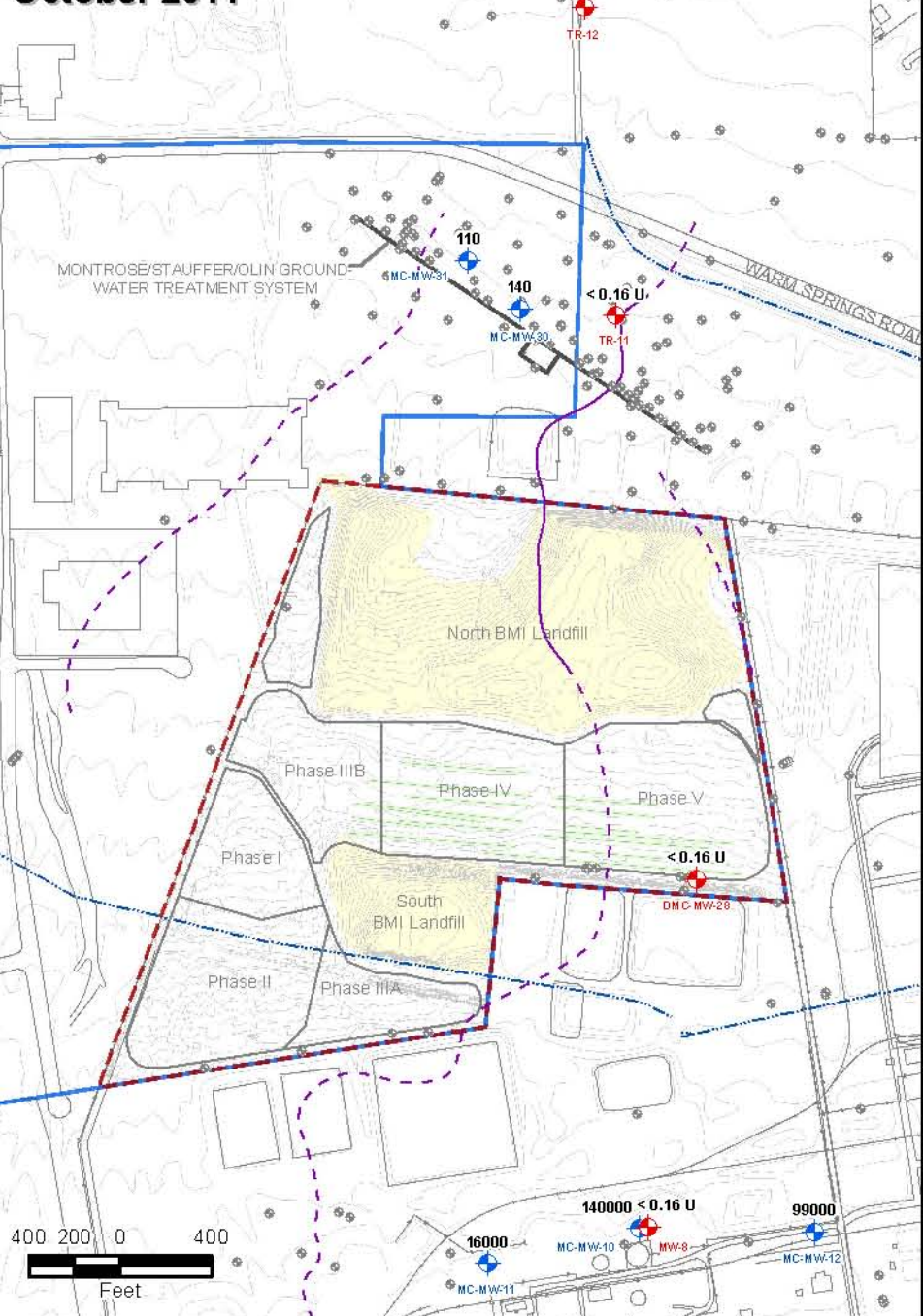
October 2010



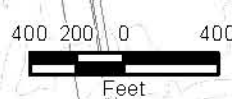
March 2011



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All results are in µg/L.
MCL = 5.0 µg/L.
Water BCL = 5.0 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
< = Non-detect.



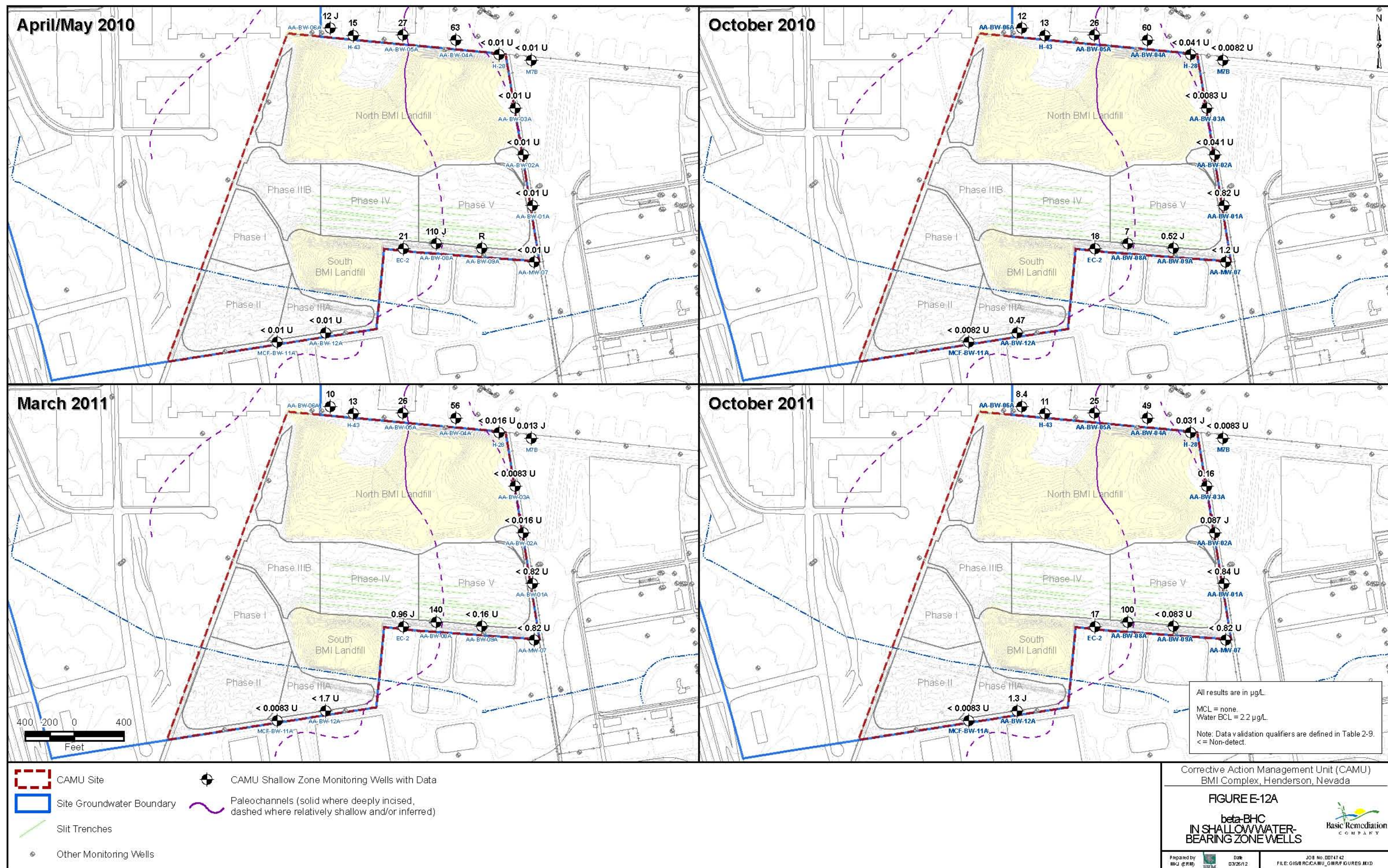
CAMU Site	CAMU Deep Zone Monitoring Wells with Data
Site Groundwater Boundary	CAMU Middle Zone Monitoring Wells with Data
Slit Trenches	Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)
Other Monitoring Wells	

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

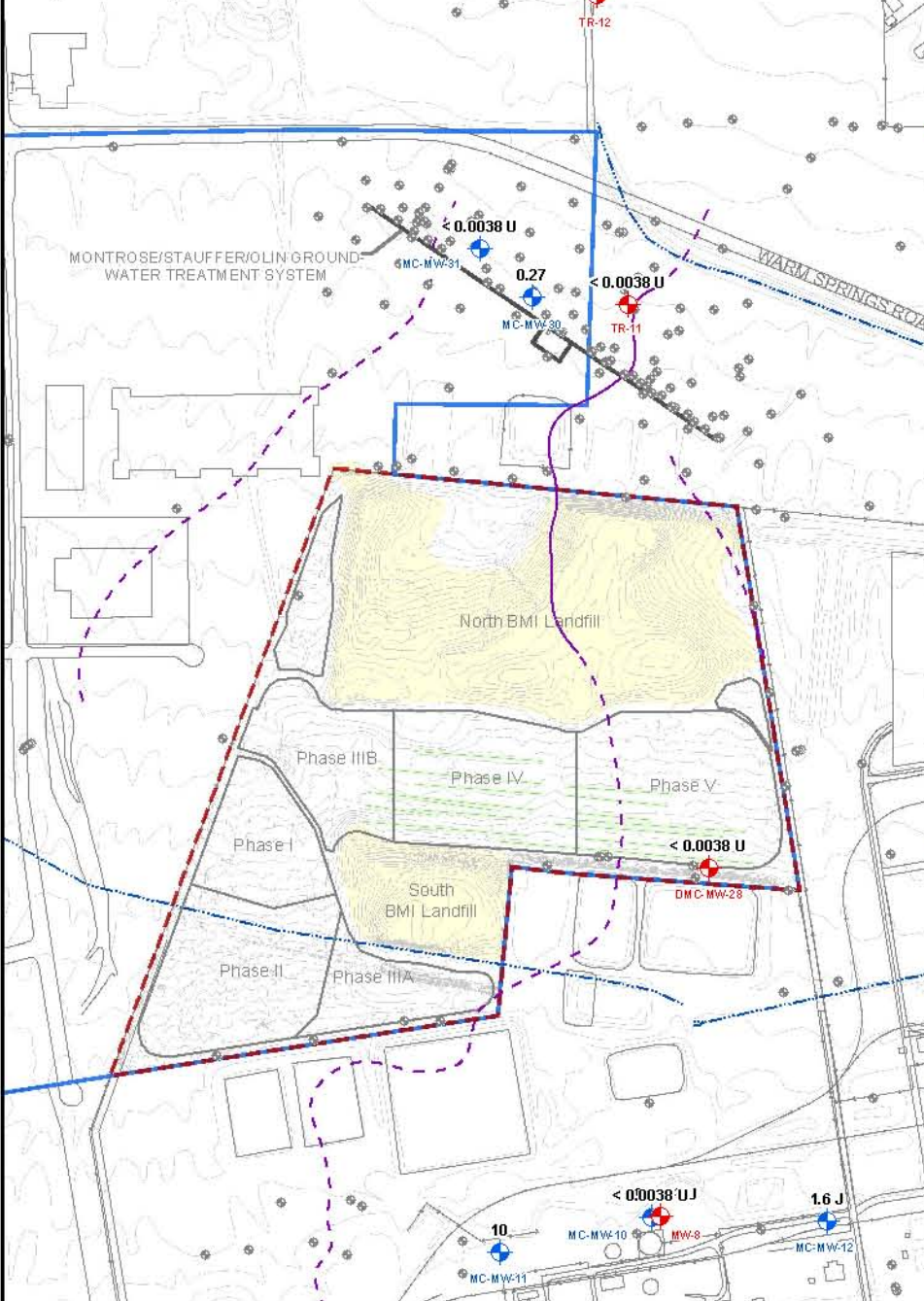
FIGURE E-11C
BENZENE
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

Prepared by: MKJ (ERM) Date: 03/26/12 JOB No. 0074742 FILE: GIS/RC/CAMU_GMR/FIGURES.MXD

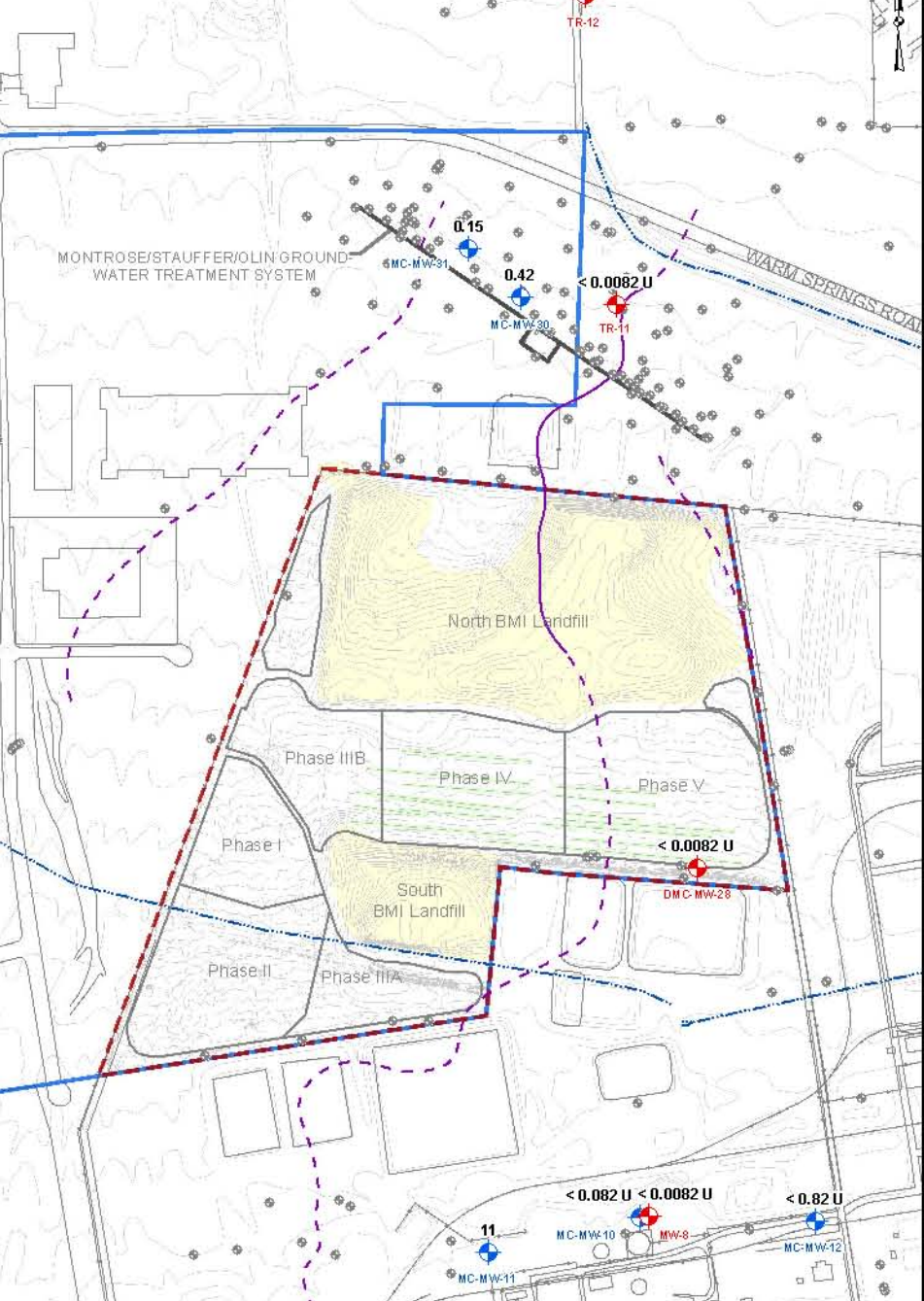
Basic Remediation Company



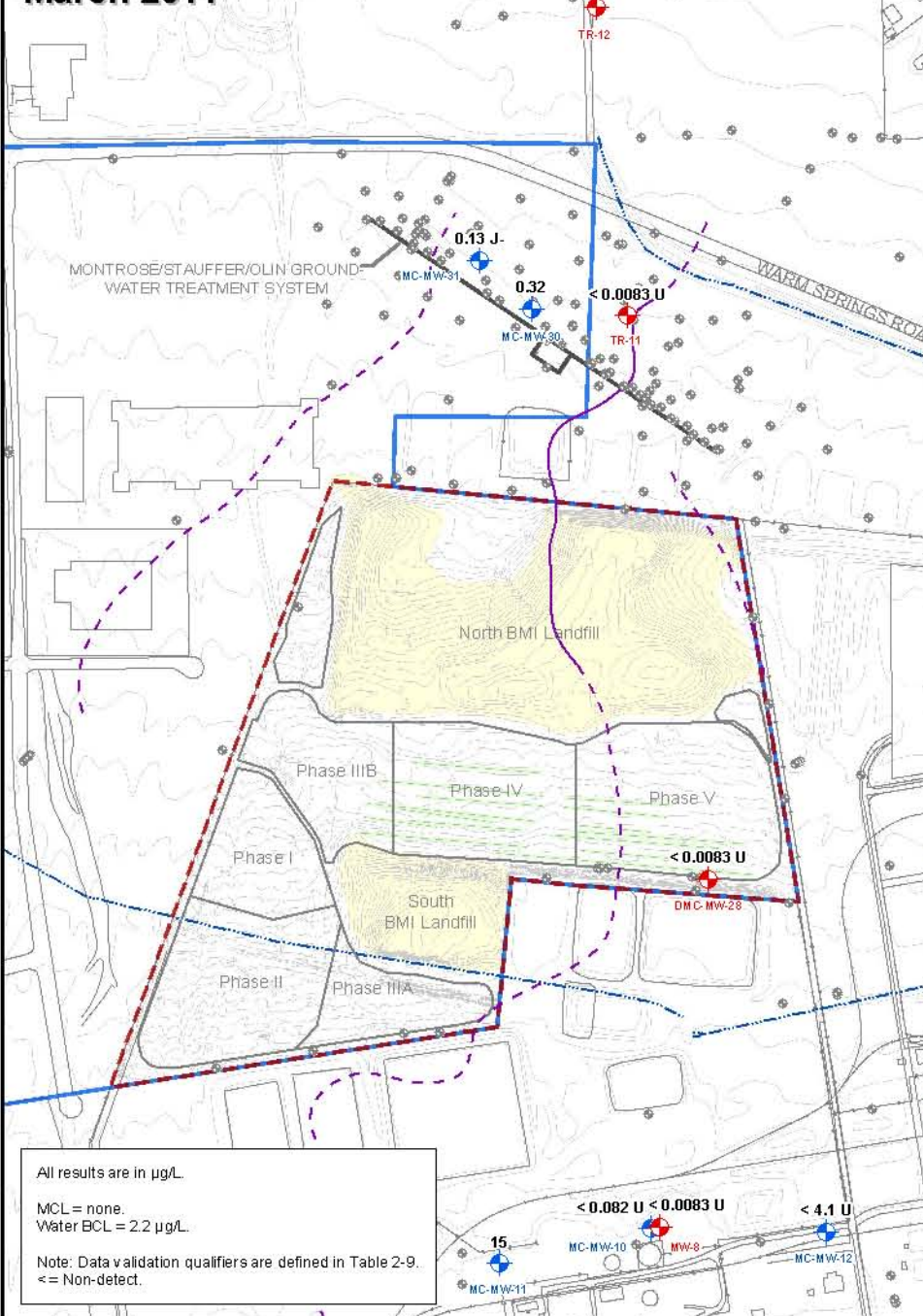
April/May 2010



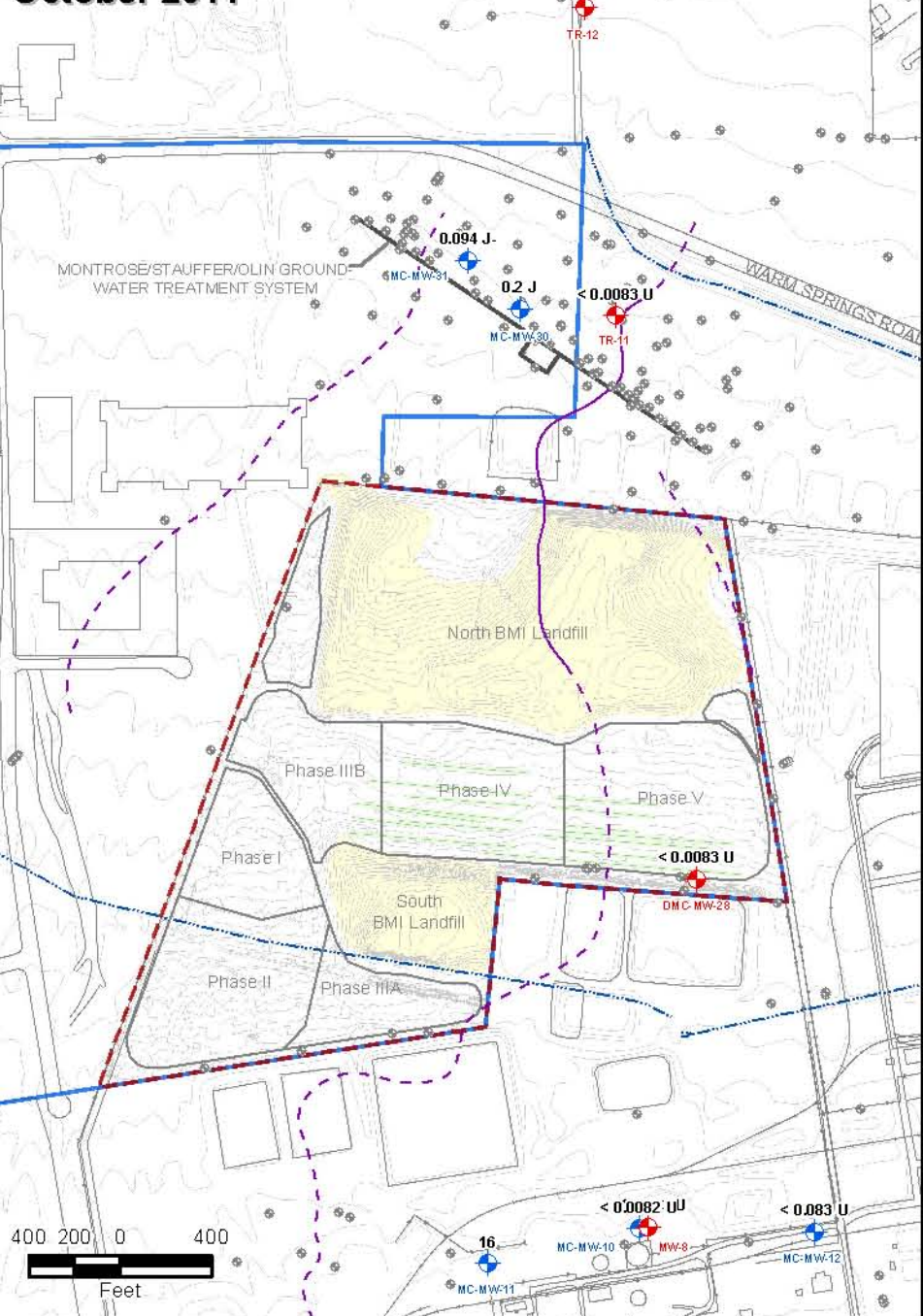
October 2010



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CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

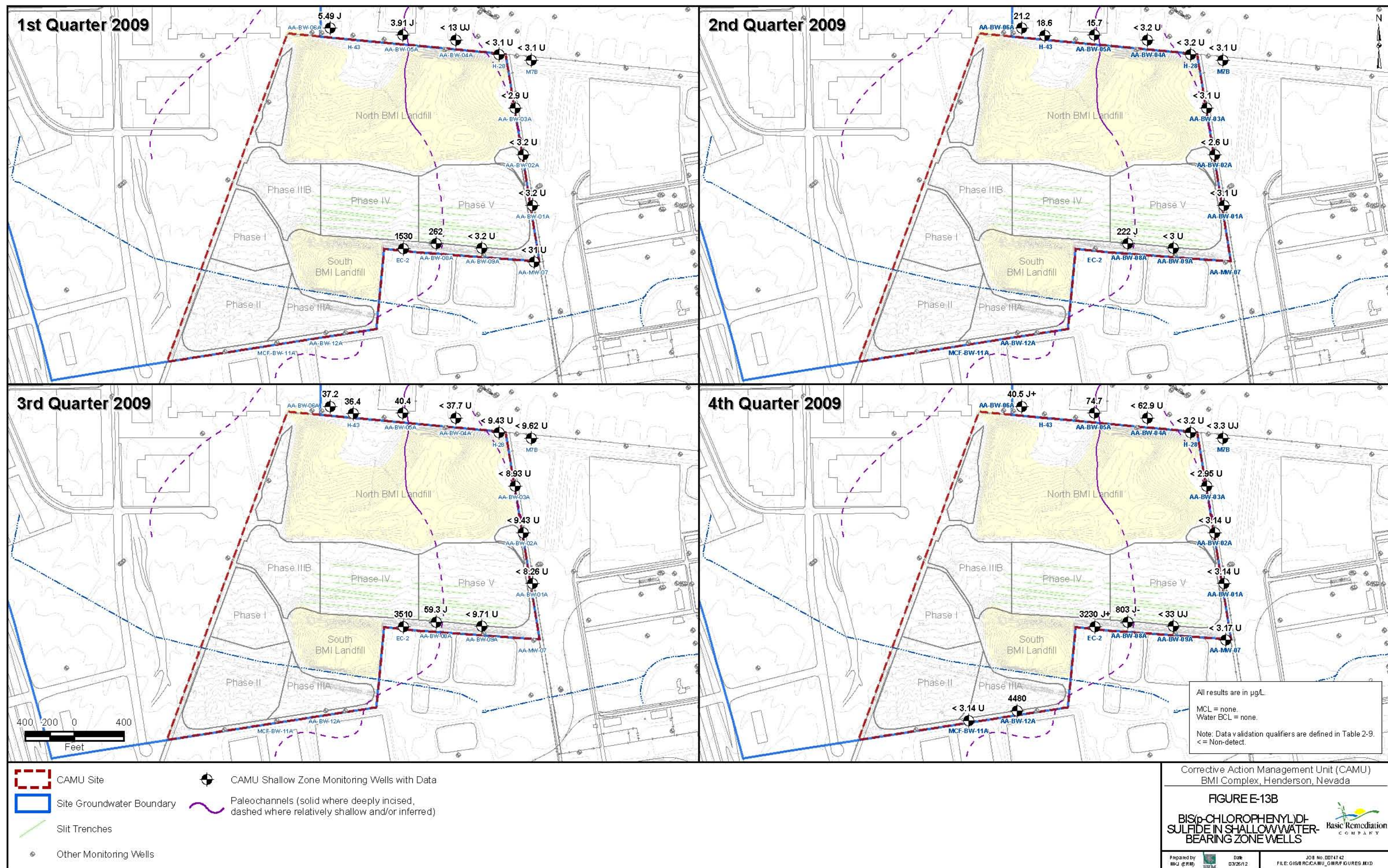
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

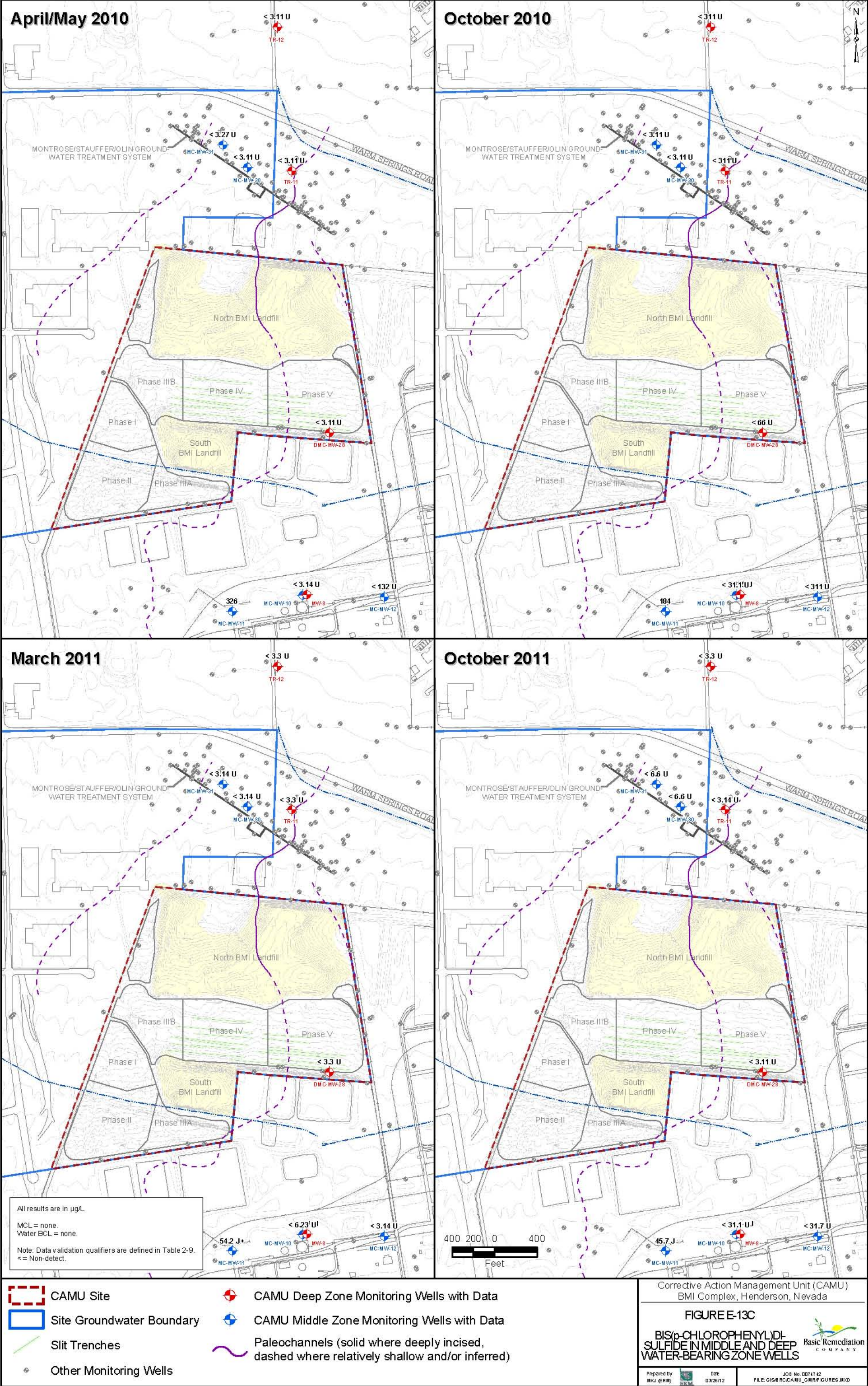
FIGURE E-12C
beta-BHC
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

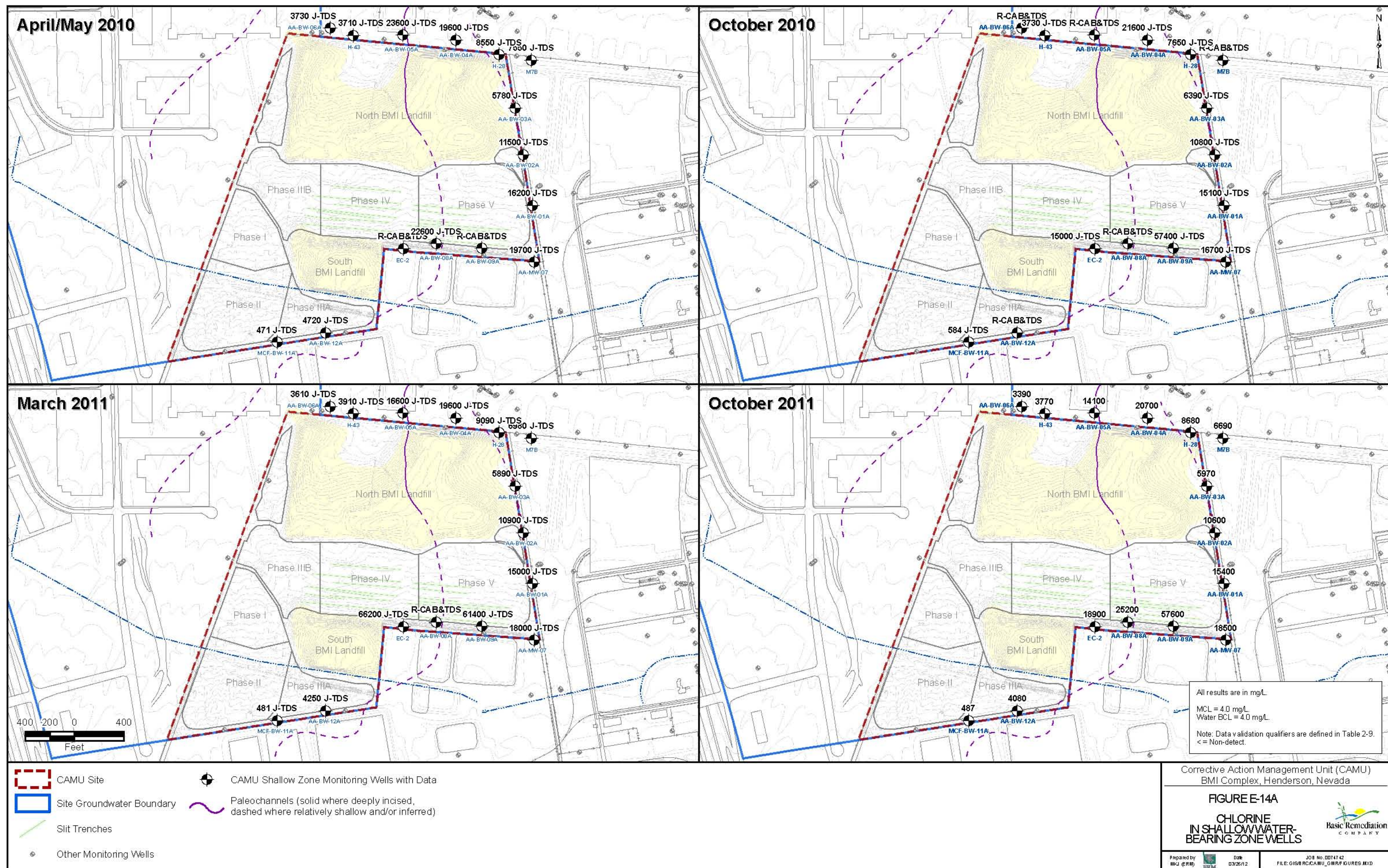
Prepared by
MKJ (ERM)

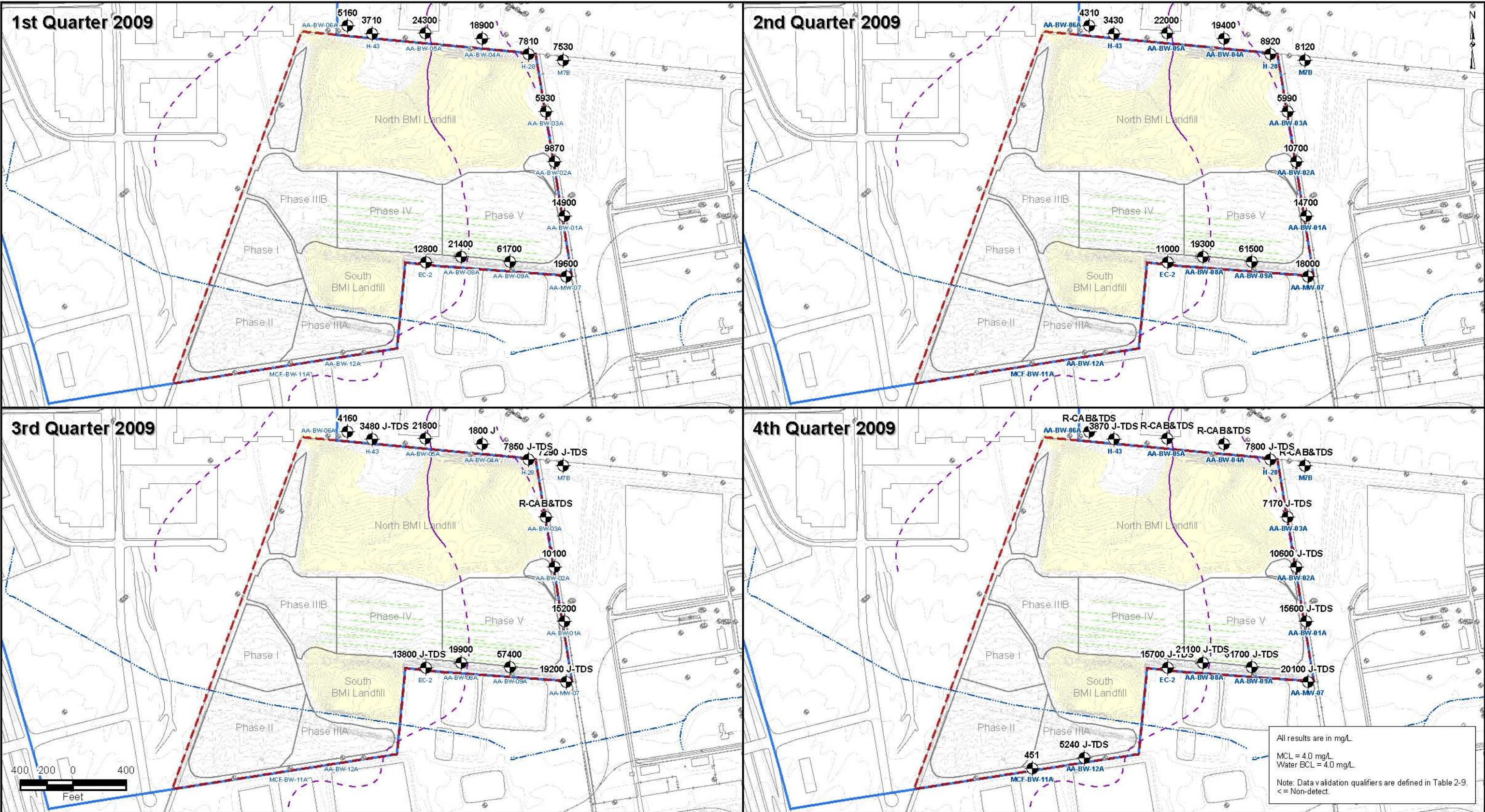
Date
03/26/12

JOB No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES.MXD









Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-14B

CHLORINE
IN SHALLOW WATER-
BEARING ZONE WELLS

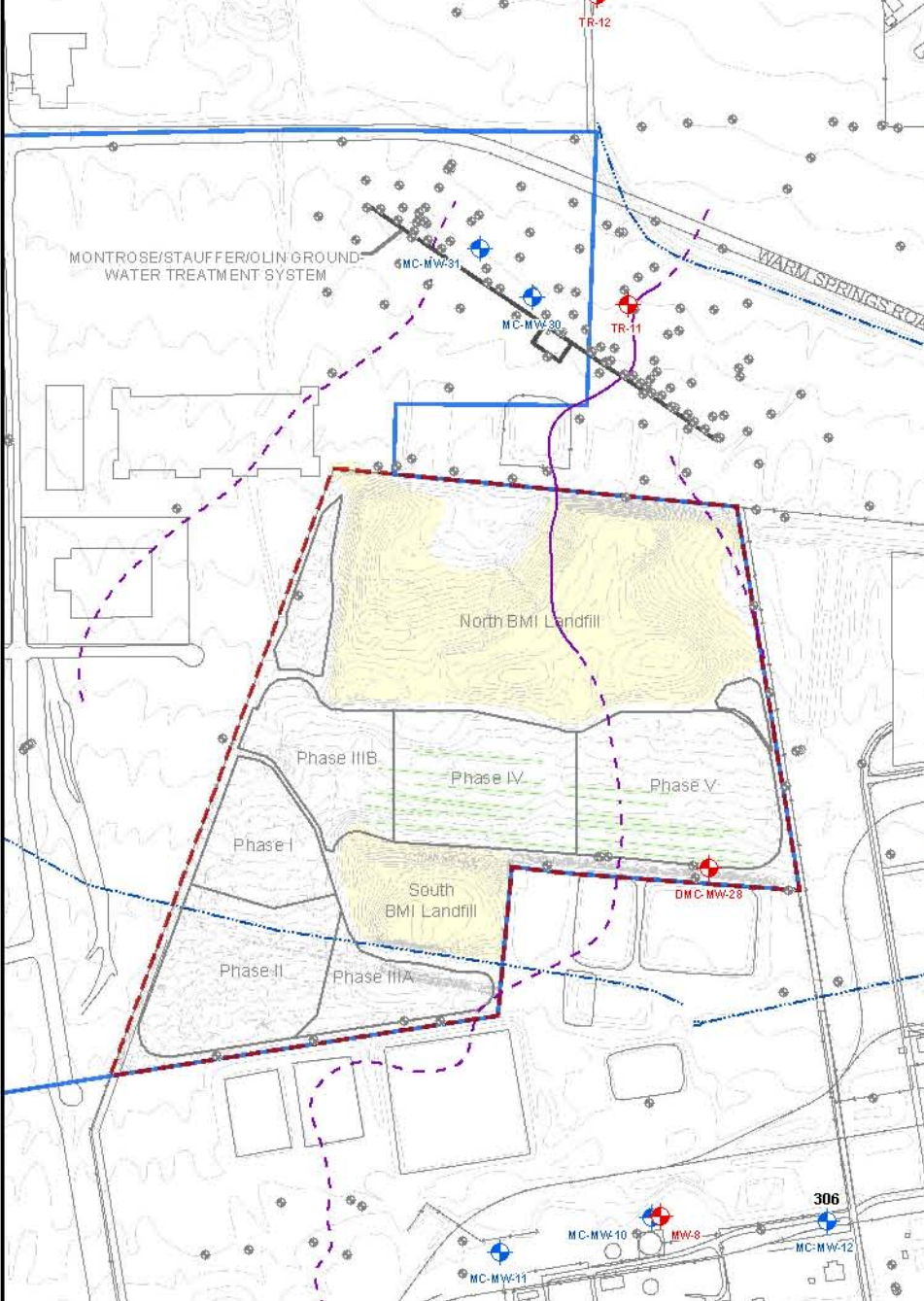


Prepared by
MKJ (ERM)

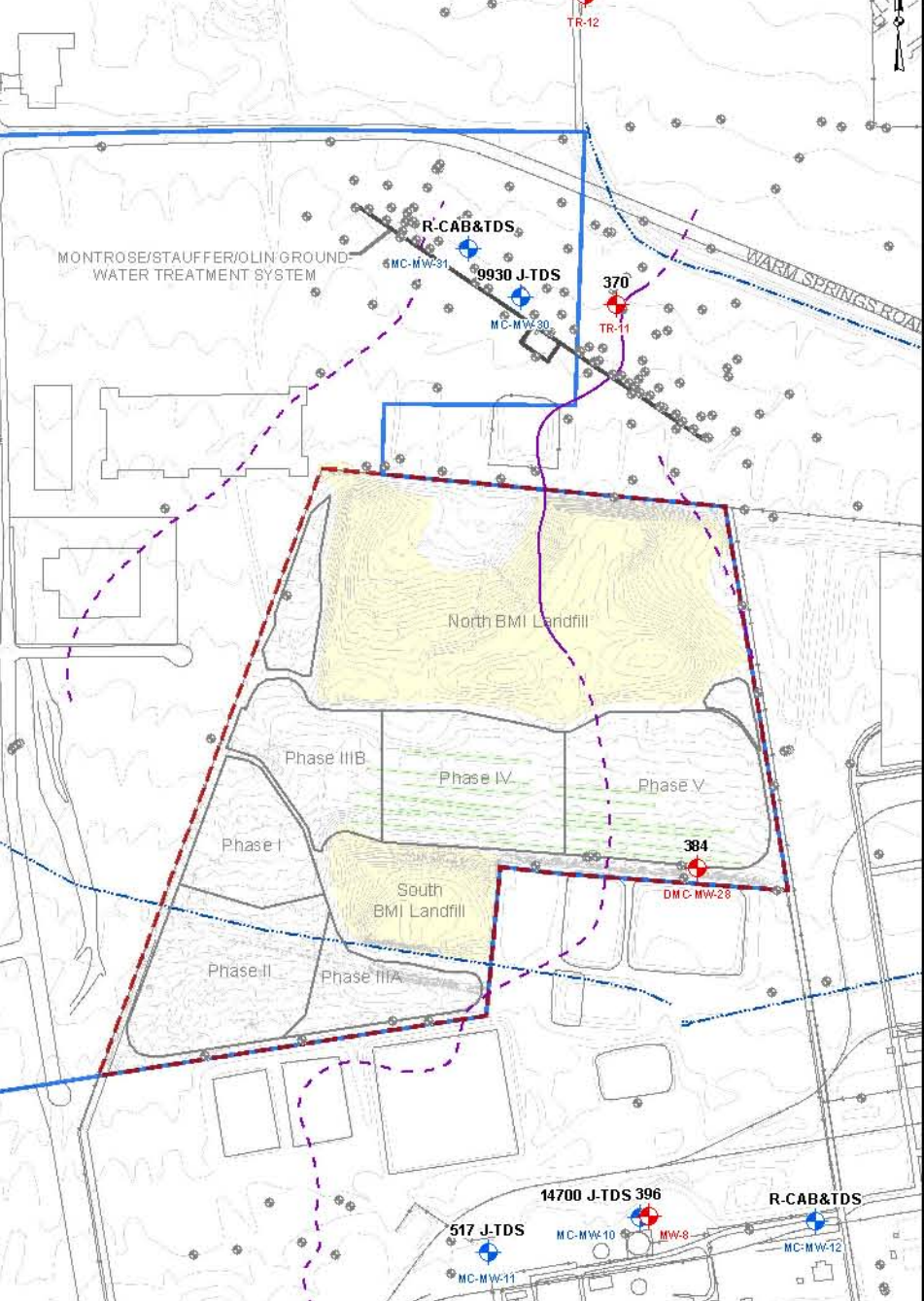
Date
03/26/12

Job No. 0074742
File: GIS\BRCAMU_GMR\FIGURES\MXD

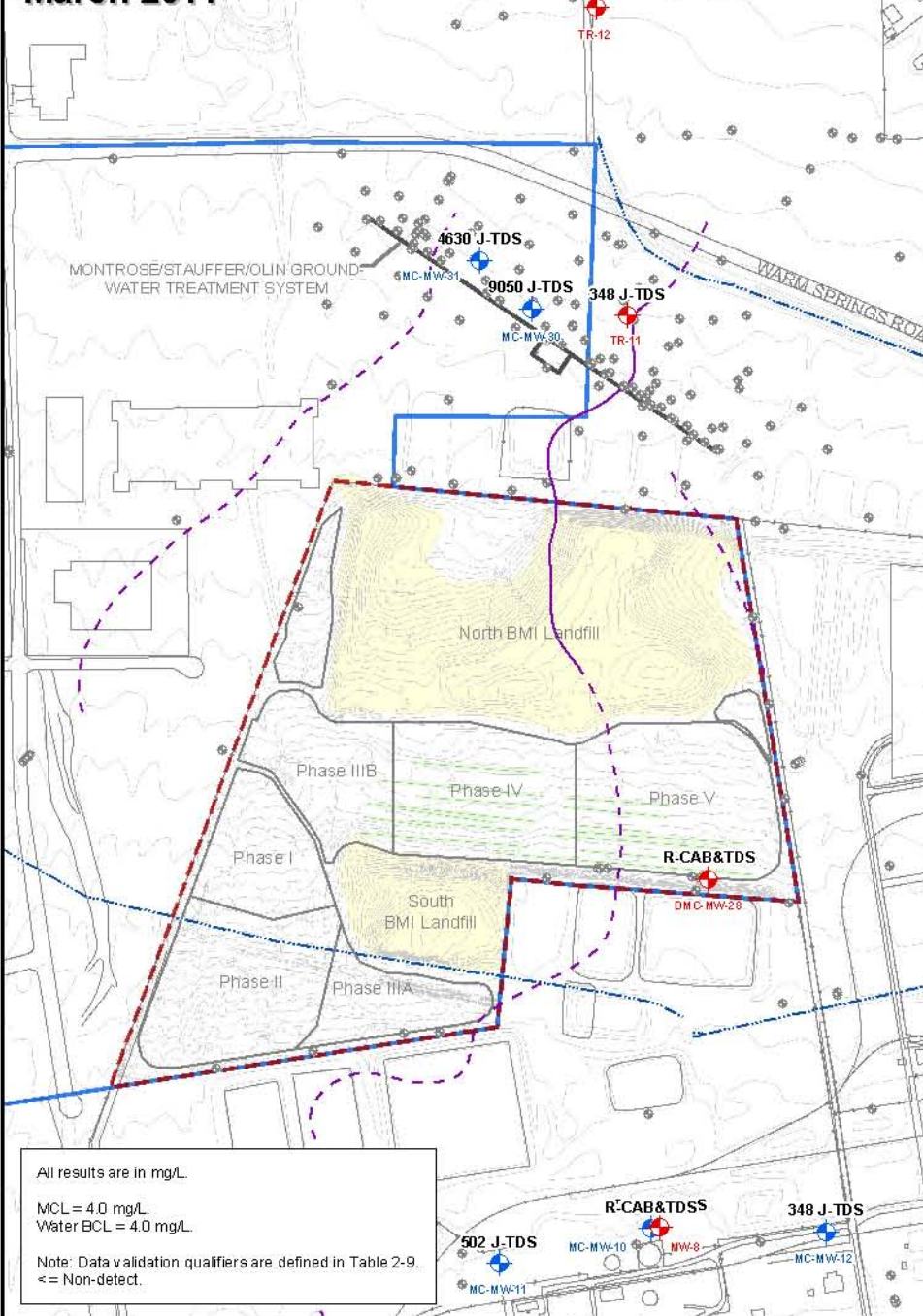
April/May 2010



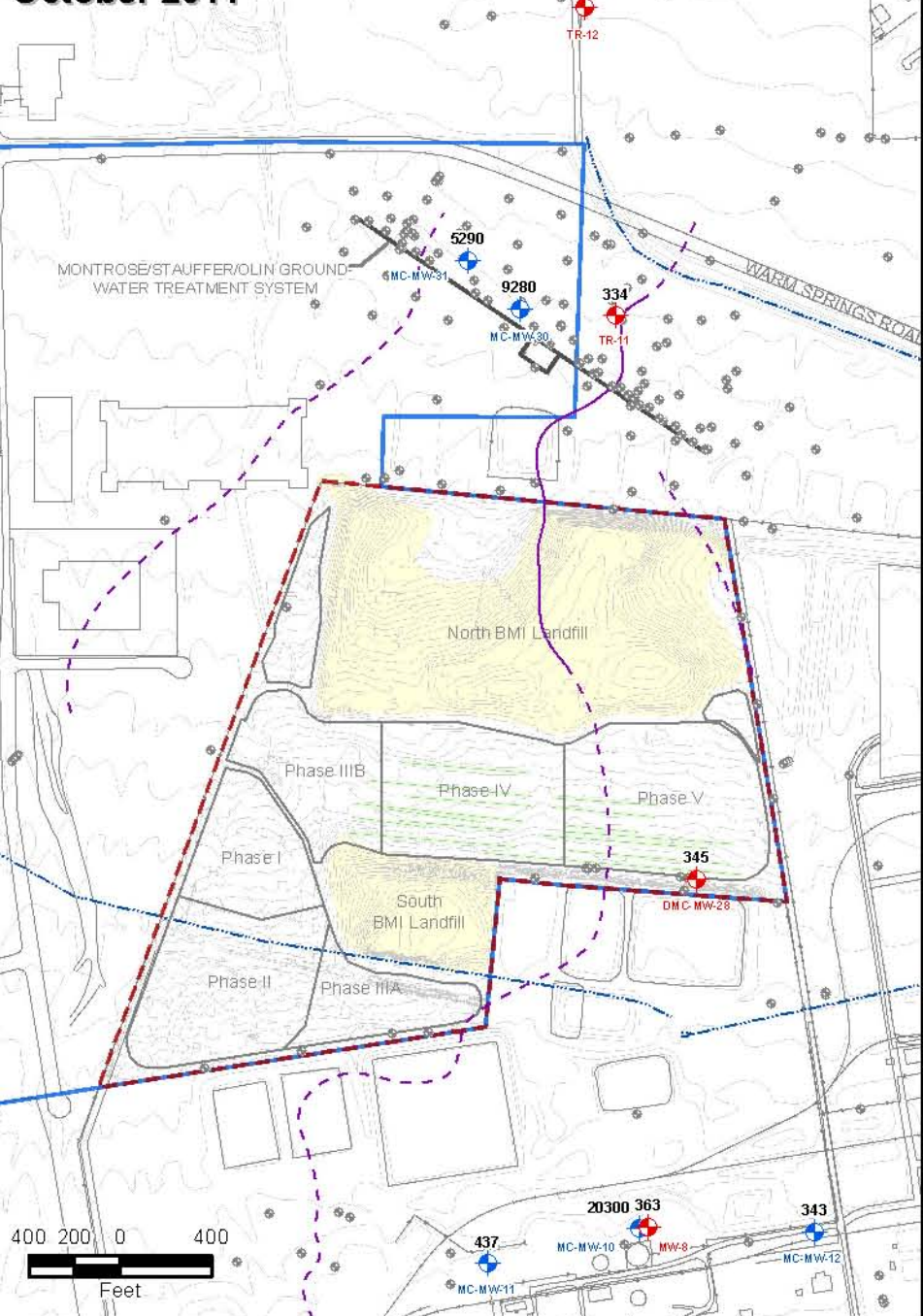
October 2010



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All results are in mg/L.
MCL = 4.0 mg/L.
Water BCL = 4.0 mg/L.
Note: Data validation qualifiers are defined in Table 2-9.
≤ Non-detect.

CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

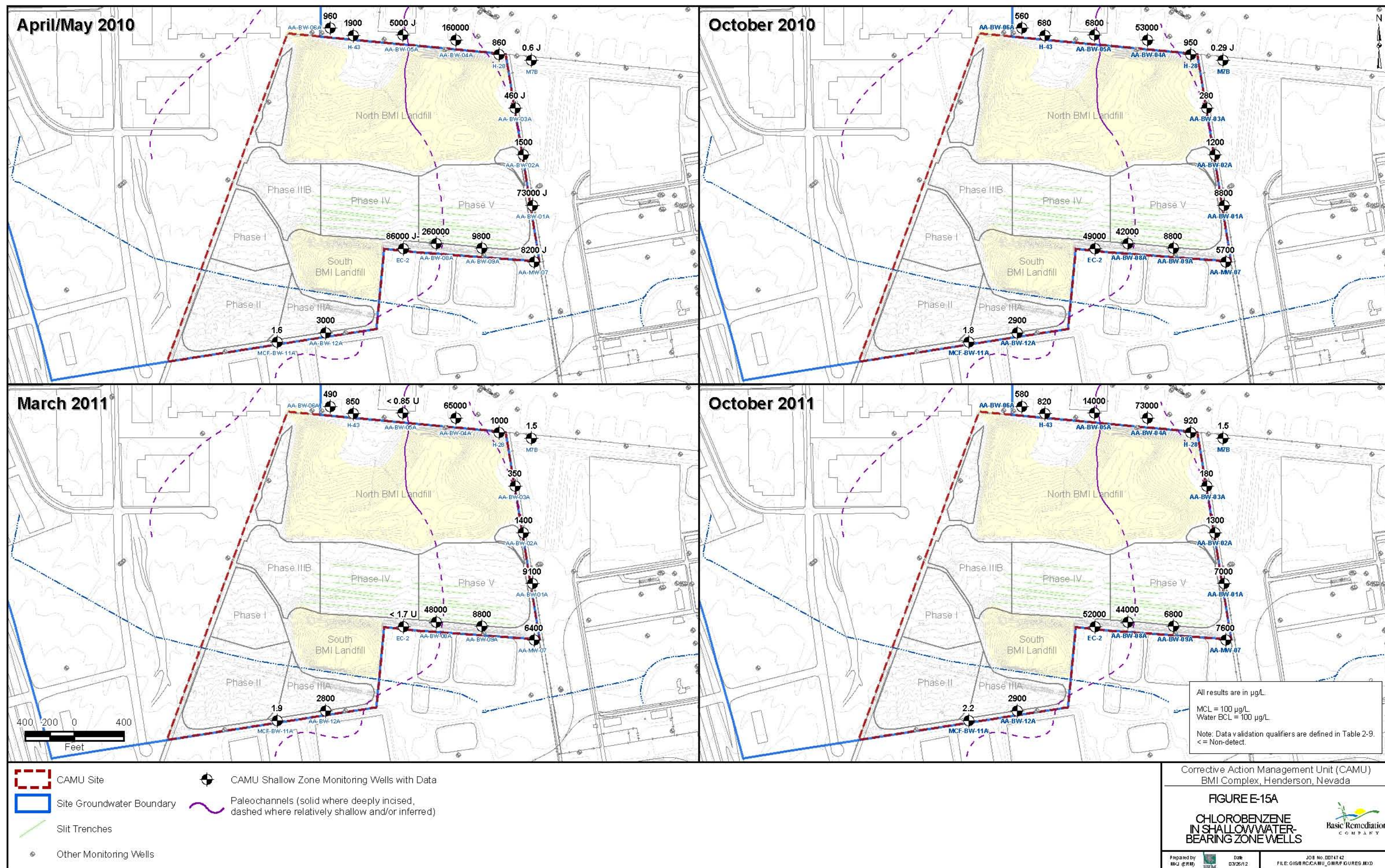
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

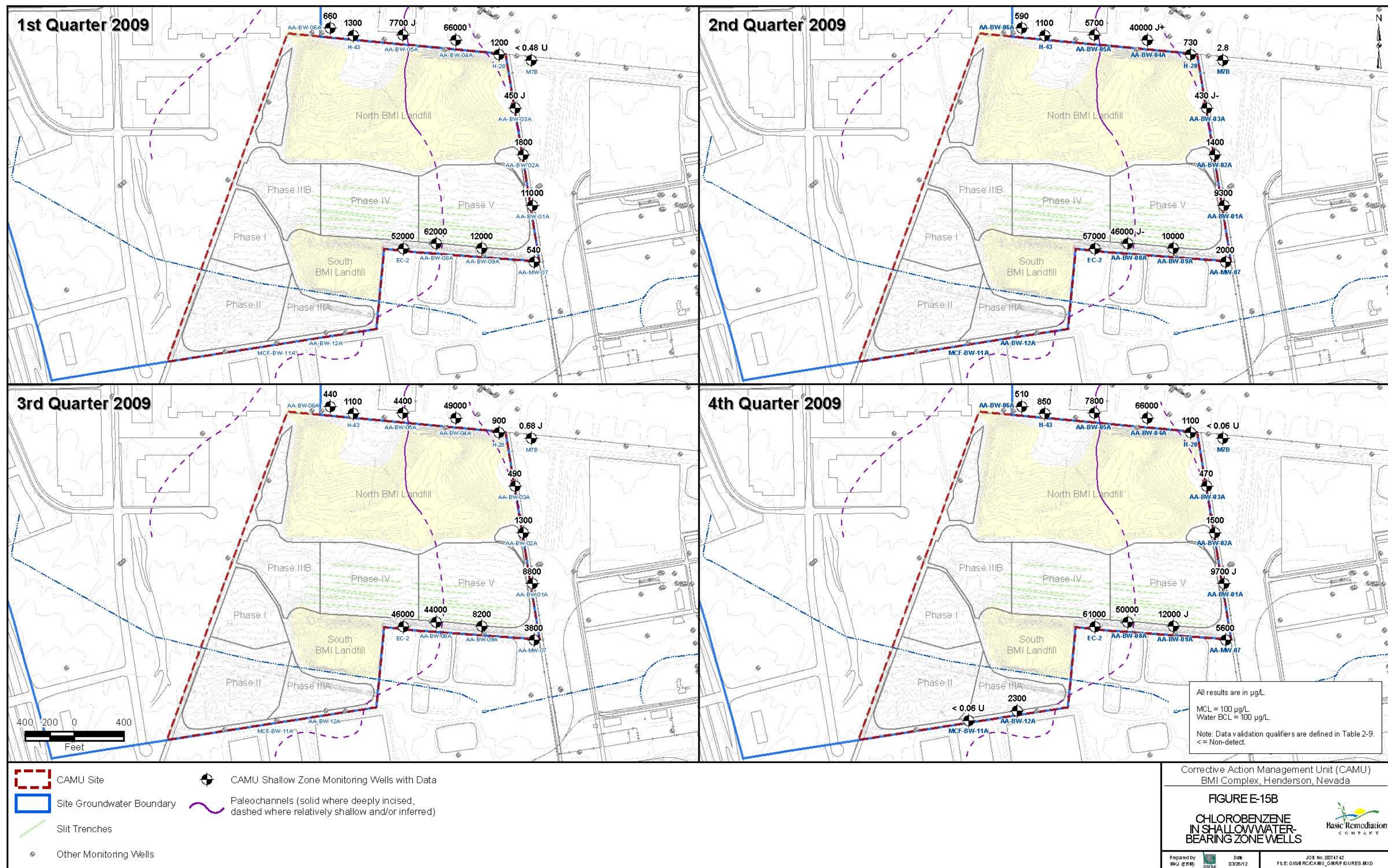
FIGURE E-14C
CHLORINE
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

Prepared by
MKJ (ERM)

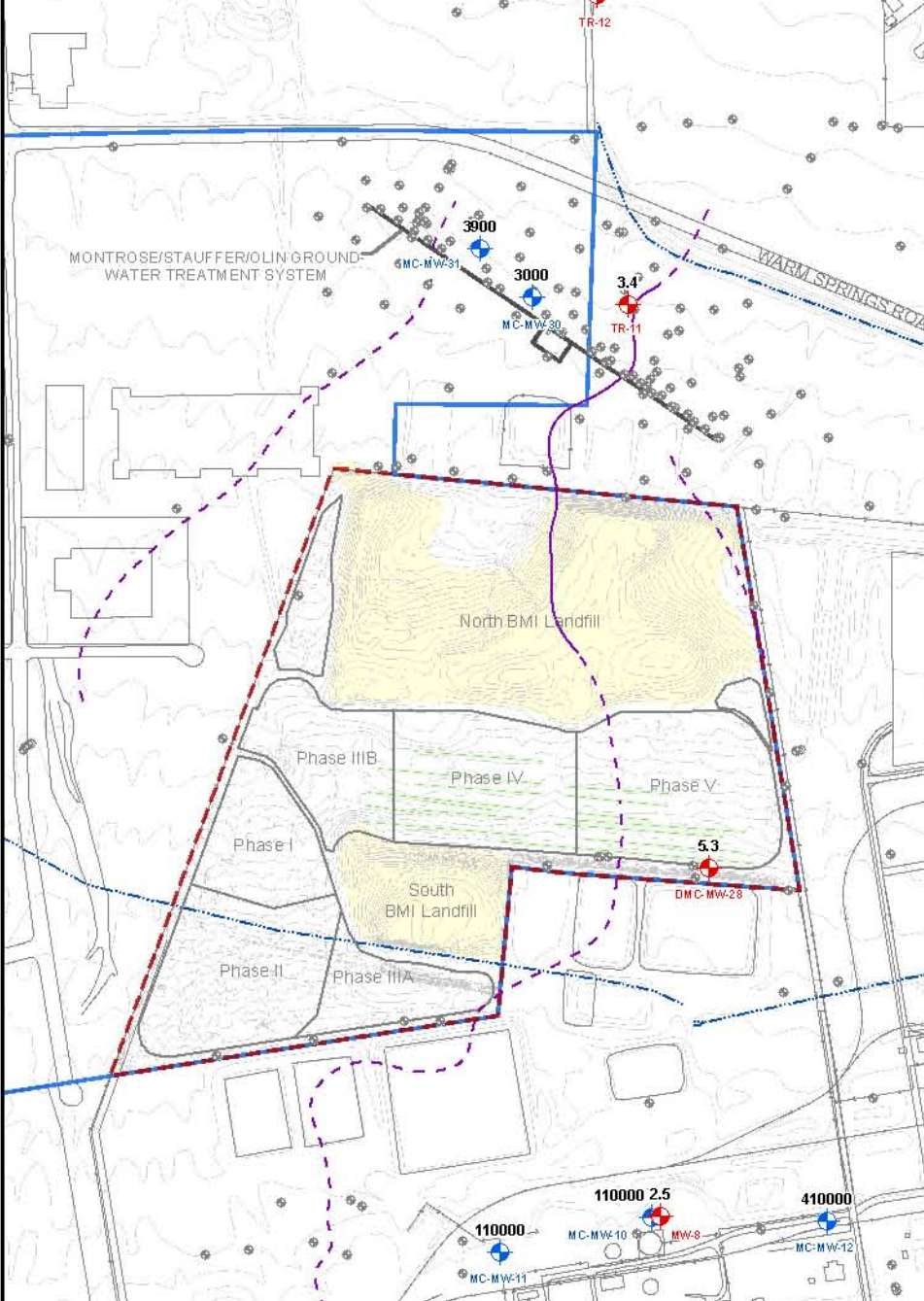
Date
03/26/12

JOB No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES.MXD

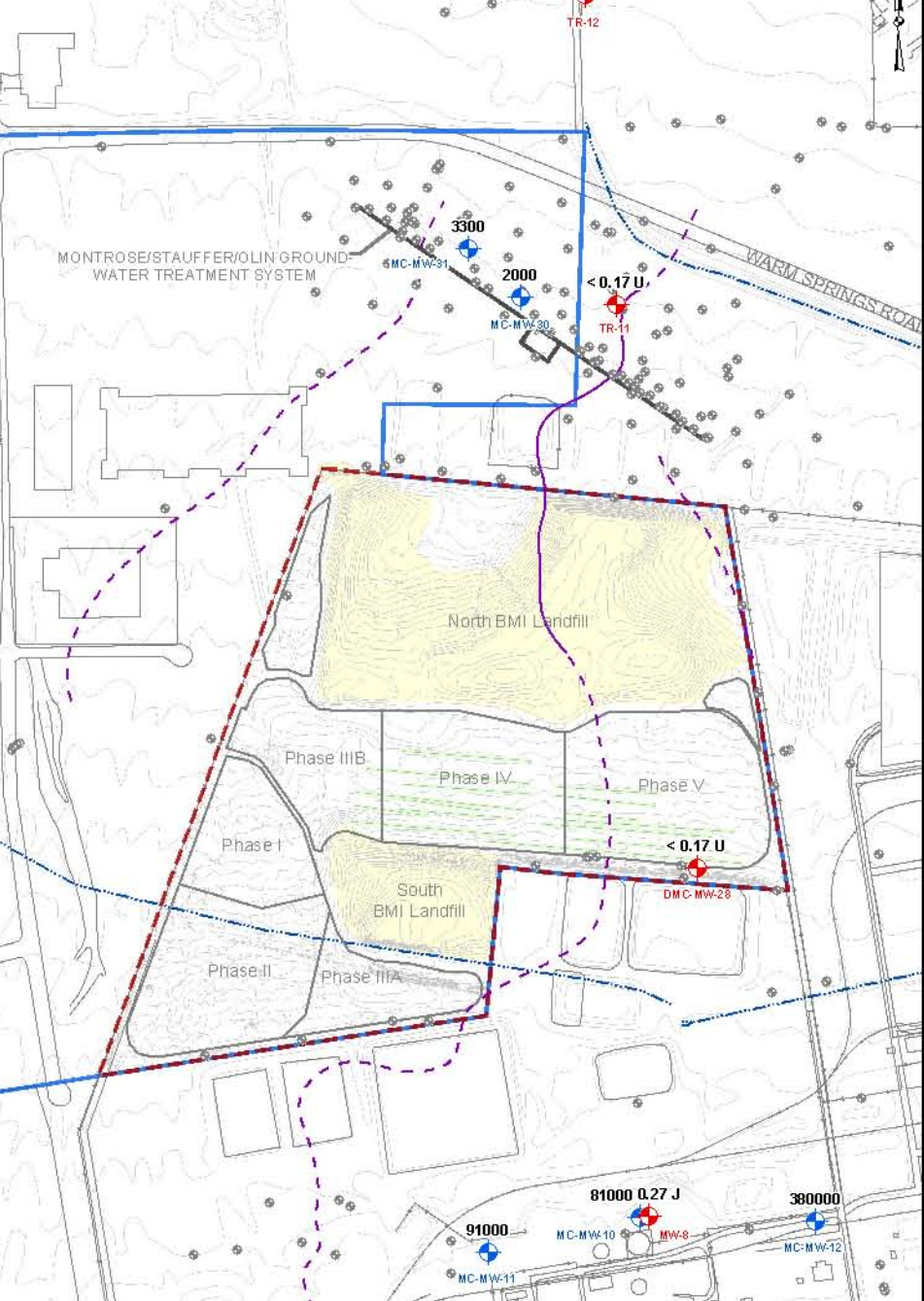




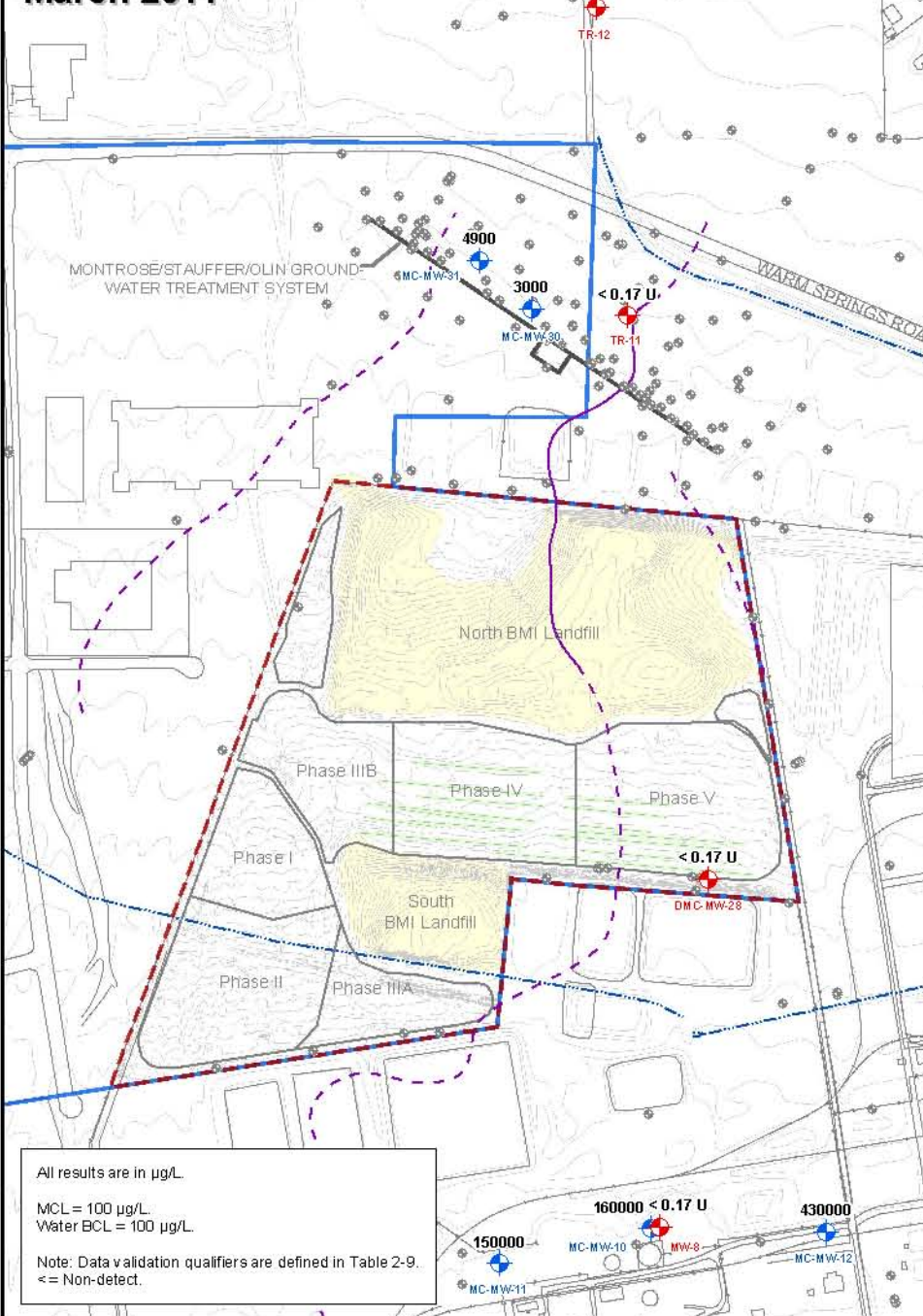
April/May 2010



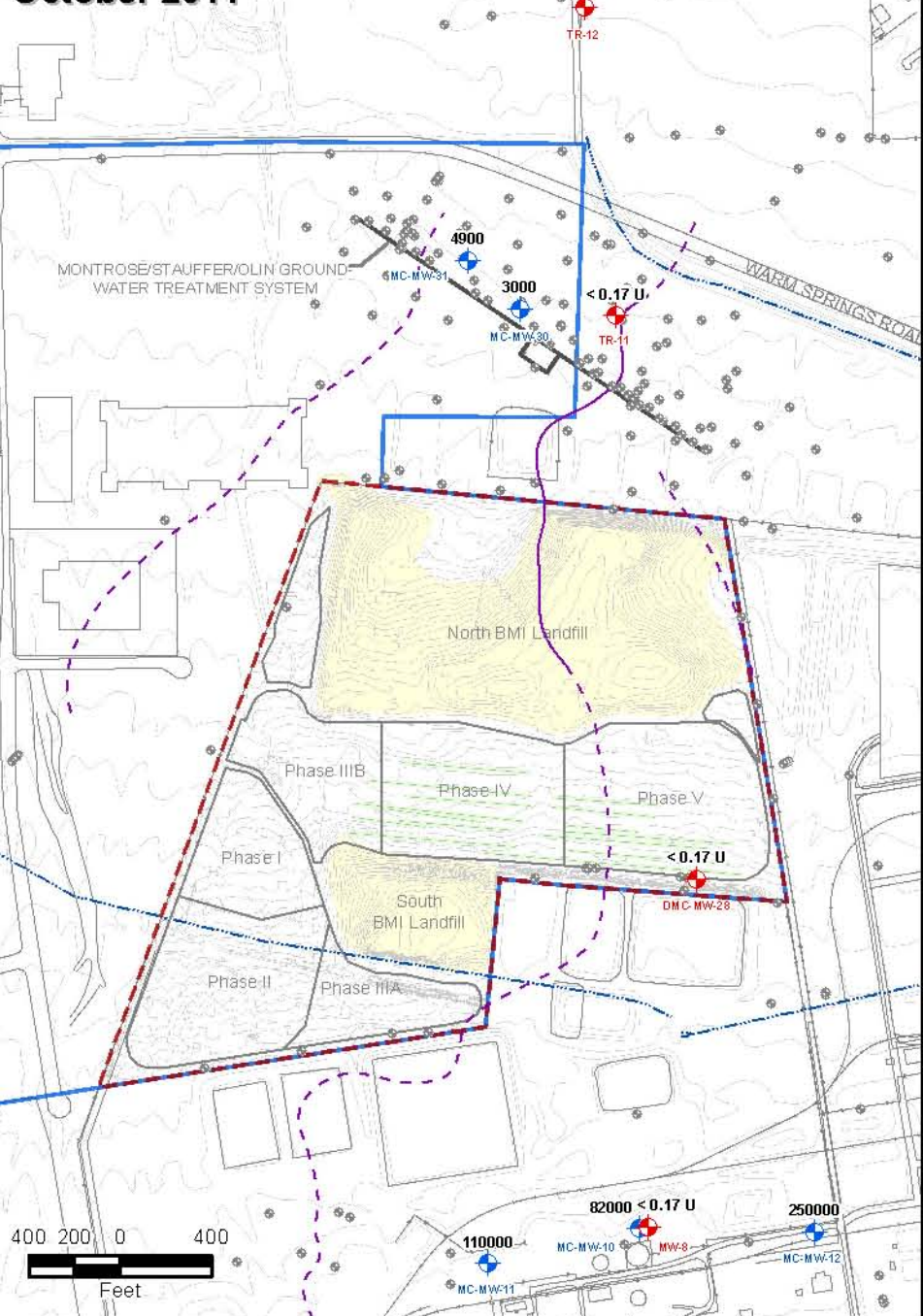
October 2010



March 2011



October 2011



All results are in µg/L.
MCL = 100 µg/L.
Water BCL = 100 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
< = Non-detect.

CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

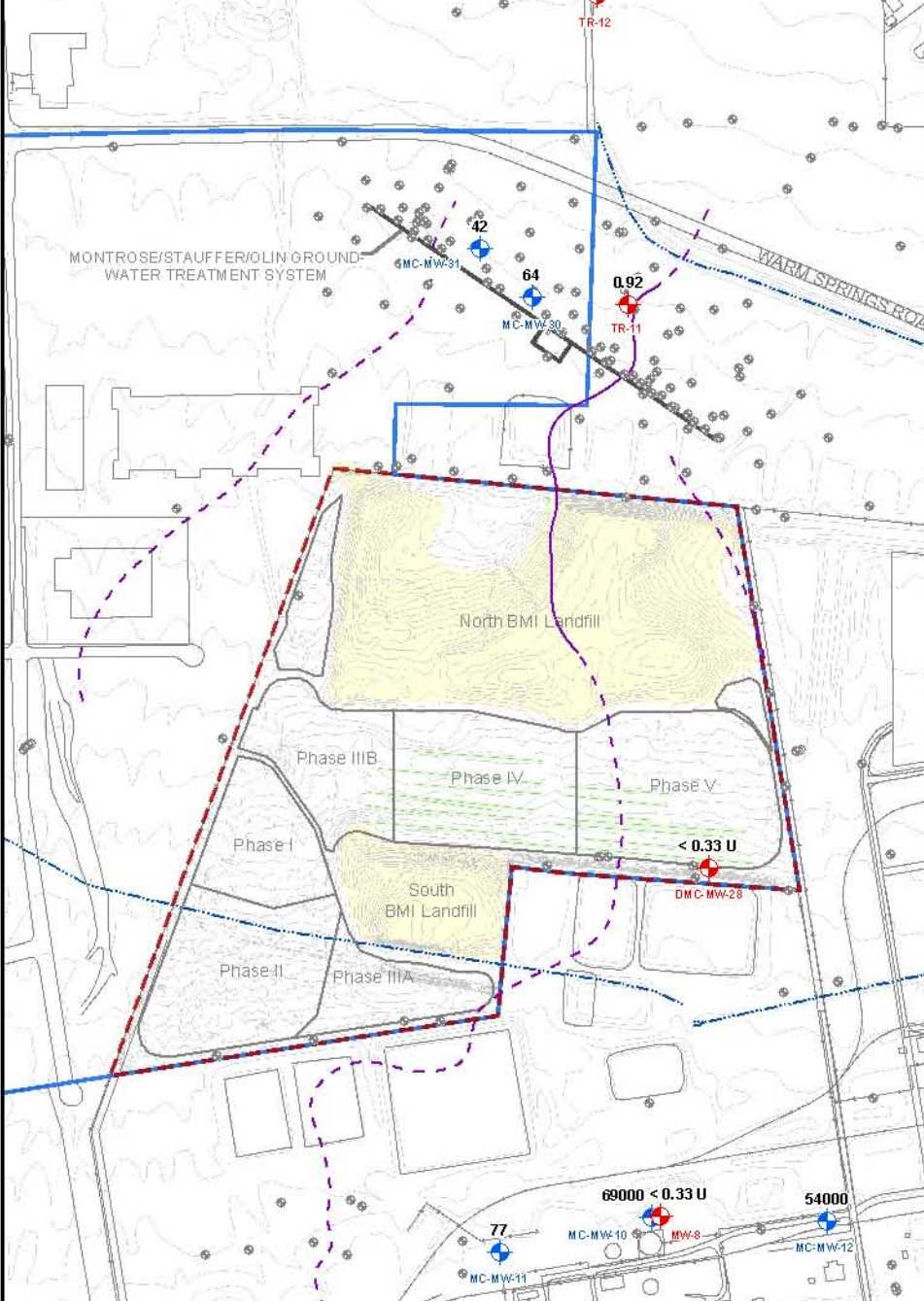
FIGURE E-15C
CHLOROBENZENE
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

Prepared by
MKJ (ERM)

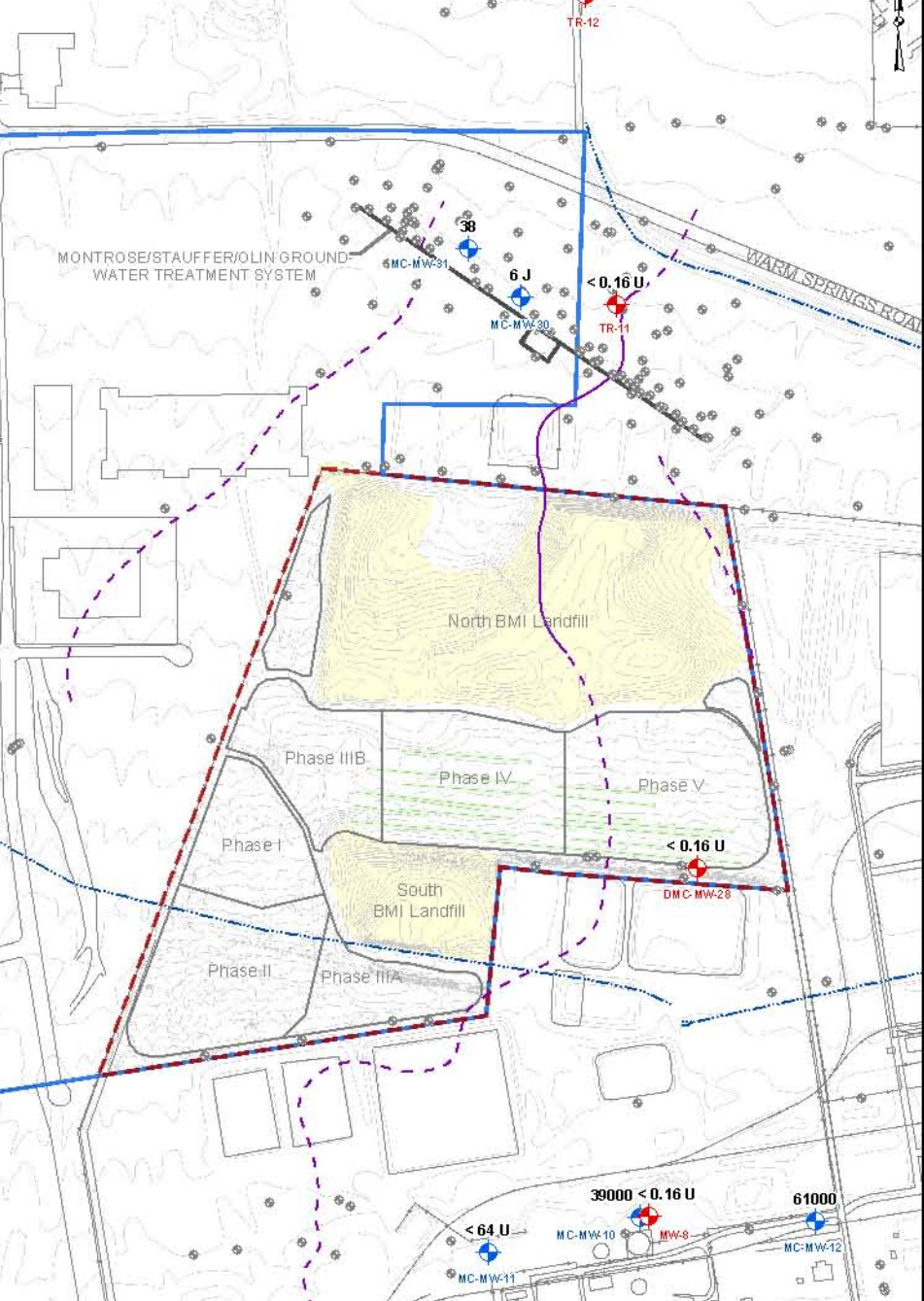
Date
03/26/12

JOB No. 0074742
FILE: GIS/RC/CAMU_GMR/FIGURES.MXD

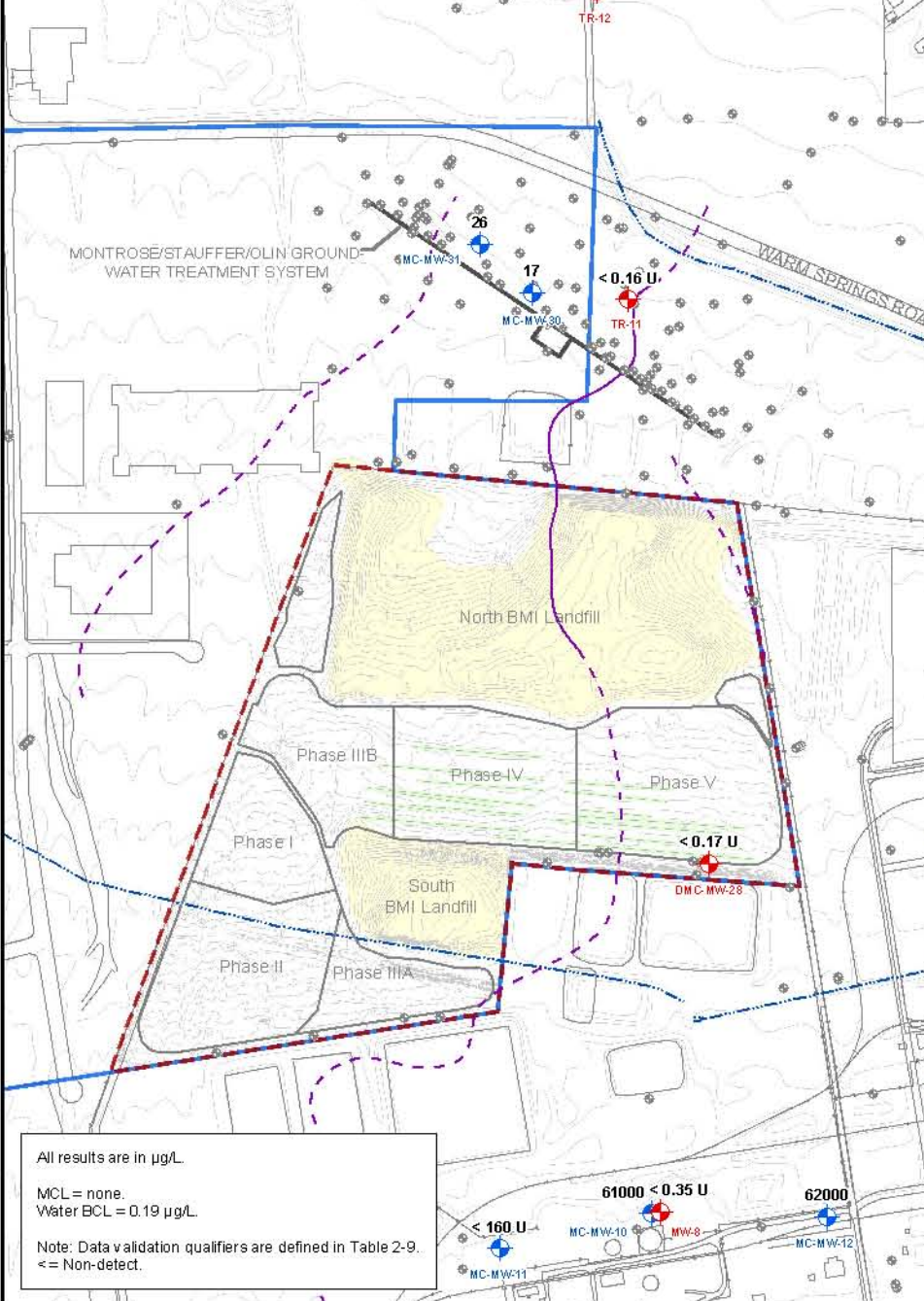
April/May 2010



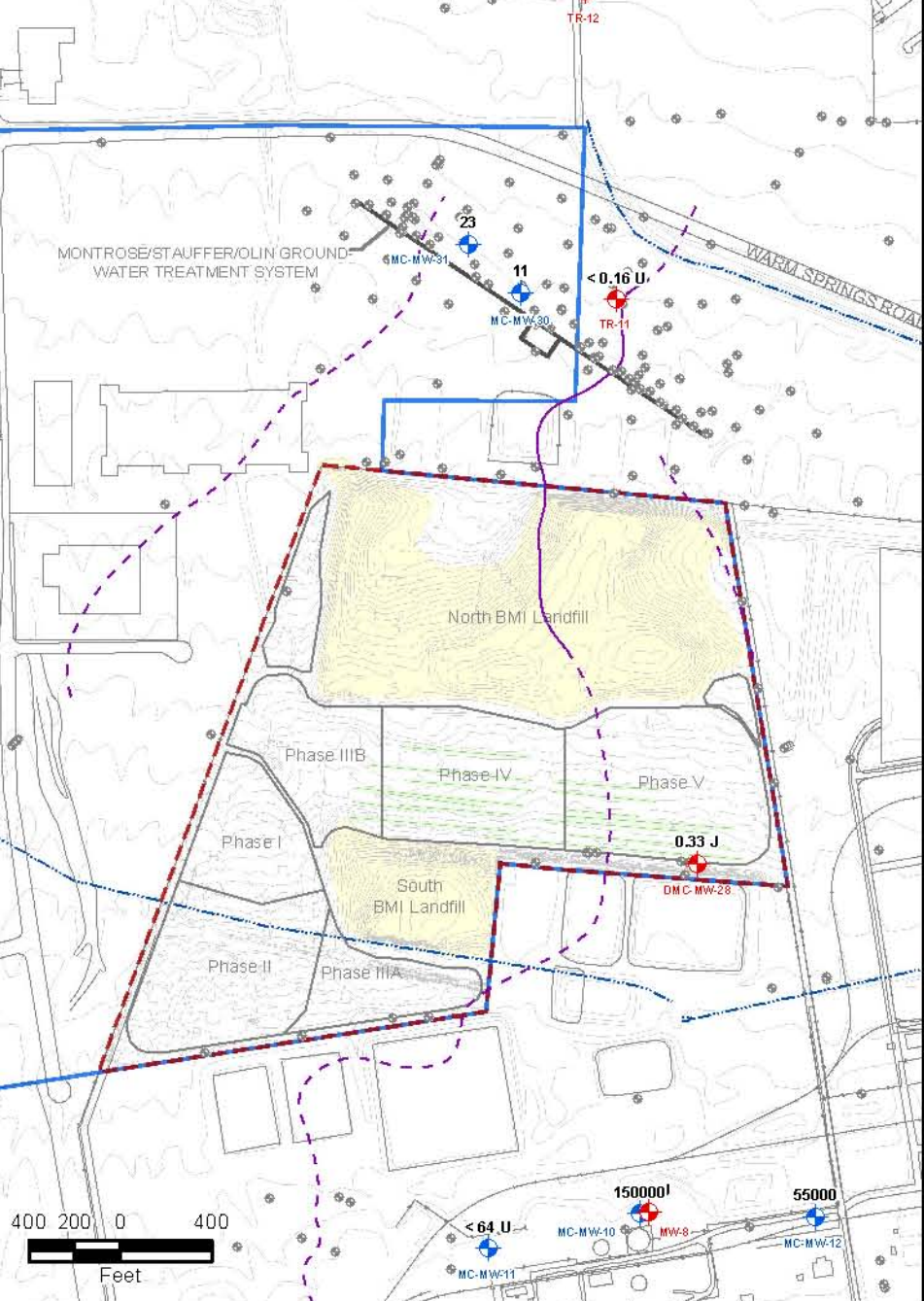
October 2010



March 2011



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CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

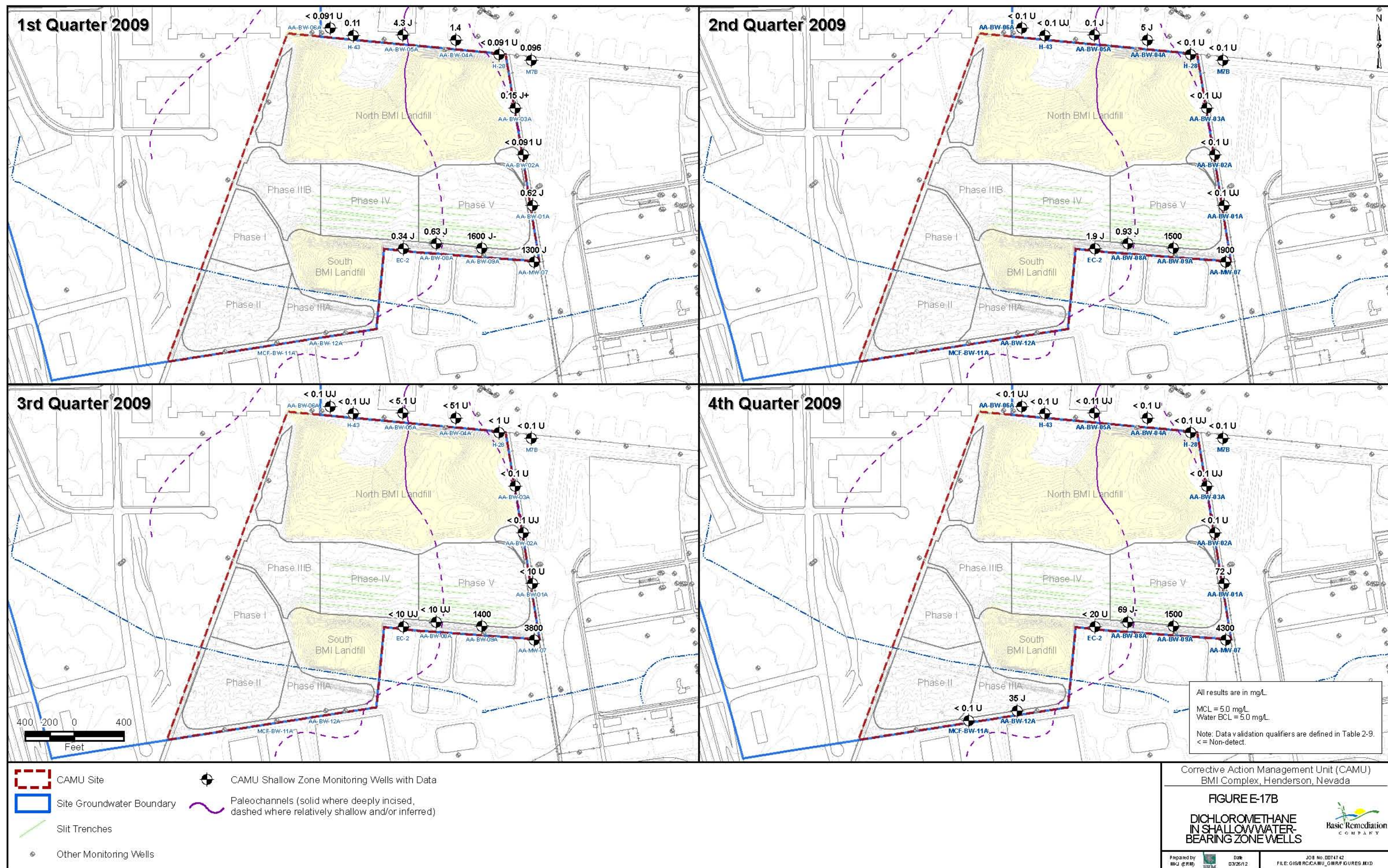
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-16C
CHLOROFORM
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

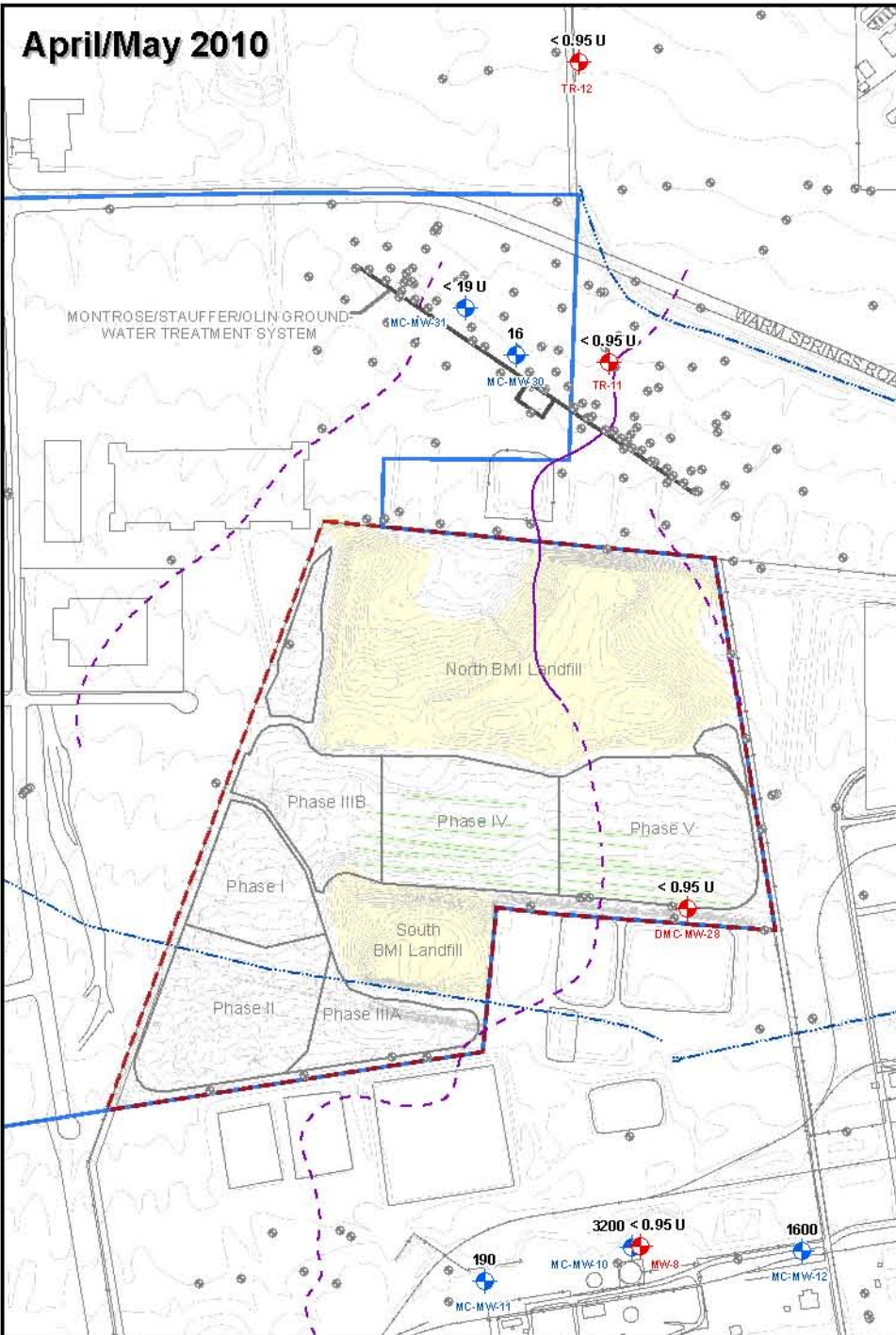
Prepared by
MKJ (ERM)

Date
03/26/12

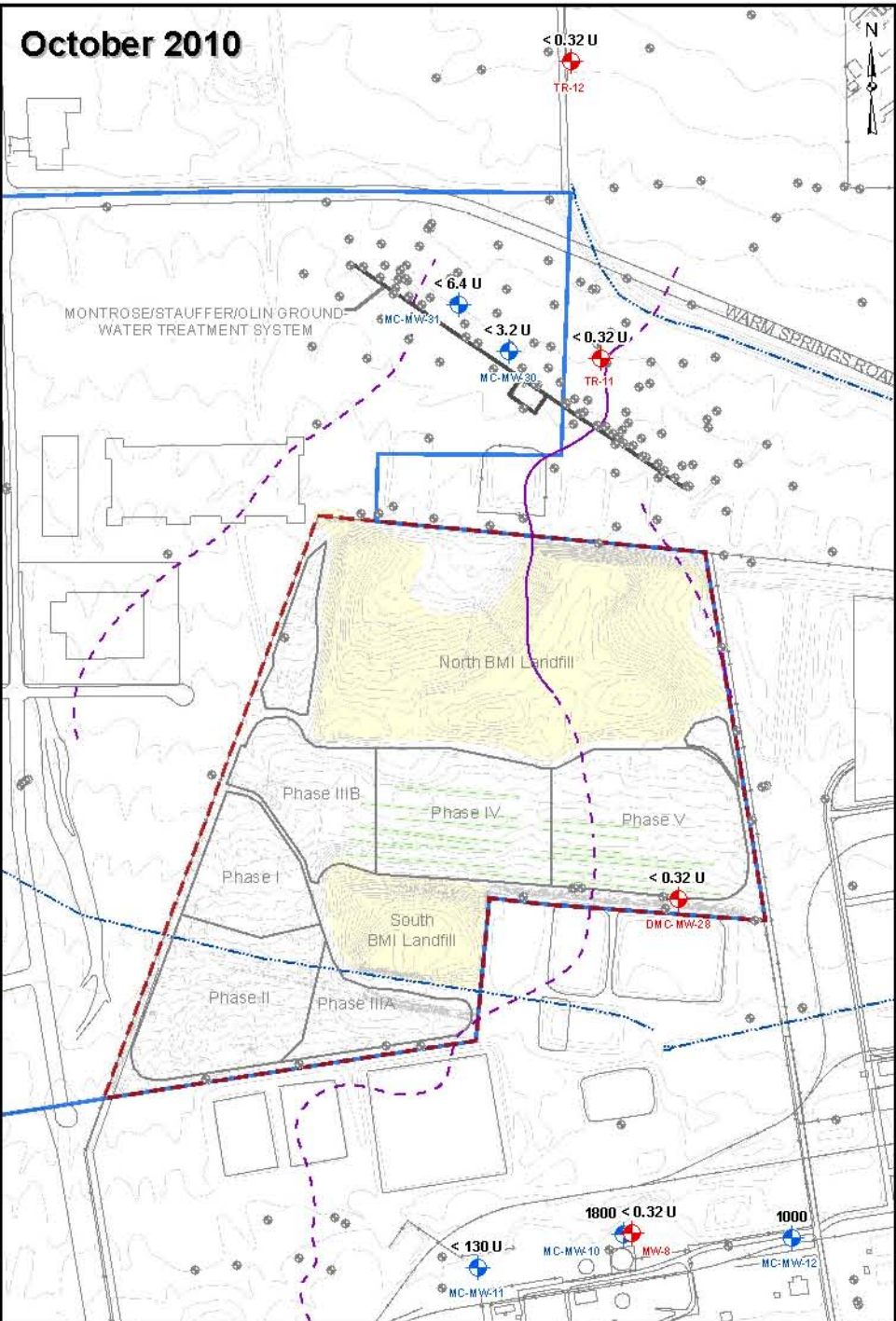
JOB No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES.MXD



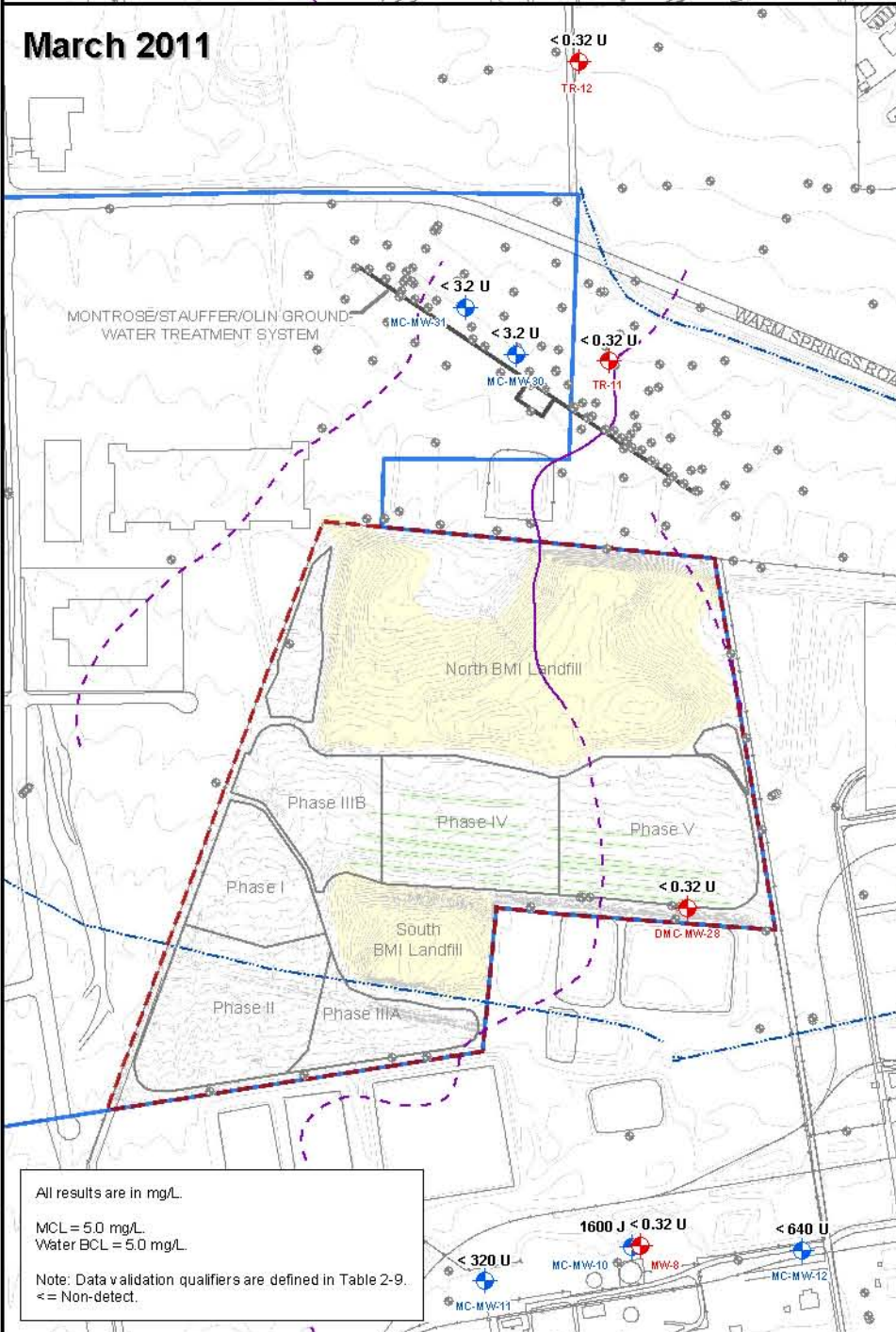
April/May 2010



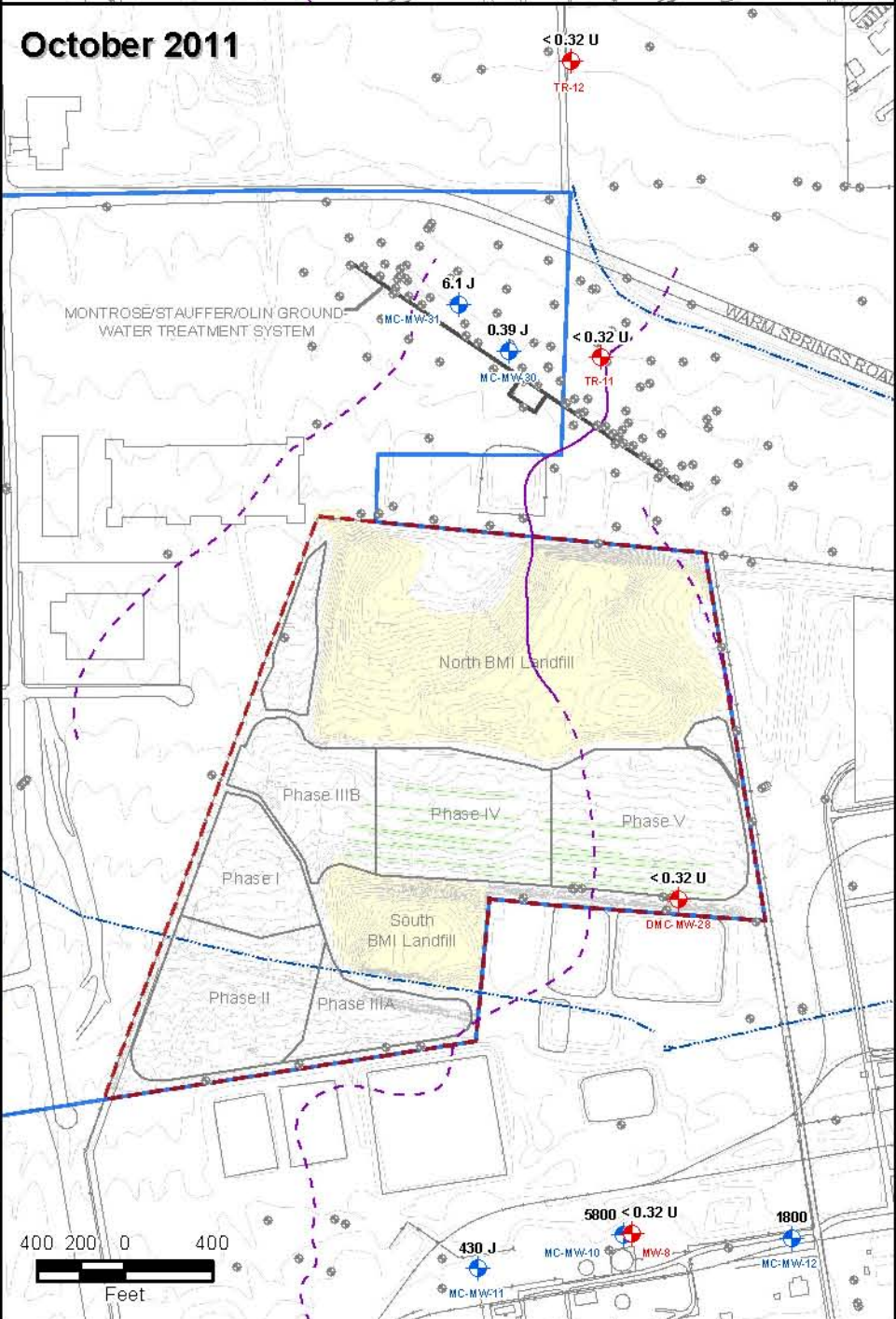
October 2010



March 2011

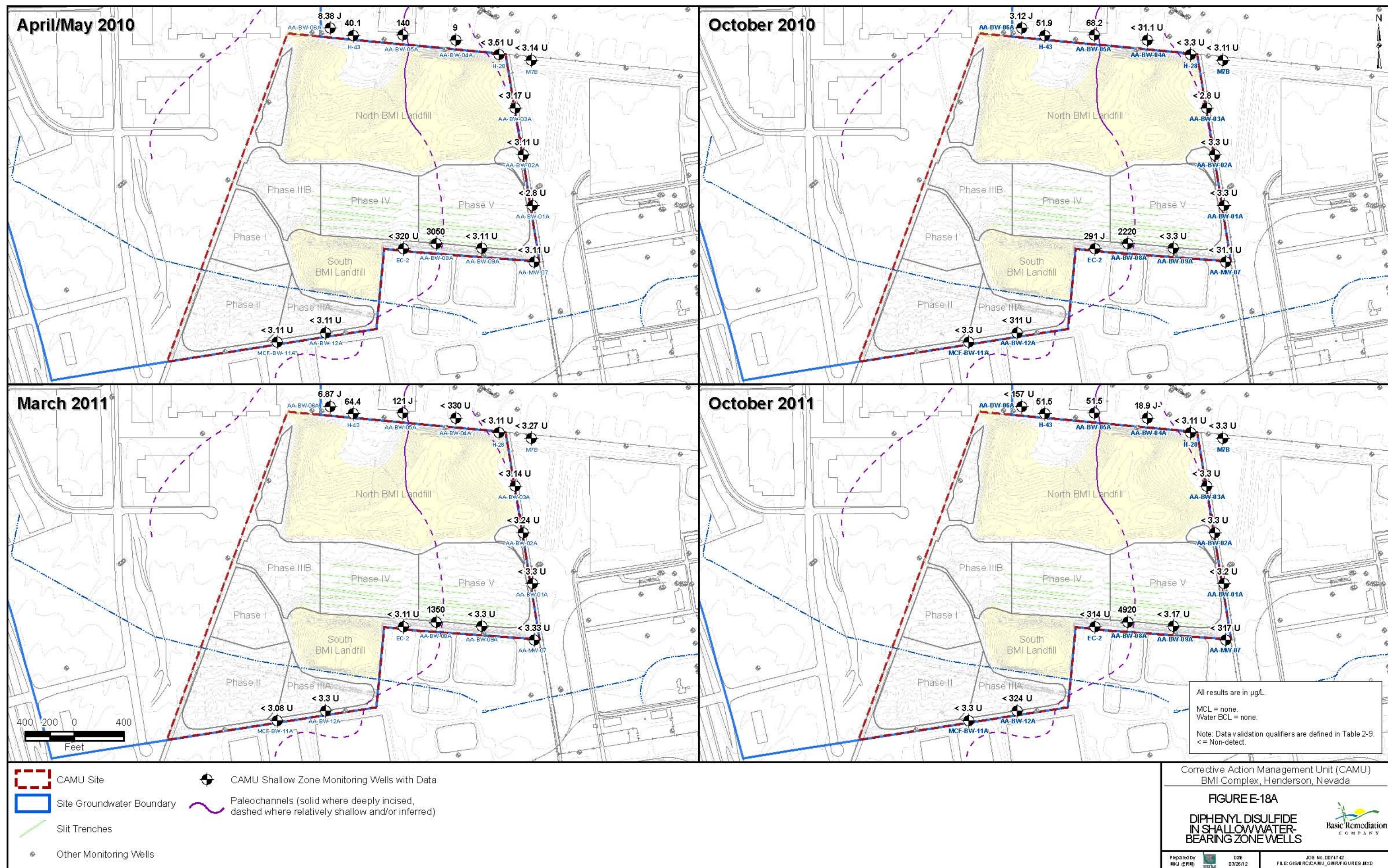


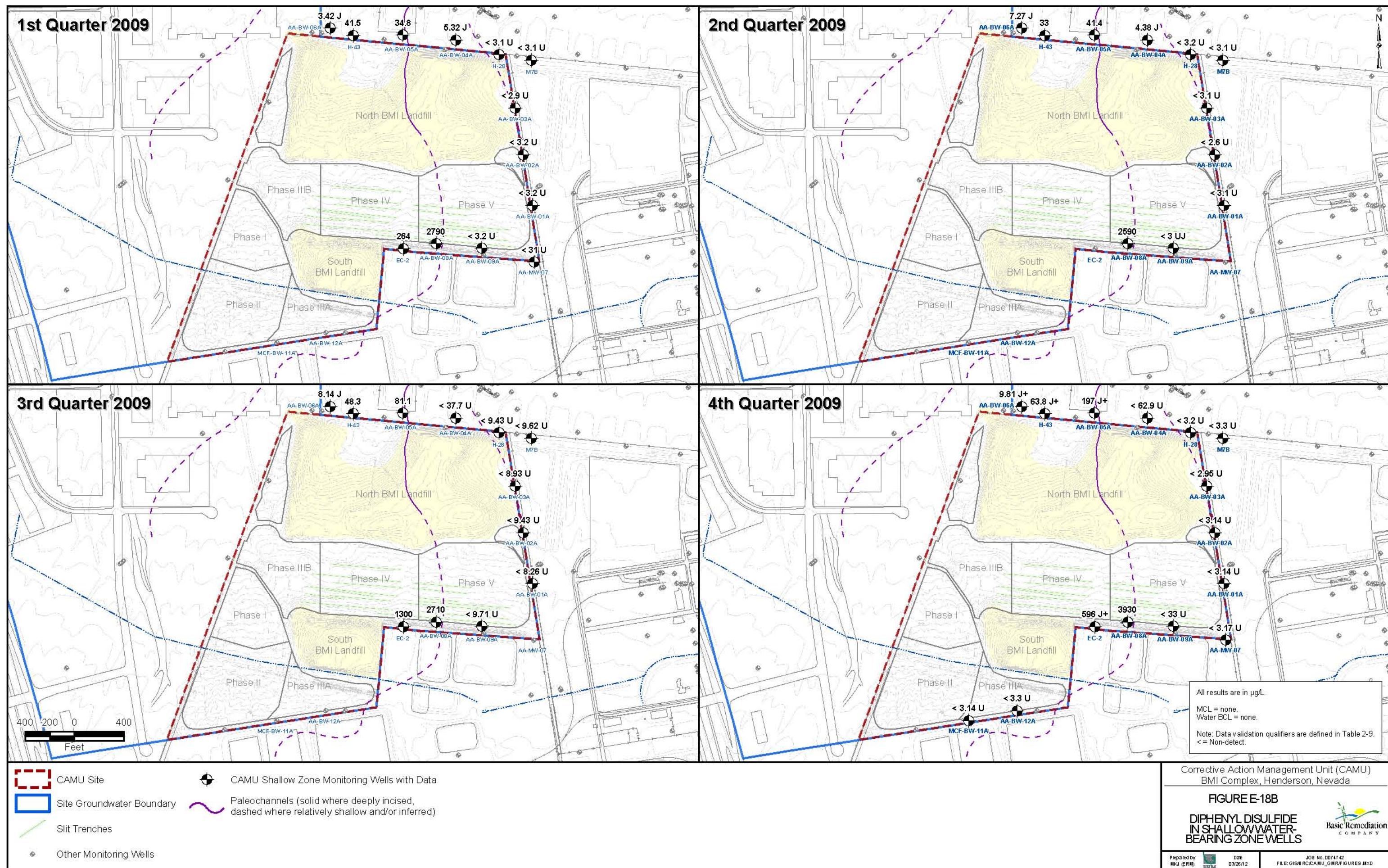
October 2011



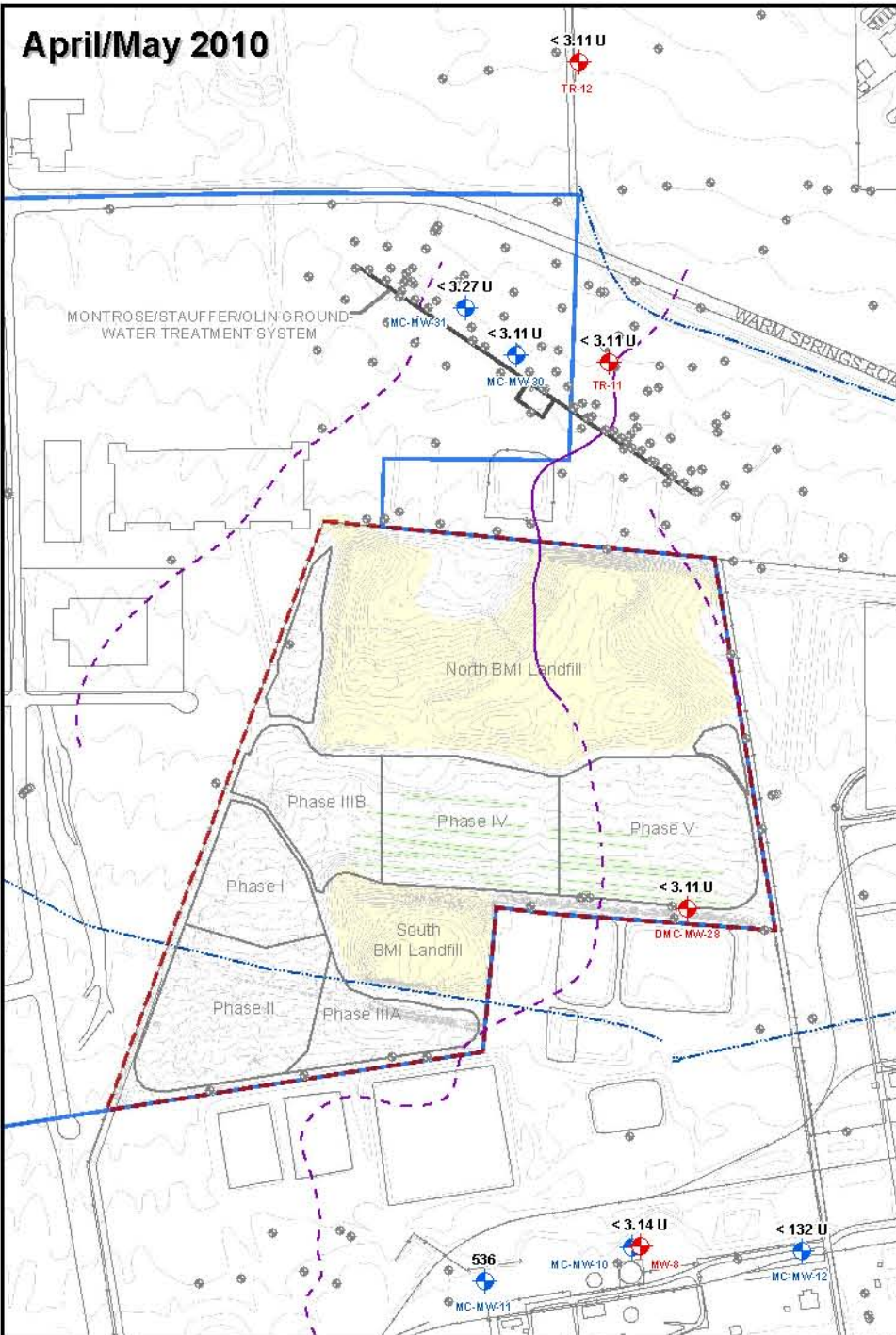
All results are in mg/L.
MCL = 5.0 mg/L.
Water BCL = 5.0 mg/L.
Note: Data validation qualifiers are defined in Table 2-9.
< = Non-detect.

- CAMU Site
- Site Groundwater Boundary
- Slit Trenches
- Other Monitoring Wells
- CAMU Deep Zone Monitoring Wells with Data
- CAMU Middle Zone Monitoring Wells with Data
- Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

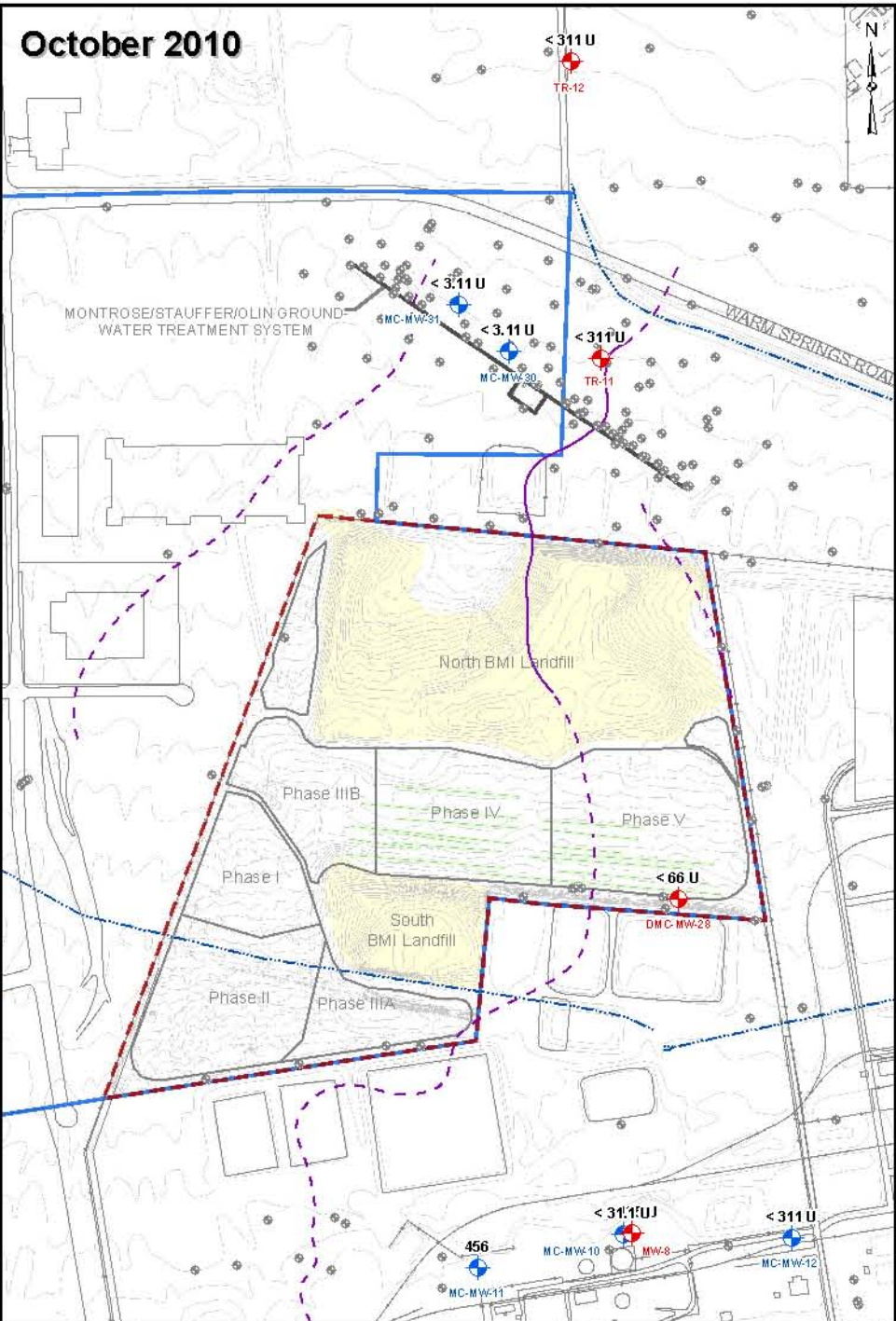




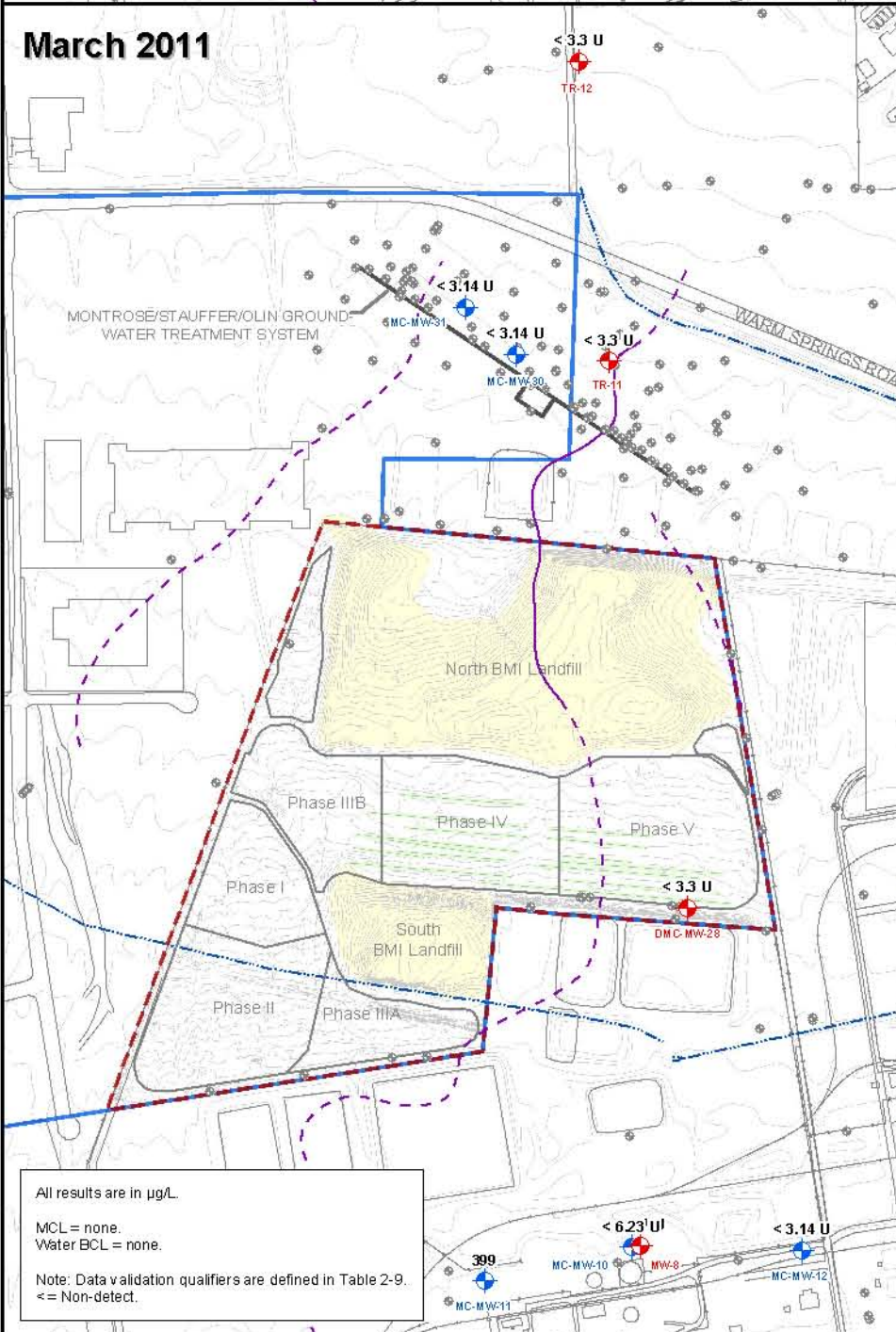
April/May 2010



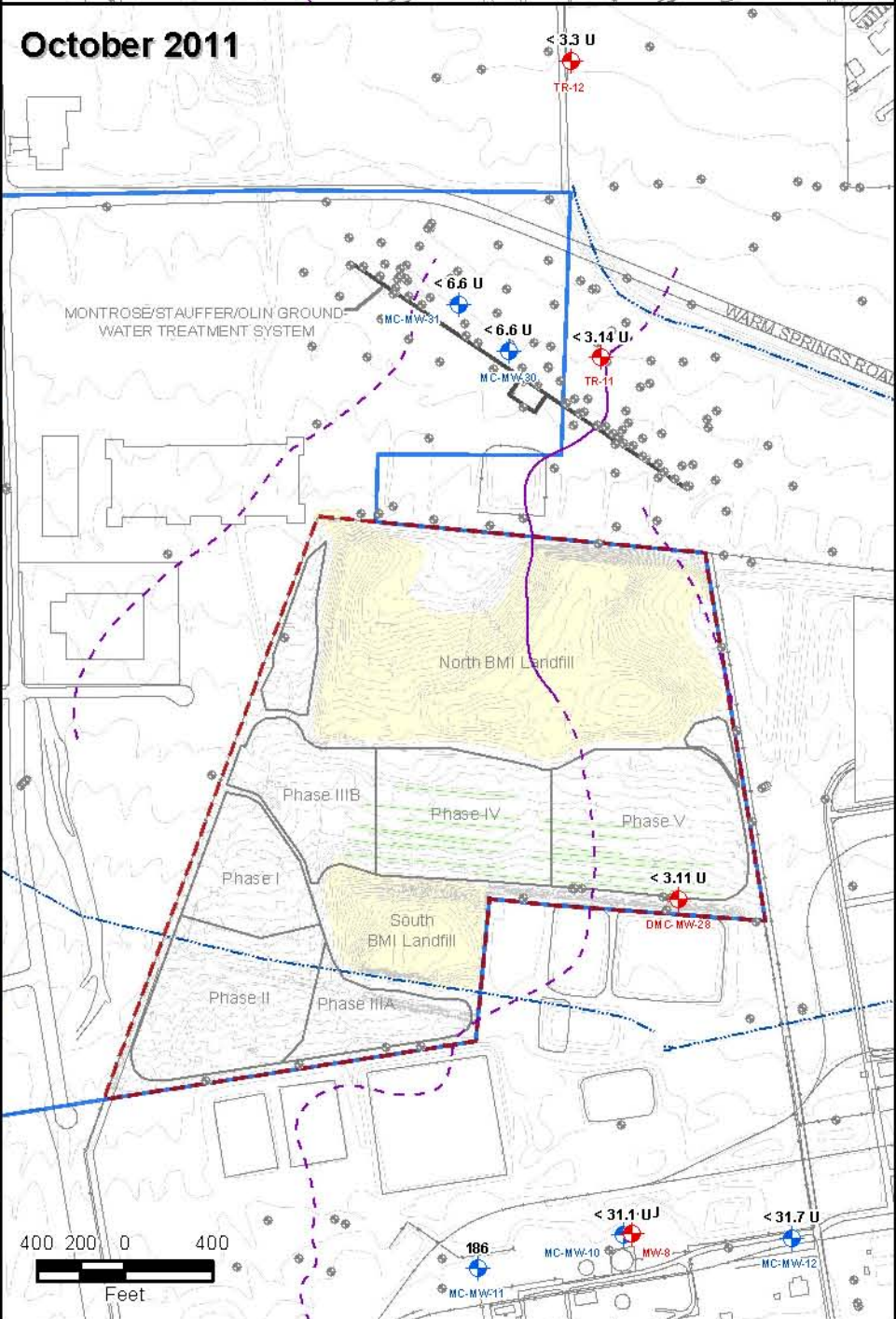
October 2010



March 2011



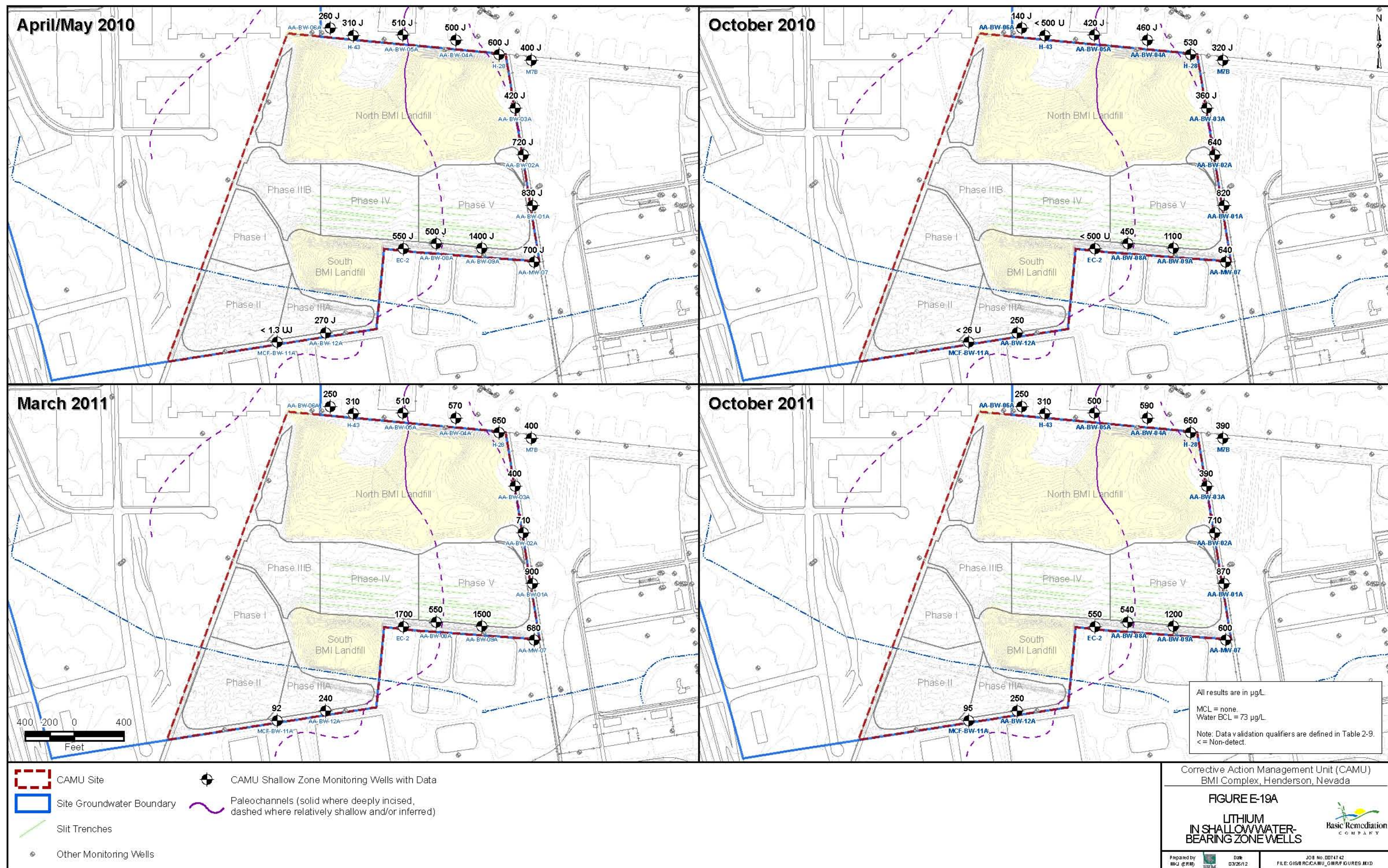
October 2011



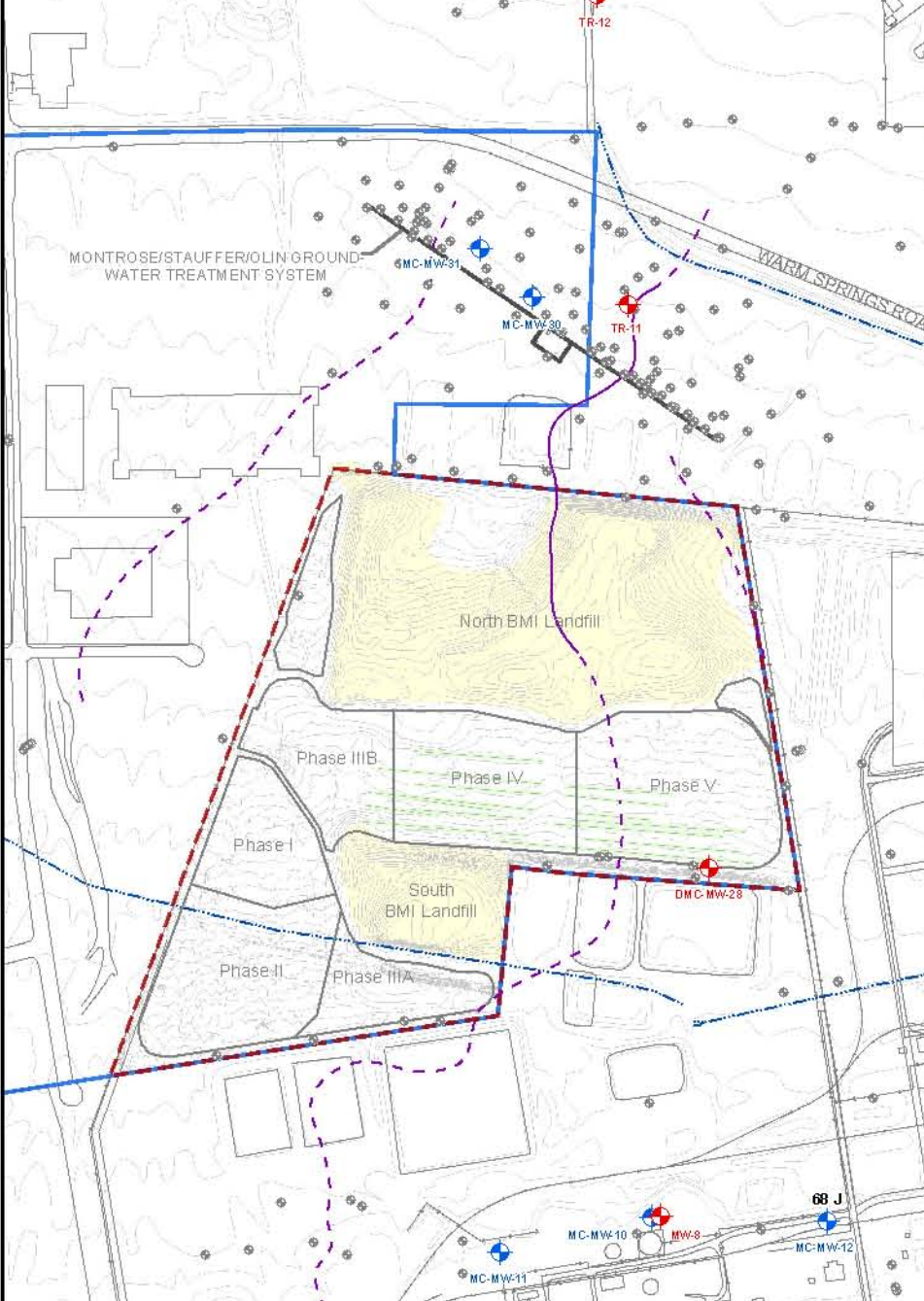
All results are in ug/L.
MCL = none.
Water BCL = none.
Note: Data validation qualifiers are defined in Table 2-9.
≤ = Non-detect.

400 200 0 400
Feet

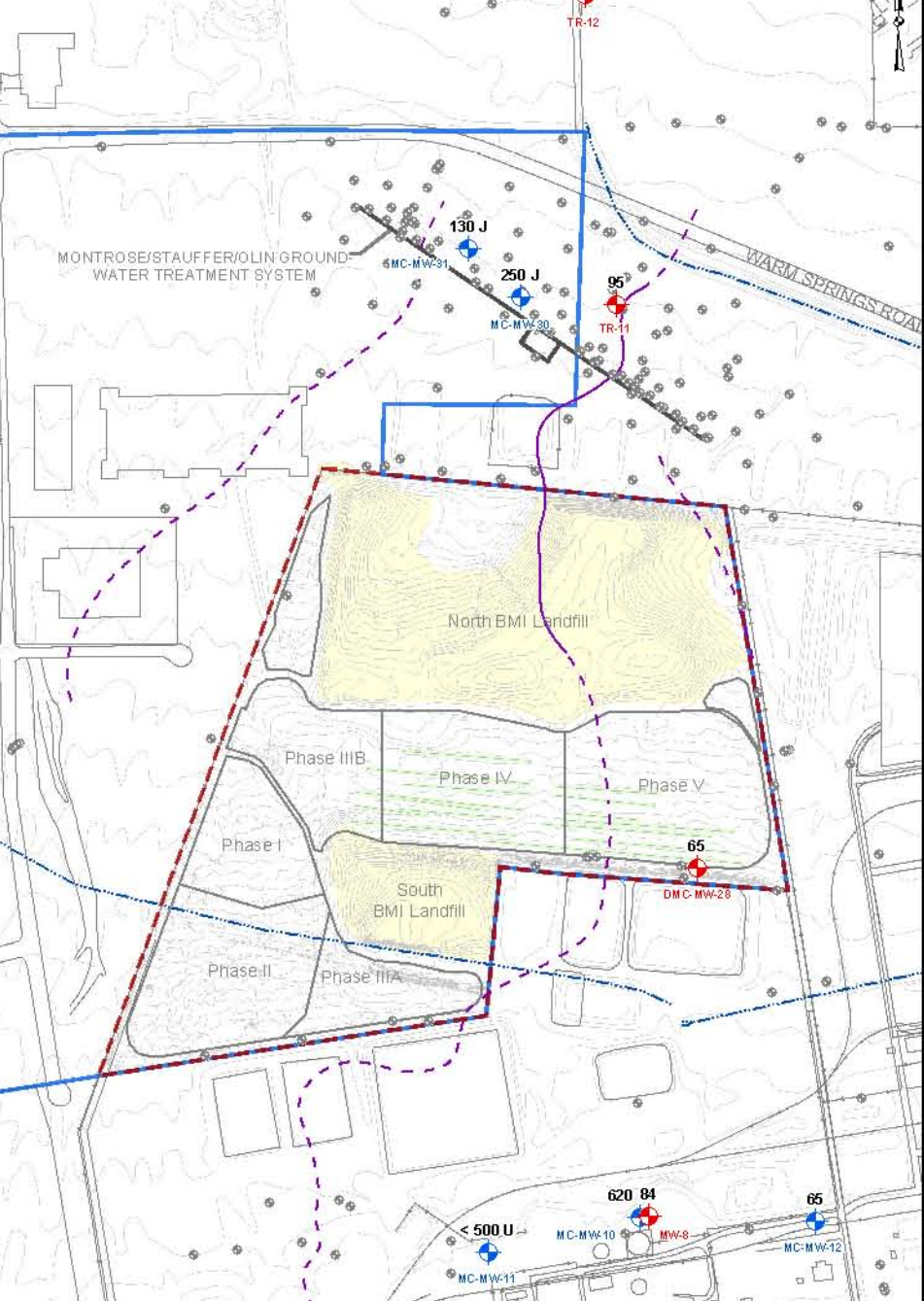
- CAMU Site
- Site Groundwater Boundary
- Slit Trenches
- Other Monitoring Wells
- CAMU Deep Zone Monitoring Wells with Data
- CAMU Middle Zone Monitoring Wells with Data
- Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)



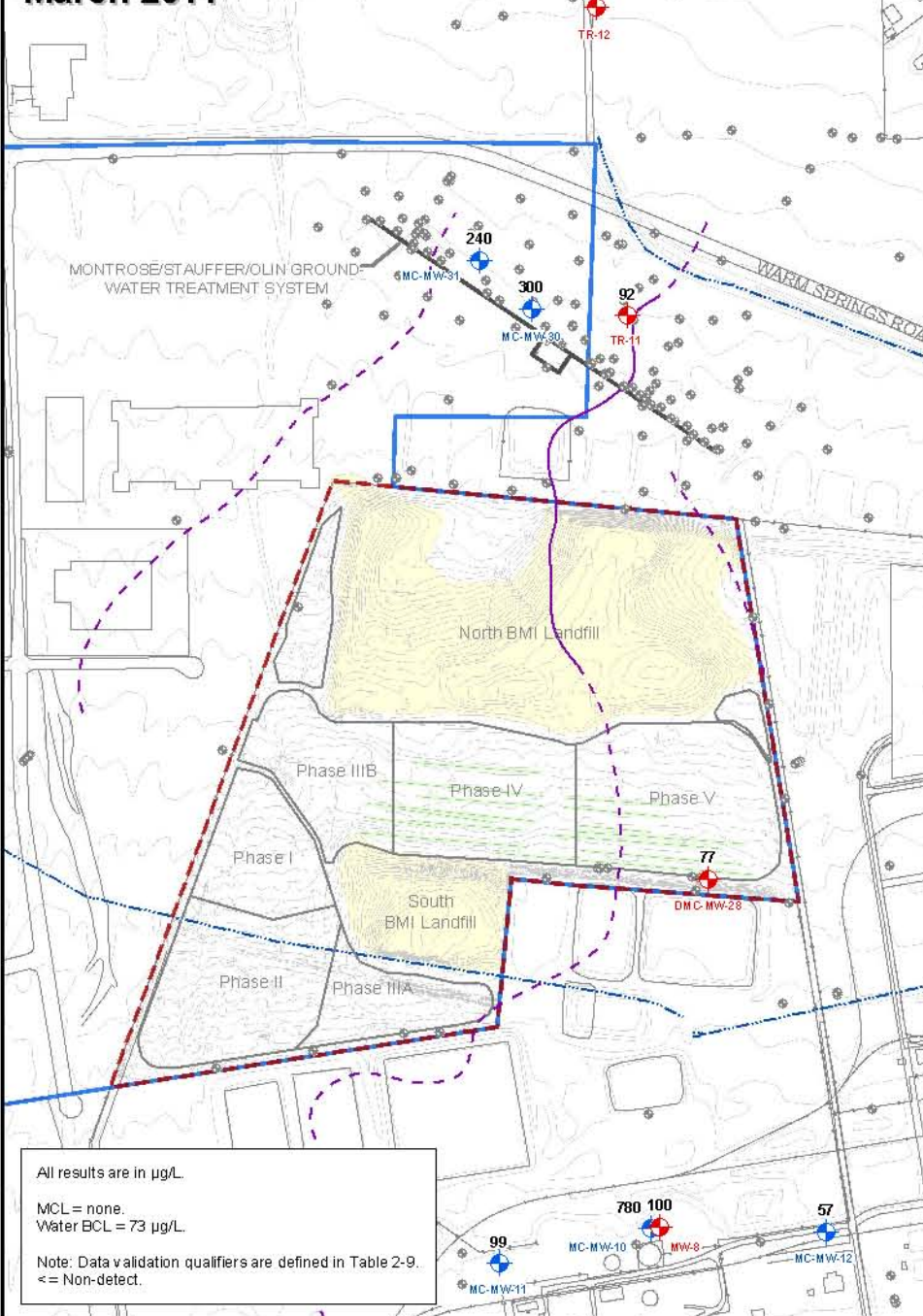
April/May 2010



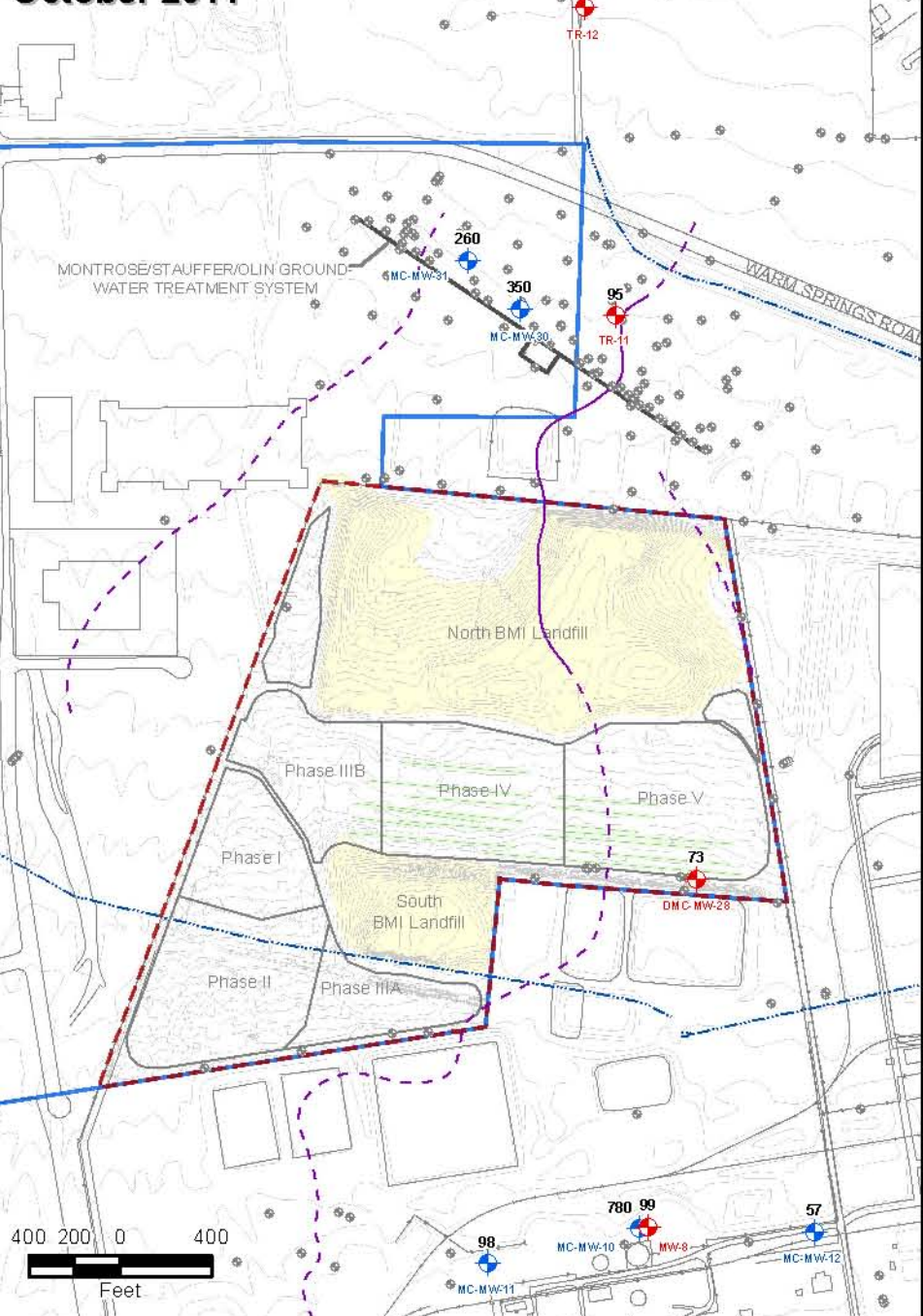
October 2010



March 2011



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All results are in µg/L.
MCL = none.
Water BCL = 73 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
< = Non-detect.

400 200 0 400
Feet

CAMU Site	CAMU Deep Zone Monitoring Wells with Data
Site Groundwater Boundary	CAMU Middle Zone Monitoring Wells with Data
Slit Trenches	Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)
Other Monitoring Wells	

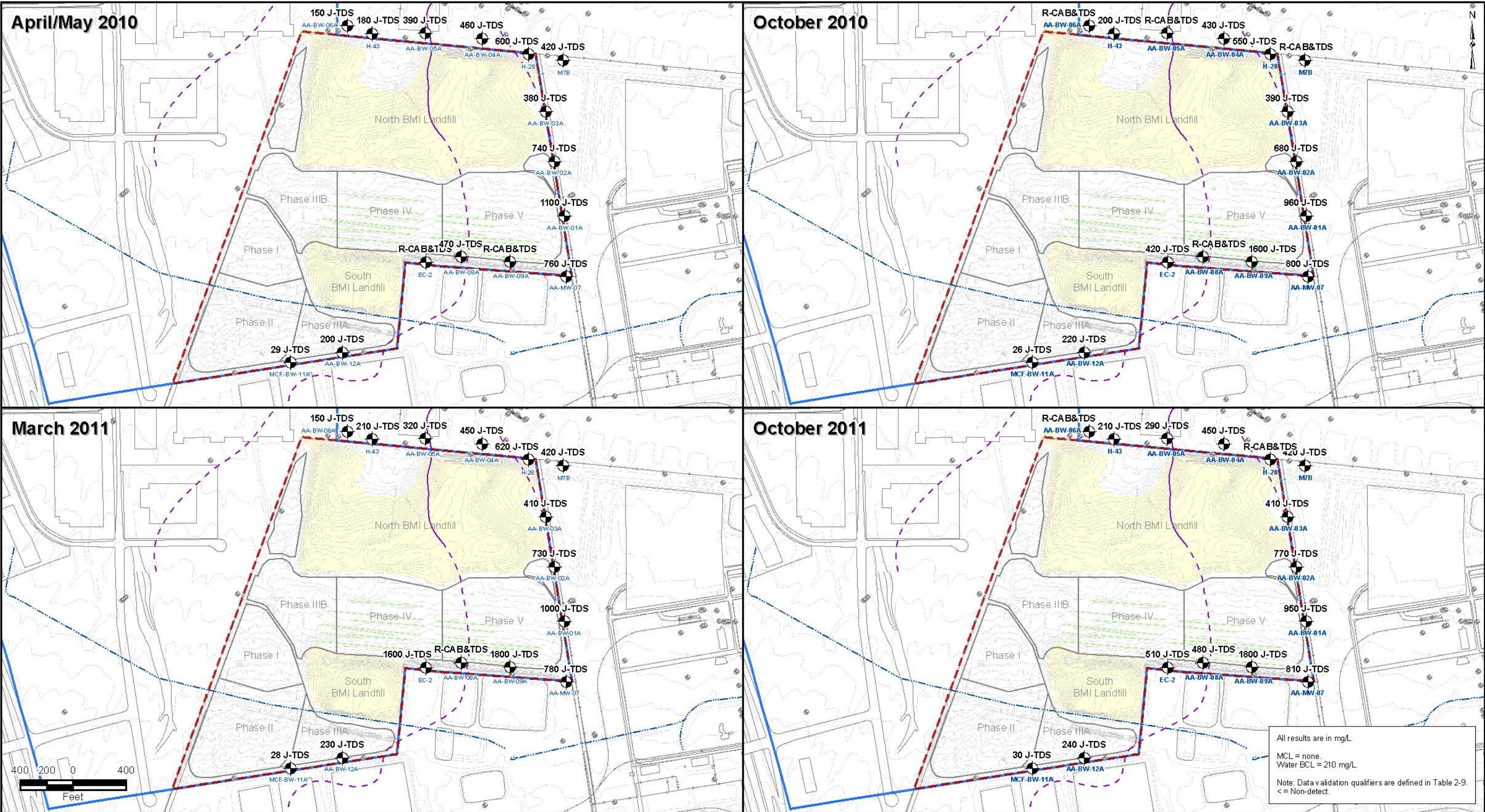
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-19C

**LITHIUM
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS**

Prepared by: MKJ (ERM) Date: 03/26/12 JOB No. 0074742 FILE: GIS\RCCAMU_GMR\FIGURES.MXD

Basic Remediation Company



Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-20A

MAGNESIUM
IN SHALLOW WATER-
BEARING ZONE WELLS



Prepared by
MKJ (ERM)

Date
03/26/12

Job No. 0074742
File: GIS\BRCAMU_GMR\FIGURES\MXD



CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Shallow Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

All results are in mg/L.

MCL = none.

Water ECL = 210 mg/L.

Note: Data validation qualifiers are defined in Table 2-9.

< = Non-detect.

Corrective Action Management Unit (CAMU)

BMI Complex, Henderson, Nevada

FIGURE E-20B

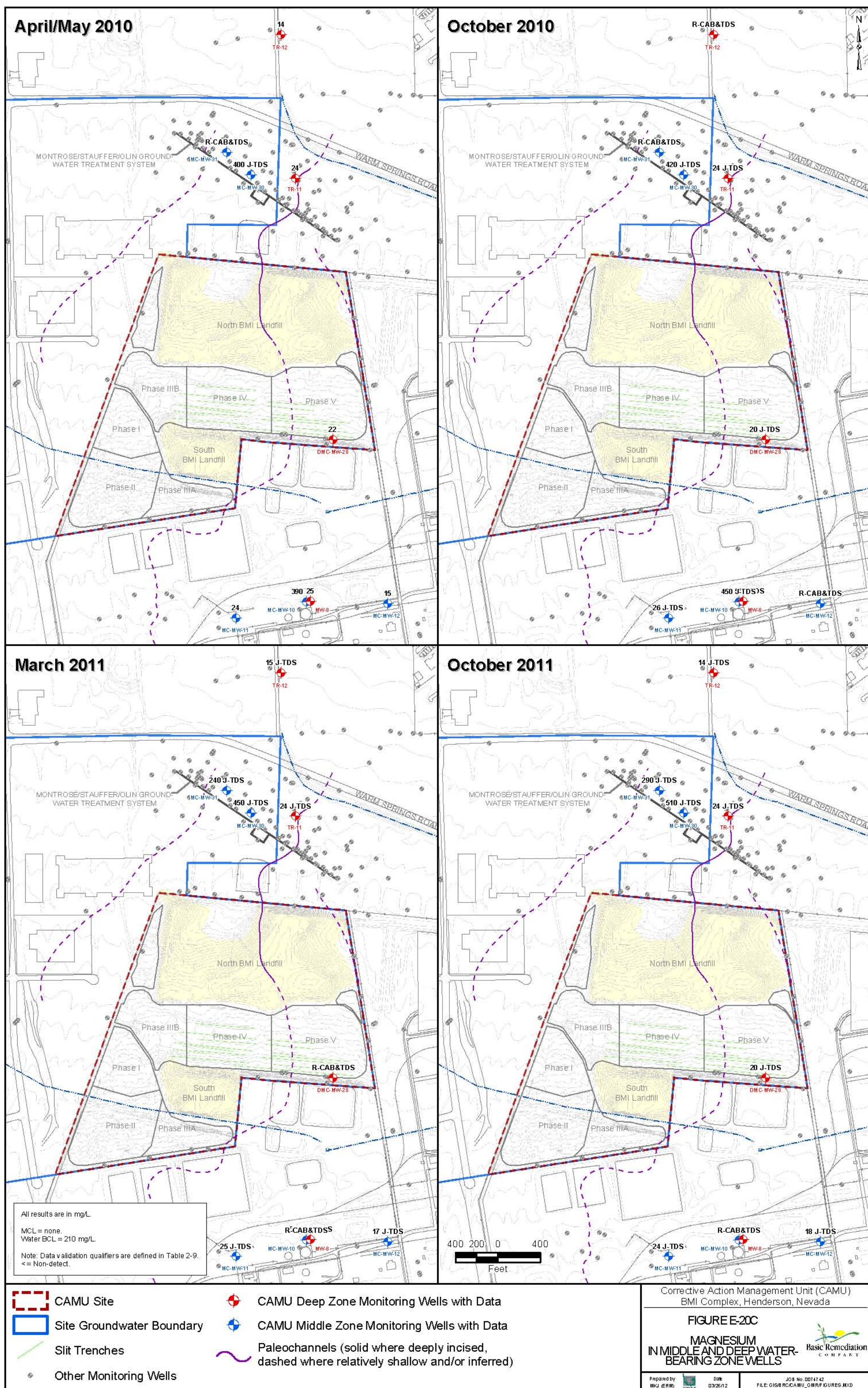
MAGNESIUM IN SHALLOW WATER-BEARING ZONE WELLS

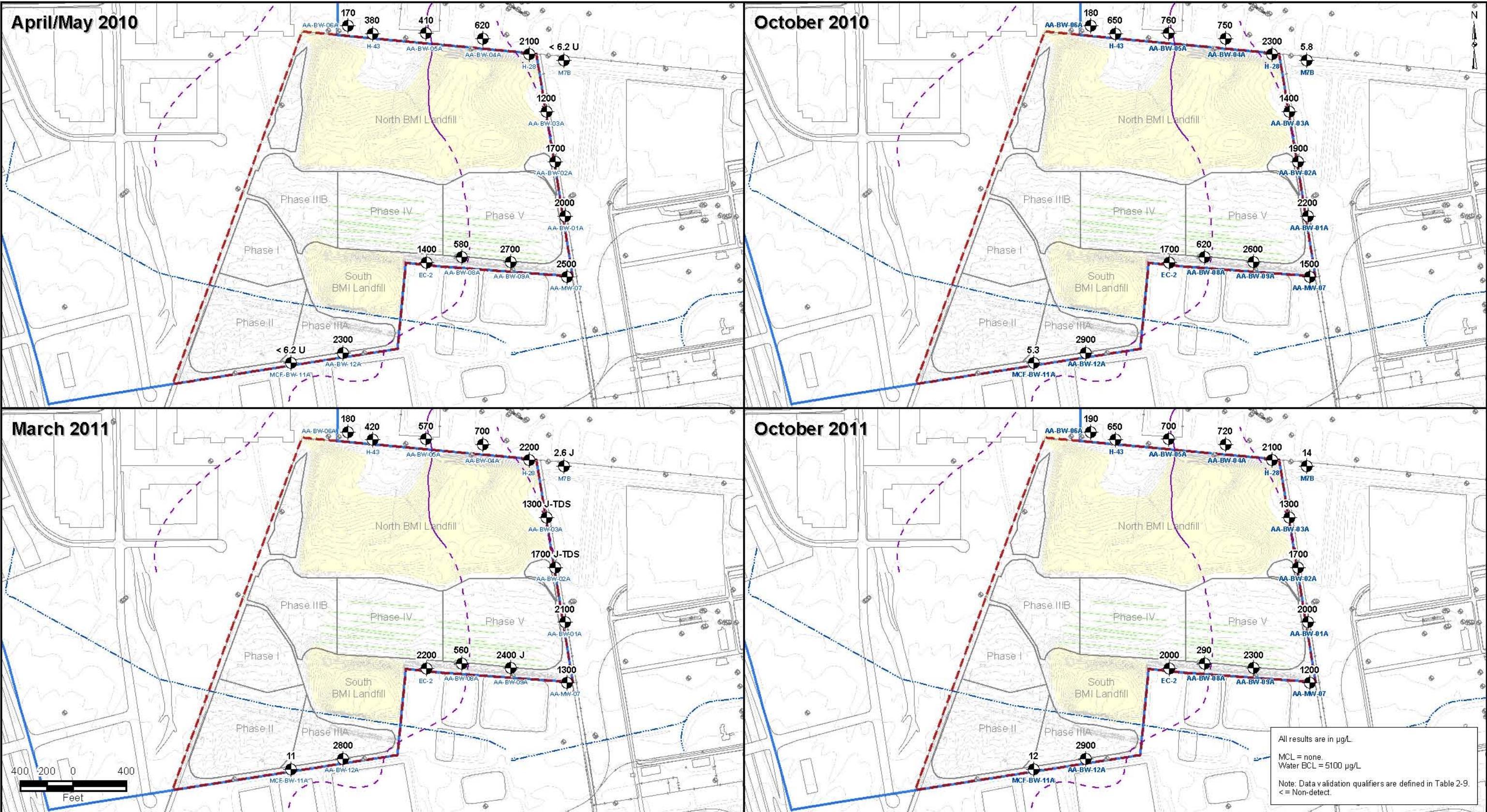
Prepared by
MKJ (ERM)

Date
03/26/12

Job No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES\MXD

Basic Remediation
COMPANY





Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-21A

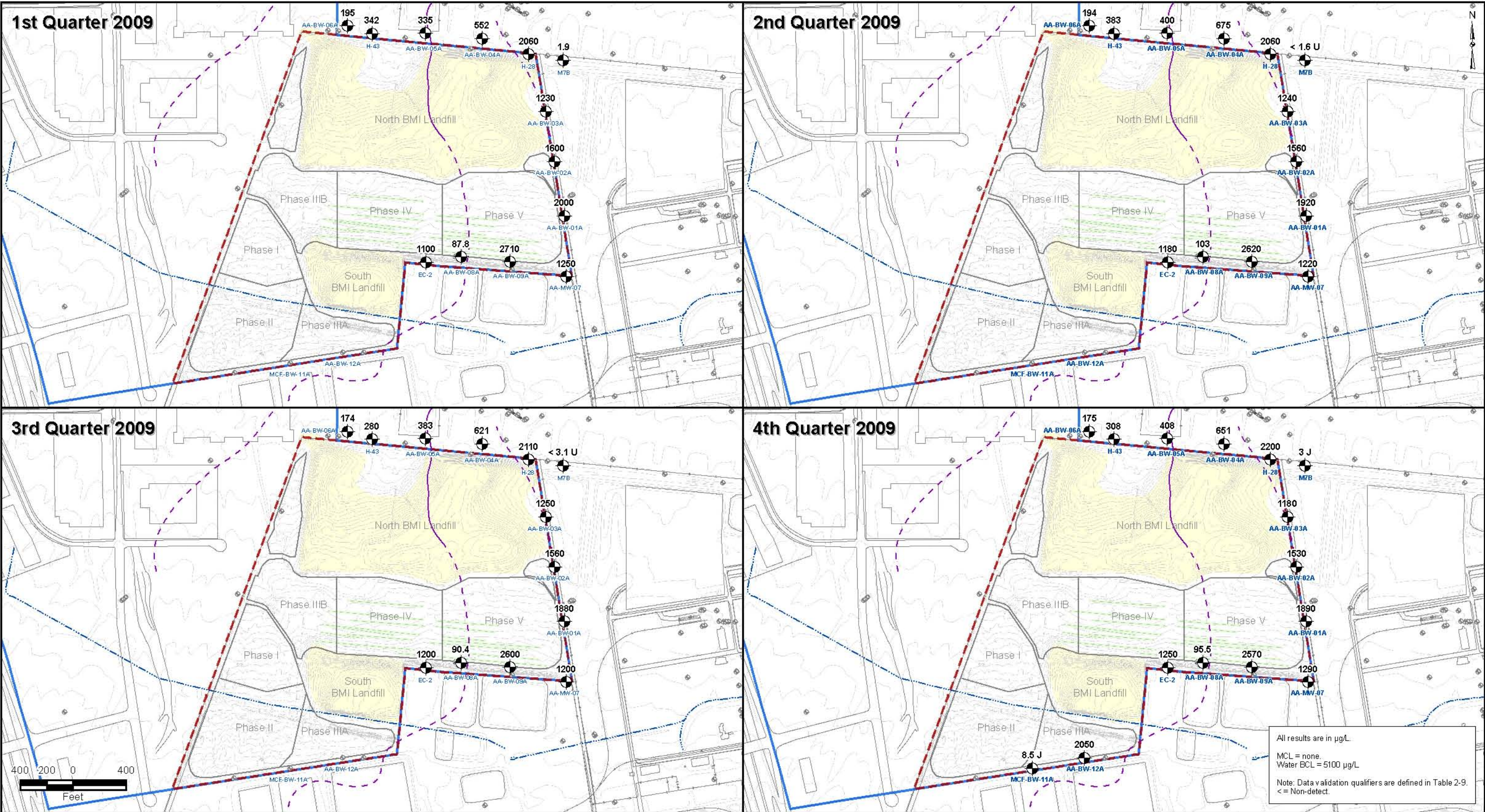
MANGANESE
IN SHALLOW WATER-
BEARING ZONE WELLS



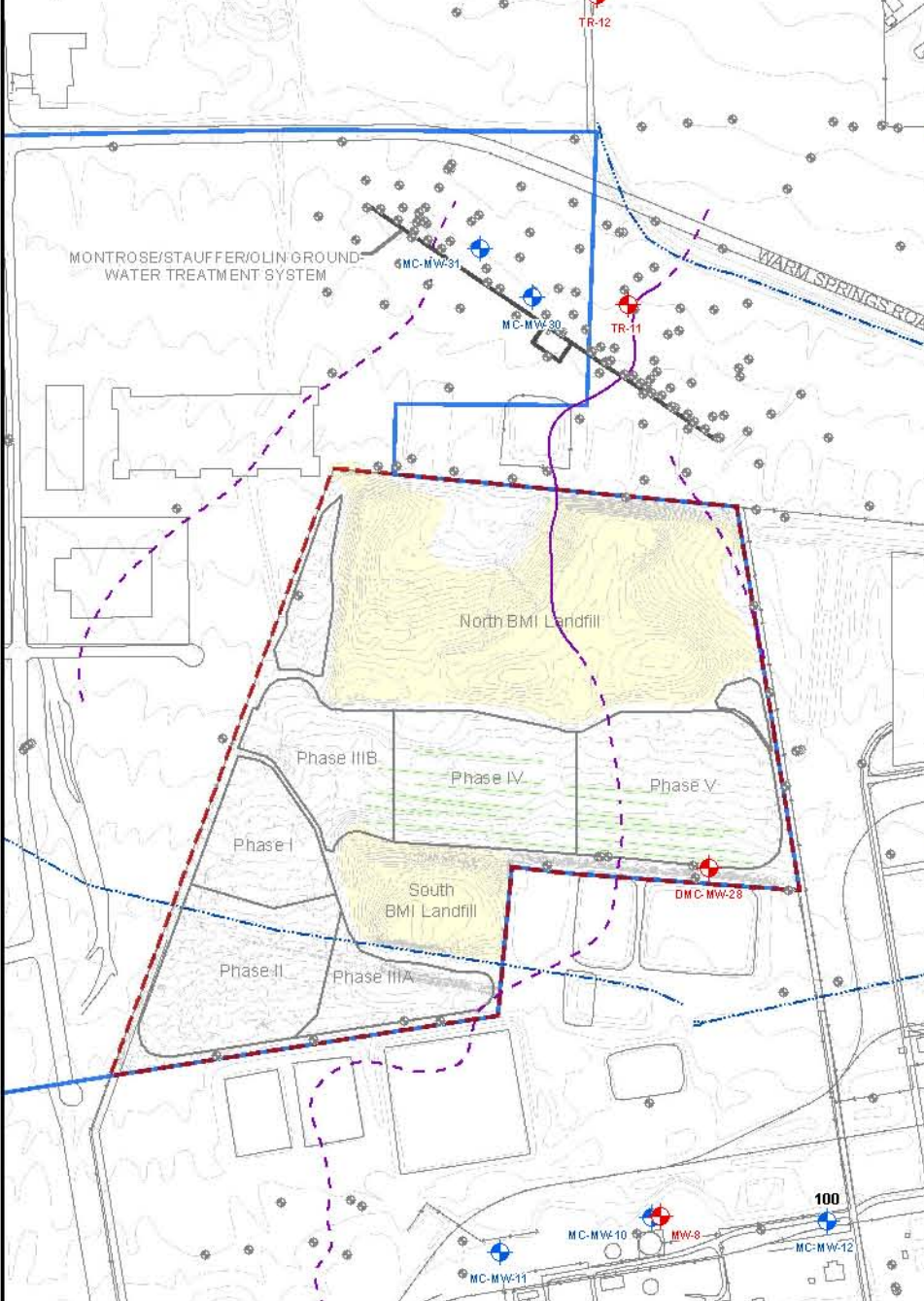
Prepared by
MKJ (ERM)

Date
03/26/12

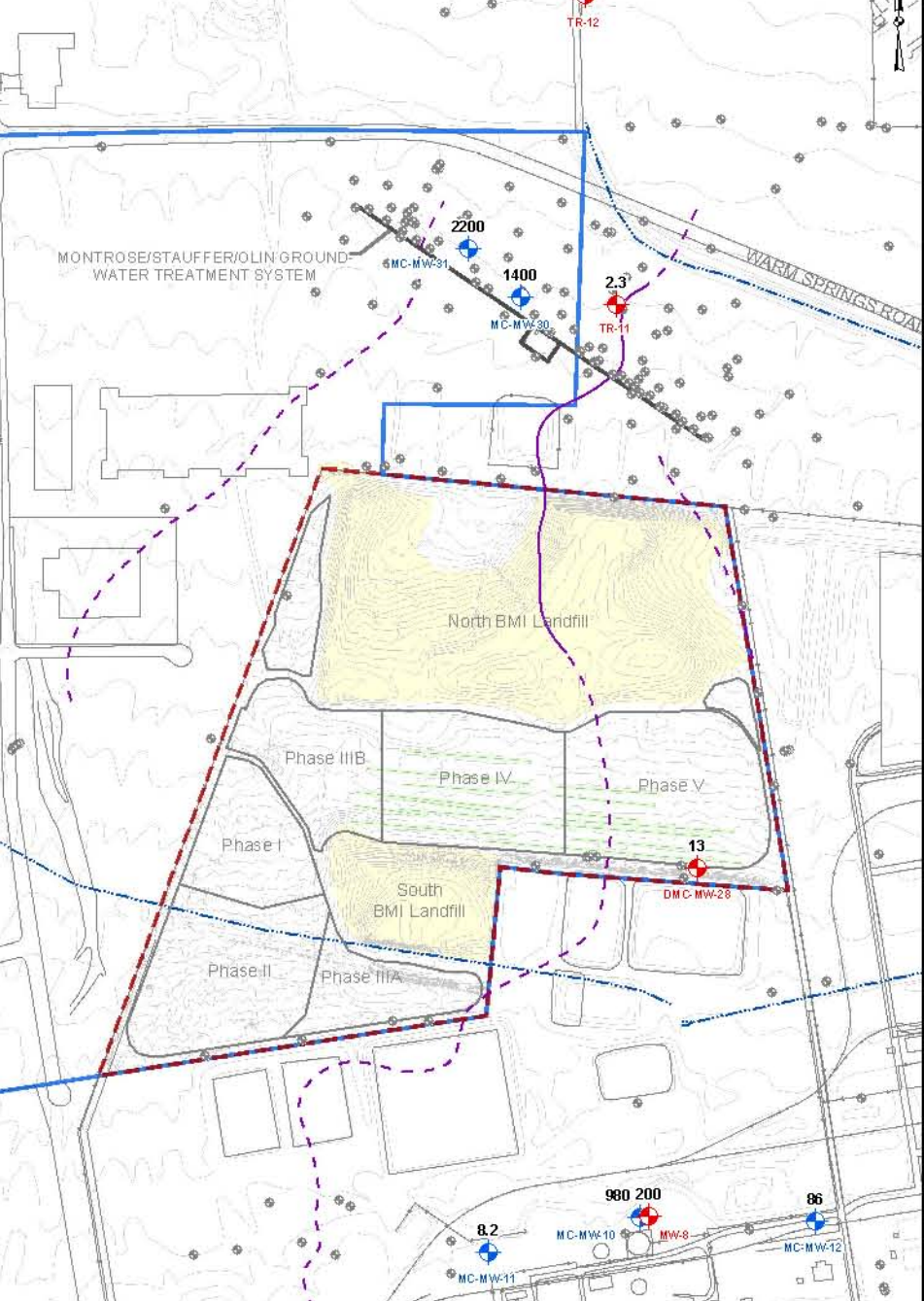
Job No. 0074742
File: GIS\BRC\CAMU_GMR\FIGURES\MXD



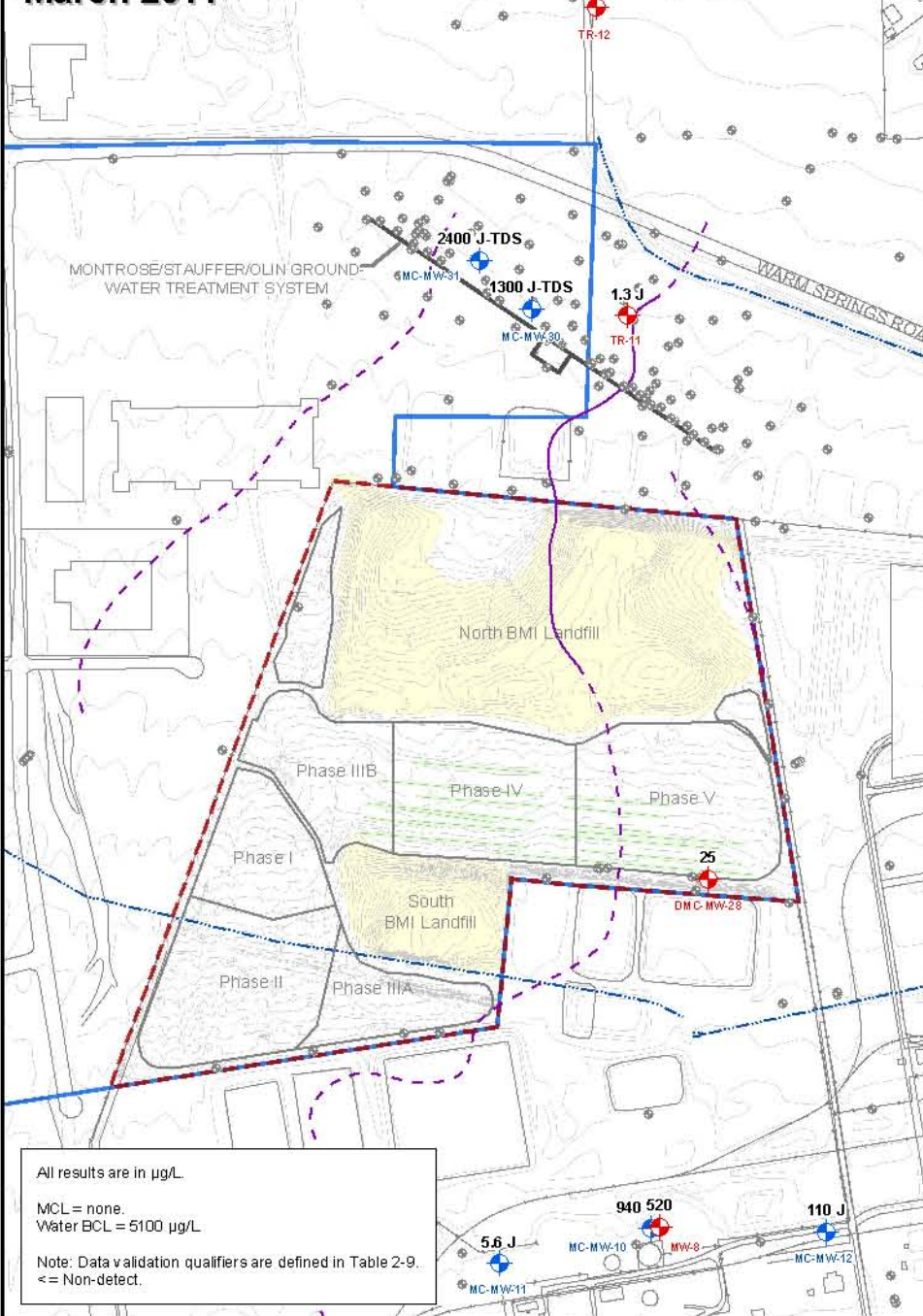
April/May 2010



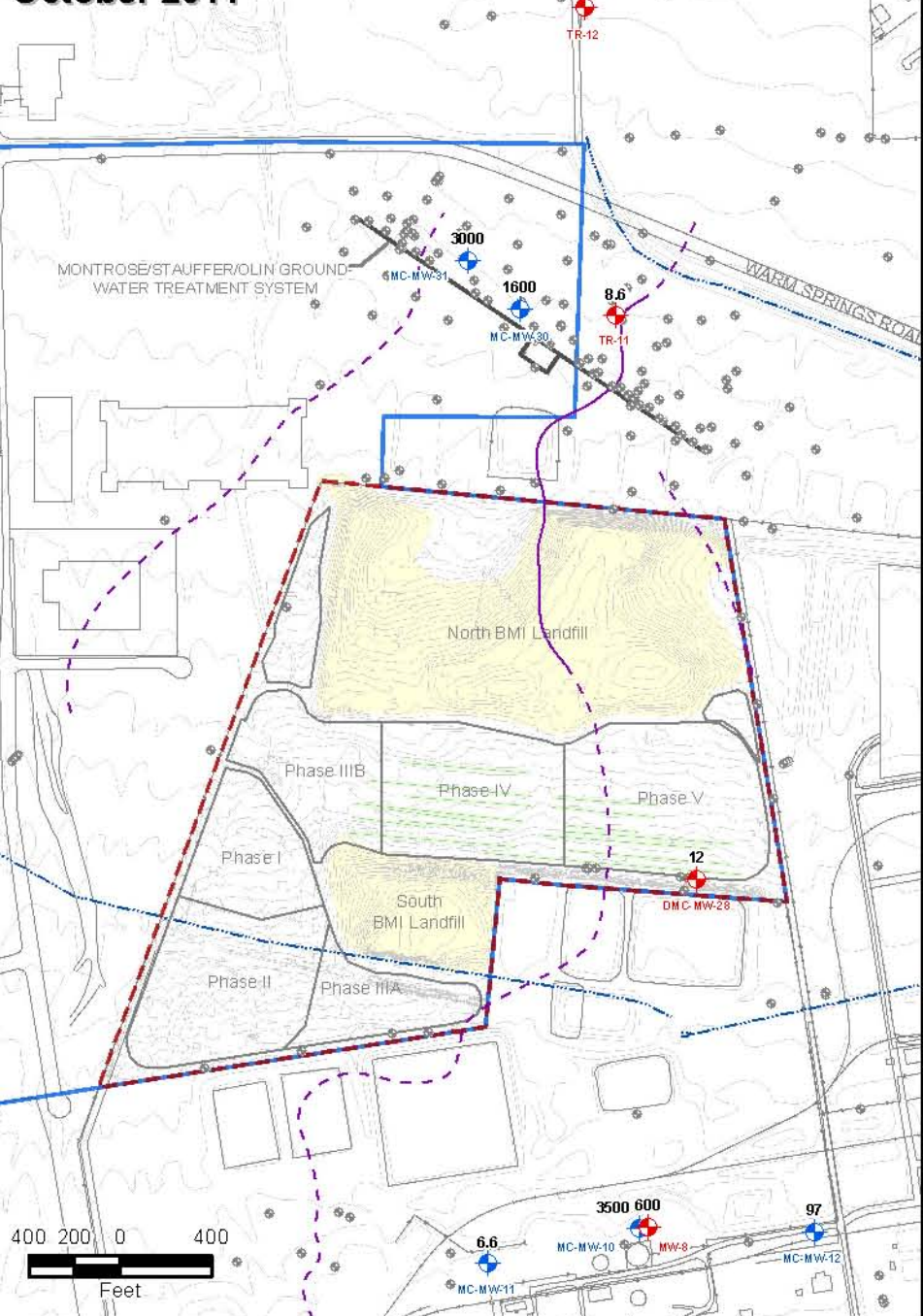
October 2010



March 2011



October 2011



All results are in µg/L.
MCL = none.
Water BCL = 5100 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
≤ Non-detect.

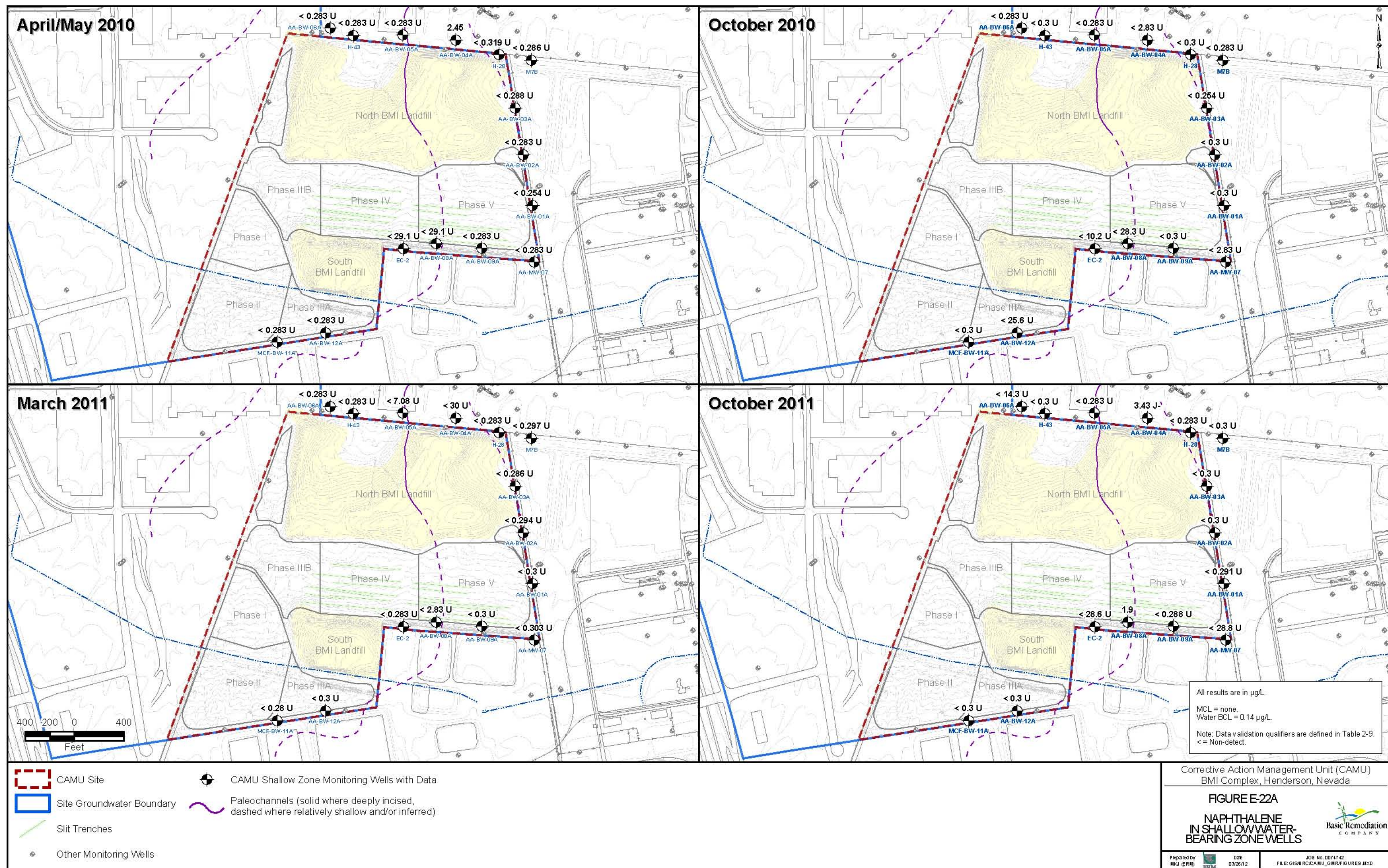
400 200 0 400
Feet

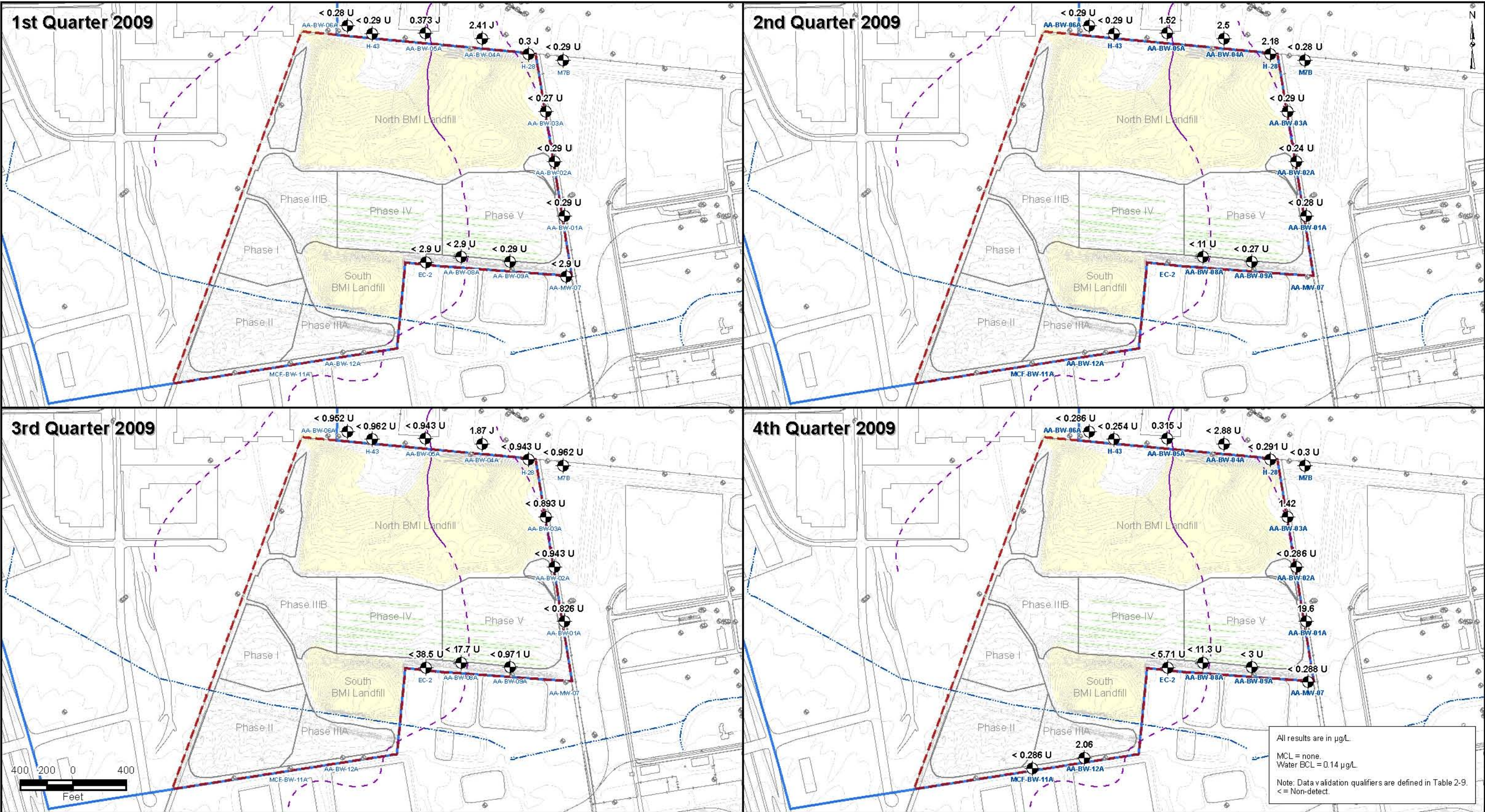
CAMU Site	CAMU Deep Zone Monitoring Wells with Data
Site Groundwater Boundary	CAMU Middle Zone Monitoring Wells with Data
Slit Trenches	Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)
Other Monitoring Wells	

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-21C
MANGANESE
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

Prepared by: MKJ (ERM) Date: 03/26/12 JOB No. 0074742 FILE: GIS/RC/CAMU_GMR/FIGURES.MXD





Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-22B

**NAPHTHALENE
IN SHALLOW WATER-
BEARING ZONE WELLS**

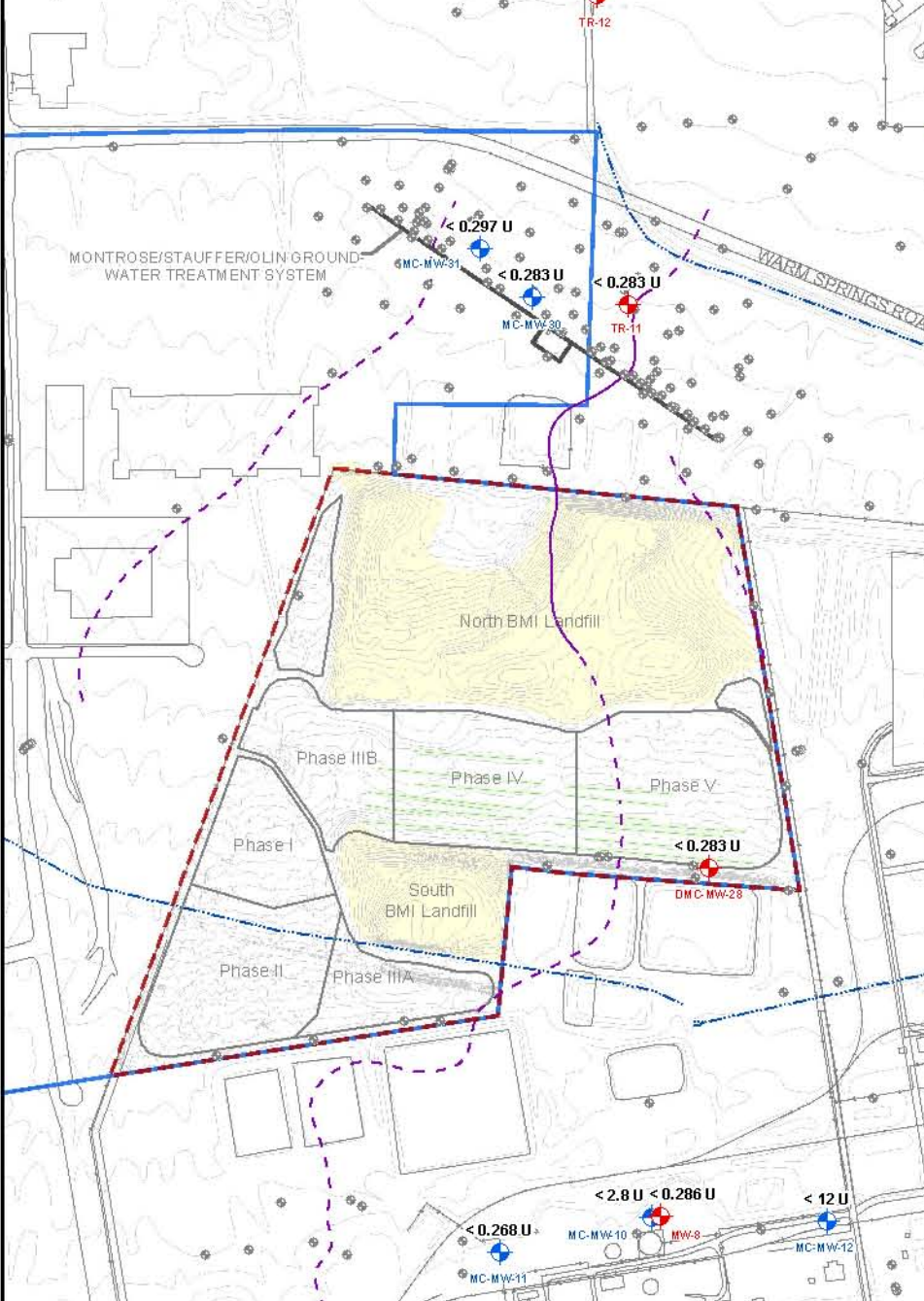


Prepared by
MKJ (ERM)

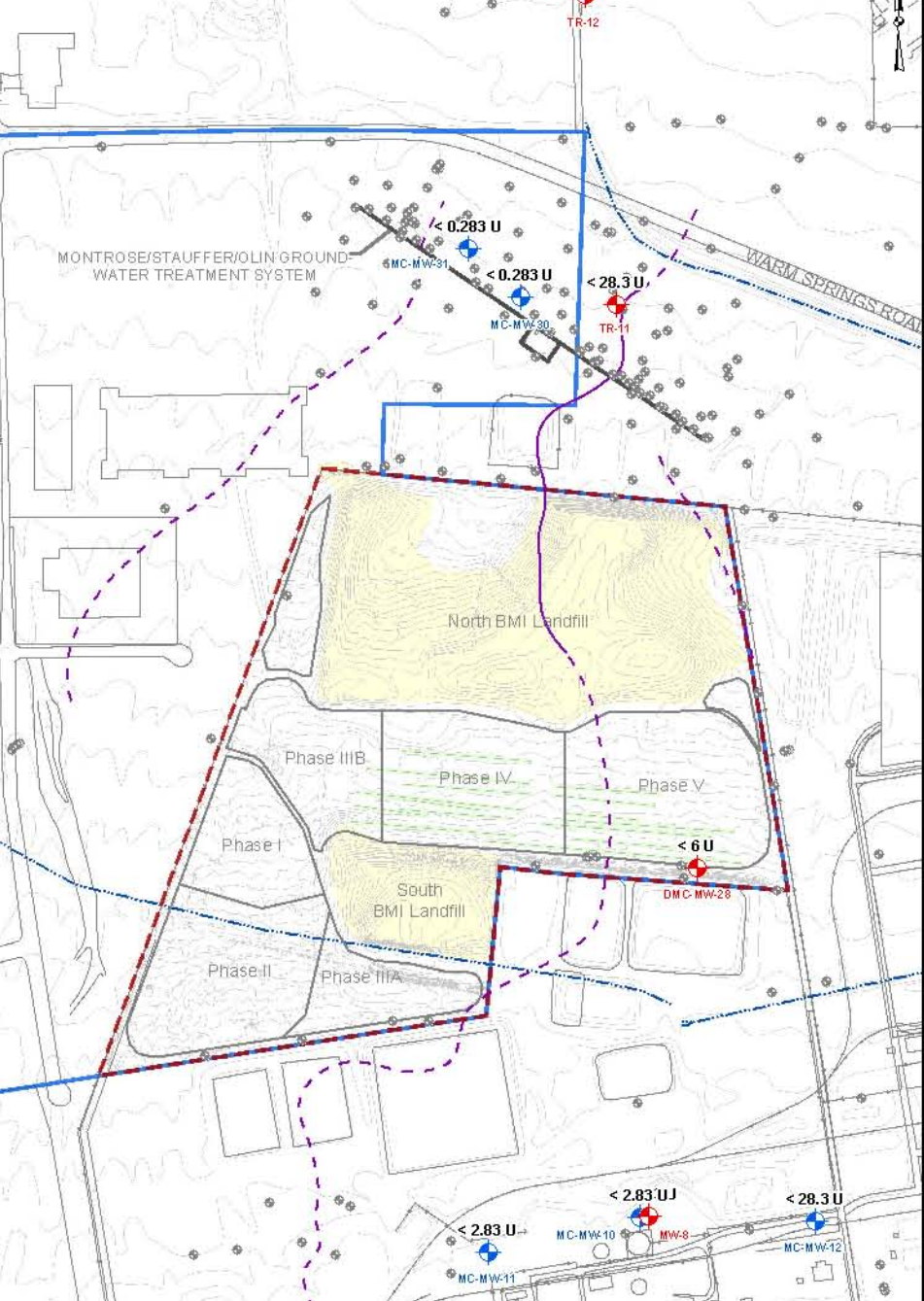
Date
03/26/12

Job No. 0074742
File: GIS\BRC\CAMU_GMR\FIGURES\MXD

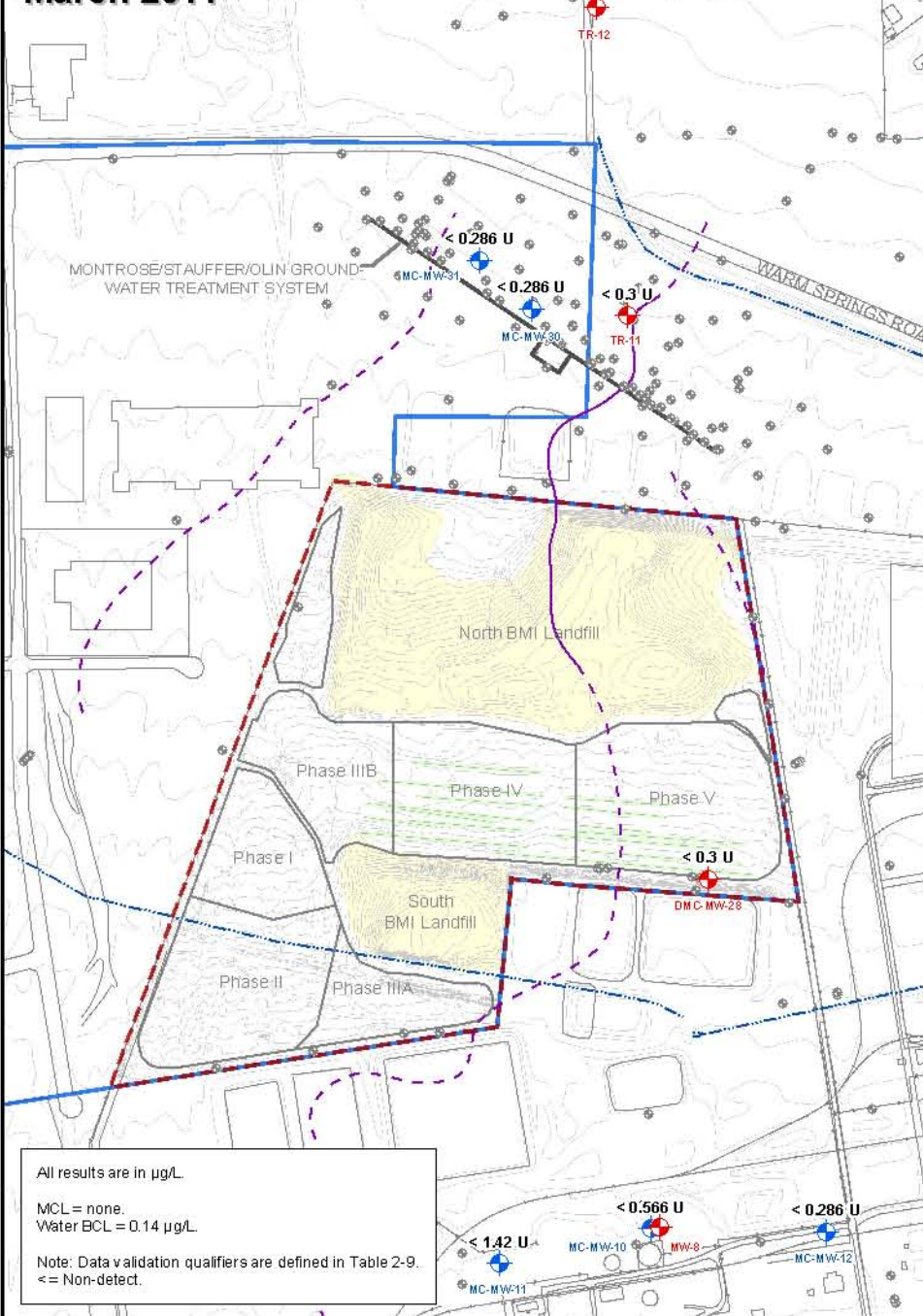
April/May 2010



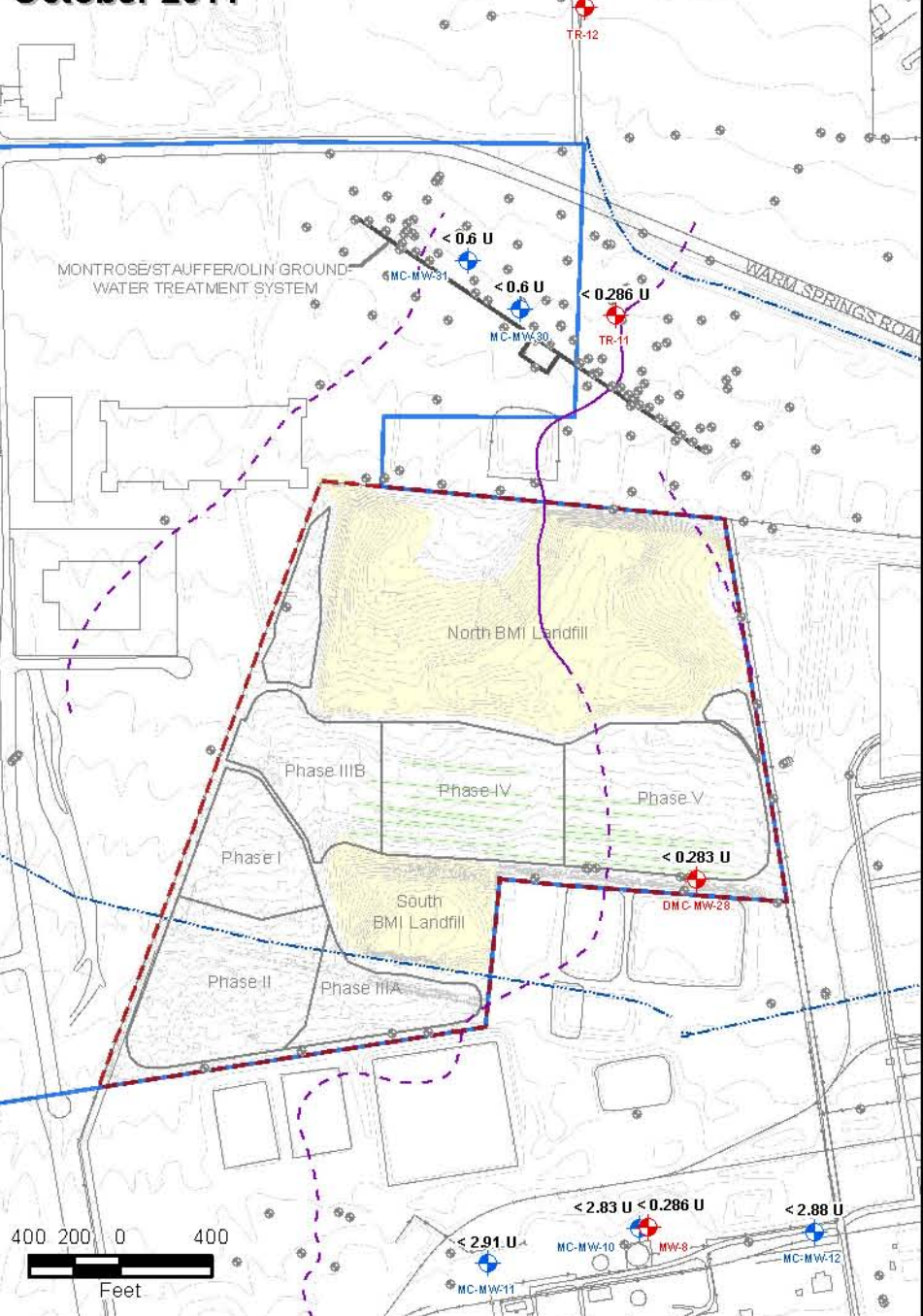
October 2010



March 2011



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All results are in µg/L.
MCL = none.
Water BCL = 0.14 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
≤ = Non-detect.

400 200 0 400
Feet

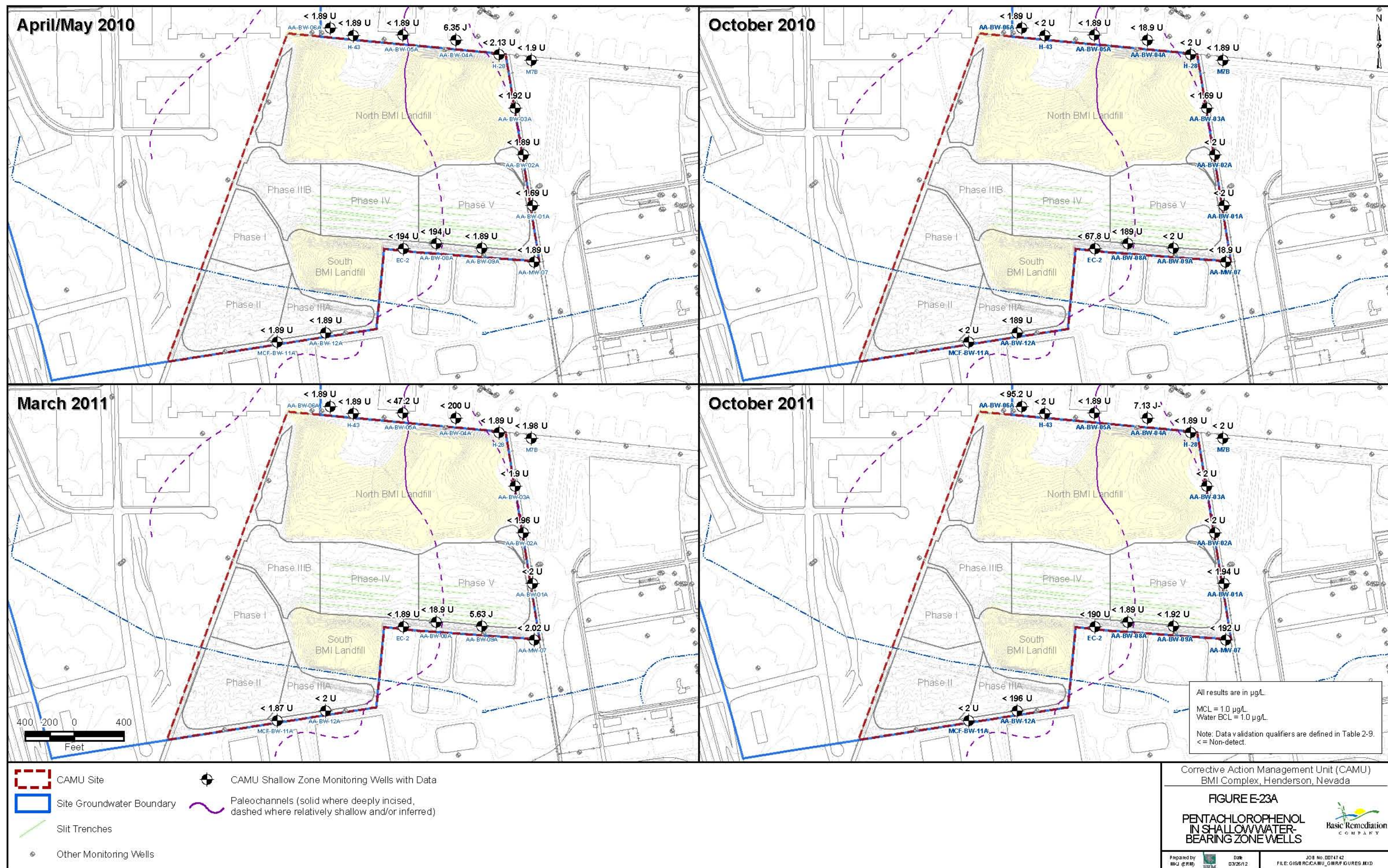
CAMU Site	CAMU Deep Zone Monitoring Wells with Data
Site Groundwater Boundary	CAMU Middle Zone Monitoring Wells with Data
Slit Trenches	Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)
Other Monitoring Wells	

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

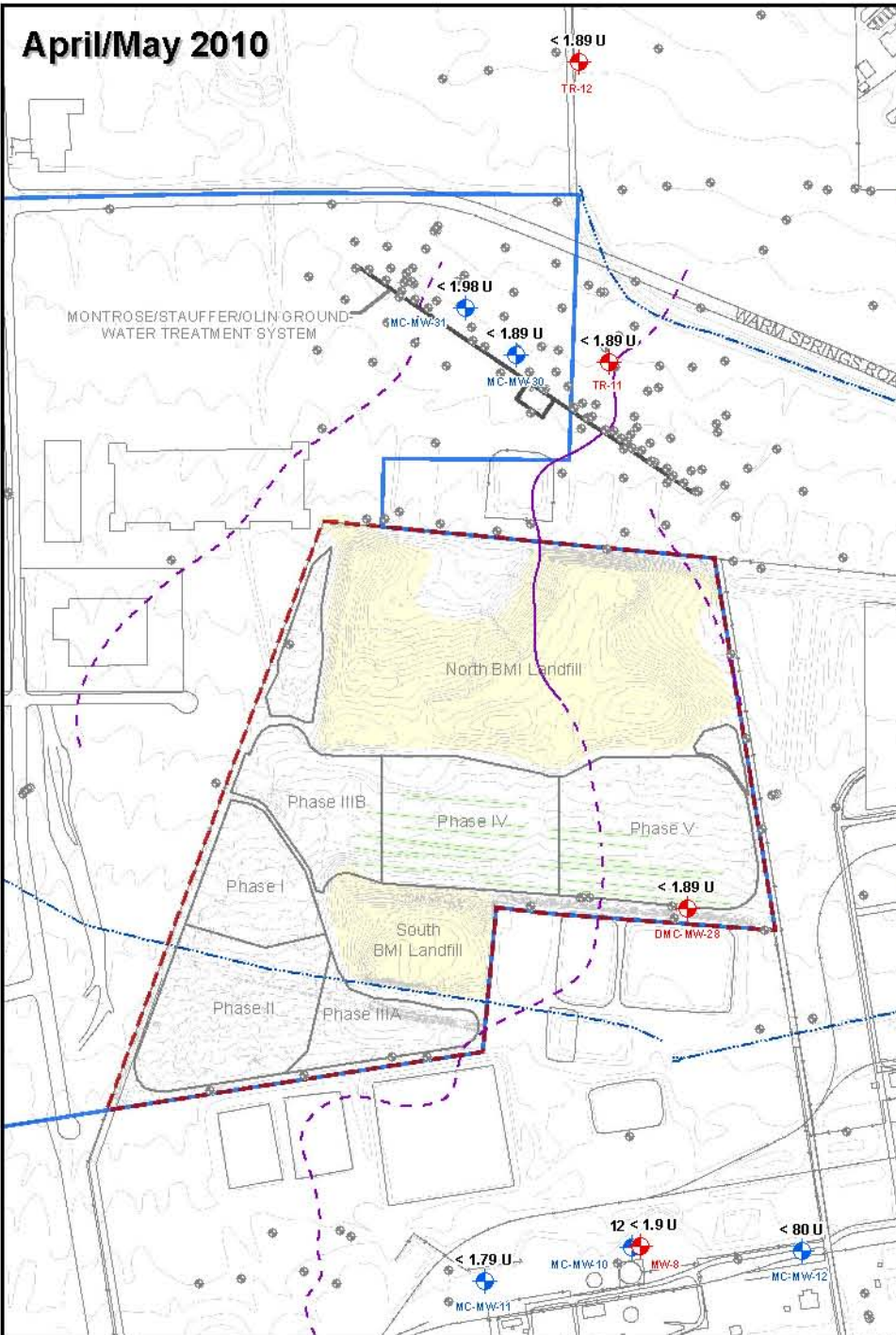
FIGURE E-22C

**NAPHTHALENE
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS**

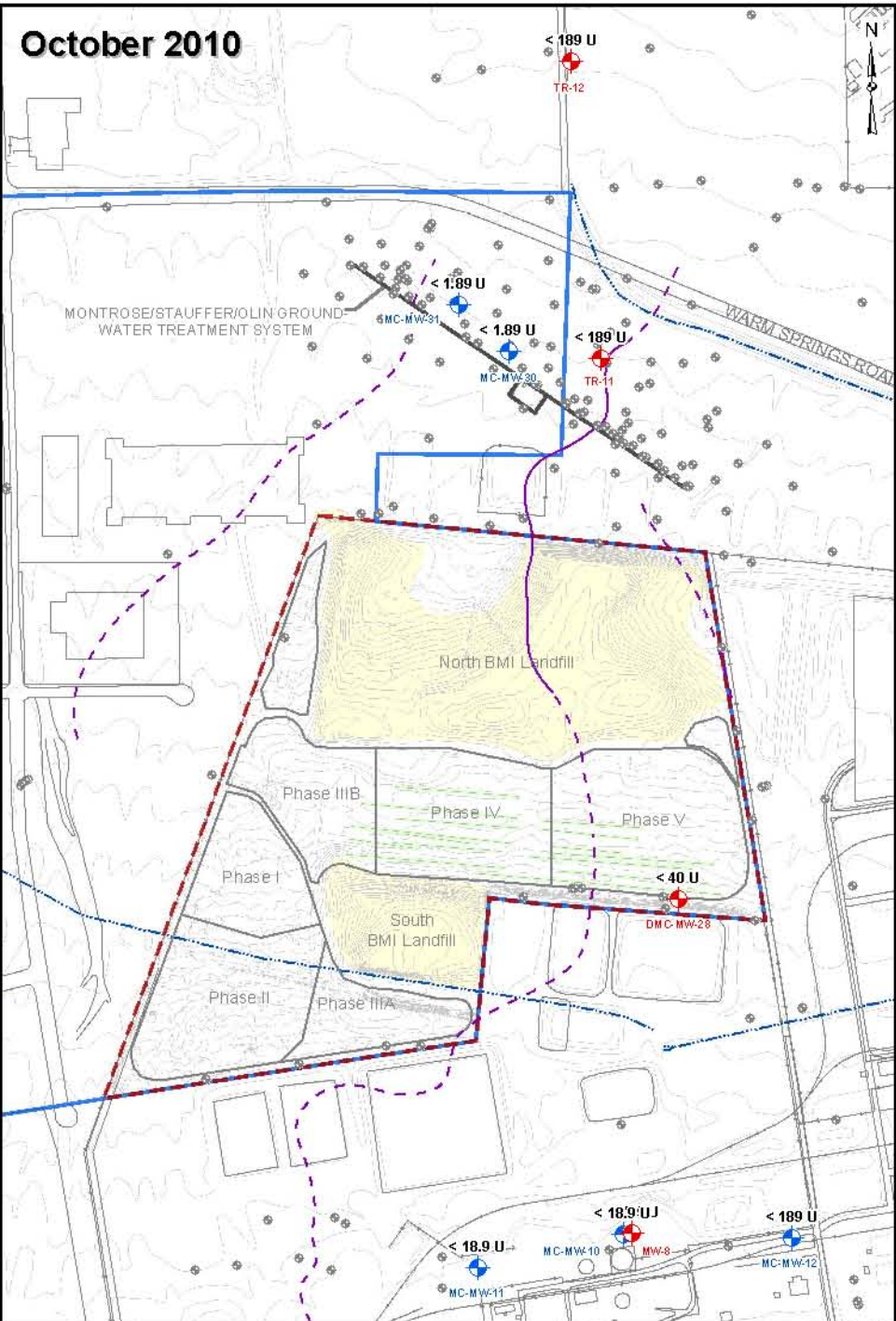
Prepared by: NIKU (ERM) Date: 03/26/12 JOB No. 0074742 FILE: GIS\RCCAMU_GMR\FIGURES.MXD



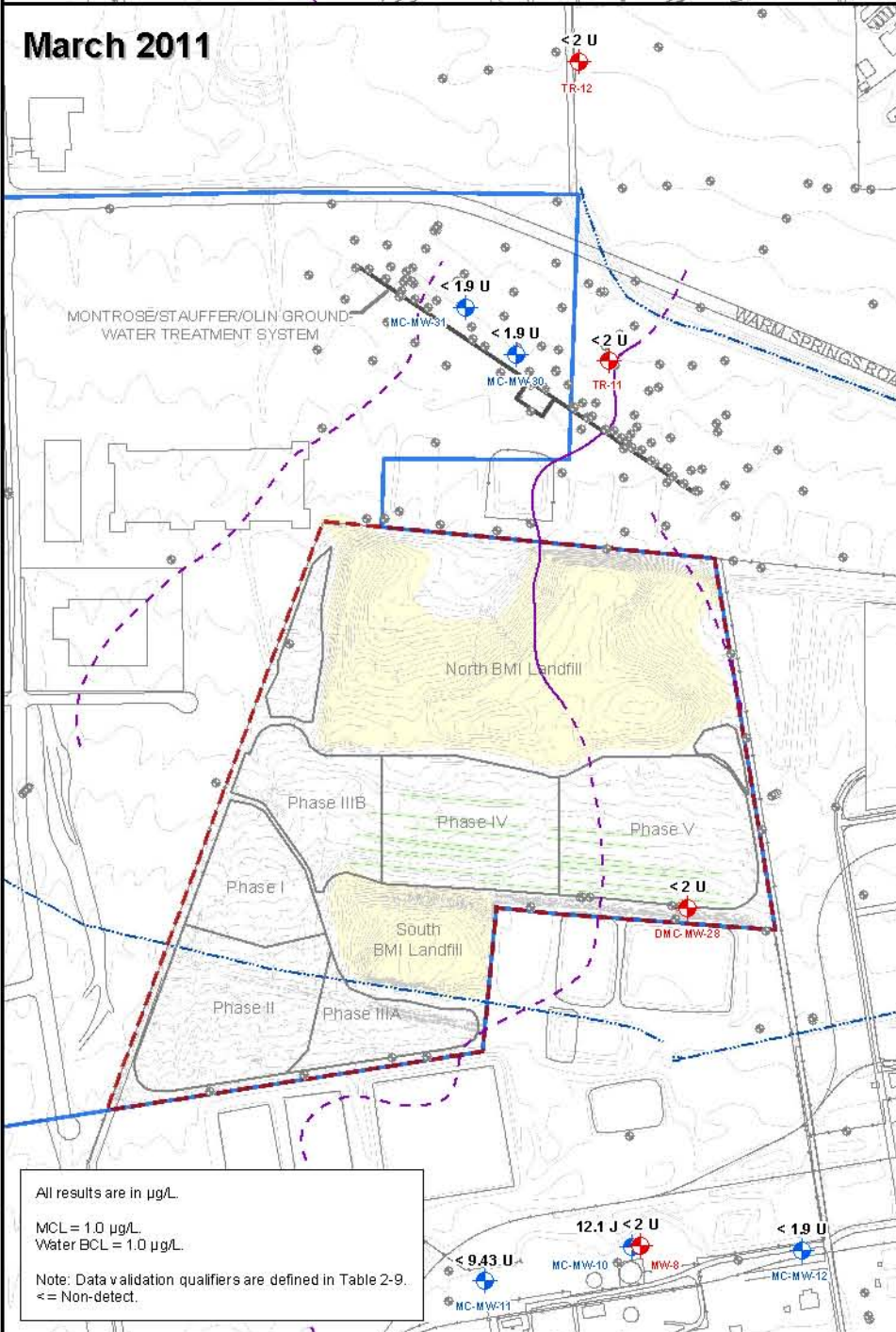
April/May 2010



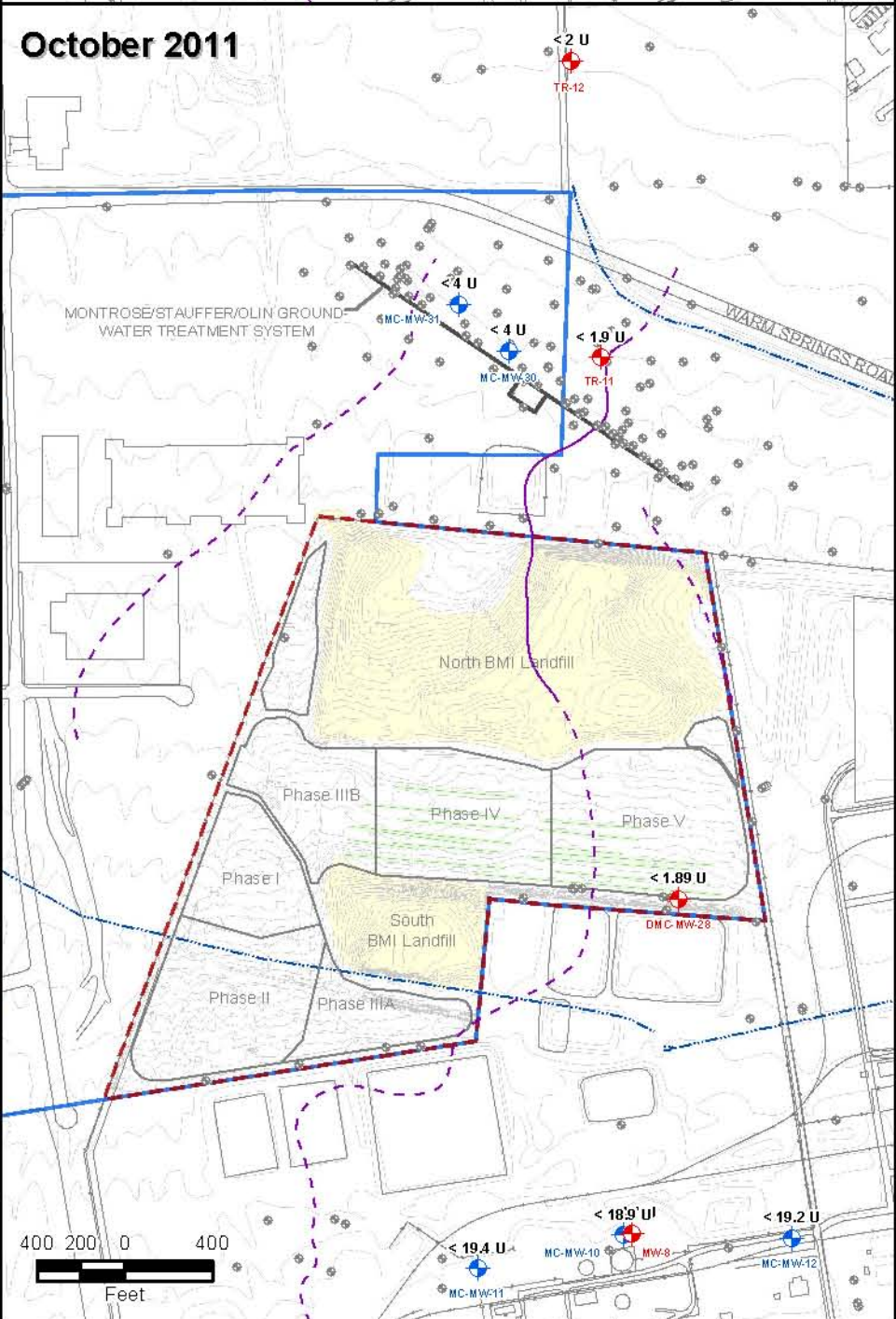
October 2010



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All results are in µg/L.
MCL = 1.0 µg/L.
Water BCL = 1.0 µg/L.
Note: Data validation qualifiers are defined in Table 2-9.
< = Non-detect.

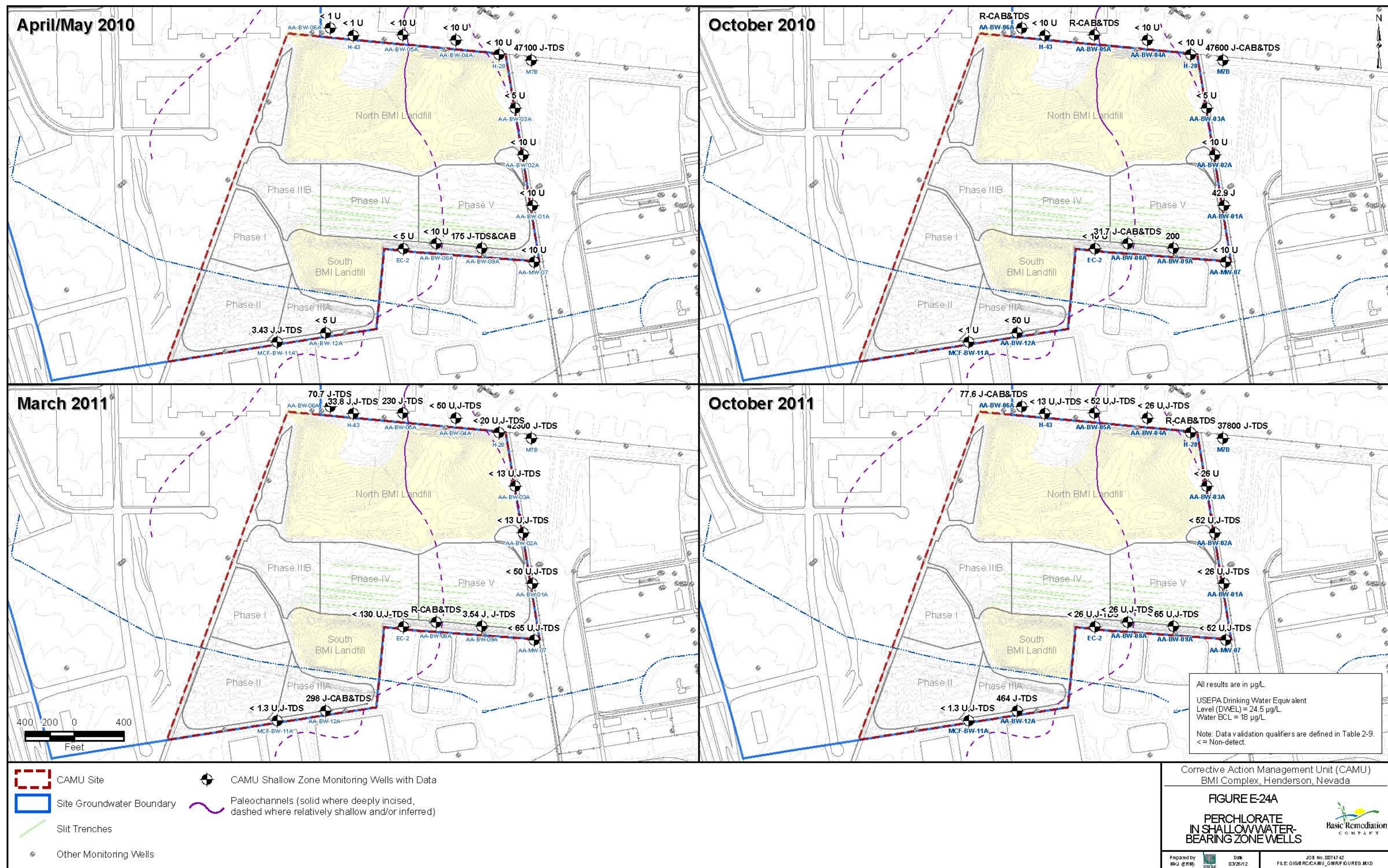
- CAMU Site
- Site Groundwater Boundary
- Slit Trenches
- Other Monitoring Wells
- CAMU Deep Zone Monitoring Wells with Data
- CAMU Middle Zone Monitoring Wells with Data
- Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

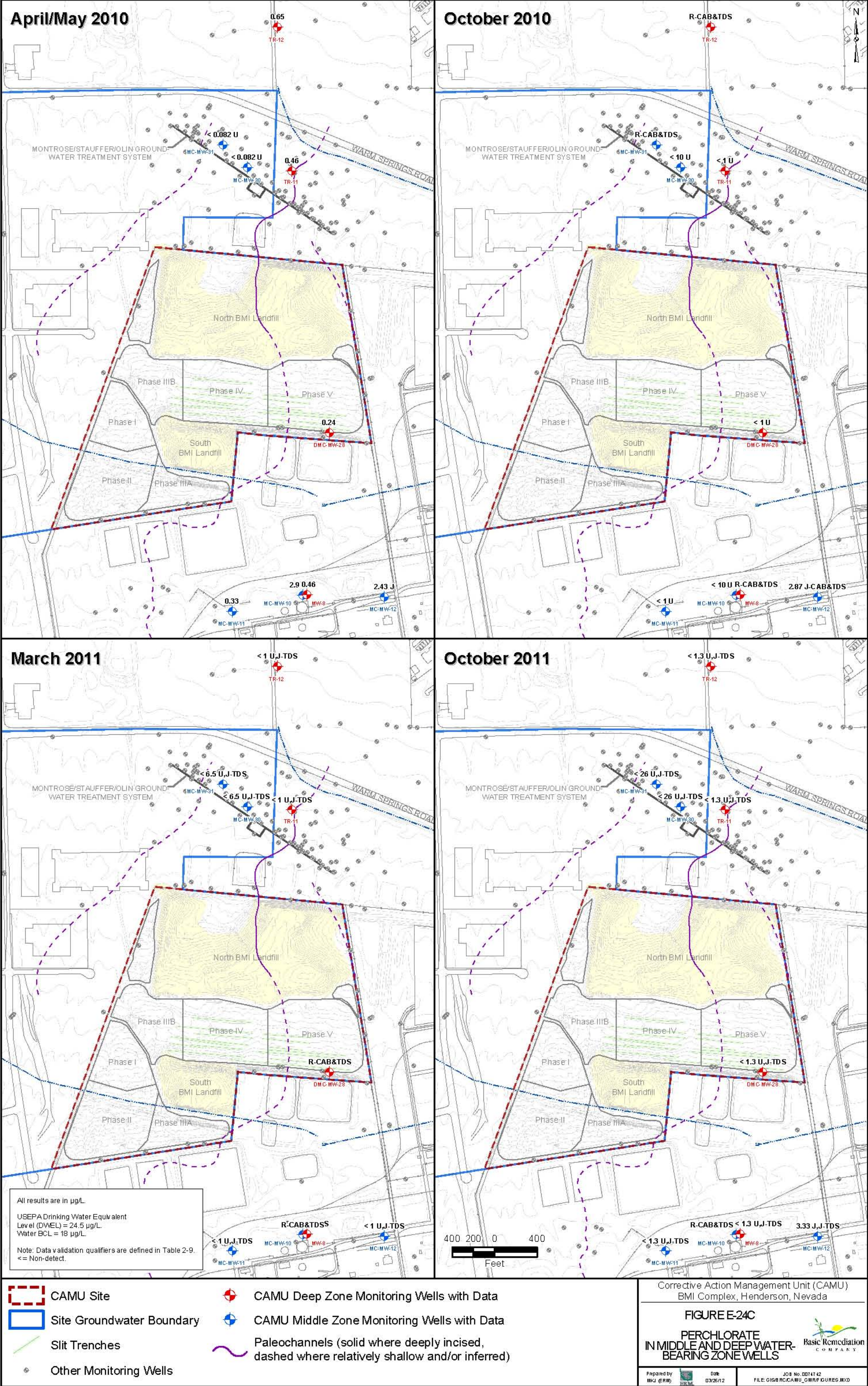
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

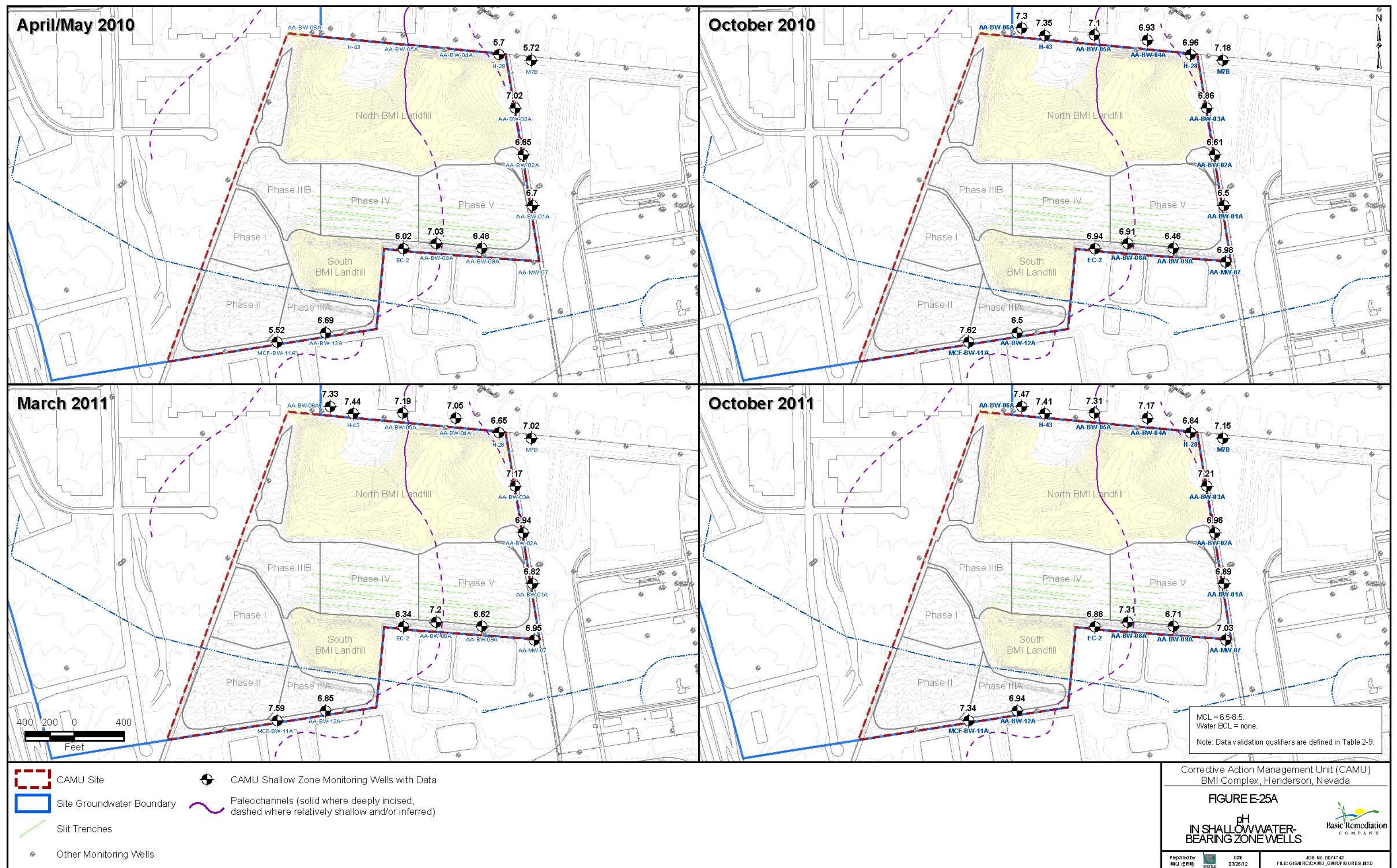
FIGURE E-23C

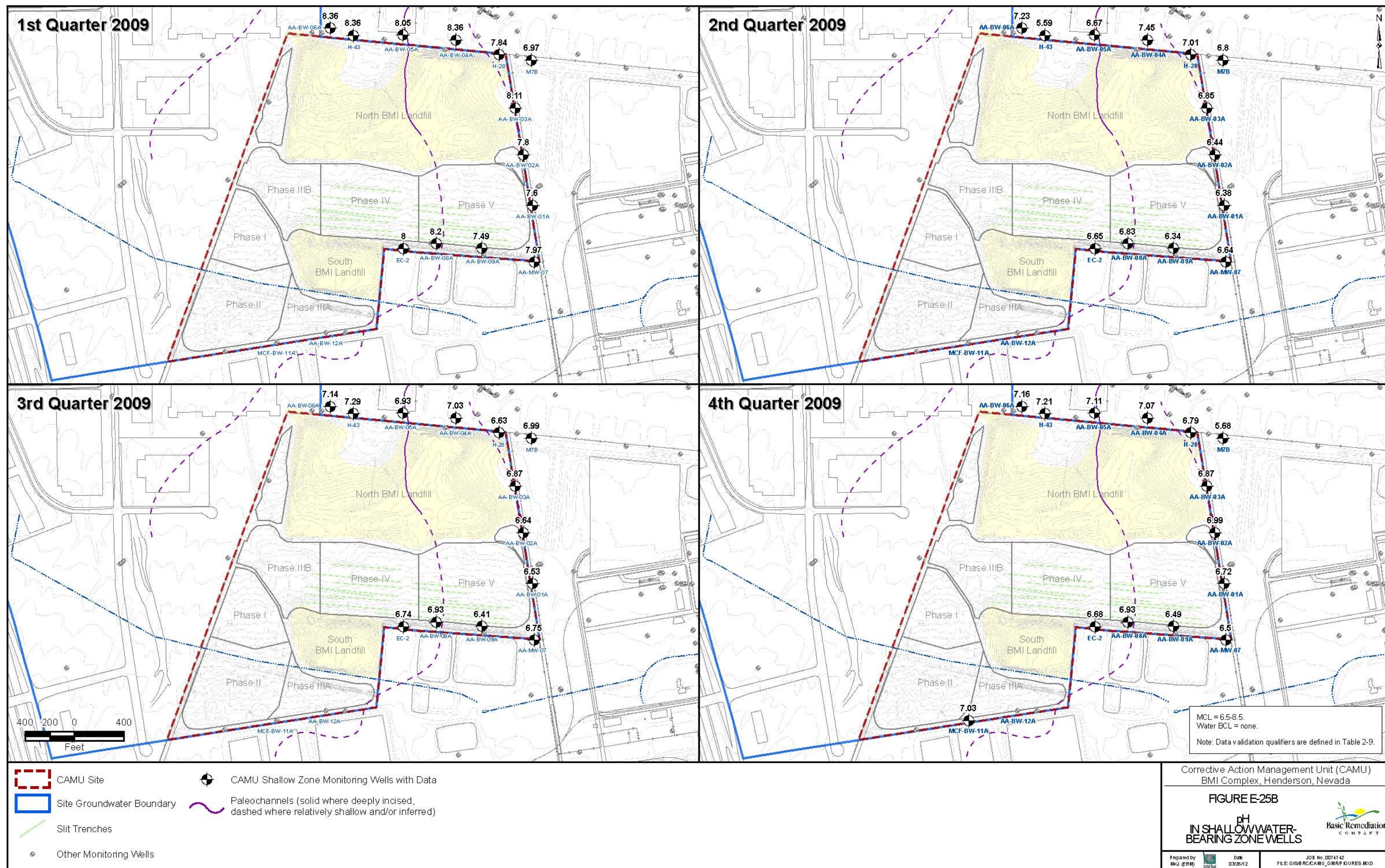
PENTACHLOROPHENOL
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS

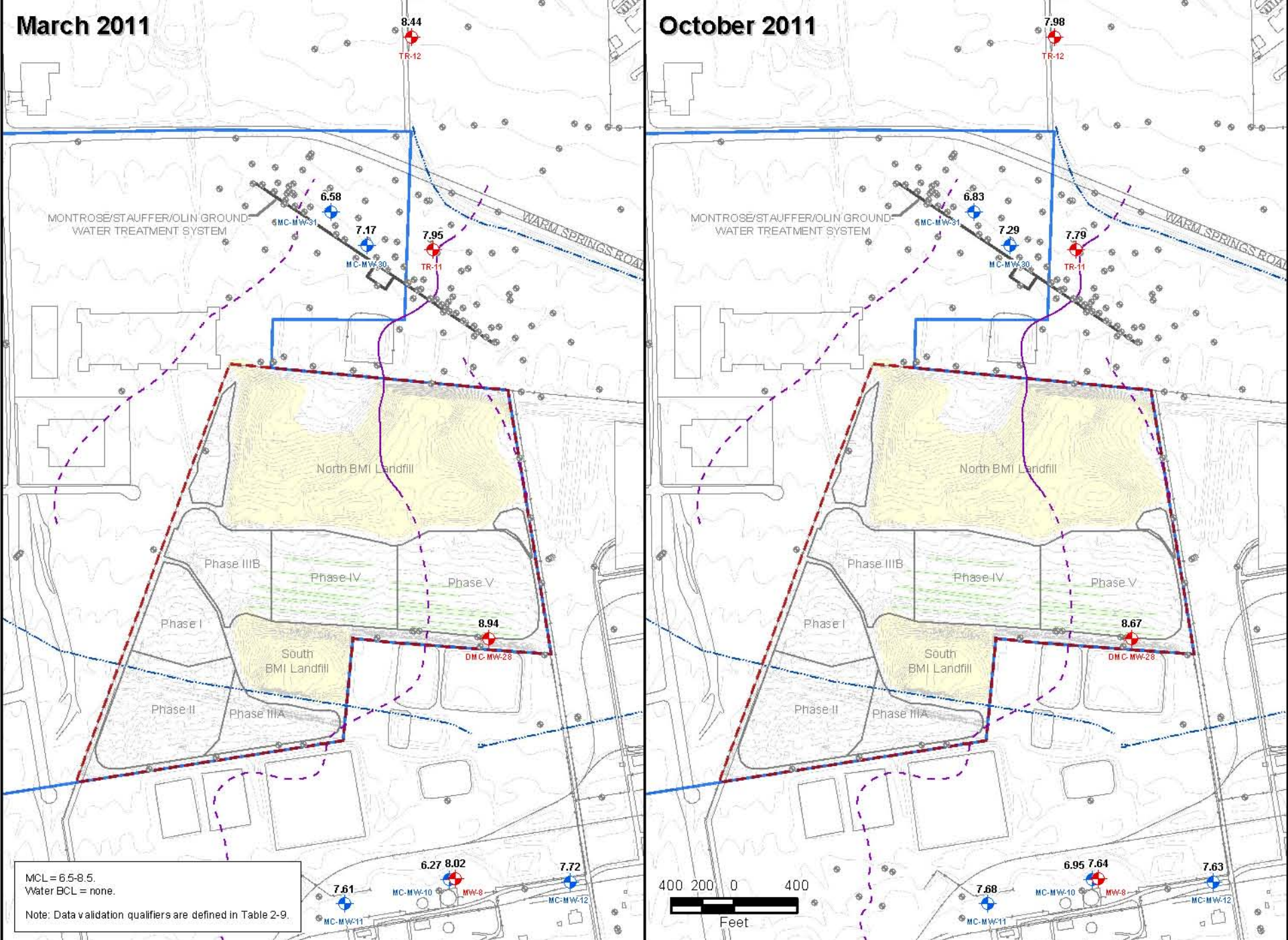
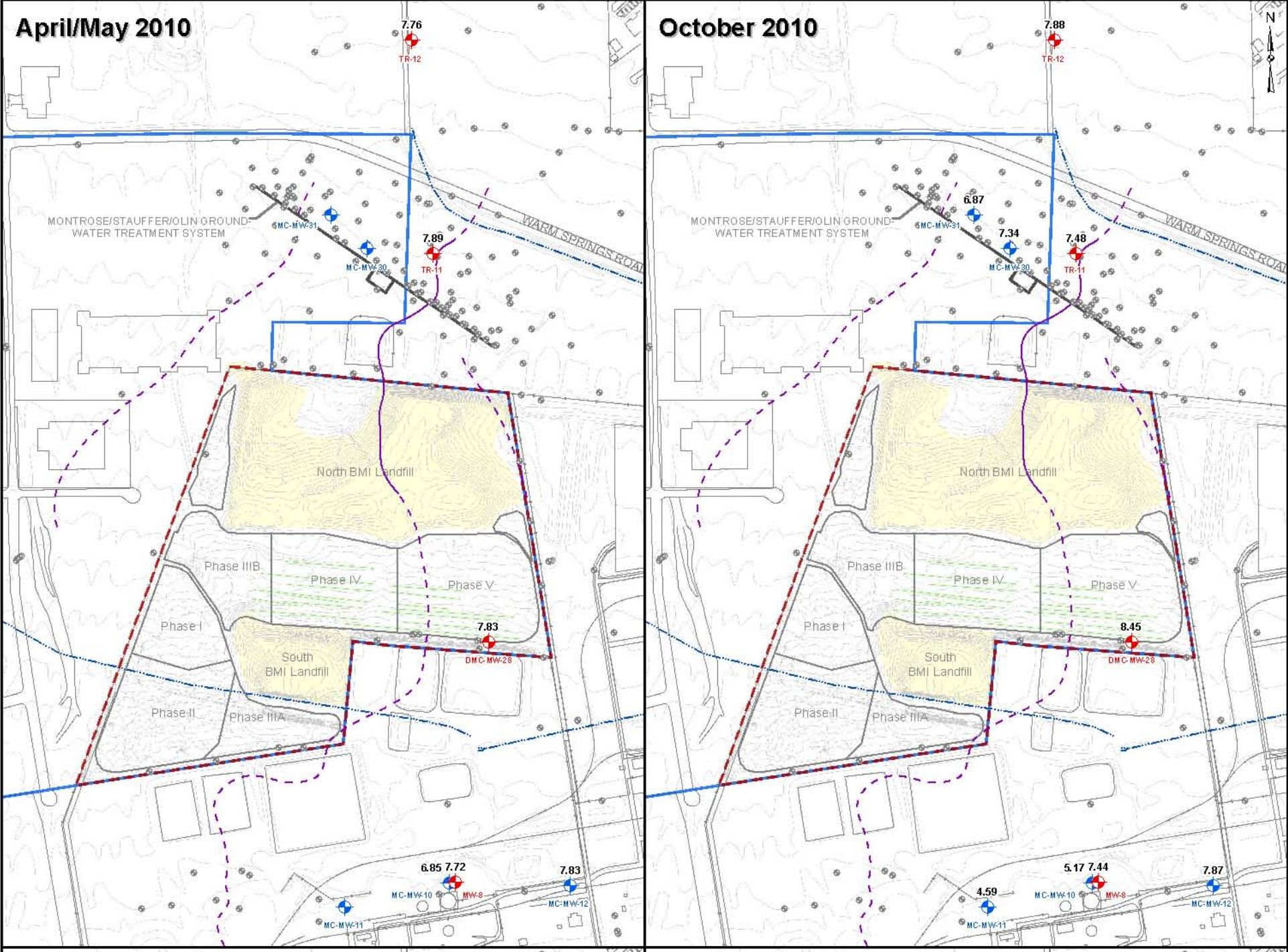












CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-25C

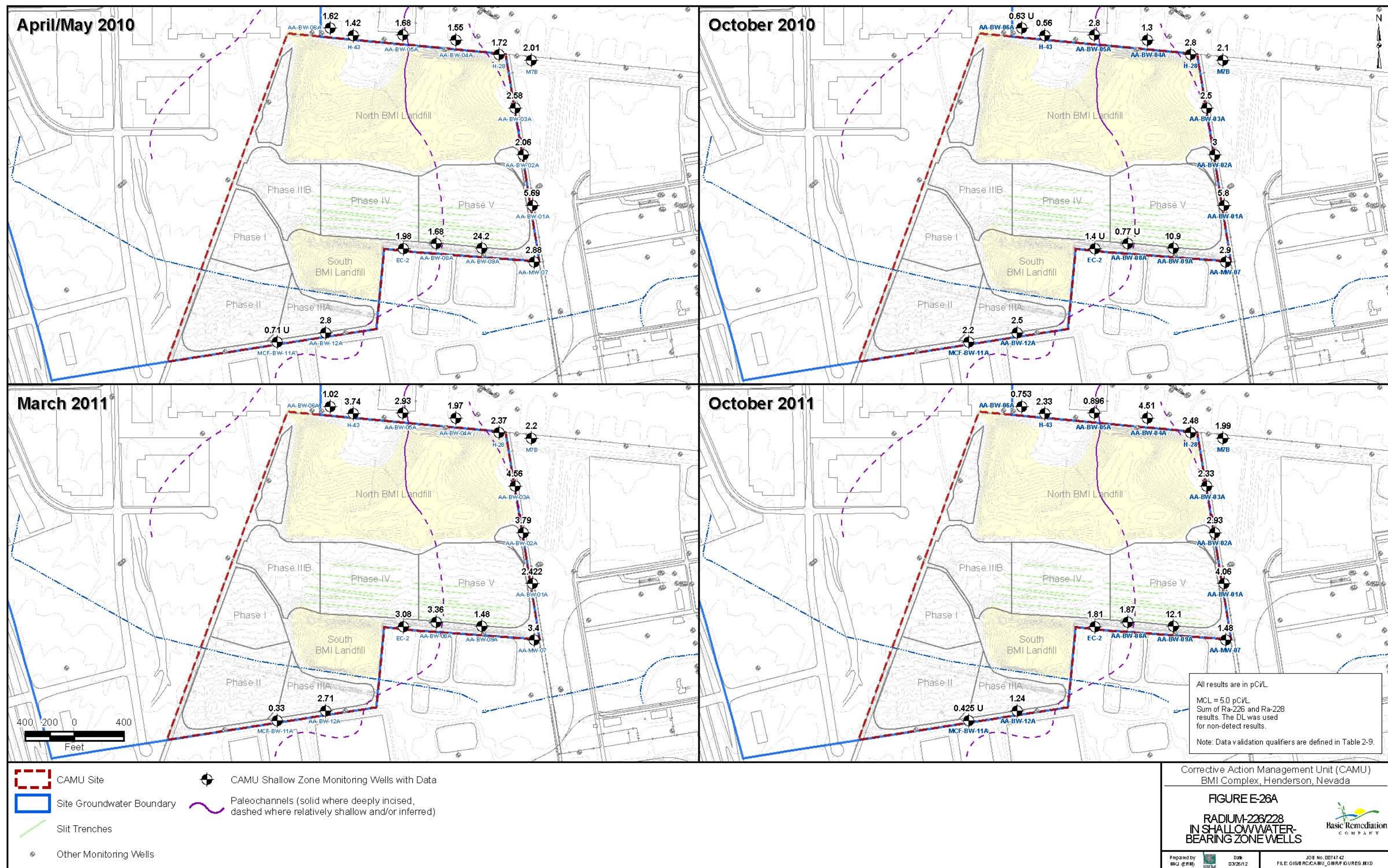
pH
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

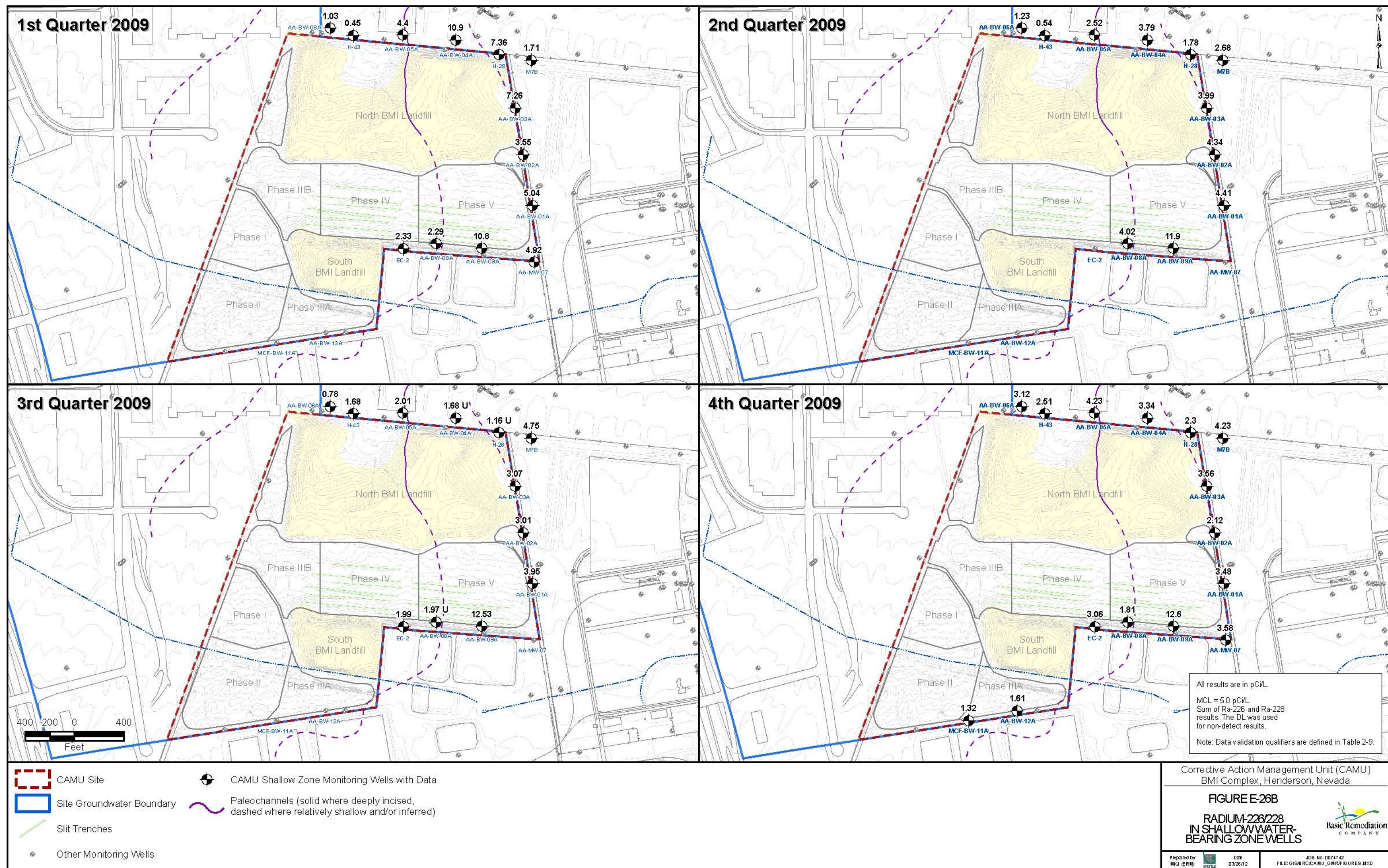
Prepared by
MKJ (ERM)

Date
03/26/12

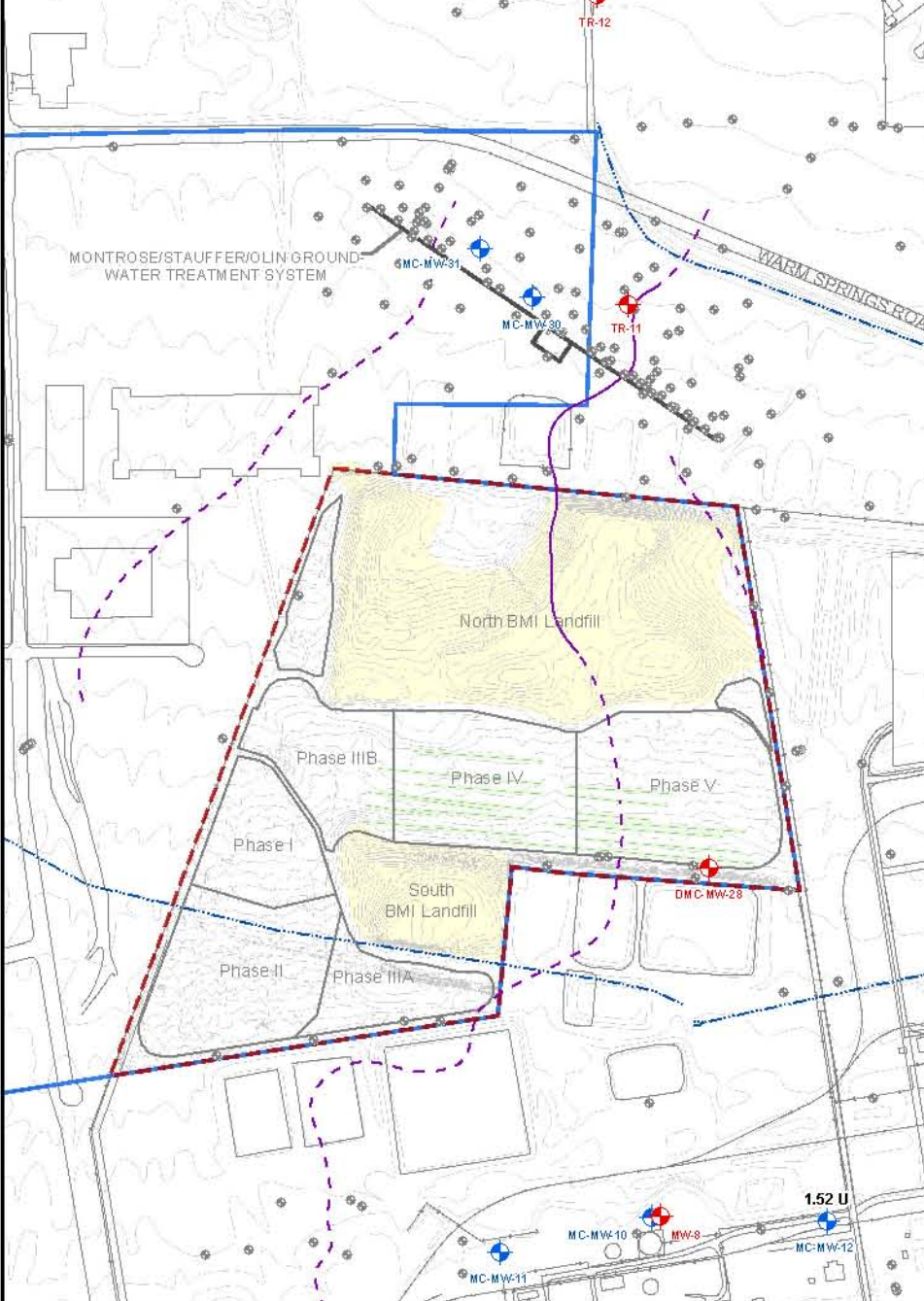
JOB No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES.MXD

Basic Remediation
COMPANY

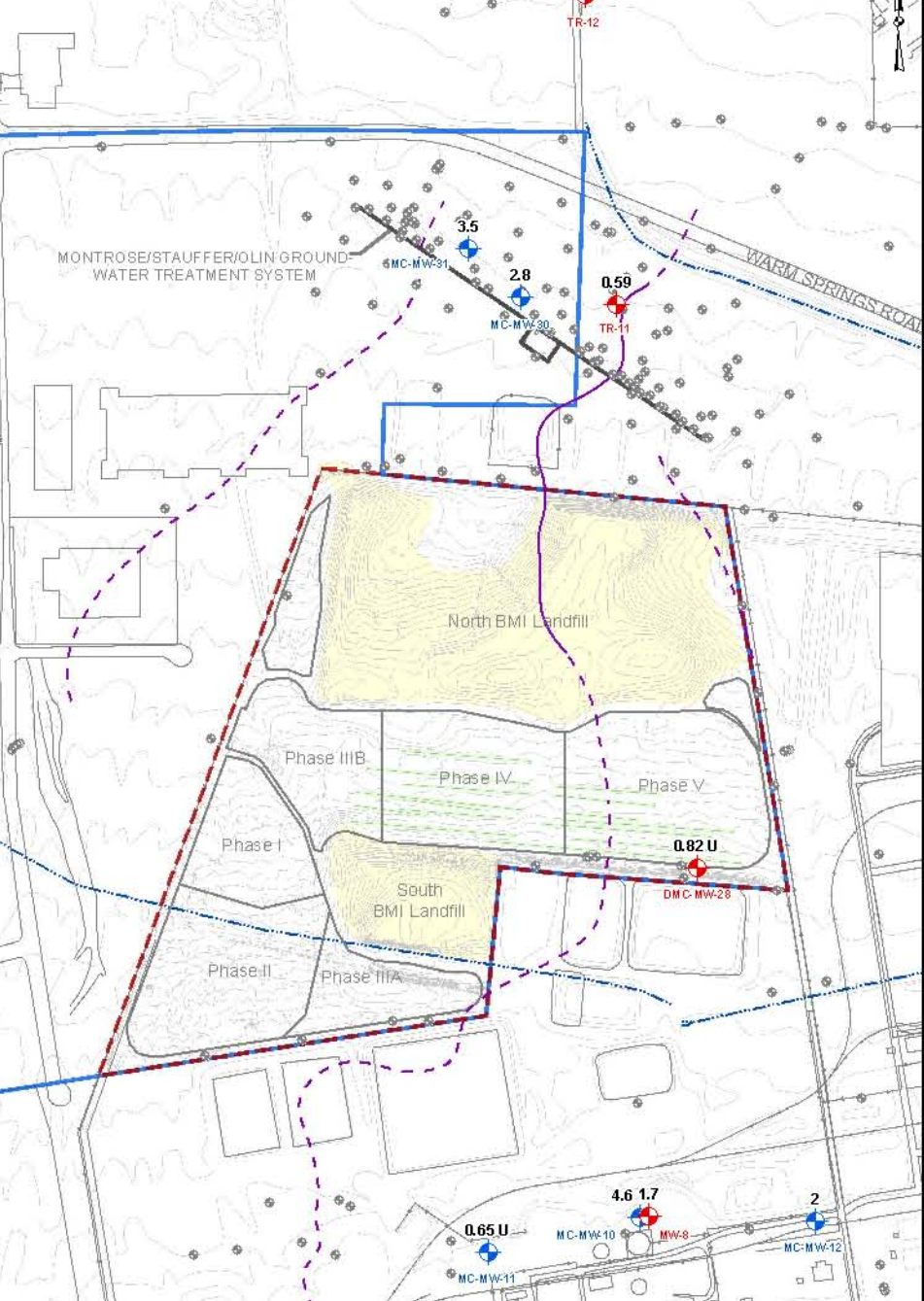




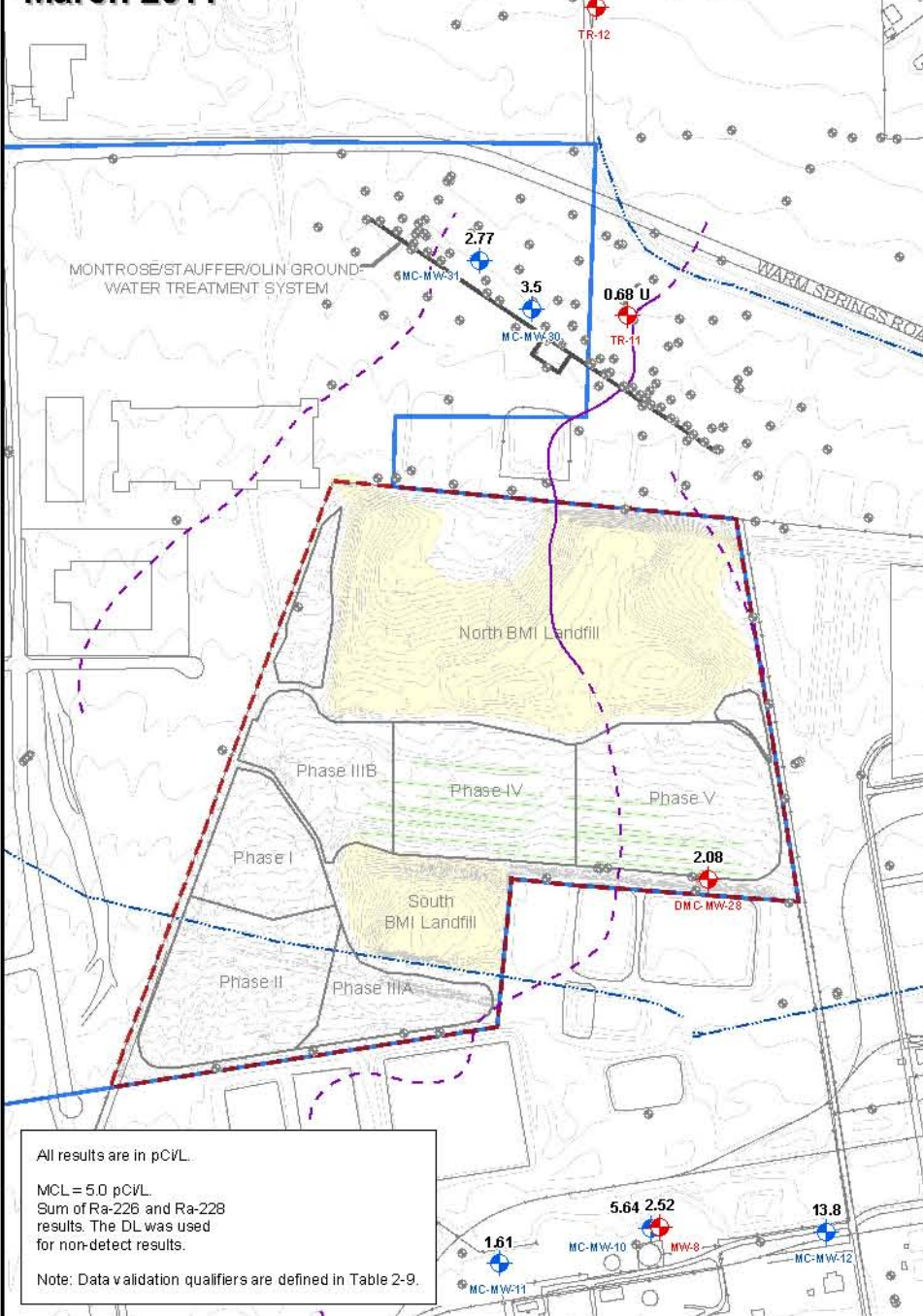
April/May 2010



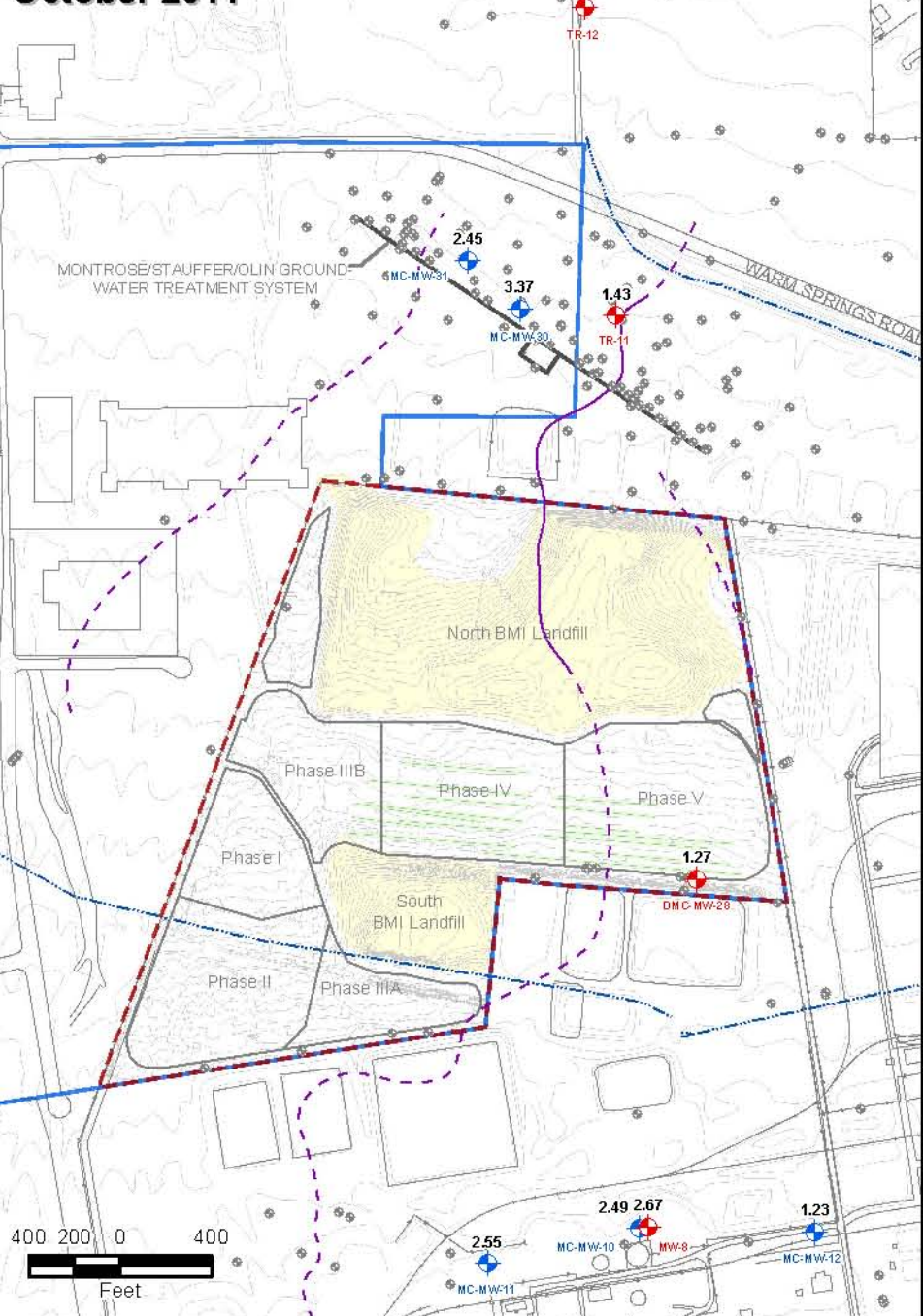
October 2010



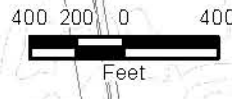
March 2011



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All results are in pCi/L.
MCL = 5.0 pCi/L.
Sum of Ra-226 and Ra-228 results. The DL was used for non-detect results.
Note: Data validation qualifiers are defined in Table 2-9.



CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

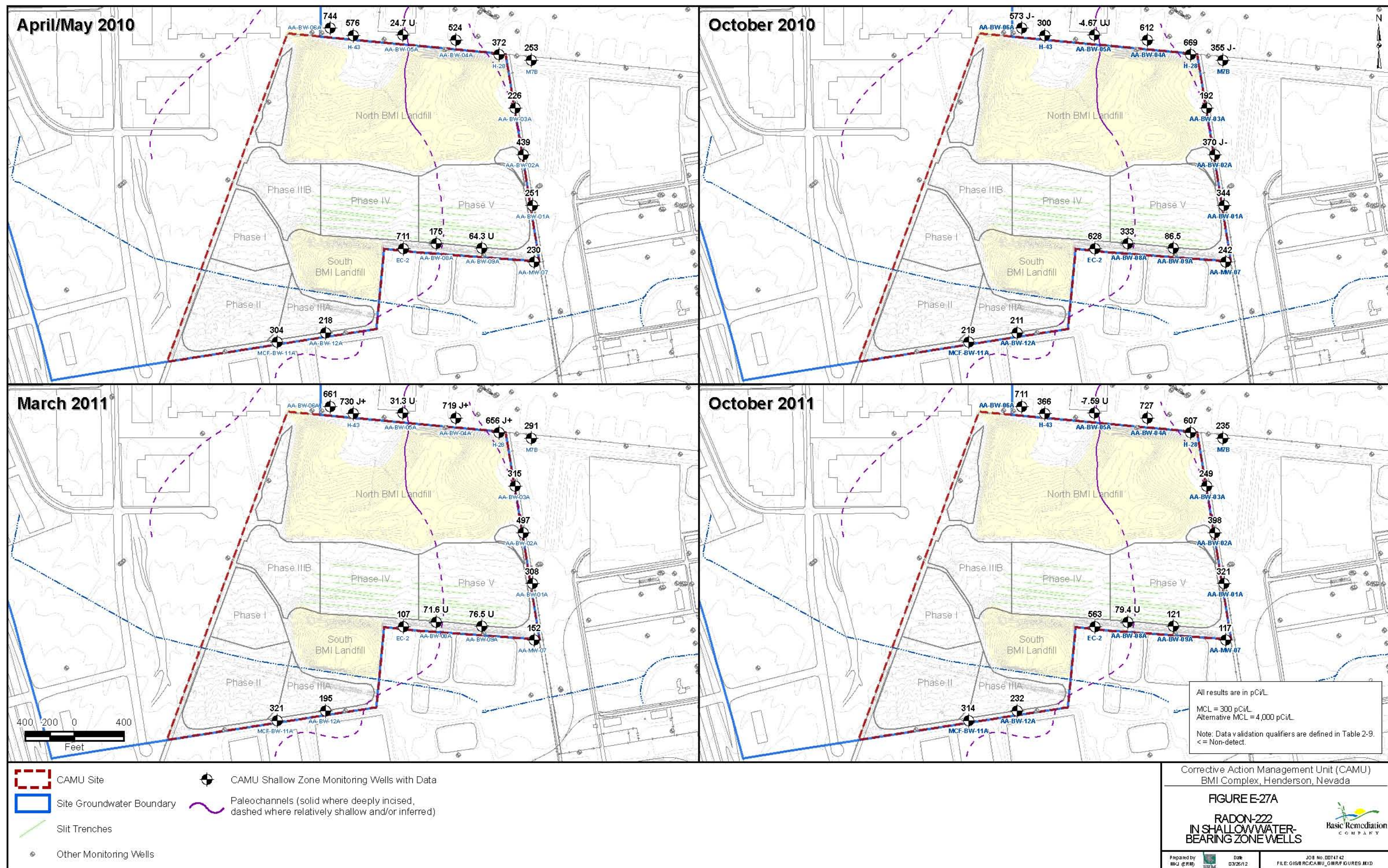
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-26C
RADIUM-226/228
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

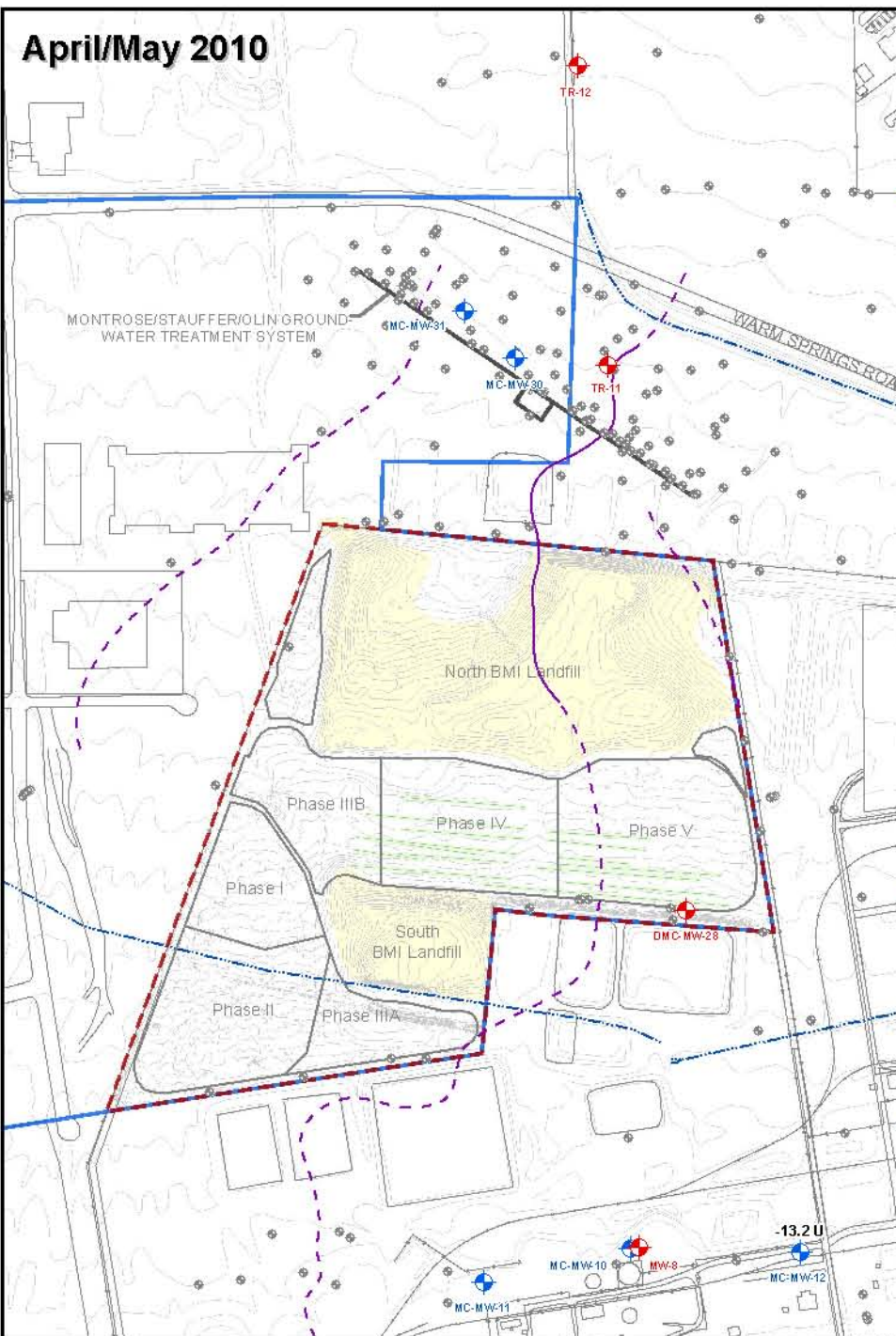
Prepared by
MKJ (ERM)

Date
03/26/12

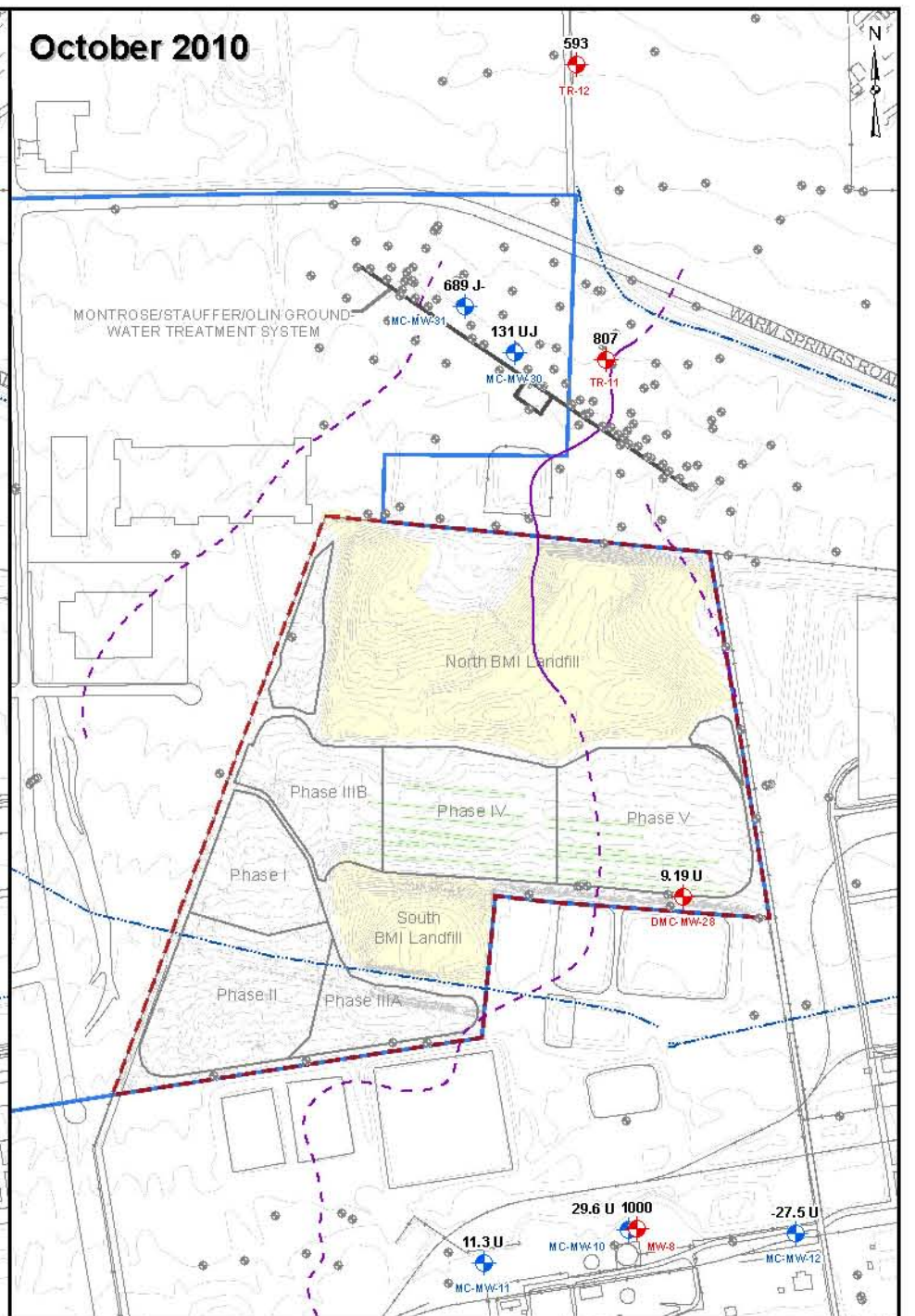
JOB No. 0074742
FILE: GIS/RC/CAMU_GMR/FIGURES.MXD



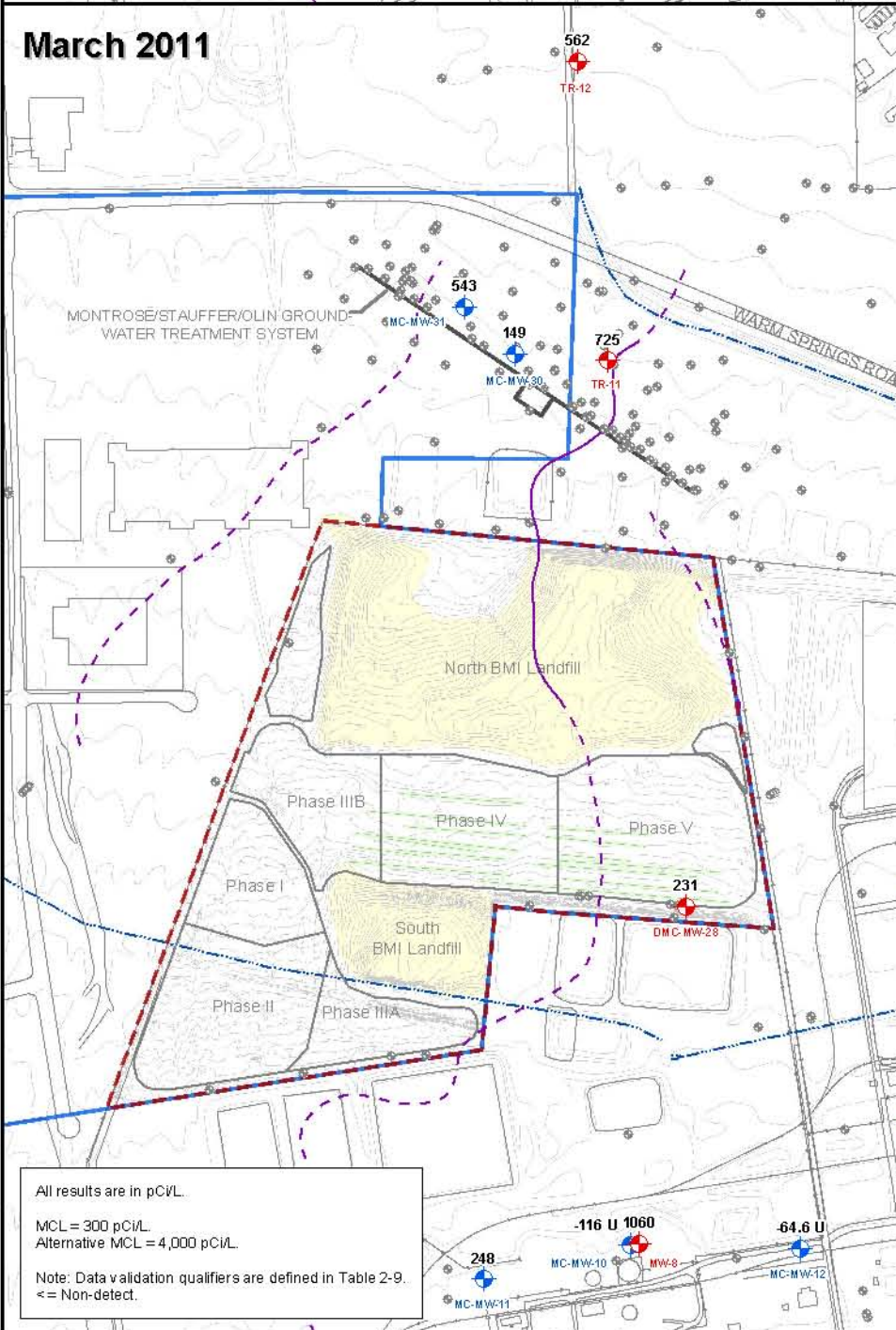
April/May 2010



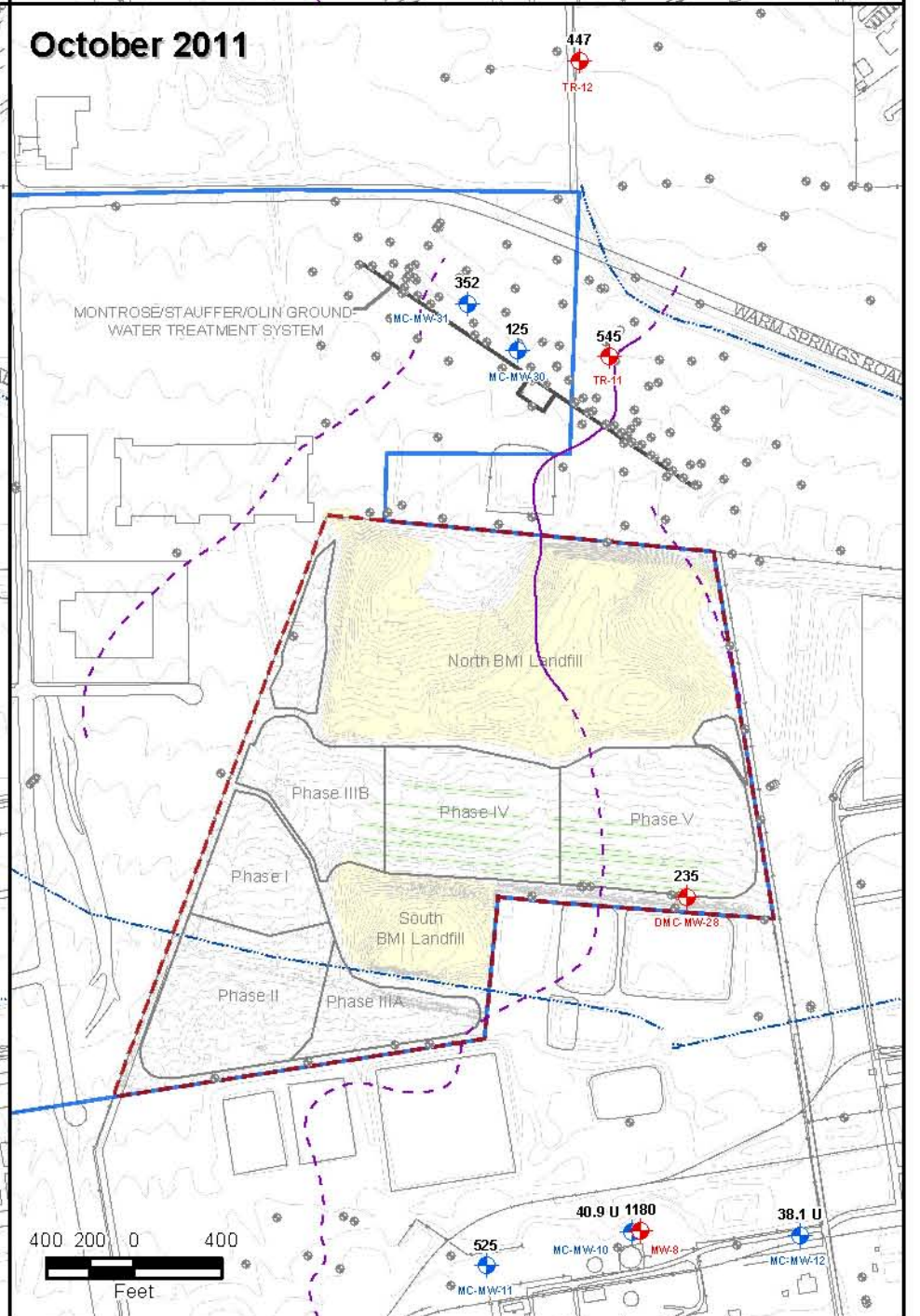
October 2010



March 2011



October 2011



All results are in pCi/L.
MCL = 300 pCi/L
Alternative MCL = 4,000 pCi/L

Note: Data validation qualifiers are defined in Table 2-9.
≤ Non-detect.

400 200 0 400
Feet

- CAMU Site
- Site Groundwater Boundary
- Slit Trenches
- Other Monitoring Wells
- CAMU Deep Zone Monitoring Wells with Data
- CAMU Middle Zone Monitoring Wells with Data
- Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-27C

RADON-222
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS

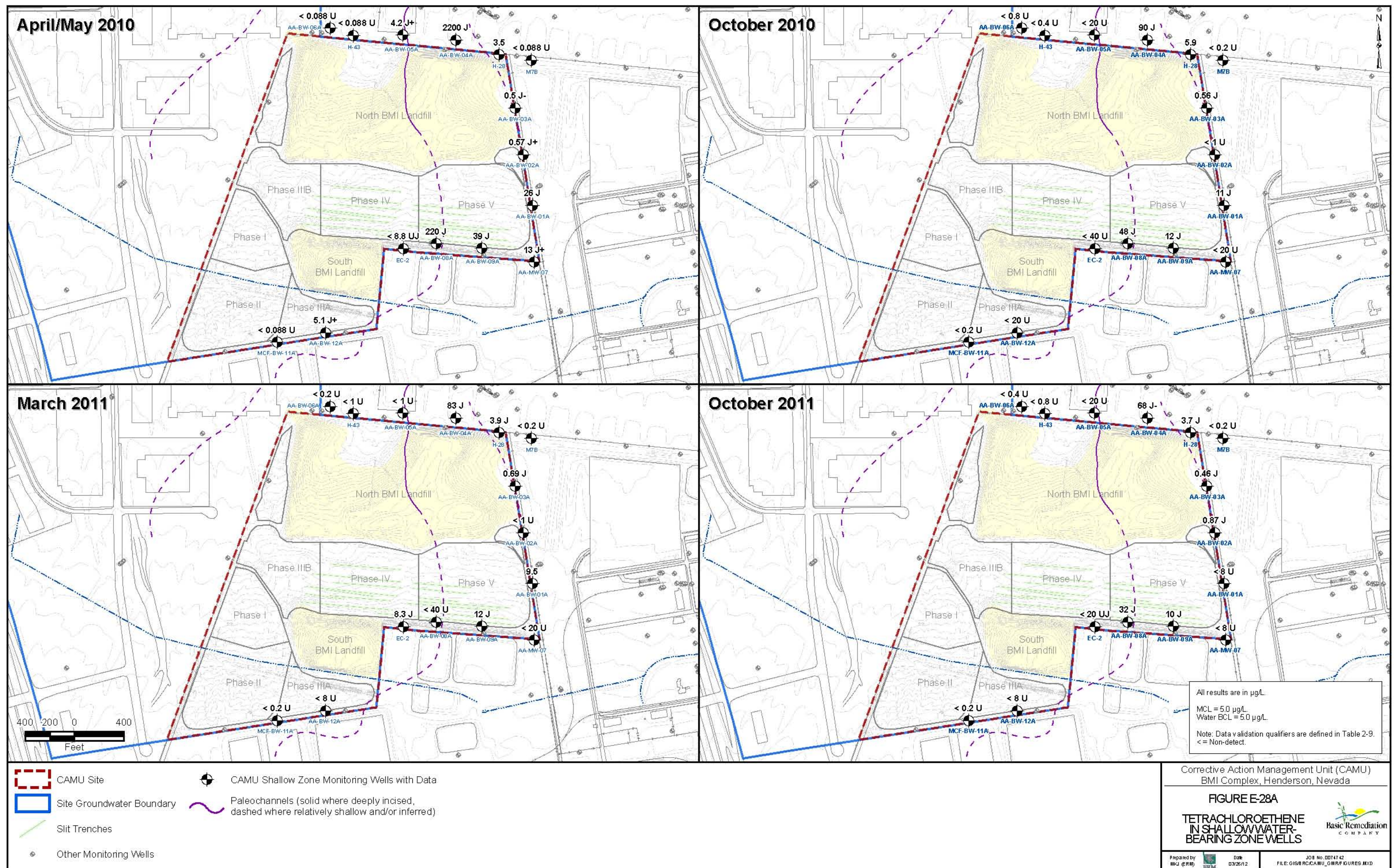


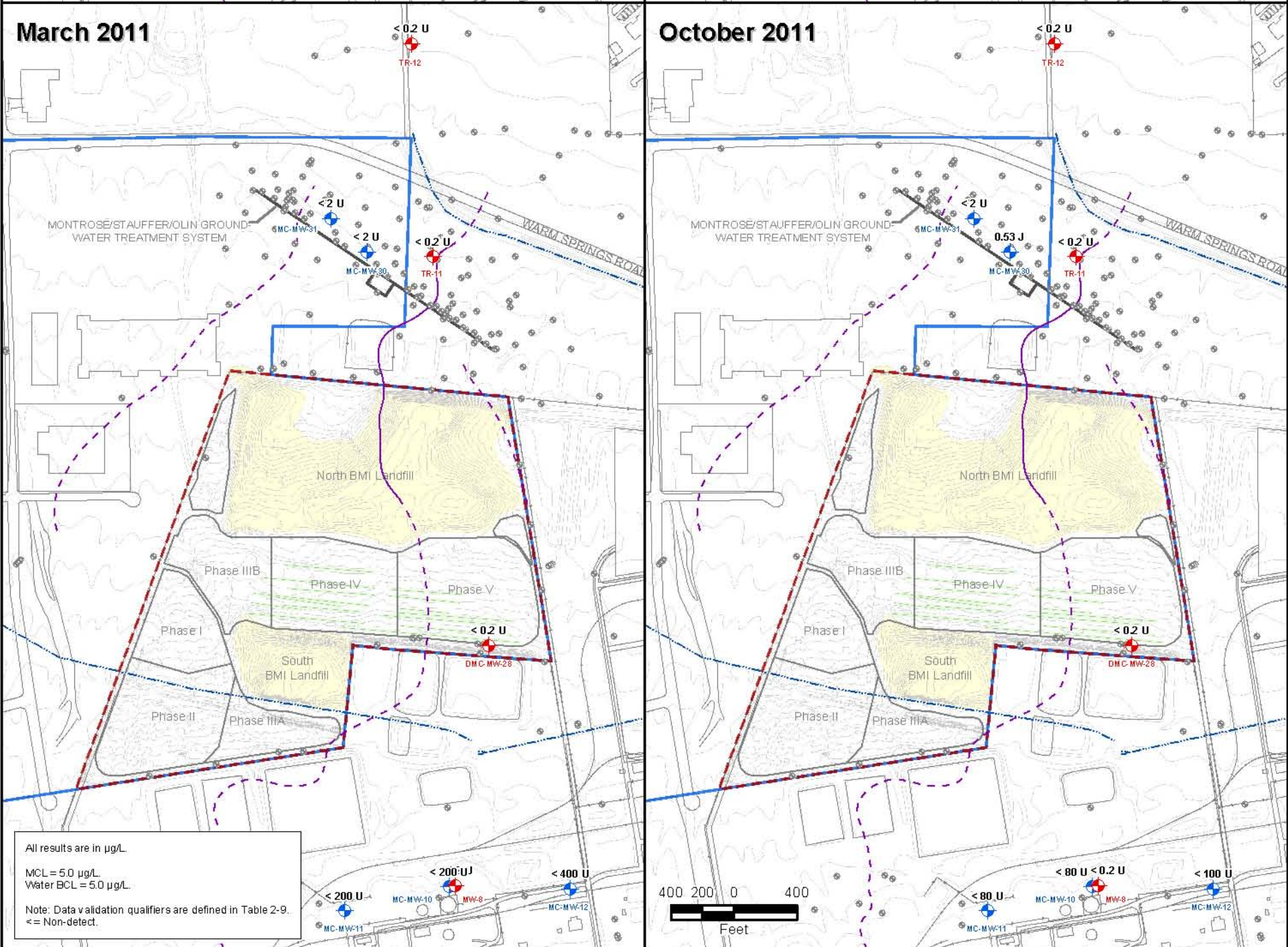
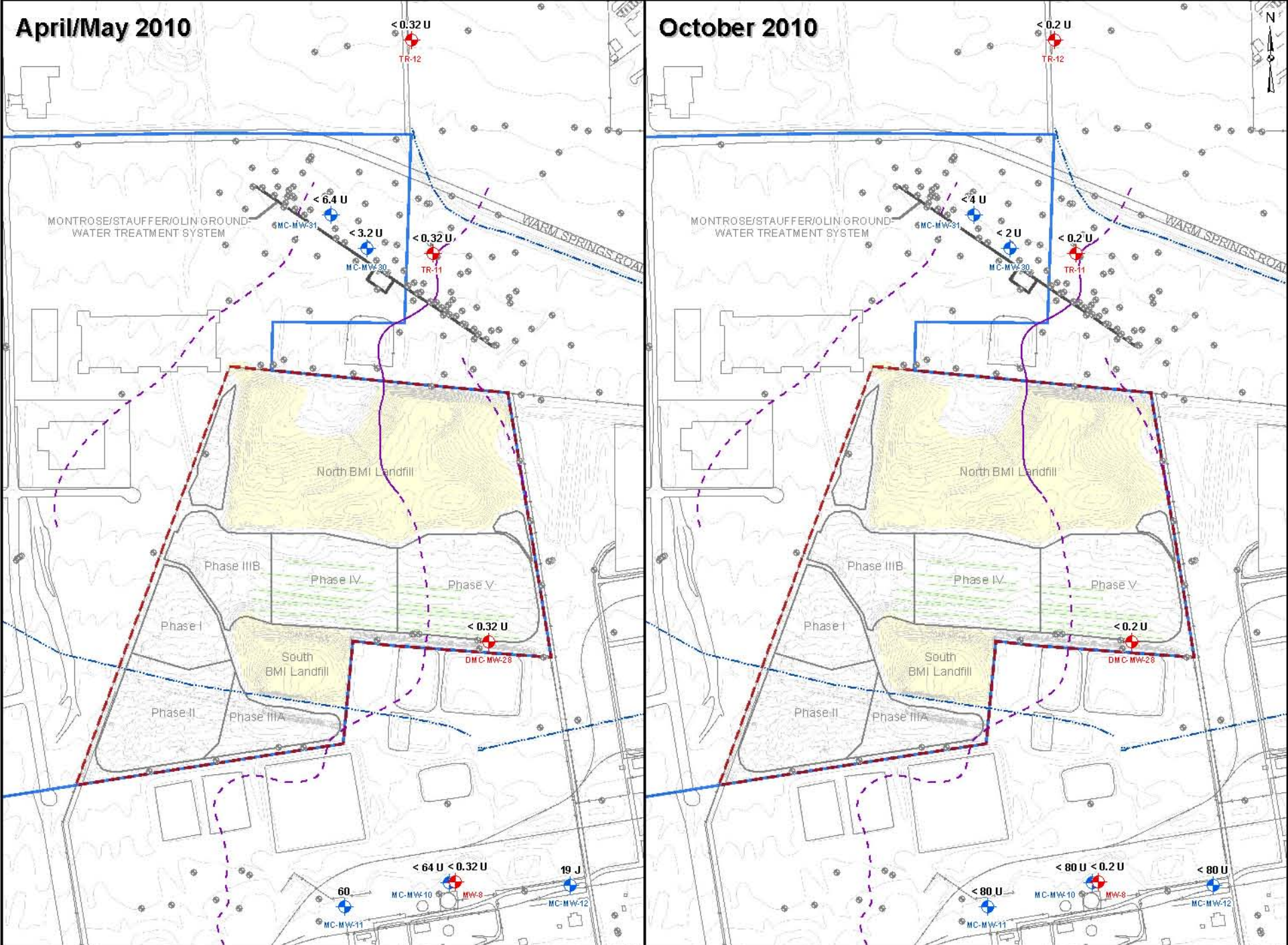
Prepared by
MKJ (ERM)

Date
03/26/12

FILE: GIS\RCCAMU_GMR\FIGURES\MXD

JOB No. 0074742





CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

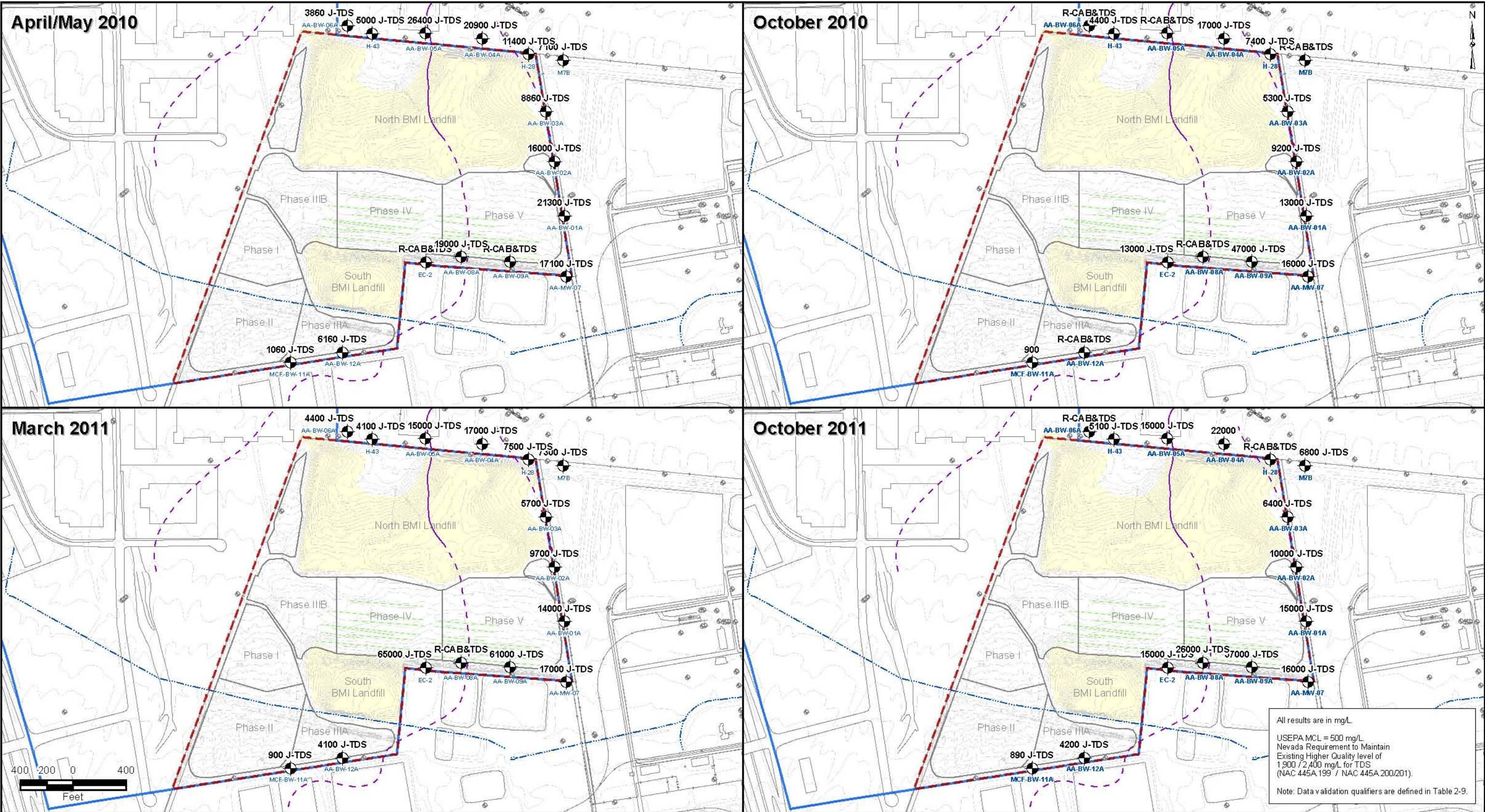
FIGURE E-28C

**TETRACHLOROETHENE
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS**

Prepared by
MKJ (ERM)

Date
03/26/12

JOB No. 0074742
FILE: GIS/RC/CAMU_GMR/FIGURES.MXD

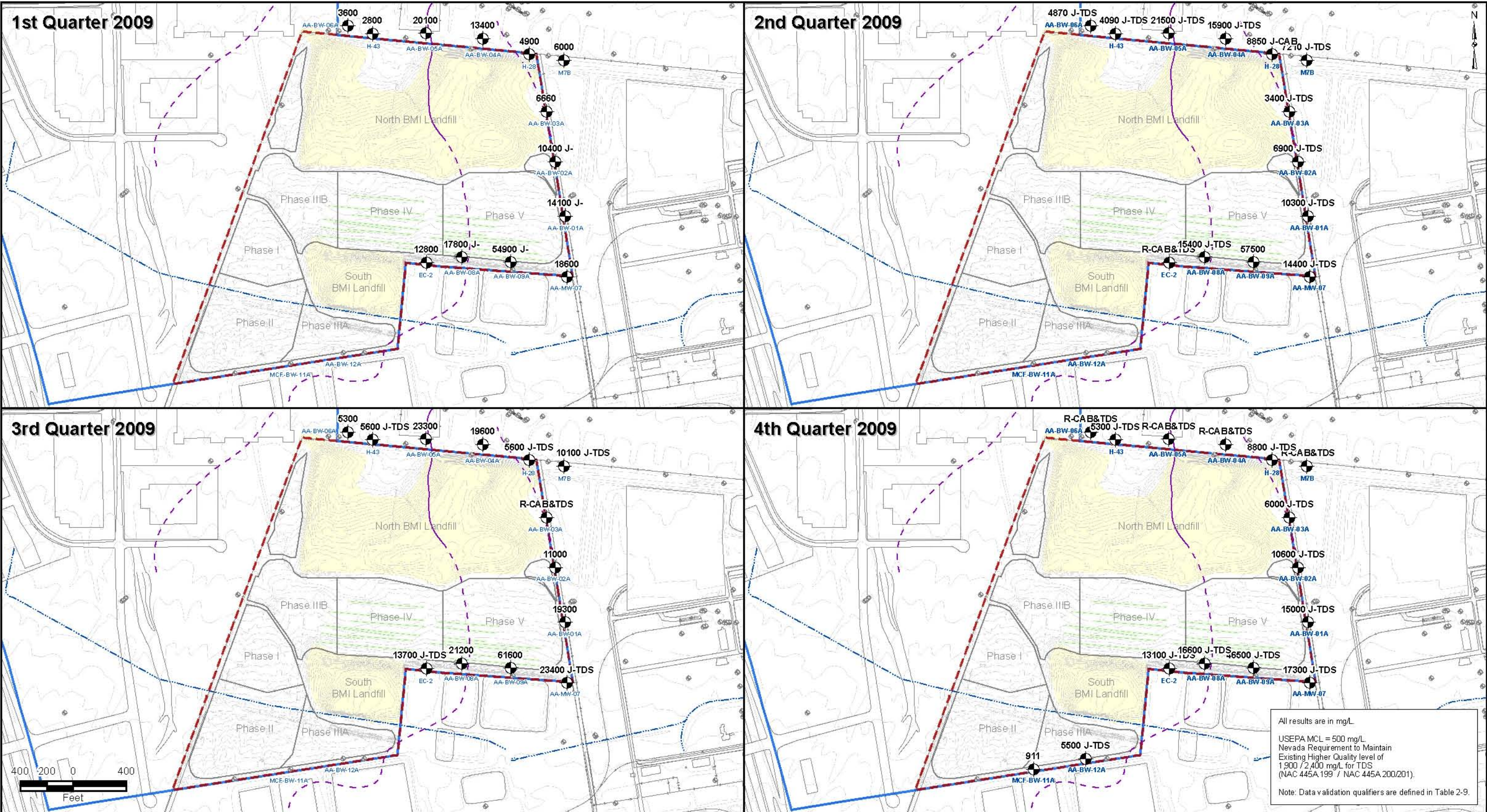


Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-29A

TOTAL DISSOLVED SOLIDS
IN SHALLOW WATER-
BEARING ZONE WELLS



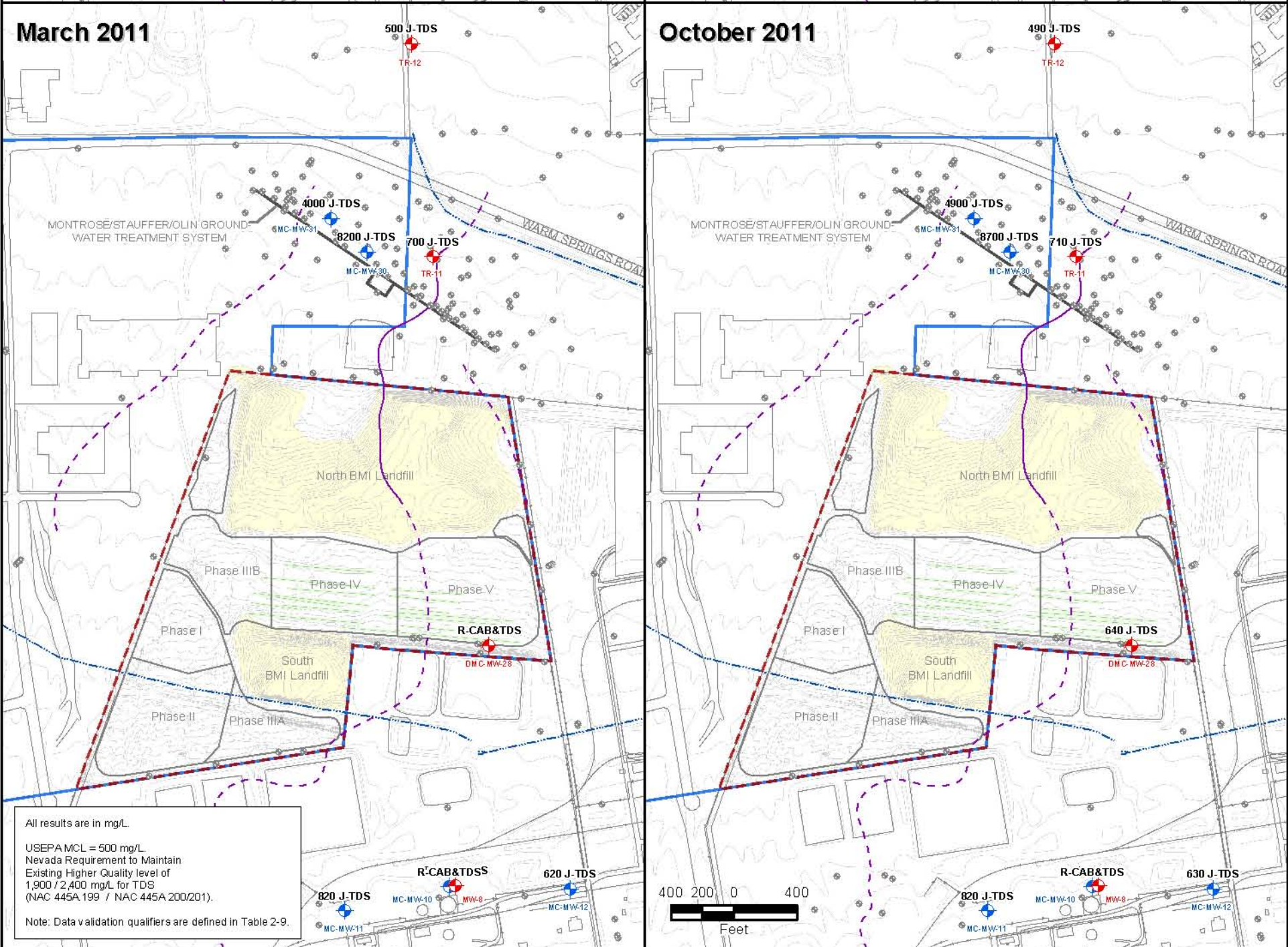
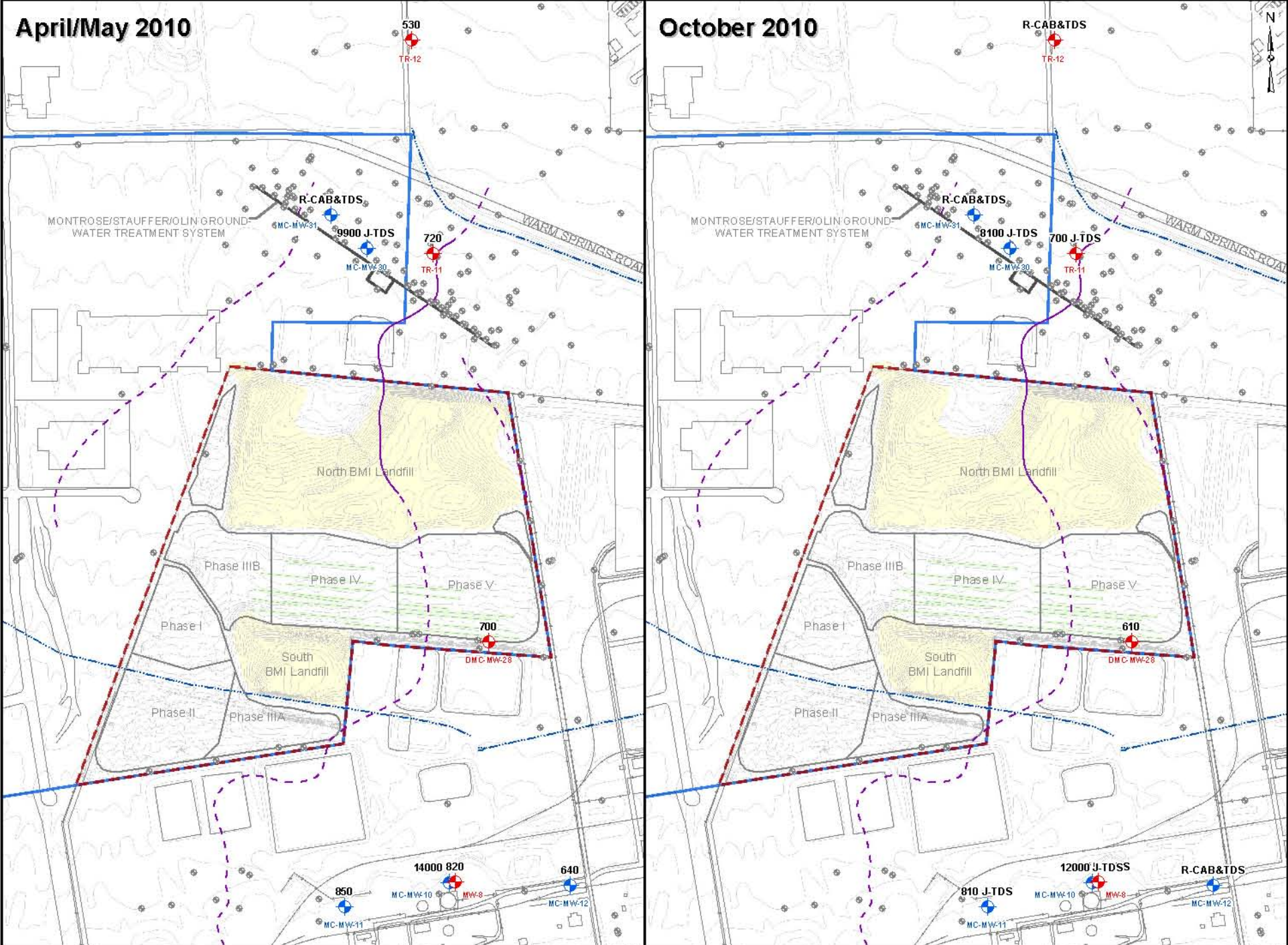


Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-29B
TOTAL DISSOLVED SOLIDS
IN SHALLOW WATER-BEARING ZONE WELLS

Prepared by: MKJ (ERM) Date: 03/26/12
JOB No. 0074742
FILE: GIS\BRCAMU_GMR\FIGURES\MXD





All results are in mg/L.

USEPA MCL = 500 mg/L.

Nevada Requirement to Maintain Existing Higher Quality level of 1,900 / 2,400 mg/L for TDS (NAC 445A.199 / NAC 445A.200/201).

Note: Data validation qualifiers are defined in Table 2-9.

CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

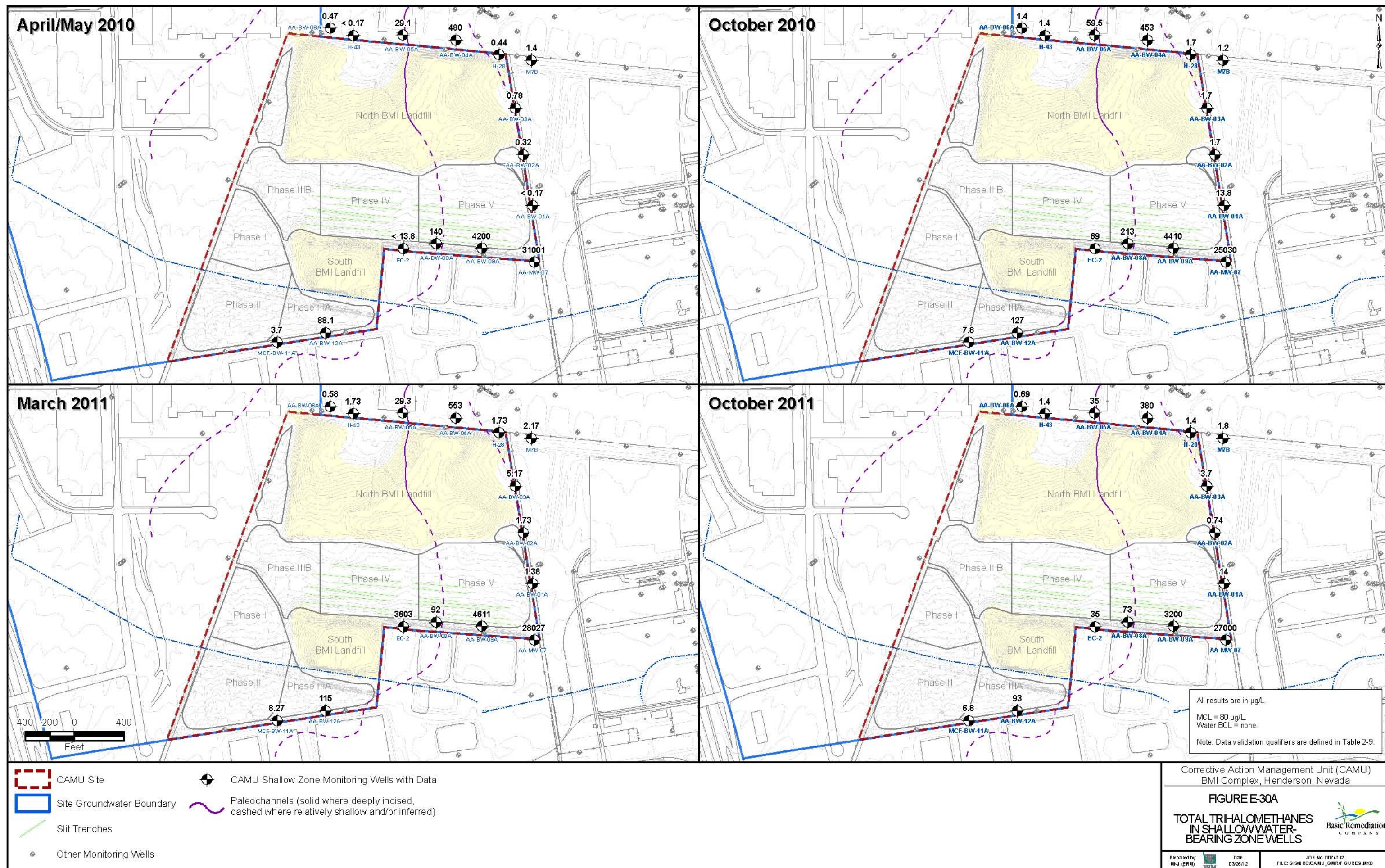
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

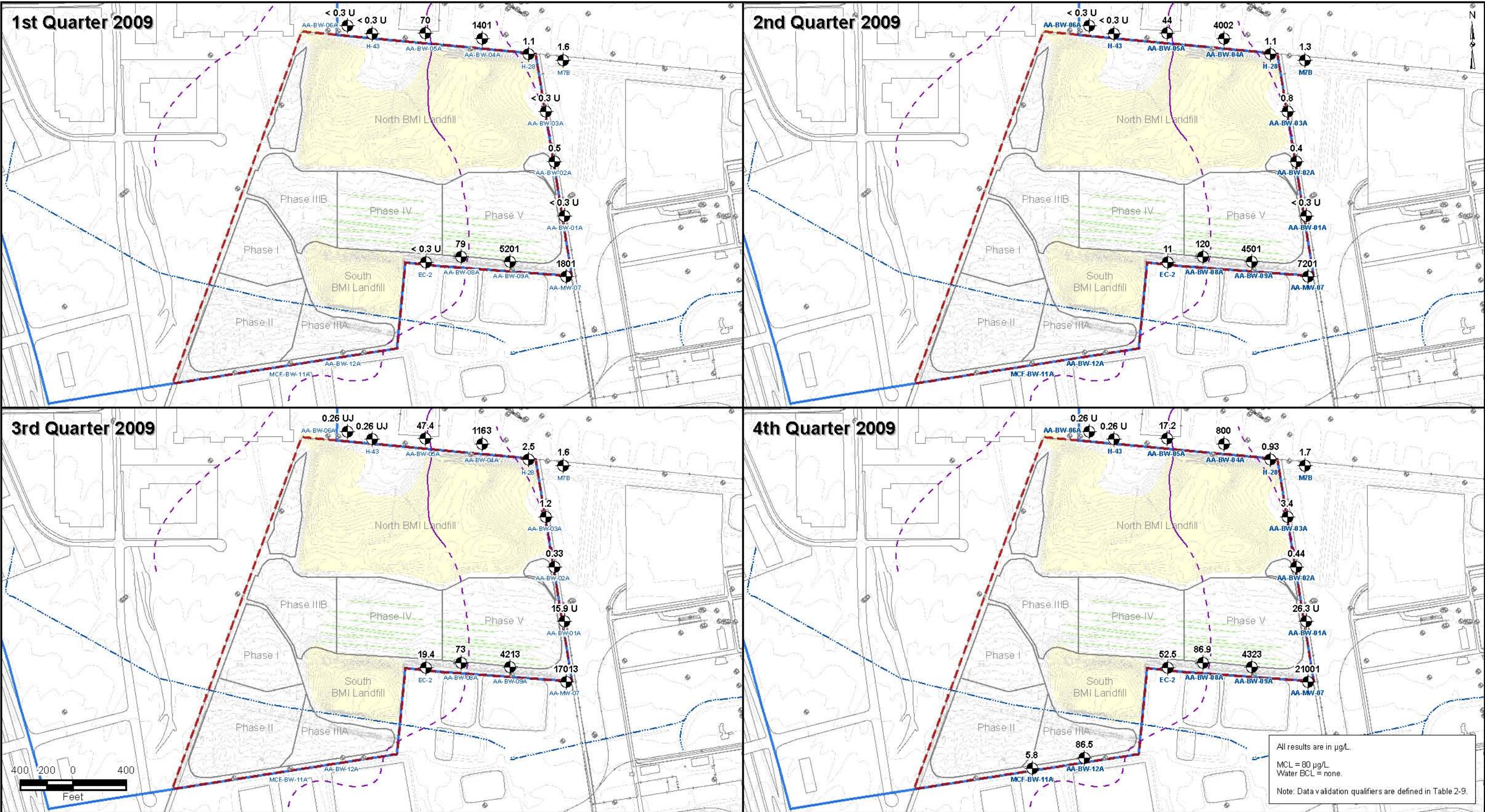
FIGURE E-29C
**TOTAL DISSOLVED SOLIDS
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS**

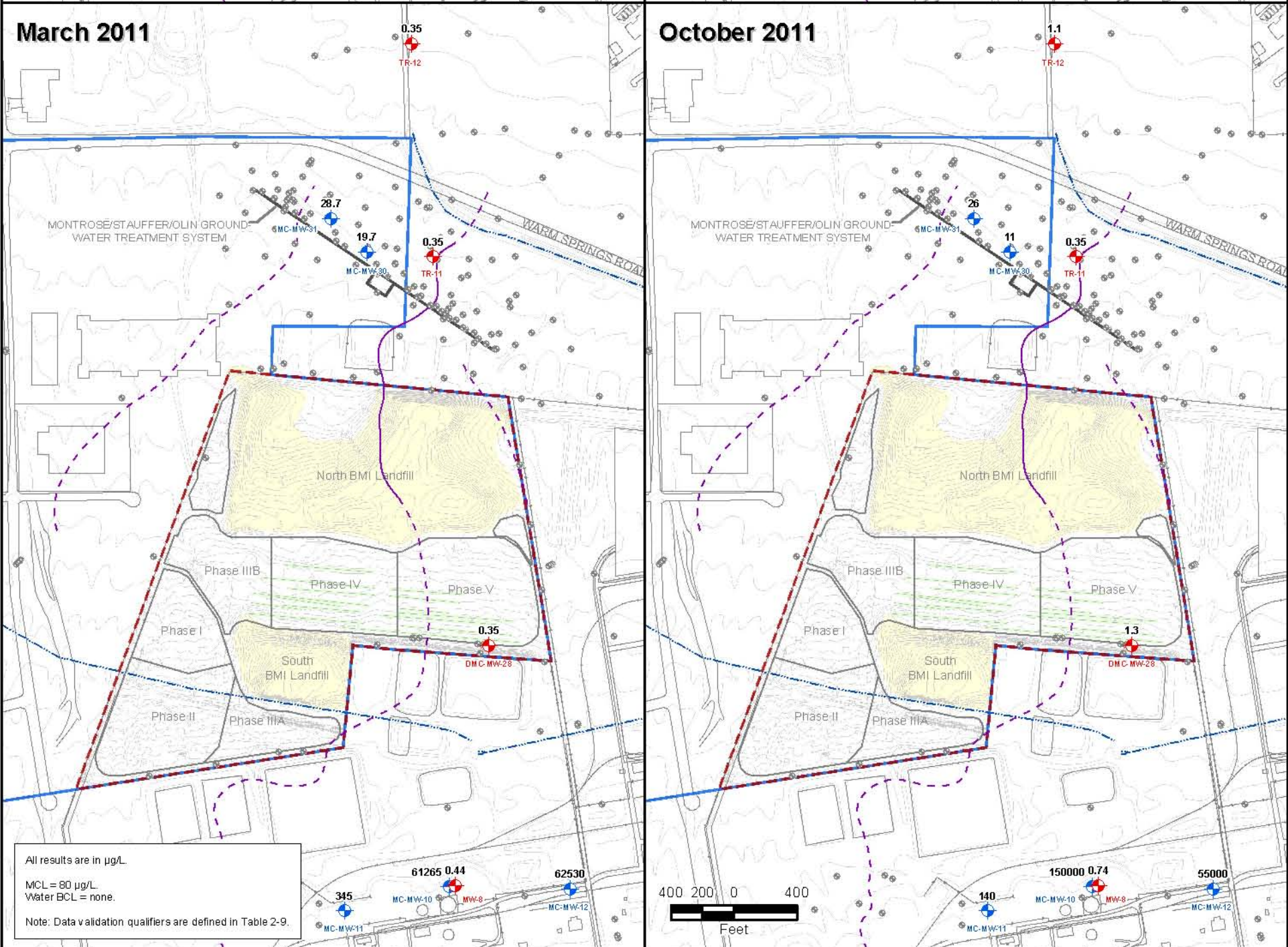
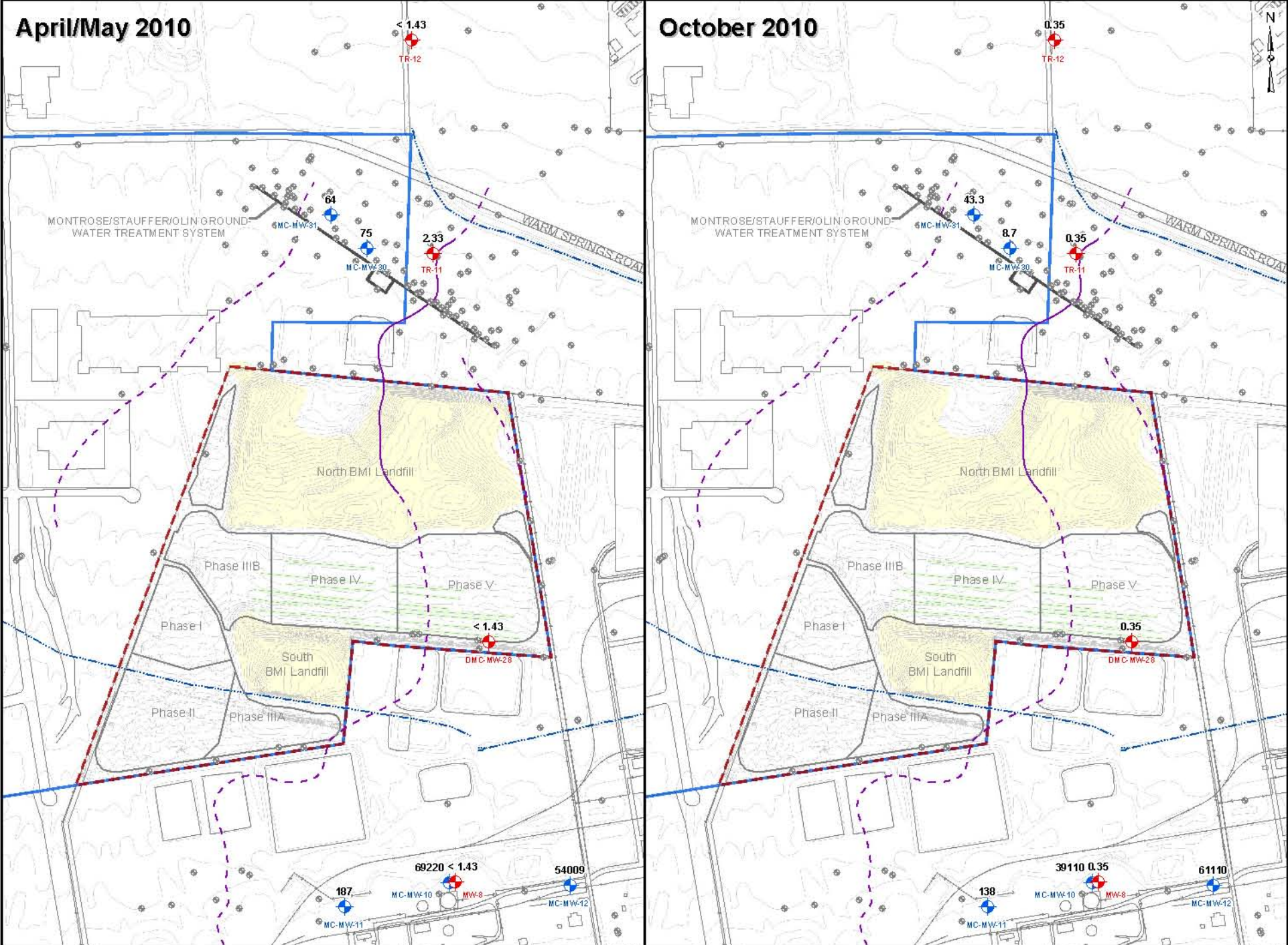
Prepared by
MKJ (ERM)

Date
03/26/12

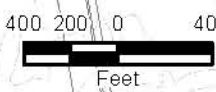
JOB No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES.MXD







All results are in µg/L.
MCL = 80 µg/L.
Water BCL = none.
Note: Data validation qualifiers are defined in Table 2-9.



CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

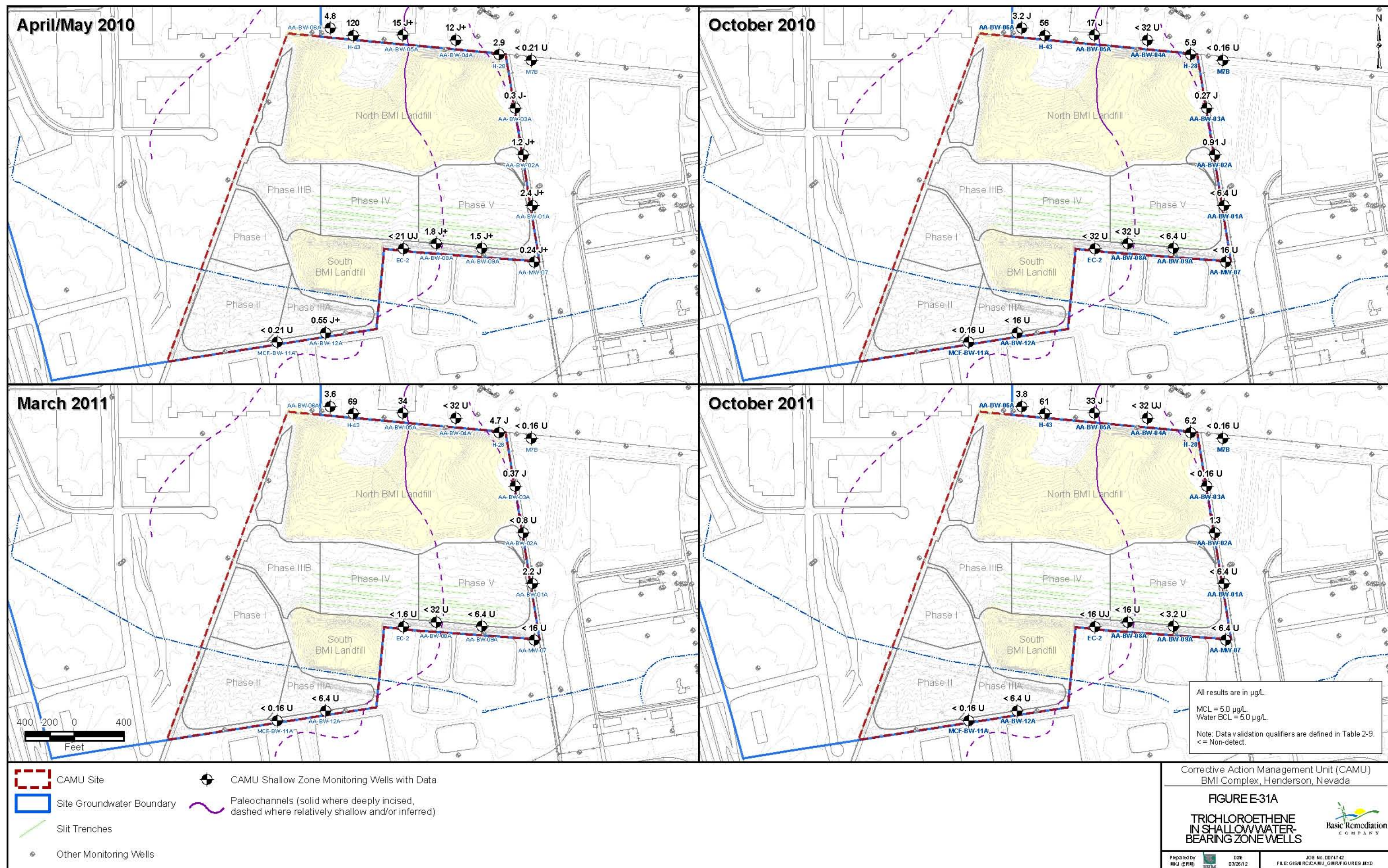
Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

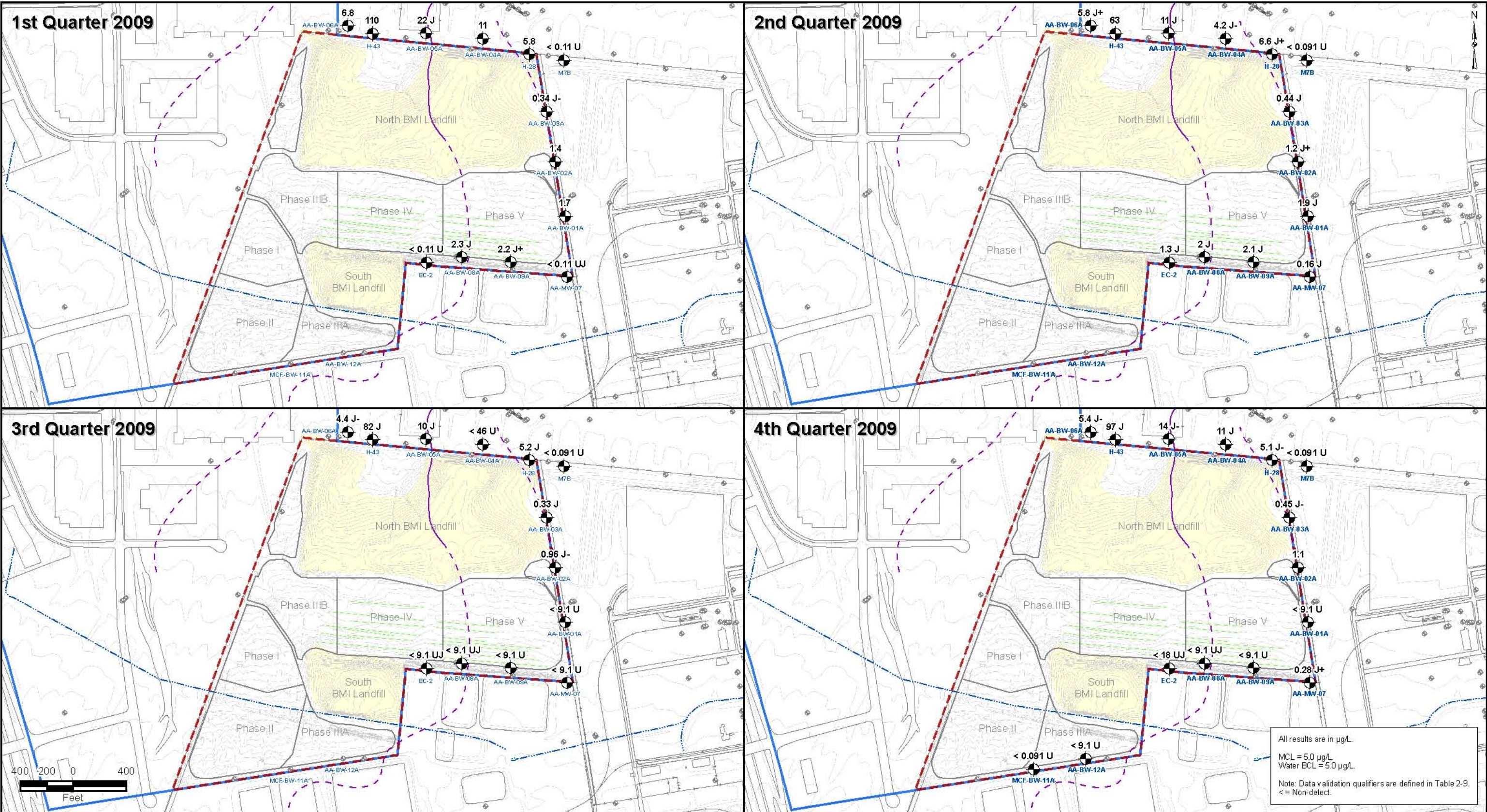
FIGURE E-30C
**TOTAL TRIHALOMETHANES
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS**

Prepared by
MKJ (ERM)

Date
03/26/12

JOB No. 0074742
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CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Shallow Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

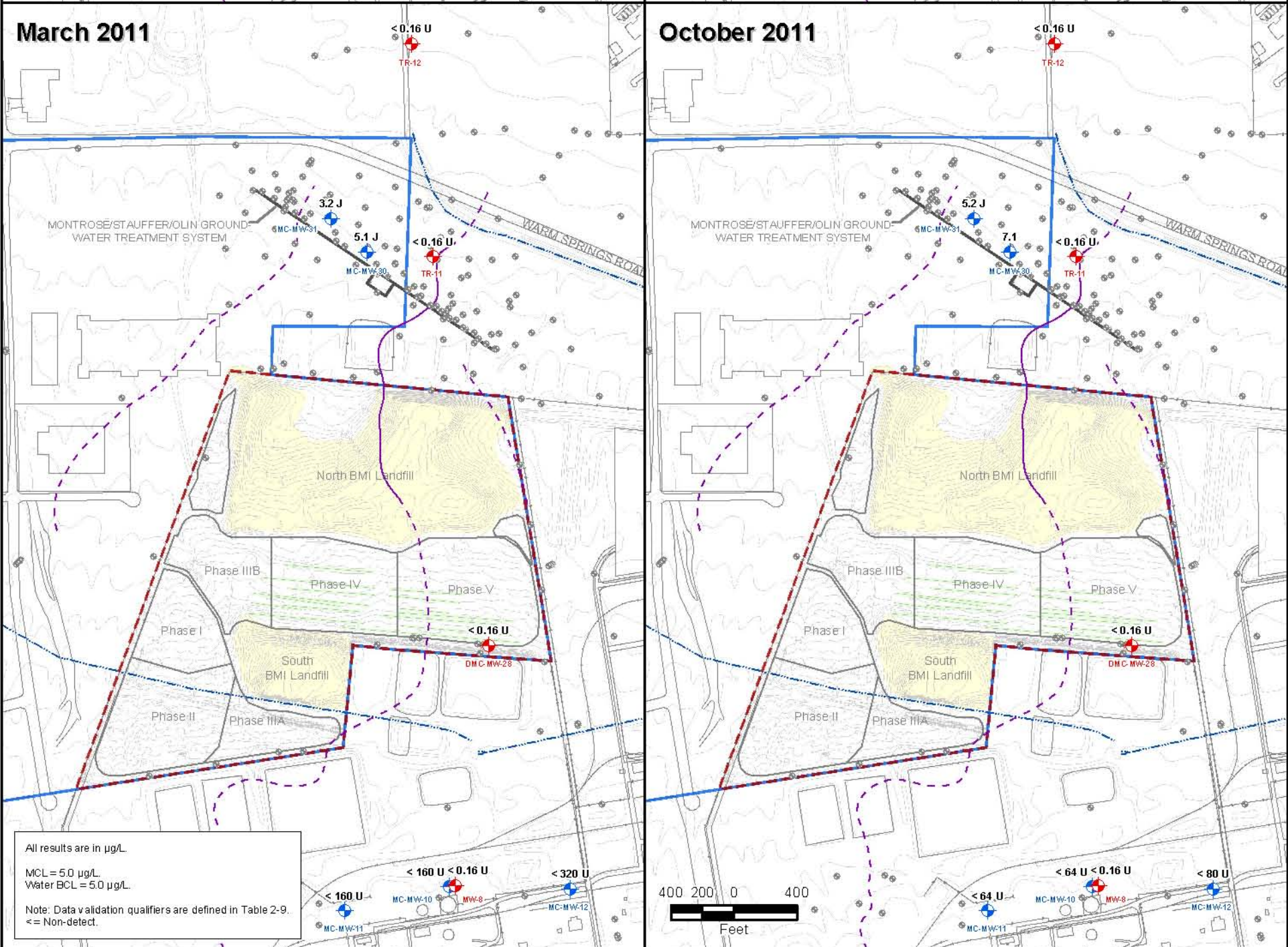
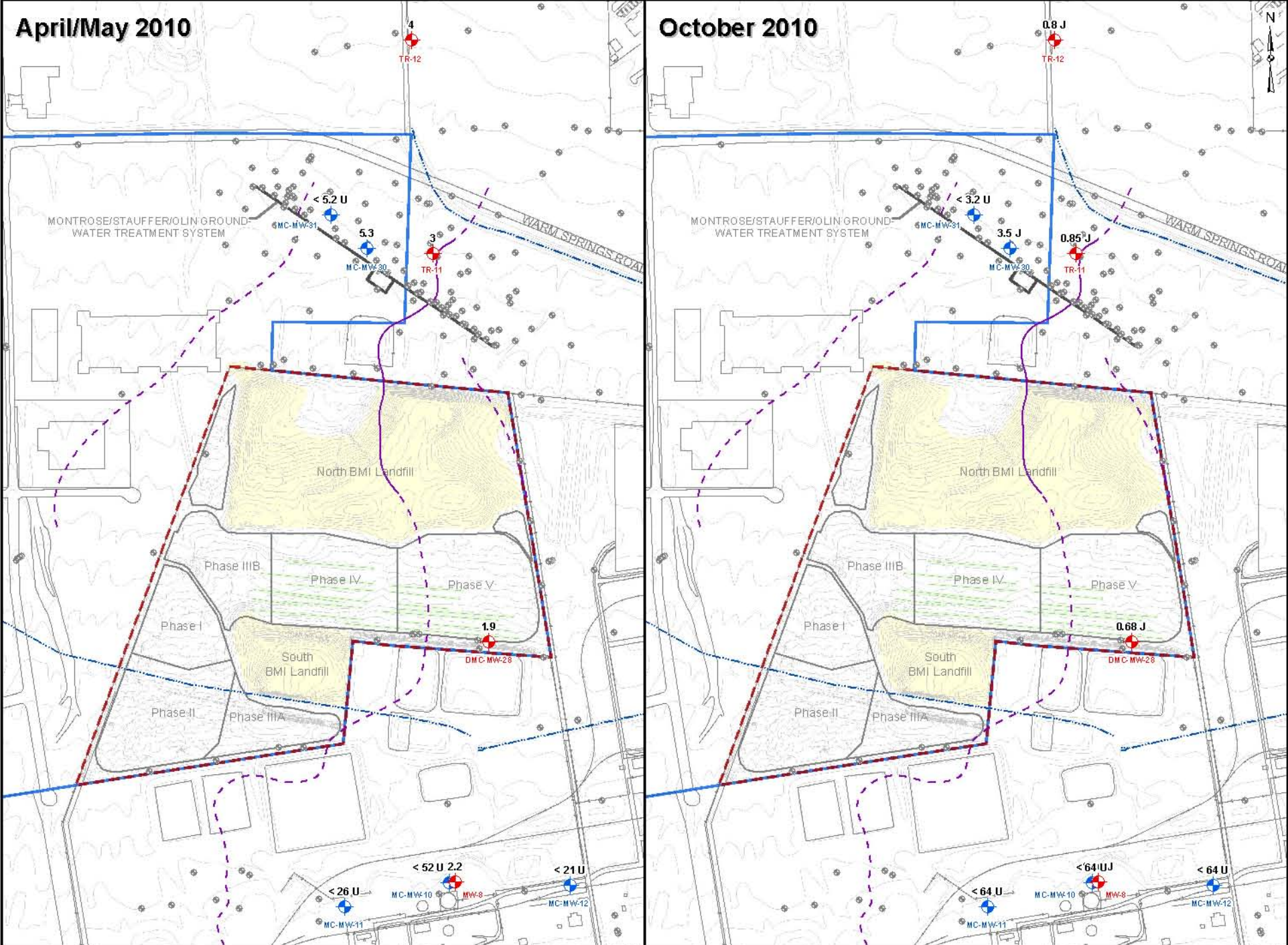
FIGURE E-31B
TRICHLOROETHENE
IN SHALLOW WATER-BEARING ZONE WELLS



Prepared by
MKJ (ERM)

Date
03/26/12

Job No. 0074742
File: GIS\BCCAMU_GMR\FIGURES\MXD



CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-31C

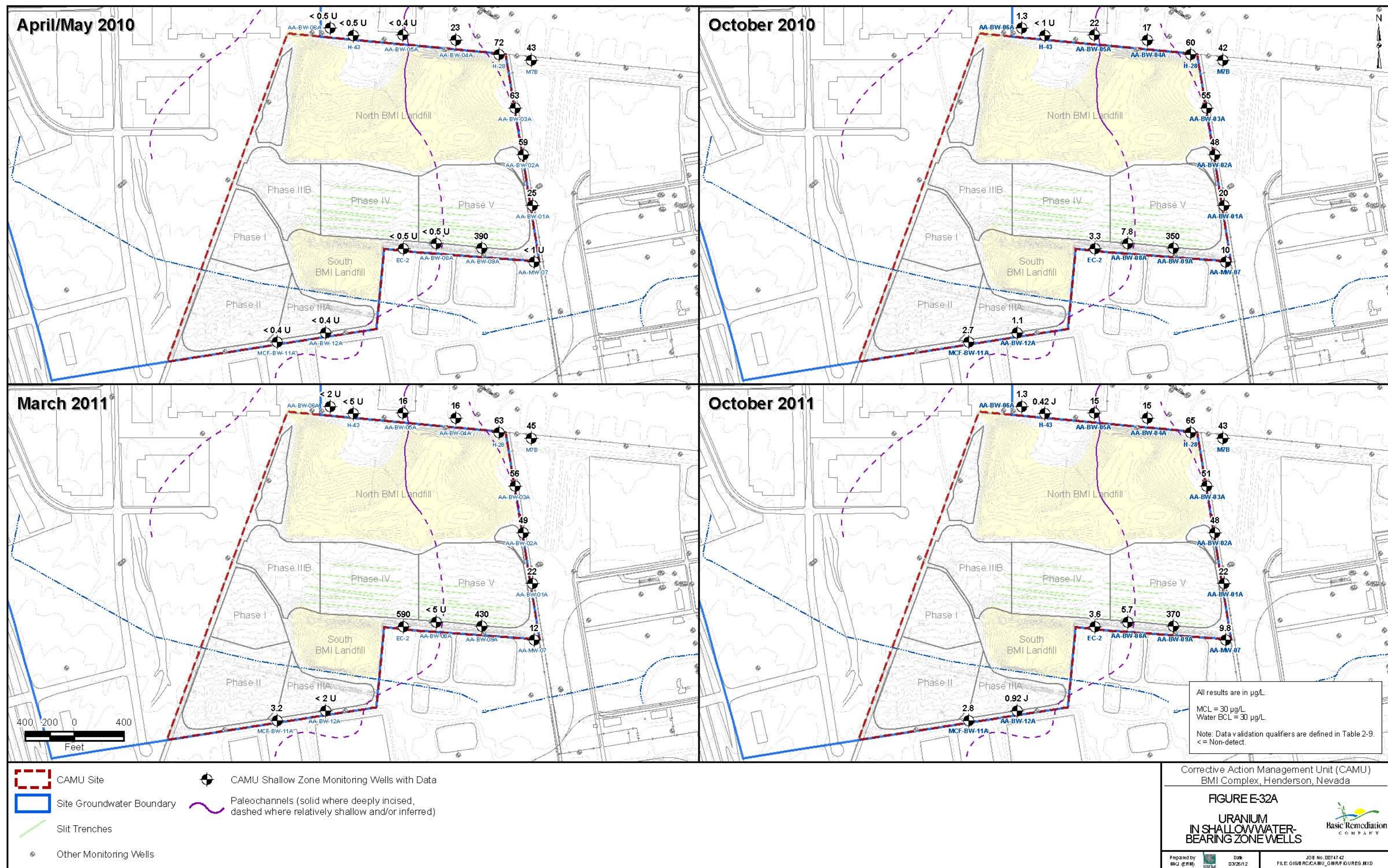
TRICHLOROETHENE
IN MIDDLE AND DEEP WATER-
BEARING ZONE WELLS

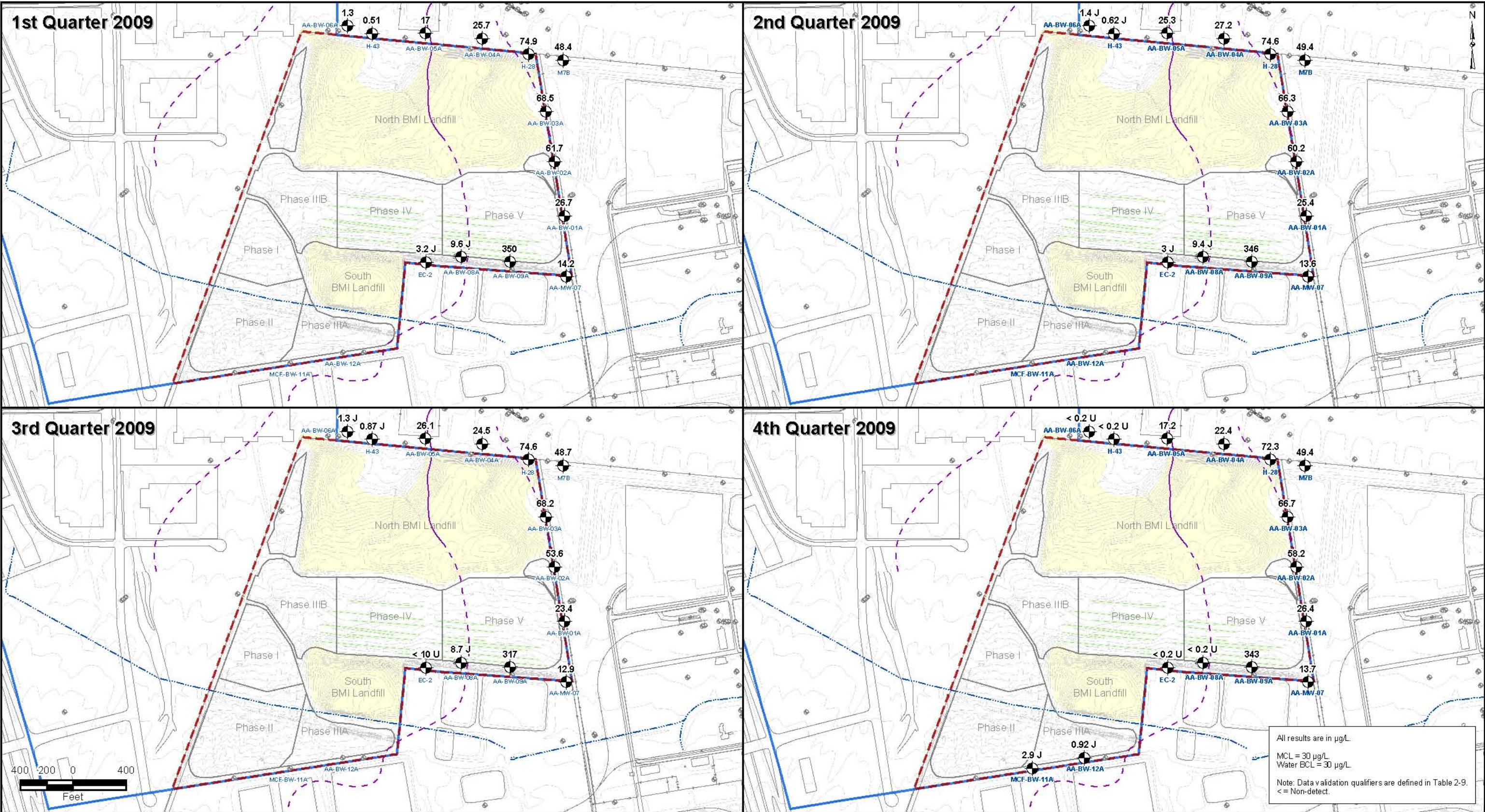
Prepared by
MKJ (ERM)

Date
03/26/12

JOB No. 0074742
FILE: GIS\RCCAMU_GMR\FIGURES.MXD

Basic Remediation
COMPANY



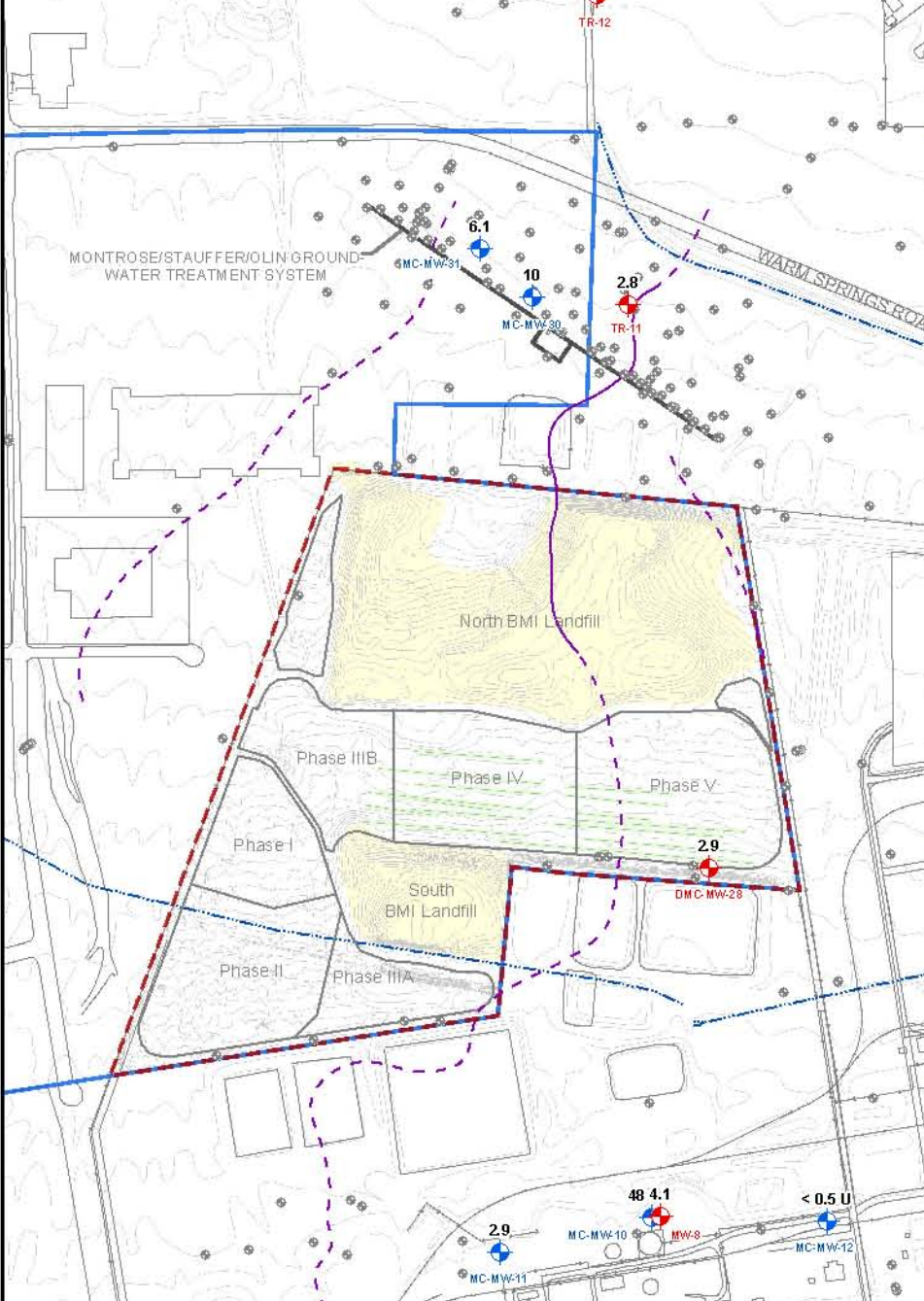


Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

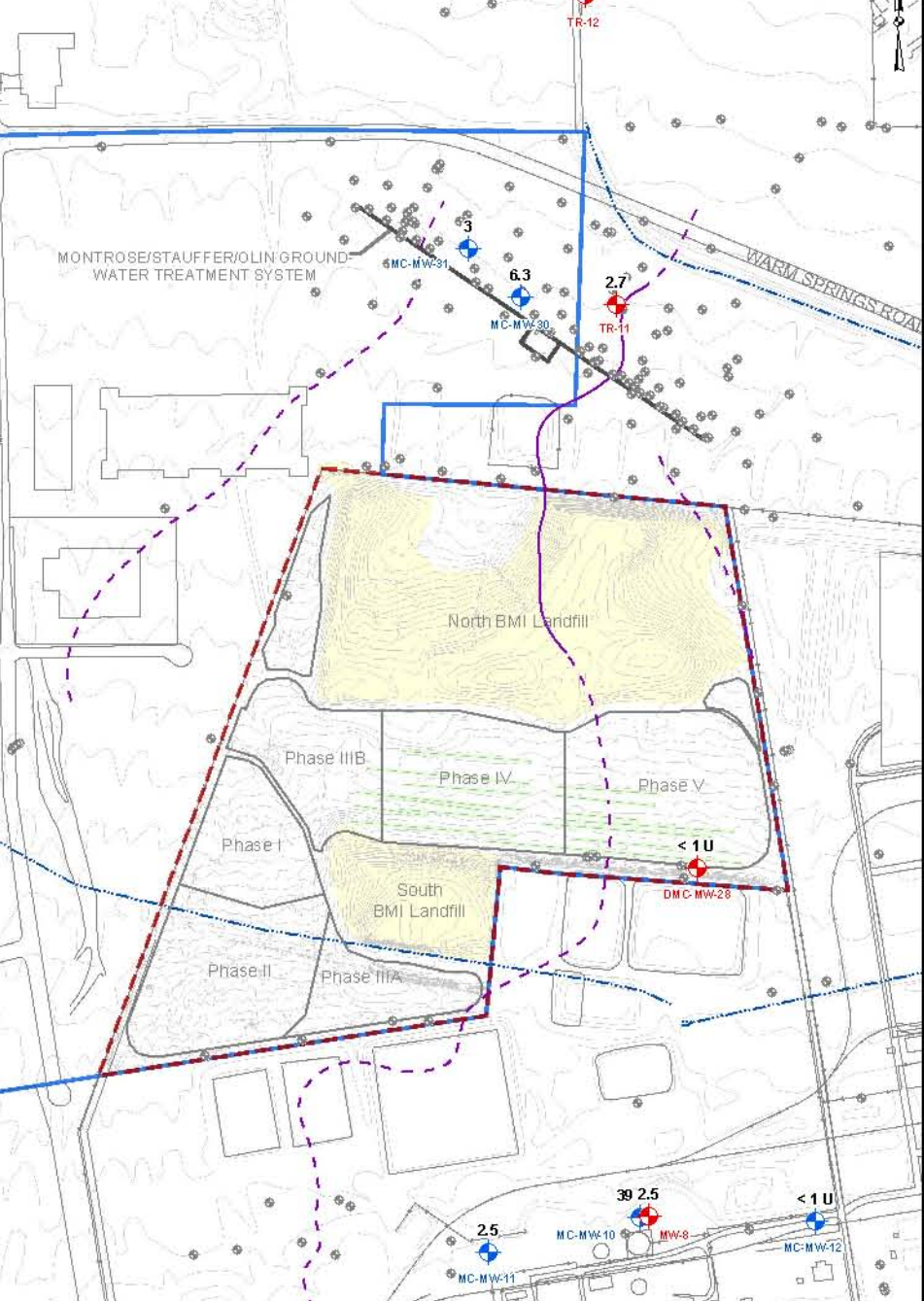
FIGURE E-32B
URANIUM
IN SHALLOW WATER-BEARING ZONE WELLS



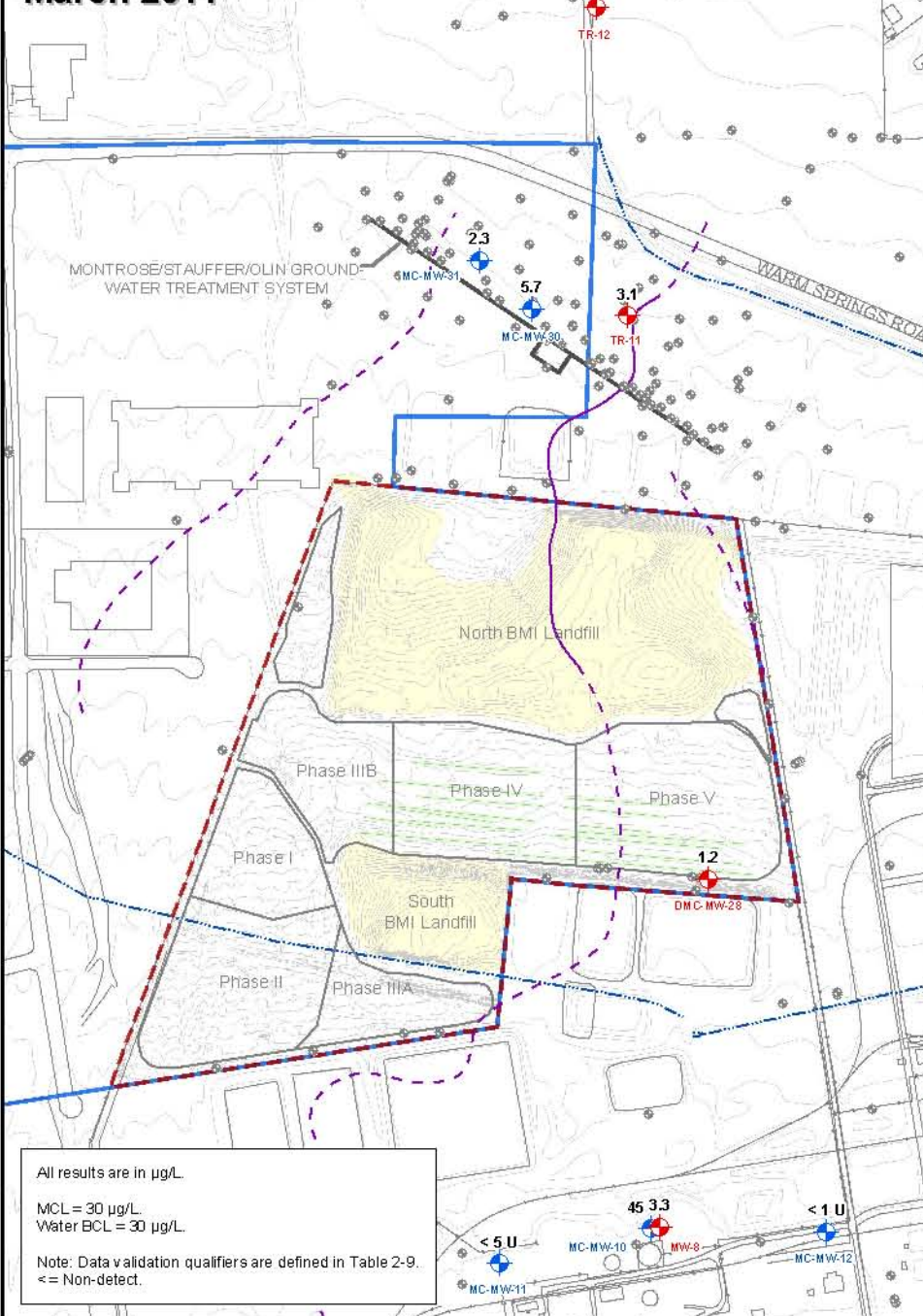
April/May 2010



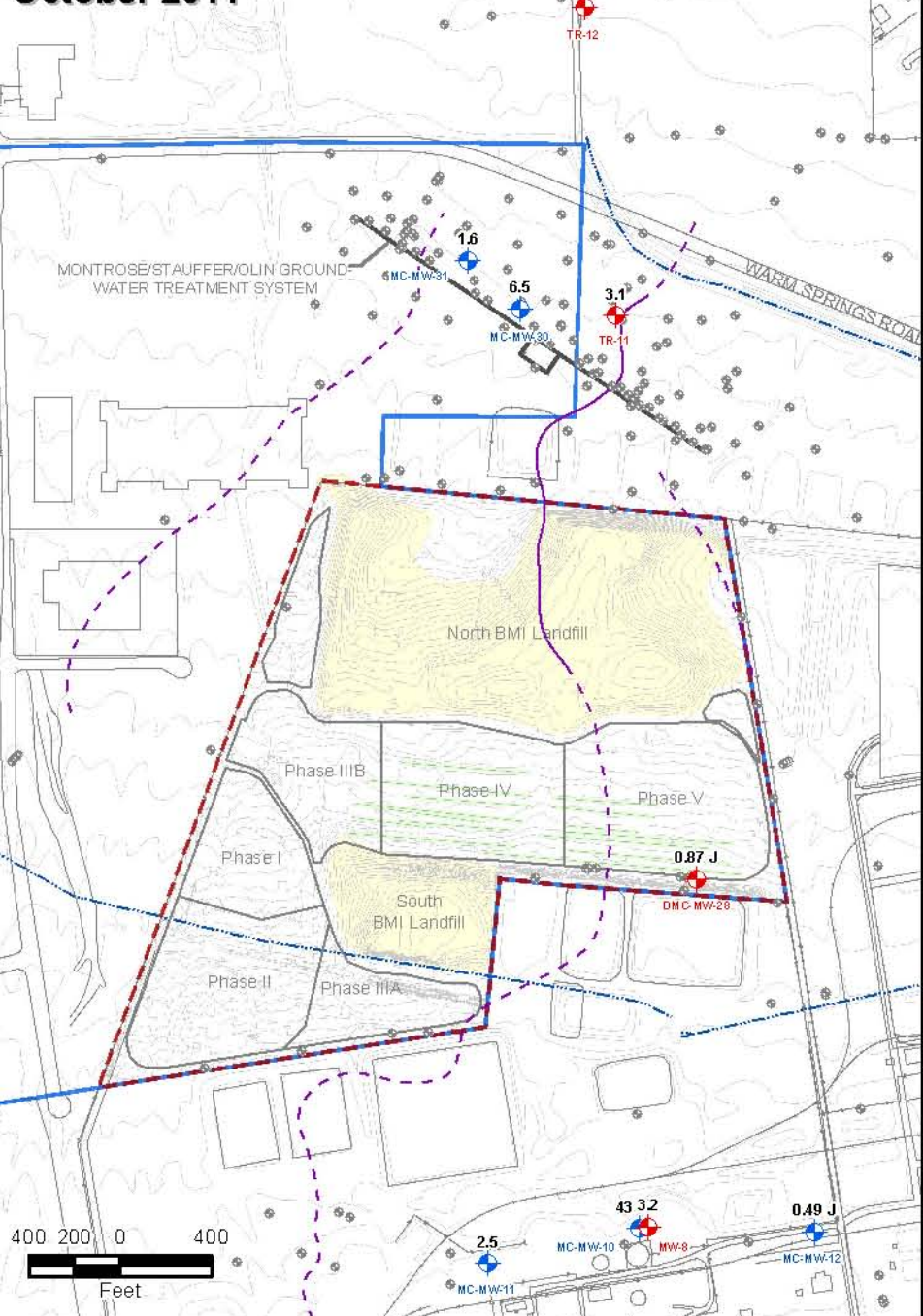
October 2010



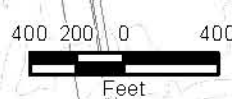
March 2011



October 2011



All results are in µg/L.
MCL = 30 µg/L
Water BCL = 30 µg/L
Note: Data validation qualifiers are defined in Table 2-9.
< = Non-detect.



CAMU Site

Site Groundwater Boundary

Slit Trenches

Other Monitoring Wells

CAMU Deep Zone Monitoring Wells with Data

CAMU Middle Zone Monitoring Wells with Data

Paleochannels (solid where deeply incised, dashed where relatively shallow and/or inferred)

Corrective Action Management Unit (CAMU)
BMI Complex, Henderson, Nevada

FIGURE E-32C
URANIUM
IN MIDDLE AND DEEP WATER-BEARING ZONE WELLS

Prepared by
MKJ (ERM)

Date
03/26/12

JOB No. 0074742
FILE: GIS\RCCAMU_GMRFIGURES.MXD