

**2007 CAMU GROUNDWATER MONITORING REPORT
(OCTOBER - NOVEMBER 2007)**

**BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) LANDFILL
CLARK COUNTY, NEVADA**

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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.



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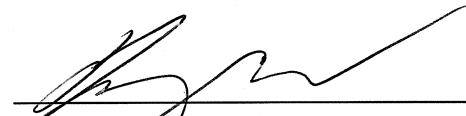
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LIST OF ACRONYMS AND ABBREVIATIONS

µg/kg	microgram per kilogram
µg/L	microgram per liter
Aa	Alluvial Aquifer
amsl	above mean sea level
AOI	Analyte of Interest
bgs	below ground surface
BMI	Basic Management, Inc.
BRC	Basic Remediation Company
btoc	Below top of casing
CAMU	Corrective Action Management Unit
COC	chain of custody
CSM	Conceptual Site Model
DNAPL	Dense non-aqueous phase liquid
DVSR	Data validation summary report
ERM	Environmental Resources Management, Inc.
FSSOP	Field Sampling and Standard Operating Procedures
FD	Field duplicate
GMP	Groundwater Monitoring Plan
GMR	Groundwater Monitoring Report
GWTS	Groundwater treatment system
KMCC	Kerr-McGee Chemical Corporation
LDC	Laboratory Data Consultants, Inc.
MCL	Maximum Contaminant Level
mg/L	milligram per liter
Montrose	Montrose Chemical Corporation of California
MS/MSD	matrix spike/matrix spike duplicate
MSSL	medium-specific screening level
MWH	MWH Americas, Inc.
NDEP	Nevada Division of Environmental Protection
OCP	organochlorine pesticide
OPP	organophosphorus pesticide

PAH	polynuclear aromatic hydrocarbons
PCB	polychlorinated biphenyls
pCi/L	picoCurie per liter
PID	photo-ionization detector
Pioneer	Pioneer Chlor Alkali Company, Inc.
PRG	Preliminary Remediation Goal
QA	quality assurance
Qal	Quaternary Alluvium
QAPP	Quality Assurance Project Plan
QC	quality control
SOP	Standard Operating Procedure
SRC	Site Related Chemicals
Stauffer	Stauffer Management Company, Inc.
SVOC	semi volatile organic compounds
TA	TestAmerica Laboratories
TIMET	Titanium Metals Corporation
TDS	total dissolved solids
VOC	volatile organic compound
UMCf	Upper Muddy Creek formation
USEPA	United States Environmental Protection Agency

1.0 INTRODUCTION

MWH, Americas, Inc. (MWH) has prepared this 2007 CAMU Groundwater Monitoring Report (2007 GMR) for Basic Remediation Company (BRC) to describe activities and data collected during groundwater monitoring and sampling performed during October and November 2007 (the 2007 CAMU event) at the Basic Management Inc. (BMI) Corrective Action Management Unit (CAMU) Landfill (the Site), located in Clark County, Nevada.

This report summarizes groundwater monitoring and sampling data collected during the 2007 CAMU event, which was conducted from October 22 through November 1, 2007. The current groundwater monitoring program proposed the collection of groundwater samples and water level measurements from 16 groundwater monitoring wells. Proposed wells were sampled after field verification of their usability.

1.1 SITE LOCATION AND DESCRIPTION

The CAMU Area (Site) is located within the city limits of Henderson, Clark County, Nevada, approximately 5,000 feet directly west of the intersection of Boulder Highway and Warm Springs Road. Figure 1-1, Site Location Map, illustrates the location of the subject Site relative to the main BMI Common Areas and Henderson, Nevada geographic features. The Site is approximately 1,750 feet above mean sea level (amsl) and is relatively flat with a gradual slope toward the north. The Site is located on property operated by BRC in an area formerly designated as the Clark County Industrial Plant Area, and is bordered on all sides by former and present industrial production facilities of the BMI Industrial Complex. The Site is bounded on the south by property owned by Pioneer Chlor Alkali Company, Inc. (Pioneer); on the east by property owned by Kerr-McGee Chemical Corporation (KMCC); on the north and southwest by generally undeveloped land; and commercial development to the northwest.

The CAMU area, which represents only a portion of the greater BMI Complex, is comprised of closed landfills, slit trenches, and a gravel pit. Figure 1-2 illustrates features within the Site.

In order to account for all of the various investigation activities conducted at the Site, and to facilitate an accurate description of Site features, the Site has been subdivided into the sub areas shown on Figure 1-2 and listed below:

1. The northern lobe of the BRC Closed Landfill (the “North Landfill Lobe”)
2. The southern lobe of the BRC Closed Landfill (the “South Landfill Lobe”)
3. The Slit Trench Area
4. The northern lobe of the Borrow Area (the “North Borrow Pit Lobe”)
5. The southern lobe of the Borrow Area (the “South Borrow Pit Lobe”)
6. The western portion of the Western Ditch (the “Western W. Ditch Area”)
7. The eastern portion of the Western Ditch, including the piece of land extending north of the Western Ditch to the southern toe of the South Landfill Lobe, and the land extending south to the Pioneer property boundary (the “Eastern W. Ditch Area”).

1.2 SITE HISTORY

The many production processes that have operated at the BMI Complex since 1942 have generated a variety of waste by-products. A majority of these wastes were disposed of in the BMI landfill, and in numerous ponds located on the north side of the BMI complex. The types of quantities of wastes reportedly disposed of in the BMI landfill are presented in Table 5-2 of the Common Areas Environmental Conditions Report prepared by Geraghty & Miller (1993).

Waste materials that were reportedly disposed of in the landfill are also presented in the Background section of the BRC CAMU Groundwater Monitoring Plan (GMP, 2007))

Besides land disposal, historical manufacturing operations and work management practices in the production areas up-gradient of the landfill have been known to have significantly impacted groundwater quality in the vicinity of the landfill area. For details on the extent of impacted groundwater in the vicinity of the landfill area, see Harding Lawson Associates, Inc. (1999). On April 25, 1991, NDEP, Chem Star, Inc., KMCC, Montrose Chemical Corporation of California (Montrose), Pioneer Chlor-Alkali Company, Inc., Stauffer, and Titanium Metals Corporation

(TIMET) (collectively, the “Companies”) entered into a consent agreement (the “Consent Agreement”) that requires the Companies to participate in the first phase of a “phased” approach to the assessment and remediation, if necessary, of environmental conditions at or associated with the BMI Complex in Henderson, Nevada. Pursuant to the Consent Agreement, each company is obligated to conduct an environmental conditions assessment of its current or former operation at the BMI Complex, and jointly to prepare a report concerning the BMI Common Areas and any off-site waste management areas.

1.3 SITE HYDROGEOLOGY

Groundwater at the Site occurs in two primary water-bearing units. The first water occurrence is generally an unconfined water-bearing unit consisting of primarily alluvial sands and gravels of Quaternary age, and generally described as the Quaternary Alluvium (Qal). The second water-bearing unit underlying the Qal is the Upper Muddy Creek formation (UMCf), which is generally a confined unit comprised mostly of silts and clays including sporadic thin water-bearing lenses that extends from the Qal/UMCf interface downward through the maximum depth explored (200 feet below ground surface [bgs]) during the 2005 CAMU Investigation. The UMCf is lacustrine deposition of Tertiary age.

The depth at which the Qal/UMCf interface was encountered at each CAMU site boundary well boring is included in Table 1-1. It is noteworthy that continuous core sonic drilling techniques were required to detect and characterize the thin saturated lenses within the UMCf.

The regional and local hydrogeology of the Site is detailed in the Conceptual Site Model (CSM), Proposed CAMU Site, prepared for BRC by Daniel B. Stephens & Associates, Inc. (DBS&A) (2007).

In the vicinity of the CAMU Site, groundwater is typically encountered first in the Qal under unconfined conditions. The first water-bearing zone in the subsurface is also referred to as the “alluvial aquifer” (Aa) whether it occurs in the Qal or the UMCf.

Work performed by MWH Americas, Inc. (MWH) (BRC and MWH, 2005) indicated that the Qal is unsaturated toward the east, with saturation first noted in the uppermost UMCf, very near

to the contact between the Qal and the UMCf. Wells in this area were reportedly completed in the UMCf because the Qal was found to be unsaturated. Groundwater beneath the Montrose facility immediately to the south of the CAMU Site is also encountered first in the upper sediments of the UMCf (SECOR, 2002). It is thought that the Qal has been dewatered in this area as a result of operation of the Tronox remediation system, located on the property east and adjacent to the CAMU Site.

Monitoring wells installed during the 2005 CAMU Investigation are shown on Figure 1-3. Chemical analytical data collected during the 2005 CAMU Investigation are summarized in Table 1-2. For additional details regarding the 2005 Investigation reference the BRC CAMU Groundwater Monitoring Plan (GMP, 2007) or BRC CAMU Soil, Soil Vapor, Groundwater, and Slit Trench Investigation Report (2005).

1.4 PURPOSE AND SCOPE

The focus of the groundwater monitoring program (GMP) is monitoring of the first water across the site, which is in mainly the Qal except on the eastern portion of the site as discussed above. CAMU GMP monitoring wells are shown on Figure 1-4. Under the approved GMP, data are reviewed and validated on a quarterly basis and detailed quarterly reports are prepared to summarize each component of the overall plan. These reports provide an overall repository of groundwater data and its current status on a regular and consistent basis. Data from the GMP may be used to update the conceptual site model (CSM) for the CAMU site on a periodic basis. Based on the needs of the CSM, this GMP may be revised as needed in the future. Data are evaluated after each sampling event to ensure consistency and representativeness, and to provide a comprehensive assessment of groundwater conditions.

The following activities were performed during the 2007 groundwater monitoring event.

- Performed well head inspections, including surface completion and well security.
- Measured depth to groundwater in wells relative to top of casing.
- Measured total depth of well relative to top of casing in wells without dedicated pumps in place.

- Collected photo-ionization detector (PID) readings of ambient air at well heads.
- Collected groundwater samples for laboratory chemical analysis using both micro-purge and net-purge sampling techniques.
- Evaluated hydrogeology and chemical analytical results for water quality.
- Evaluated data for trends based on previous data and project-specific screening levels.

1.5 REPORT ORGANIZATION

The following is the outline for the 2007 GMR.

- Section 1.0 presents the introduction information pertaining to the site location, history, and hydrogeology, and the purpose, scope, and organization of this report.
- Section 2.0 presents the groundwater monitoring program information pertaining to groundwater program activities including: well measurements, sample collection, decontamination procedures, management of investigation-derived waste, and analytical program.
- Section 3.0 presents the groundwater monitoring data including: groundwater conditions, analytical results, and recommendations.
- Section 4.0 lists the references.
- Appendix A presents the electronic database and an electronic copy of the 2007 GMR.
- Appendix B presents the well hydrographs.
- Appendix C presents the concentration trend graphs.
- Appendix D presents isoconcentration maps.

2.0 GROUNDWATER MONITORING PROGRAM

Groundwater monitoring and sampling procedures were performed as specified in the *BRC Corrective Action Management Unit (CAMU) Groundwater Monitoring Plan, BMI Complex, Henderson, Nevada* (BRC, 2007), and associated Site-specific Field Sampling/Standard Operating Procedures (FSSOPs; BRC and MWH 2006a) and Quality Assurance Project Plan (QAPP; BRC and MWH 2006b).

Chemicals known or suspected to be associated with historical site operations and potentially impacting groundwater – i.e., site-related chemicals (SRC) and GMP analytical list for the BMI CAMU are presented in Table 2-1. Analytical Laboratories, analytical methods, sample containers, preservation, and holding times associated with the groundwater program are presented in Table 2-2.

Five non-BRC monitoring wells were evaluated and considered to be potentially useable monitoring wells (pending field verification) to address data gaps across the Site in addition to 11 BRC-owned monitoring wells located on the CAMU site. All 11 BRC-owned wells proposed were used for groundwater monitoring and sampling of water quality, in addition to the 5 other non-BRC wells proposed across the Site. Figure 1-3 presents all BRC-owned and other monitoring wells near the Site. Figure 1-4 shows the locations of the 16 proposed wells identified for proposed monitoring and sampling for the GMP.

Two BRC-owned wells (AA-BW-05A and AA-BW-08A) are completed in the Qal located across the Site, nine BRC-owned wells (AA-BW-01A, AA-BW-02A, AA-BW-03A, AA-BW-04A, AA-BW-06A, AA-BW-07A, AA-BW-08B, AA-BW-09A, and AA-BW-12A) are completed across the Qal/UMCf contact, and the 5 non-BRC wells lack complete well construction details, but three wells are completed across the Qal/UMCf contact (H-46, B17, and B18), while the screen interval data for the other two wells (H-55 and M6A) is not known at this time

The following sections briefly describe the procedures, and analytical program, implemented by BRC contractors during field activities associated with the 2007 CAMU event.

2.1 WELL INSPECTION AND MEASUREMENTS

Every monitoring well scheduled for water level measurement or sampling was inspected for deficiencies and potential problems. An inspection log was completed, noting all deficiencies and problems and is presented as Table 2-3. The following general information was documented during the inspections:

- Date, well identification number;

- Description of condition:
- Security posts, well pad, security casing, and dedicated sampling components, if applicable;
- Gasket, lock, well casing, well head, flange bolt tightness; and
- Straightness of the well head.

In addition to the routine well inspection, each well total depth was measured to determine if formation material surrounding the well has migrated into and accumulated inside the well casing for wells not utilizing dedicated pump systems. Wells that contain an accumulation of material that exceeds 20% of the screened interval would be considered for redevelopment.

During the 2007 CAMU event an excessive (greater than 20% of screened interval), accumulation of material was measured in the bottom of well AA-BW-02A (29.8%) and well AA-BW-08A (33.0 %). The accumulation of material measured in each well is presented in Table 2-3. Based on the data BRC will consider re-developing well AA-BW-02A and AA-BW-08A prior to the next sampling event.

A total of 16 wells were proposed for groundwater measurements. Results of groundwater elevation measurements from the 2007 CAMU event are discussed in Section 3.1. Water level measurements were performed in accordance with procedures described in the project specific Standard Operating Procedure (SOP)-5 (Water Sampling and Field Measurements).

During the 2007 CAMU well inspection and measurement activities, well H-46 could not be located. Field inspections of the general area revealed that the ground surface had been graded in the area and may have resulted in the well being buried. Additionally, well M6A, located on adjacent property owned by Stauffer could not be accessed due to delays with obtaining an access agreement to use the well. Because wells H-46 and M6A could not be accessed, proposed water level measurements and chemical analyses were not performed on these two wells during the 2007 CAMU event.

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

directions and gradients. These measurements, when converted to elevations relative to a standard datum like mean sea level which is used for the Site, and posted on a map, can be contoured to prepare potentiometric surface maps, that indicate the direction of groundwater flow.

Water level measurements collected from wells located proximate to each other and screened in different monitoring zones are used to determine vertical gradients and the potential for vertical flow. In areas of the Site where wells are not within close proximity to each other, vertical gradients may be determined from wells screened in the different monitoring zones located short distances apart (i.e., within 300 feet or so of each other). The difference in groundwater level elevations between two wells screened in different water-bearing zones, divided by the vertical difference between the wells, is used to determine if there is a potential for groundwater to flow up or down from one zone to another. This information is important because it is used to determine how and/or where groundwater contaminants may be migrating.

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.

Water levels were measured in all wells across the Site as shown in Figure 1-4 during the 2007 CAMU event to provide a “snapshot” of water levels, gradients, and flow directions. All of the water level measurements were conducted over a one-day period (October 22, 2007) except for well H-55, which was measured on October 30, 2007. Field events were coordinated to coincide with the similar measurements being conducted by other BMI Companies, whenever possible. Measurements were collected in the shortest possible time so the local hydraulic gradients can be assumed to have been made under comparable conditions.

2.2 SAMPLE COLLECTION

As approved by the NDEP in the July 25, 2006 meeting between BRC and the NDEP, BRC contractors continued the micro-purge and sampling methodology for the 2007 CAMU

monitoring and sampling event that was established and implemented during quarterly monitoring events at the BMI Common Areas (Eastside) Site.

During the 2007 CAMU event, 11 BRC-owned wells 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 all AA(Aa)-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 for non-saturated well screens.

Five non-BRC wells were proposed to be monitored and sampled using a QED[®] brand SamplePro portable bladder pump system. Three of the five proposed non-BRC wells were monitored and sampled for groundwater during this event using the SamplePro portable pump system. The portable pump (sample) intakes were generally placed near the bottom of the screen interval for non-saturated well screens for groundwater monitoring and sampling collection. Wells H-46 and M6A were not accessible during this sampling event as discussed in Section 2.1, and therefore were not sampled. Well purging details and sampling summary data are presented in Table 2-4.

During the initial sample purging process for well AA-BW-08B the field crew observed dark gray to black liquid “product” being pumped from the well. As the purge water was pumped into the waste containment purge bucket the product was almost black in color at the beginning of the purging (approximately 4 liters) and became lighter to a dark gray color towards the end of the volume purged (approximately 12 liters). Approximately 16 liters of purge water with product was removed before documentation of groundwater parameters was initiated. The product appeared to have the same consistency as water, but also included a darker (almost black) material mixed within the dark gray liquid product. This material did not float and appeared to collect toward the bottom of the purge bucket after purging. BRC was notified of the product observed during purging of the well and BRC requested that it was sampled and submitted to TA-St. Louis for analyses. On October 24, 2007 the product was collected in one 40-milliliter non-preserved VOA vial and submitted to the laboratory. After discussing the product sample with the laboratory project manager he suggested that the sample be screened for VOCs and that

the laboratory could provide estimated concentrations and would try to determine what the material was due to the limited volume of sample collected and the dilution needed in preparation of the sample. Note that this sample was collected from the bottom of a purge bucket as a grab sample not intended to be subjected to the project data validation and quality control standards. BRC's intentions were to gather additional information about the product to support the groundwater characterization at the Site. The laboratory determined that the sample was primarily benzene and chlorobenzene at estimated concentrations of 3,339,000 µg/kg and 17,950,000 µg/kg, respectively. This data is consistent with elevated concentrations of benzene and chlorobenzene reported in samples collected from wells AA-BW-08A and AA-BW-08B during the 2007 CAMU event. As discussed below in Section 3.3 (Recommendations), well AA-BW-08B is cross-screened in both the Qal and the UMCf and this fact should be noted. ([It should be noted that this well is screened across the Qal/TMC contact and nearby well AA-BW-08A (solely screened in the Qal) did not show the presence of the product). It is difficult to discern whether the source of the product is from coarse-grained permeable lenses in the UMCf or if the product has accumulated on the Qal/UMCf contact and dropped into the lower well AA-BW-08B.

Standard sampling and documentation procedures were developed for performing water level measurements and monitoring well sampling, well maintenance, general field operations, and instrument calibration. All sampling and field measurement procedures were performed in accordance with procedures presented in the GMP and the BRC FSSOPs. Adherence to these procedures promotes consistency in field procedures and comparability of data collected over time.

Field quality control (QC) measures implemented during the quarterly groundwater sampling event were performed according to BRC QAPP requirements and BRC FSSOPs. Specific wells or locations where QC samples were collected were identified at the beginning of the quarterly event by BRC and its field consultant. The required QC sample frequencies and field QC measures include but are not limited to:

- Collection of 10% field duplicates, 5% equipment blanks, and 5% matrix spike/matrix spike duplicate samples (MS/MSD);

- Providing accurate, detailed field documentation;
- Proper sample packaging and shipment under chain of custody (COC) procedures.

2.3 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 FSSOPs were followed to ensure proper decontamination of sampling equipment.

Decontamination equipment was prepared at each well location for cleaning sampling equipment. Supplies included five-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 onsite at a centralized collection area.

2.4 MANAGEMENT OF INVESTIGATION-DERIVED WASTE

During the 2007 CAMU monitoring event 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.

2.5 ANALYTICAL PROGRAM

Analytical procedures for the 2007 CAMU sampling event were implemented according to the BRC QAPP. The list of chemicals known to be associated with historical site operations (the SRCs) is provided as Table 2-1. Analytical specifications include methods, target analytes,

detection and quantitation limits, calibration and calibration verification, and QC procedures and specifications. These specifications also require that analysis 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 except for two samples analyzed for sulfite. BRC pursued finding a State-certified laboratory to perform sulfite analysis, but was unable to procure a laboratory in time to have samples analyzed. Two samples were analyzed by a non-certified laboratory prior to BRC becoming aware that the laboratories certificate had lapsed. The groundwater sampling parameters of interest, analytical methods, and specific compounds and the GMP Analytical Program are presented in Table 2-1.

The following sections summarize the groundwater analytical programs conducted for the 2007 CAMU groundwater monitoring event. Additional detail about the analytical programs is provided in the *BRC Corrective Action Management Unit (CAMU) Groundwater Monitoring Plan, BMI Complex, Henderson, Nevada (Revision 0)*, (BRC, 2007). Analytical methods used during the program were selected based on data requirements for investigating Comprehensive Environmental Response, Compensation, and Liability Act sites and for conducting human health and ecological risk assessment, 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. Table 2-2 summarizes the analytical laboratories, methods, containers, preservation, and holding times used during the 2007 CAMU event for the collection and analysis of groundwater samples. Samples were packaged and shipped with proper COC documentation to the analytical laboratories as described in BRC FSSOPs and QAPP.

2.6 GROUNDWATER ANALYSIS

Groundwater samples from 14 monitoring wells were analyzed for a broad spectrum of chemical analytes and chemical classes during the 2007 CAMU event. The samples were analyzed for general chemistry parameters, anions, total metals, hexavalent chromium, perchlorate, radionuclides, VOCs, SVOCs, OCPs, OPPs, organic acids, aldehydes, PCB, dioxin and furan, and dissolved gases. Analytical results are described in Section 3.2.

2.7 ANALYTICAL LABORATORIES

Several laboratories were utilized during the 2007 CAMU event (October – November 2007). TestAmerica Laboratories (TA) (formerly Severn Trent Laboratories), located in Earth City, Missouri (TA St. Louis), was the primary laboratory used for the bulk of the chemical analyses. TA St. Louis was not equipped to perform some of the selected chemical analyses and therefore enlisted other TA facilities to conduct those analyses. TA Denver (Colorado) performed the OPP analyses. TA Richland (Washington) performed the radiochemical analyses. TA Sacramento (California) performed the dioxin/furans, perchlorate, and total organic carbon and total inorganic carbon analyses. TA Irvine (California) performed the analyses for aldehydes, dichlorobenzil, and chlorite. TA Nashville (Tennessee) performed the analyses for sulfite in groundwater samples.

TestAmerica was not equipped to analyze organic acids at any of its facilities. Therefore, Alpha Analytical, located in Sparks, Nevada was subcontracted to analyze for organic acids in groundwater samples.

Southwest Analytical (formerly NEL Laboratories), located in Las Vegas, Nevada, was subcontracted to analyze for hexavalent chromium in groundwater samples. This laboratory was selected based on proximity to the Site and its ability to analyze groundwater samples with short holding times (e.g., hexavalent chromium).

All of the laboratories are Nevada certified. Two sulfite analyses were performed on groundwater samples (GW-B18 and GW-AA-BW-03A) by EPA Method 377.1, but after BRC became aware the laboratory did not have a current State certification for the method, all other sulfite analyses were discontinued.

2.8 QUALITY ASSURANCE/QUALITY CONTROL

Measurement data was 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 (QA) 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 2007 CAMU Event in 2007.

Various types of QC samples were collected to aid in evaluating the analytical data quality. Field duplicate groundwater samples were collected at a rate of 10 percent, or one duplicate sample for every 10 groundwater samples. Two field duplicate samples were collected during the event. Trip blanks were prepared by the laboratory and were included in each groundwater sample shipment containing VOCs, for analysis of VOCs. Equipment decontamination blanks were collected at a rate of 5 percent of all groundwater samples collected, or one blank for every 20 groundwater samples collected using non-dedicated or non-disposable equipment. One equipment blank sample was collected during the program. Equipment decontamination blanks were analyzed for all applicable target analytes. In addition to the above QC samples, additional sample volume was collected for one of every 20 groundwater samples in order to conduct laboratory MS/MSD analyses. One MS/MSD sample was collected during the event.

2.9 DATA REVIEW AND VALIDATION

The guidance for data review and validation is provided in USEPA National Functional Guidelines (USEPA, 1999, 2001, 2004 and 2005). These guidance manuals provided direction for the data review and validation activities conducted for data collected during this event. All of the data was subject to a Level 3 review. Level 3 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, MS/MSD, surrogates and internal standards (as applicable), and compound identification. In addition to the Level 3 review, 20 percent of all data collected during the course of the investigation were subject to full Level 4 data validation. Level 4 data validation consisted of review of all parameters reviewed as part of the Level 3 review with additional

review of the raw data including chromatograms, log books, quantitation reports and spectra. Laboratory Data Consultants, Inc. (LDC) was subcontracted to conduct all the data validation. A Data Validation Summary Report (DVSR) for all data collected during this event (DVSR #49) has been prepared and submitted separately as a stand-alone report by Environmental Resources Management, Inc. (ERM).

3.0 GROUNDWATER MONITORING DATA

General groundwater conditions and analytical results for the 2007 CAMU event are summarized in this section. All Site monitoring wells are presented in Figure 1-4.

3.1 GROUNDWATER CONDITIONS

This section describes the general groundwater conditions at the Site during the 2007 CAMU event including depth to groundwater, groundwater gradient, and groundwater flow direction.

3.1.1 Depth to Groundwater

Groundwater level measurements were attempted at 16 wells and successfully collected from 14 wells across the Site. Two wells could not be monitored due to circumstances discussed in Section 2.1. Depth to groundwater measurements ranged from 33.40 btoc at well head AA-BW-06A to 51.83 feet btoc in well AA-BW-08B. The highest measured groundwater elevation was 1729.80 feet amsl in well B18, located in the southwest portion of the Site and screened from 44.5 to 54.5 bgs and across the Qal/UMCf contact. The lowest measured groundwater elevation was 1692.96 feet amsl in well AA-BW-04A, located in the north-east portion of the Site and screened in the first or upper unconfined water-bearing zone within the Qal. Groundwater elevations from the Site wells were measured and are presented in Groundwater Elevation Data Table 3-1. Well hydrographs are presented in Appendix B.

3.1.2 Potentiometric Surface and Groundwater Flow Direction

As discussed above in Section 2.0, several wells in the CAMU area are screened across the Qal/UMCf contact as well as within the Qal. However, the potentiometric surface of

groundwater is depicted in this report by the first groundwater, or within the Alluvial aquifer (Aa), presented as Figure 3-1.

Two of the CAMU area wells in the current monitoring program are screened above the UMCf contact and are considered Qal-only wells. Well AA-BW-05A was screened across a 1-foot thick lens of clayey silt near the bottom of its screen, but this well is considered a Qal-only well. Well AA-BW-08A, screened above caliche and clayey silt, is also considered a Qal-only well.

The remaining CAMU area monitoring wells were screened across the Qal/UMCf contact. The screens in wells AA-BW-04A and AA-BW-06A were set approximately 1 foot into the clayey silt of the UMCf (Table 1-1). The screens in wells AA-BW-07A and AA-BW-09A were set 2 feet into the UMCf. The remaining AA-series wells, and wells B17 and B18, were set up to 11 feet into the UMCf.

As illustrated in Figure 3-1, the general groundwater flow direction beneath the Site is north-northeasterly at an average gradient of 0.013 feet per foot in the Aa. The potentiometric surface of the first groundwater, and general groundwater flow direction are consistent with previous data presented in the 2005 BMI CAMU Investigation report (BRC, 2007).

3.2 SUMMARY OF ANALYTICAL RESULTS AND FINDINGS

Groundwater analytical results are presented in this section for the 2007 CAMU event performed at the Site. Additionally, previous analytical results are summarized based on maximum concentrations reported and location. Data validation for the data set was completed by ERM personnel and LDC as discussed in Section 2.9. Data validation qualifiers and reason codes are presented in Table 3-2. A summary of groundwater analytical results from the 2007 CAMU event are presented in Table 3-3. Groundwater analytical results for the 2007 CAMU event are presented by individual chemical class in Tables 3-4 through Table 3-16.

A review of data collected during the 2007 CAMU monitoring and sampling event was evaluated by number of detections, maximum concentrations, number of detections exceeding USEPA maximum contaminant level (MCLs) or other established screening criteria like USEPA Region 6 medium-specific screening levels (MSSLs), or analytes of interest by BRC to support the

CSM. Twenty-three AOIs were selected from the various chemical classes from the current monitoring and sampling event for discussion below. Concentration trend graphs for select AOIs from the 2007 CAMU event are presented in Appendix C.

VOC Results Summary

During the 2007 CAMU event several VOCs were reported above associated MCLs or MSSLs. BRC has presented a summary of 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,4-Dichlorobenzene, benzene, chlorobenzene, trichloroethylene, tetrachloroethylene, cis-1,2-dichloroethylene, trans-1,2-dichloroethylene, vinyl chloride, and chloroform below as AOIs. A summary of the 2007 CAMU results for VOCs is presented in Table 3-4.

During the 2007 CAMU event **1,2,4-Trichlorobenzene** was detected above screening criteria in 7 of 14 samples. Screening criteria are the MSSL of 8.2 micrograms per liter ($\mu\text{g/L}$), and MCL of 70 $\mu\text{g/L}$. 1,2,4-Trichlorobenzene was detected at a maximum concentration of 1,600J ($\mu\text{g/L}$) (estimated) in the sample collected from well AA-BW-08B, which is screened from approximately 43 to 63 feet bgs across the Qal/UMCf. Well AA-BW-08B is located in the southern portion of the Slit Trench Area, near the southern Site boundary. Detected 1,2,4-Trichlorobenzene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-1.

During the 2007 CAMU event **1,2-Dichlorobenzene** was detected above screening criteria in 8 of 14 samples. Screening criteria are the MSSL of 49 $\mu\text{g/L}$ and MCL of 600 $\mu\text{g/L}$. 1,2-Dichlorobenzene was detected at a maximum concentration of 3,000J $\mu\text{g/L}$ (estimated) in the sample collected from well AA-BW-08B. Well AA-BW-08B is located in the southern portion of the Slit Trench Area, near the southern Site boundary. Detected 1,2-Dichlorobenzene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-2.

During the 2007 CAMU event **1,4-Dichlorobenzene** was detected above screening criteria in 12 of 14 samples. Screening criteria are the MSSL of 0.47 $\mu\text{g/L}$ and MCL of 75 $\mu\text{g/L}$. 1,4-Dichlorobenzene was detected at a maximum concentration of 4,900J $\mu\text{g/L}$ (estimated) in the sample collected from well AA-BW-08B. Well AA-BW-08B is located in the southern portion

of the Slit Trench Area, near the southern Site boundary. Detected 1,4-Dichlorobenzene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-3.

During the 2007 CAMU event **benzene** was detected above screening criteria in 13 of 14 samples. Screening criteria are the MSSL of 0.35 µg/L and MCL of 5 µg/L. Benzene was detected at a maximum concentration of 45,000J µg/L (estimated) in the sample collected from well AA-BW-04A, which is screened from approximately 32 to 52 feet bgs across the Qal/UMCf contact in the Aa. Well AA-BW-04A is located just north of the northern boundary of the North Landfill Lobe Area. Additionally, a product sample was collected from well AA-BW-08B and was identified by the laboratory as primarily benzene and chlorobenzene. The laboratory estimated the concentration of benzene at 3,339,000 micrograms per kilogram (µg/kg) in the product sample collected. For additional information about the product sample see Section 2.2. Detected benzene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-4.

During the 2007 CAMU event **chlorobenzene** was detected above screening criteria in 10 of 14 samples. Screening criteria are the MSSL of 91µg/L and MCL of 100 µg/L. Chlorobenzene was detected at a maximum concentration of 38,000 µg/L in the sample collected from well AA-BW-08B. Well AA-BW-08B is located in the southern of the Slit Trench Area, near the southern Site boundary. Additionally, a product sample was collected from well AA-BW-08B and was identified by the laboratory as primarily benzene and chlorobenzene. The laboratory estimated the concentration of chlorobenzene at 17,950,000 micrograms per kilogram (µg/kg). For additional information about the product sample see Section 2.2. Detected chlorobenzene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-5.

During the 2007 CAMU event **trichloroethylene** was detected above screening criteria in 9 of 14 samples. Screening criteria are the MSSL of 0.028 µg/L and MCL of 5 µg/L. Trichloroethylene was detected at a maximum concentration of 29J- µg/L (estimated, biased low) in the sample collected from well AA-BW-06A. Well AA-BW-06A is located north of the

Northern Landfill Lobe Area. Detected trichloroethylene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-6.

During the 2007 CAMU event **tetrachloroethylene** was detected above screening criteria in 6 of 14 samples. Screening criteria are the MSSL of 0.10 µg/L and MCL of 5 µg/L. Tetrachloroethylene was detected at a maximum concentration of 750J µg/L (estimated) in the sample collected from well AA-BW-04A. Well AA-BW-04A is located just north of the northern boundary of the North Landfill Lobe Area. Detected tetrachloroethylene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-7.

During the 2007 CAMU event **cis-1,2-Dichloroethylene** was not detected above the screening criteria in the samples collected during the 2007 CAMU event. Screening criteria are the MSSL of 61.00 µg/L and MCL of 70 µg/L. Cis-1,2-Dichloroethylene was detected at a maximum concentration of 0.44J µg/L (estimated) in the sample collected from well AA-BW-05A. Well AA-BW-05A is located just north of the northern boundary of the Northern Landfill Lobe Area. Detected cis-1,2-Dichloroethylene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-8.

During the 2007 CAMU event **trans-1,2-Dichloroethylene** was not detected above the screening criteria in the samples collected during the 2007 CAMU event. Screening criteria are the MSSL of 110 µg/L and MCL of 100 µg/L. Trans-1,2-Dichloroethylene was detected at a maximum concentration of 0.21J µg/L (estimated) in the sample collected from well AA-BW-05A. Well AA-BW-05A is located just north of the northern boundary of the Northern Landfill Lobe Area. Detected trans-1,2-Dichloroethylene concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-9.

During the 2007 CAMU event **vinyl chloride** was detected above screening criteria in 3 of 14 samples. Screening criteria are the MSSL of 0.015 µg/L and MCL of 2 µg/L. Vinyl chloride was detected at a maximum concentration of 0.71J µg/L (estimated) and 0.71J+ (estimated, biased high) in the samples collected from wells AA-BW-04A and AA-BW-09A, respectively. Well AA-BW-04A is located just north of the northern boundary of the North Landfill Lobe Area. and well AA-BW-09A is located in the south-east portion of the Slit Trench Area, near the

southern Site boundary. Detected vinyl chloride concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-10.

During the 2007 CAMU event **chloroform** was detected above screening criteria in 14 of 14 samples. Screening criteria are the MSSL of 0.17 µg/L and MCL of 80 µg/L. Chloroform was detected at a maximum concentration of 6,700J µg/L (estimated) in the sample collected from well AA-BW-08B. Well AA-BW-08B is located in the southern portion of the Slit Trench Area, near the southern Site boundary. Detected chloroform concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-11.

SVOC Results Summary

During the 2007 CAMU event several SVOCs were reported above MCLs or MSSLs screening criteria. Reporting limits were raised for some analytes due to matrix interference issues. BRC did not select any SVOCs as AOIs from this event. During the 2007 CAMU event limited SVOC data was rejected from well B17 due to loss of chain of custody integrity due to a lack of laboratory signature. A summary of the 2007 CAMU results for SVOCs is presented in Table 3-5.

PAH Results Summary

PAHs were not detected above laboratory reporting limits in samples collected from the 2007 CAMU event. Several laboratory detection limits were elevated above screening criteria due to matrix interference issues. PAHs are included in the SVOC analytical suite, therefore the NDEP agreed that separate analyses for PAHs could be dropped from the sampling program for the 2007 CAMU event. The 2007 CAMU data is presented in Table 3-5.

OCP Results Summary

During the 2007 CAMU event there were several OCPs reported above MSSLs and MCLs in samples collected from the Site. BRC has presented a summary of alpha-BHC, beta-BHC, and gamma-BHC (Lindane) below as AOIs. A summary of the 2007 CAMU results for OCPs are presented in Table 3-6.

During the 2007 CAMU event limited OCP data was rejected from wells AA-BW-01A and AA-BW-12A due to the loss of chain of custody integrity (lack of signature) by the laboratory.

During the 2007 CAMU event **alpha-BHC** was reported above screening criteria in 13 of 14 samples. Screening criterion is the MSSL of 0.02 µg/L for alpha-BHC. Alpha-BHC was detected at a maximum concentration of 4,400 µg/L in the sample collected from well AA-BW-08B. Well AA-BW-08B is located in the southern portion of the Slit Trench Area, near the southern Site boundary. Detected alpha-BHC concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-12.

During the 2007 CAMU event **beta-BHC** was reported above screening criteria in 9 of 14 samples. Screening criterion is the MSSL of 0.037 µg/L for beta-BHC. Beta-BHC was detected at a maximum concentration of 1,500J µg/L (estimated) in the sample collected from well AA-BW-08B. Well AA-BW-08B is located in the southern portion of the Slit Trench Area, near the southern Site boundary. Detected beta-BHC concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-13.

During the 2007 CAMU event **gamma-BHC (Lindane)** was reported above screening criteria in 7 of 14 samples. Screening criterion is the MSSL of 0.052 µg/L and MCL of 0.2 µg/L for gamma-BHC. Gamma-BHC was detected at a maximum concentration of 580 µg/L in the sample collected from well AA-BW-08B. Well AA-BW-08B is located in the southern portion of the Slit Trench Area, near the southern Site boundary. Detected gamma-BHC concentrations in Site wells for the 2007 CAMU event are depicted in Appendix D – Concentration Figure D-14.

OPP Results Summary

During the 2007 CAMU event OPPs were not reported above associated MSSLs. Reporting limits were raised for some analytes, specifically for well AA-BW-08B due to matrix interference issues. A summary of the 2007 CAMU results for OPPs are presented in Table 3-7.

Total Metal Results Summary

During the 2007 CAMU event there have been several metals reported above associated MCLs or MSSLs in samples collected from the Site. BRC has presented a summary of arsenic and manganese below as AOIs. A summary of the 2007 CAMU results for total metals are presented in Table 3-8.

During the 2007 CAMU event, **arsenic** was detected above screening criteria in 13 of 14 samples. Screening criteria are the MCL of 10 µg/L and the MSSL of 0.045 µg/L. Arsenic was detected at a maximum concentration of 782 µg/L in the sample collected from well AA-BW-09A, which is screened from 33 to 53 feet bgs across the Qal/UMCf contact. Well AA-BW-09A is located in the south-east portion of the Slit Trench Area, near the southern Site boundary. Detected arsenic concentrations in Site wells are depicted in Appendix D – Concentration Figure D-15.

During the 2007 CAMU event, **manganese** was detected above screening criteria in 13 of 14 samples. The screening criterion is the MCL of 50 µg/L and the MSSL of 1703 µg/L. Manganese was detected at a maximum concentration of 2,680 µg/L in the sample collected from well AA-BW-09A. Well AA-BW-09A is located in the south-east portion of the Slit Trench Area, near the southern Site boundary. Detected manganese concentrations in Site wells are depicted in Appendix D – Concentration Figure D-16.

Dioxin and Furan Results Summary

Dioxin and Furan were not detected in samples collected during the 2007 CAMU event. Laboratory detection limits were elevated due to matrix interference issues primarily in well AA-BW-08B and in AA-BW-12A. Dioxin and Furan results are presented in Table 3-9 for the 2007 CAMU data.

General Chemistry and Perchlorate Results Summary

BRC discusses chloride, perchlorate, sulfate, and total dissolved solids (TDS) below as AOIs. A summary of 2007 CAMU results for general chemicals and perchlorate are presented in Table 3-10.

During the 2007 CAMU event, **chloride** was detected above screening criteria in 14 of 14 samples. The screening criterion is the MCL of 250 milligrams per liter (mg/L). Chloride was detected at a maximum concentration of 31,100 mg/L in the sample collected from well AA-BW-09A, which is screened from 33 to 53 feet bgs across the Qal/UMCf contact. Well AA-BW-09A is located in the south-east portion of the Slit Trench Area, near the southern Site boundary. Detected chloride concentrations in Site wells are depicted in Appendix D – Concentration Figure D-17.

During the 2007 CAMU event, **perchlorate** was detected above screening criteria in 4 of 14 samples, but due to elevated detection limits by the laboratory the true detections may be more. Perchlorate screening criteria are the USEPA Drinking Water Equivalent of 24.5 µg/L. Perchlorate was detected at a maximum concentration of 122 µg/L in the field duplicate (FD) sample collected from well B17. Well B17 is located in the eastern portion of the Western Ditch Area, near the southern Site boundary. Detected perchlorate concentrations in Site wells are depicted in Appendix D – Concentration Figure D-18.

During the 2007 CAMU event, **sulfate** was detected above screening criteria in 14 of 14 samples (DLs were appropriate for sulfate). The screening criterion is the MCL of 250 mg/L. Sulfate was detected at a maximum concentration of 4,540 mg/L in the sample collected from well AA-BW-09A. Well AA-BW-09A is located in the south-east portion of the Slit Trench Area, near the southern Site boundary. Detected sulfate concentrations in Site wells are depicted in Appendix D – Concentration Figure D-19.

During the 2007 CAMU event, **TDS** was detected above the screening criterion MCL of 500 mg/L at a maximum concentration of 60,000 mg/L (estimated, biased low) in the sample collected from well AA-BW-09A. Well AA-BW-09A is located in the south-east portion of the Slit Trench Area, near the southern Site boundary. Reported concentrations in Site wells are depicted in Appendix D – Concentration Figure D-20.

Aldehyde Results Summary

During the 2007 CAMU event two aldehydes were reported above the MSSSLs. Acetaldehyde was reported above the MSSSL of 1.75 µg/L at a maximum concentration of 9.6J µg/L

(estimated) from well H-55. Formaldehyde was reported above the MSSL of 1.46 µg/L at a maximum concentration of 180 µg/L from well AA-BW-08A. Well H-55 is located on the western side of the North Landfill Lobe (just west of the western Site boundary) and AA-BW-08A is in the southern portion of the Slit Trench Area (near the southern Site boundary). A summary of quarterly results for aldehydes are presented in Table 3-11.

Glycol and Alcohol Results Summary

During the 2007 CAMU event glycol and alcohol were not reported above laboratory detection limits. There are no established MCLs or MSSLs for glycol and alcohol at this time. Laboratory detection limits were elevated due to matrix interference issues. A summary of the 2007 CAMU results for glycol and alcohol (ethanol) are presented in Table 3-12.

Organic Acid Results Summary

During the 2007 CAMU event organic acids were not reported above laboratory detection limits. There are no established MCLs or MSSLs for organic acids at this time. Organic acids have been detected in reportable concentrations in samples collected from the Site. A summary of 2007 CAMU results for organic acids are presented in Table 3-13.

PCB Results Summary

PCBs were not detected above laboratory reporting limits in samples collected from the 2007 CAMU event. Laboratory detection limits were elevated due to matrix issues (including the sample from well AA-BW-08B where product was detected). PCB results are presented in Table 3-14 for the 2007 CAMU event.

Radionuclide Results Summary

During the 2007 CAMU event several radionuclides were reported above MCLs or MSSLs in samples collected from the Site. BRC discusses Radium-226/228, Uranium-233/234, and Uranium-238 below as AOIs. A summary of 2007 CAMU results for radionuclides are presented in Table 3-15.

During the 2007 CAMU event **Radium-226/228** was detected above screening criteria in 10 of 14 samples. The screening criterion is the MSSL of 0.120 picoCuries per liter (pCi/L) for Radium-226 and 0.046 pCi/L for Radium-228, and the MCL of 5.0 pCi/L. The individual results for Radium-226 and -228 have been combined for the Radium-226/228 value.

Radium-226/228 was detected at a maximum activity of 2.312 pCi/L in the sample collected from well AA-BW-01A. Well AA-BW-01A is located in the east-side of the Slit Trench Area, adjacent to the eastern Site boundary. Detected Radium-226/228 activities in Site wells are depicted in Appendix D – Concentration Figures D-21.

During the 2007 CAMU event **Uranium-233/234** was detected above screening criteria in 13 of 14 samples. The screening criterion is the MSSL of 0.66 pCi/L. Uranium-233/234 was detected at a maximum activity of 123 pCi/L in the sample collected from well AA-BW-09A. Well AA-BW-09A is located in the on the south-east boundary of the Slit Trench Area, near the southern Site boundary. Detected Uranium-233/234 activities in Site wells are depicted in Appendix D – Concentration Figures D-22.

During the 2007 CAMU event **Uranium-238** was detected above screening criteria in 11 of 14 samples. Screening criteria are the MSSL of 0.55 pCi/L. Uranium-238 was detected at a maximum activity of 84.3 pCi/L in the sample collected from well AA-BW-09A. Well AA-BW-09A is located on the south-east boundary of the Slit Trench Area, near the southern Site boundary. Detected Uranium-238 activities in Site wells are depicted in Appendix D – Concentration Figures D-23.

Additionally, during the 2007 CAMU event ALPHA-activity and BETA-activity were reported above screening criterion MCLs of 15 pCi/L and 50 pCi/L, respectively. ALPHA-activity and BETA-activity were reported at maximum levels of 141 pCi/L and 229 pCi/L, respectively, in wells AA-BW-08B and AA-BW-09A, respectively.

Dissolved Gases Results Summary

During the 2007 CAMU event dissolved gases were reported in samples collected from Site wells. There are no established MCLs or MSSLs for dissolved gases at this time. Ethane was reported at a maximum concentration of 2.2J µg/L (estimated) in the sample collected from well

AA-BW-12A. Well AA-BW-12A is located in the eastern portion of the Western Ditch Area, near the southern Site boundary. Ethylene was reported at a maximum concentration of 10 µg/L in the sample collected from well AA-BW-08B. Well AA-BW-08B is located in the southern portion of the Slit Trench Area, near the southern Site boundary. Methane was reported at a maximum concentration of 1,400 µg/L in the sample collected from well AA-BW-12A, near the southern Site boundary. A summary the 2007 CAMU results for dissolved gases is presented in Table 3-16.

3.3 RECOMMENDATIONS

During previous groundwater monitoring and sampling events conducted at the BMI Site, BRC has made suggestions and implemented changes, with NDEP approval, to optimize the program for future groundwater monitoring events. It is recommended that such data-driven optimization continue for the CAMU Site. For example, based on the data collected, analyses for organic acids, glycol and alcohols, and OPPs should be discontinued in all wells due to non detections or low detections within these chemical classes.

BRC proposes the following actions for the Site and BRC CAMU GMP;

- BRC proposes to re-develop wells AA-BW-02A and AA-BW-08A, and evaluate re-developing other wells, prior to the next sampling event due to an accumulation of material in the bottom of the wells.
- BRC proposes the addition of deep well MCF-BW-08 to the next water level measurement event to help evaluate groundwater flow and vertical gradients over time. Wells TR-1, TR-2 (if accessible), AA-BW-13A, AA-BW-13B, MCF-BW-10A, and MCF-BW-11A should also be included in the water level measurement event. BRC proposes an annual groundwater sample for target analytes from each of these wells. This data may help to evaluate overall groundwater quality and up-gradient impacts over time. Specific target analytes will be evaluated and specified in a separate cover letter or RTC.

- BRC proposes that existing well MCF-08, screened in the UMCf, should be gauged and sampled for the presence of product as observed in AA-BW-08B during the 2007 CAMU event.

In summary, after evaluating the groundwater data collected from the 2007 CAMU event, and concentration figures presented in Appendix D, the data shows that most of the elevated concentrations of contaminants reported in Site wells were in up-gradient wells. Up-gradient wells; AA-BW-01A, AA-BW-08A, AA-BW-08B, AA-BW-09A, and AA-BW-12A had the majority of the elevated concentrations reported during the event. Therefore, BRC recommends that further up-gradient evaluation of groundwater quality should be performed to determine the primary source of the contamination reported at the Site.

BRC proposes to evaluate the usability of current off-site wells to be incorporated into future groundwater monitoring events. If additional wells need to be installed at the Site to address data gaps, BRC suggests that sonic drilling methodology be utilized to continually advance an outer casing during exploration and well installation activities to prevent contaminants from potentially migrating to deeper zones. This drilling method also allows for the collection of continuous cores necessary to identify coarse-grained, high-permeability zones that are likely to control water and chemical migration.

4.0 REFERENCES

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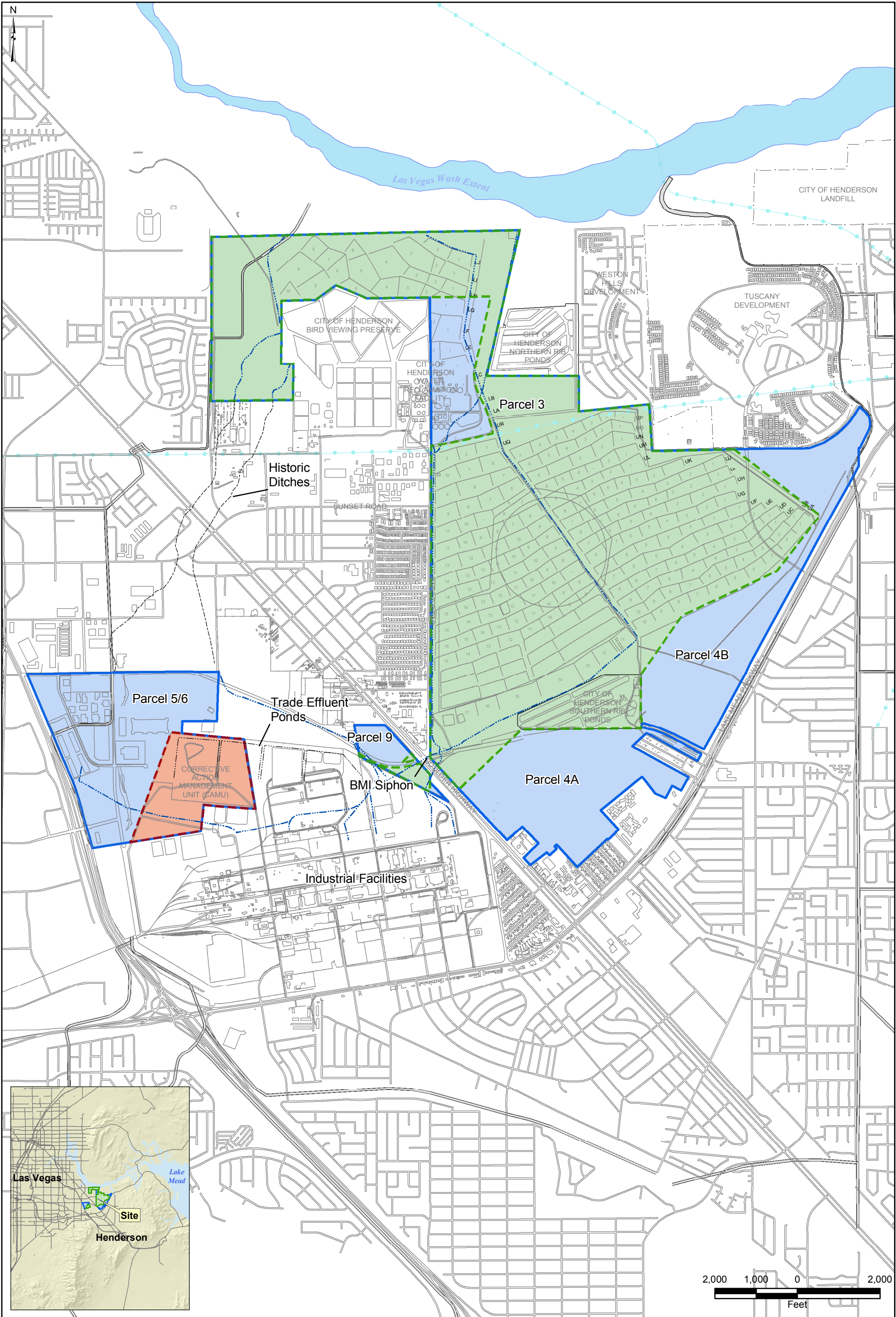
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FIGURES



- CAMU Site
- Site Soil Boundary
- Site AOC3 Boundary

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

FIGURE 1-1
SITE LOCATION MAP



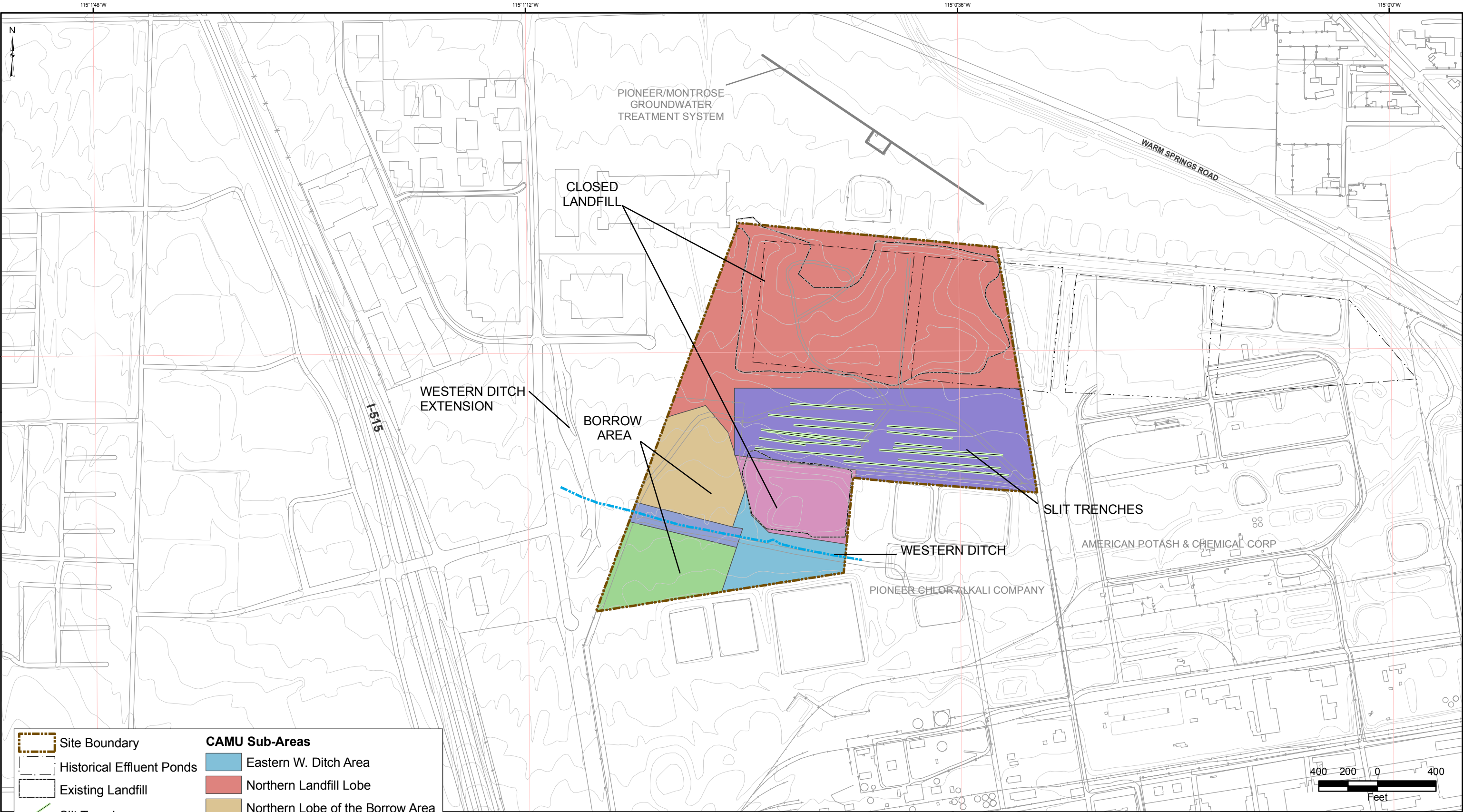
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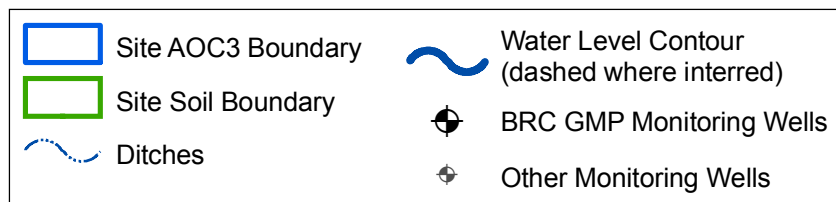
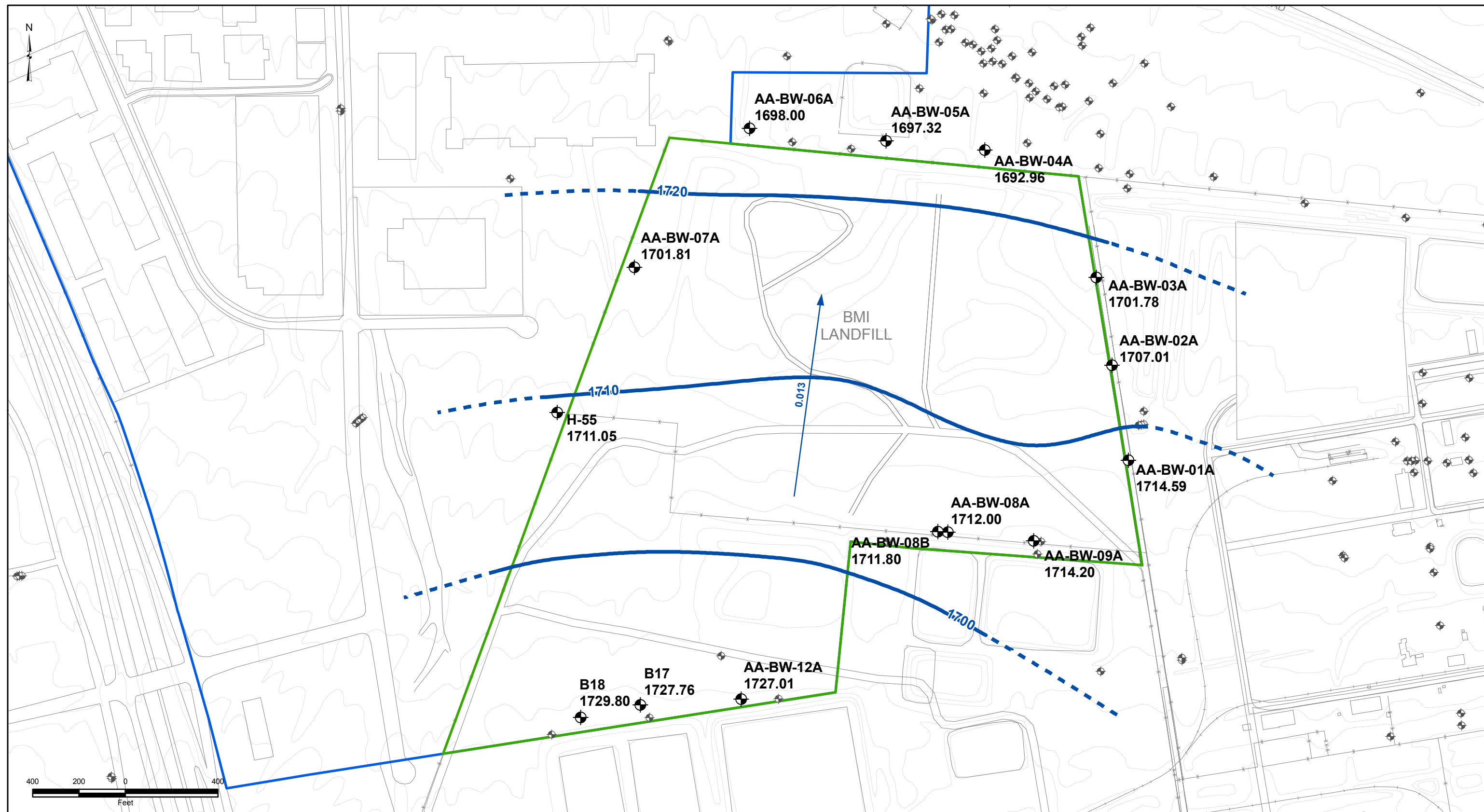
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FILE: GIS/BRC/CAMU_GW/FIGURE1-1.MXD



	Site Boundary	CAMU Sub-Areas		Eastern W. Ditch Area
	Historical Effluent Ponds			Northern Landfill Lobe
	Existing Landfill			Northern Lobe of the Borrow Area
	Slit Trenches			Slit Trench Area (STA)
	Western Ditch			Southern Landfill Lobe
				Southern Lobe of the Borrow Area
				Western W. Ditch Area



CAMU GROUNDWATER
MONITORING REPORT
(OCTOBER-NOVEMBER 2007)

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

FIGURE 3-1

BMI CAMU AREA POTENTIAL
METRIC SURFACE MAP OF
ALLUVIAL AQUIFER WELLS



Prepared by: MWH
Date: 06/12/08

JOB No. 0074742
FILE: GIS/BRC/CAMU_GW/FIGURE3-1.MXD

TABLES

Table 1-1
Boring And Well Construction Details Summary
BMI Landfill CAMU Site - Clark County, Nevada

Well ID	Borehole ID	Borehole Initiation Date	Borehole Completion Date	Well Completion Date	Well Construction Details																													
					Well Purpose	Drilling Contractor	Drilling Method	Drilling Fluid	Geologist	TOC Elevation (feet amsl)	Borehole Elevation (feet amsl)	Borehole Diameter (inches)	Total Borehole Depth (feet bgs)	Depth to First Encountered Groundwater (feet bgs)	Depth to Encountered Qal/UMCf Contact (feet bgs)	Measured Static Water Level (feet btoc)	Well Elevation (feet amsl)	Well Casing/Screen Material	Diameter of Casing (inches)	Depth to Top of Screen (feet bgs)	Depth to Bottom of Screen (feet bgs)	Top of Screen Elevation (feet amsl)	Bottom of Screen Elevation (feet amsl)	Total Measured Well Depth (feet btoc)	Bottom Seal Material	Bottom Seal Interval (feet)	Filter Pack Interval (feet)	Transition Sand Size	Transition Sand Interval (feet)	Bentonite Seal Interval (feet)	Grout Material	Grout Interval (feet)	Wellhead Completion	
H-46	INA	INA	INA	1980	Monitoring	INA	INA	INA	INA	1730.03	INA	INA	51	INA	42	INA	NM	INA	2	36	51	1694.03	1679.03	51.00	INA	INA	INA	INA	INA	INA	INA	INA	INA	
H-55	INA	INA	INA	1982	Monitoring	INA	INA	INA	INA	1752.25	INA	INA	47	42.5	43	42.5	NM	INA	INA	INA	INA	INA	46.62	INA	INA	INA	INA	INA	INA	INA	INA	INA	INA	
M6A	INA	INA	INA	1986	Monitoring	INA	INA	INA	INA	1733.19	INA	INA	46	37.9	32	37.9	NM	INA	INA	25	35	INA	INA	46.00	INA	INA	INA	INA	INA	INA	INA	INA	INA	
B17	H-75	1/26/89	1/26/89	1/26/89	Monitoring	INA	INA	INA	INA	1773.98	INA	INA	64	46.3	50	46.3	NM	PVC	4	49	59	1724.98	1714.98	63.90	INA	INA	INA	INA	INA	INA	INA	INA	INA	
B18	H-73	1/25/89	1/25/89	1/25/89	Monitoring	INA	INA	INA	INA	1774.09	INA	INA	59.5	45	45	45	NM	PVC	4	44.5	54.5	1729.59	1719.59	59.20	INA	INA	39.5-60	INA	INA	37.5-39.5	INA	INA	INA	
GW-AA-BW-01A	BW-1A	3/8/05	3/9/05	3/10/05	Monitoring	WDC	Sonic	NA	A. Norris	1754.56	1752.84	7-5/8" Dia.Casing	60	50	46	39.18	NM	Sch 80 PVC	4	33	53	1721.56	1701.56	55.65	Bentonite	54-60	30-54	NA	NA	25-30	Bentonite-Cement	0-25	Monument	
GW-AA-BW-02A	BW-2A	3/3/05	3/3/05	3/8/05	Monitoring	WDC	Sonic	NA	A. Norris	1748.80	1746.78	7-5/8" Dia.Casing	60	50	42	41.78	NM	Sch 80 PVC	4	33	53	1715.80	1695.80	53.3	Bentonite	54-59.5	30-54	NA	NA	24.5-30	Bentonite-Cement	0-24.5	Monument	
GW-AA-BW-03A	BW-3A	2/28/05	2/28/05	3/2/05	Monitoring	WDC	Sonic	NA	A. Norris	1741.63	1739.48	7-5/8" Dia.Casing	60	49	42.5	39.86	NM	Sch 80 PVC	4	33	53	1708.63	1688.63	53.3	Bentonite	NA	NA	NA	NA	26-30	Bentonite-Cement	0-26	Monument	
GW-AA-BW-04A	BW-4A	2/22/05	2/23/05	2/24/05	Monitoring	WDC	Sonic	NA	A. Norris	1731.49	1729.47	7-5/8" Dia.Casing	60	43	51	38.18	NM	Sch 80 PVC	4	32	52	1699.49	1679.49	54.62	Bentonite	INA	INA	INA	NA	NA	23-29	Bentonite-Cement	0-23	Monument
GW-AA-BW-05A	BW-5B	2/9/05	2/11/05	2/12/05	Monitoring	WDC	Sonic	NA	A. Norris	1731.40	1729.21	7-5/8" Dia.Casing	200	40	64	35.31	NM	Sch 80 PVC	4	34	64	1697.40	1667.40	67.17	Bentonite	65-200	31-65	NA	NA	27-31	Bentonite-Cement	0-27	Monument	
GW-AA-BW-06A	BW-6A	2/24/05	2/25/05	3/10/05	Monitoring	WDC	Sonic	NA	A. Norris	1731.40	1729.28	7-5/8" Dia.Casing	50	32.5	42	34.22	NM	Sch 80 PVC	4	23	43	1708.40	1688.40	45.3	Bentonite	INA	INA	INA	NA	NA	16-20	Bentonite-Cement	0-16	Monument
GW-AA-BW-07A	BW-7A	2/26/05	2/27/05	2/28/05	Monitoring	WDC	Sonic	NA	A. Norris	1741.73	1739.89	7-5/8" Dia.Casing	60	45	50	39.97	NM	Sch 80 PVC	4	32	52	1709.73	1689.73	52.3	Bentonite	NA	NA	NA	NA	24-29	Bentonite-Cement	0-24	Monument	
GW-MCF-BW-08	BW-8A	3/13/05	3/14/05	3/14/05	Monitoring	WDC	Sonic	NA	A. Norris	1763.39	1761.52	7-5/8" Dia.Casing	90	50	69.5	51.09	NM	Sch 80 PVC	4	77	87	1686.39	1676.39	87.3	Bentonite	NA	75-88.5	NA	NA	88.5-90	Bentonite-Cement	0-71	Monument	
GW-AA-BW-08A	BW-8B	3/15/05	3/15/05	3/15/05	Monitoring	WDC	Sonic	NA	A. Norris	1763.18	1761.28	7-5/8" Dia.Casing	75	50	62	51.8	NM	Sch 80 PVC	4	37.5	57.5	1725.68	1705.68	60.67	Bentonite	59-75	34.5-59	NA	NA	29.5-34.5	Bentonite-Cement	0-29.5	Monument	
GW-AA-BW-08B	BW-8C	3/16/05	3/16/05	3/17/05	Monitoring	WDC	Sonic	NA	A. Norris	1763.63	1761.47	7-5/8" Dia.Casing	75	47	59	52.41	NM	Sch 80 PVC	4	43	63	1720.63	1700.63	65.4	Bentonite	75-65	40-65	NA	NA	35.5-40	Bentonite-Cement	0-35.5	Monument	
GW-AA-BW-09A	BW-9A	3/10/05	3/10/05	3/11/05	Monitoring	WDC	Sonic	NA	J. Plummer	1763.12	1761.59	7-5/8" Dia.Casing	60	49.5	51	48.37	NM	Sch 80 PVC	4	33	53	1730.12	1710.12	55.25	Bentonite	54-60	30-54	NA	NA	26-30	Bentonite-Cement	0-26	Monument	
GW-MCF-BW-09B	BW-9B	3/11/05	3/12/05	3/12/05	Monitoring	WDC	Sonic	NA	A. Norris	1763.09	1761.63	7-5/8" Dia.Casing	80	47	53.5	46.38	NM	Sch 80 PVC	4	58	78	1705.09	1685.09	80.28	Bentonite	79.5-80	56-79.5	NA	NA	51-56	Bentonite-Cement	0-51	Monument	
GW-MCF-BW-10A	BW-10A	3/23/05	3/24/05	3/24/05	Monitoring	WDC	Sonic	NA	A. Norris	1779.36	1777.31	7-5/8" Dia.Casing	80	60	39	46.6	NM	Sch 80 PVC	4	57	72	1722.36	1707.36	74.65	Bentonite	73-80	54-73	NA	NA	50-54	Bentonite-Cement	0-50	Monument	
GW-MCF-BW-11A	BW-11A	3/22/05	3/22/05	3/23/05	Monitoring	WDC	Sonic	NA	A. Norris	1778.38	1776.18	7-5/8" Dia.Casing	80	60	52	49.82	NM	Sch 80 PVC	4	57	72	1721.38	1706.38	74.45	Bentonite	73-79	54.5-73	NA	NA	50-54.5	Bentonite-Cement	0-50	Monument	
GW-AA-BW-12A	BW-12B	2/13/05	2/15/05	2/15/05	Monitoring	WDC	Sonic	NA	A. Norris	1778.54	1776.54	7-5/8" Dia.Casing	200	59.5	60	53.07	NM	Sch 80 PVC	4	49	69	1729.54	1709.54	71.5	Bentonite	70.5-200	45-70.5	NA	NA	41-45	Bentonite-Cement	0-41	Monument	
GW-MCF-BW-13A	BW-13A	3/27/05	3/29/05	3/29/05	Monitoring	WDC	Sonic	NA	M. Manwaring	1731.53	1731.57	7-5/8" Dia.Casing	86.5	29	55	29.21	NM	Sch 80 PVC	4	49	69	1682.53	1662.53	69.65	Bentonite	71-86.5	58-71	NA	NA	53-58	Bentonite-Cement	0-53	Flush Mount	
GW-AA-BW-13A	BW-13B	3/29/05	3/30/05	3/30/05	Monitoring	WDC	Sonic	NA	A. Norris	1731.67	1731.82	7-5/8" Dia.Casing	60	29	35	26.56	NM	Sch 80 PVC	4	18	38	1713.67	1693.67	37.7	Bentonite	39.5-60	16-39.5	NA	NA	11-16	Bentonite-Cement	0-11	Flush Mount	

NOTES:
ID - Identification
bgs - Below ground surface
amsl - Above mean sea level
WDC - Water Development Corporation Exploration and Wells
NM - Not measured
NS - Not sampled
Sch 80 PVC - Schedule 80 polyvinyl chloride
HSA - Hollow stem auger
NA - Not applicable
INA - Information Not Available
BW - Groundwater Monitoring Well
BS - Silt Trench Soil Boring
Qal - Quaternary Alluvium
UMCf - Upper Muddy Creek formation

Table 1-2
Summary of CAMU Area Groundwater Results (April 2005)
BMI Landfill CAMU Site - Clark County, Nevada

Class	CAS	Analyte	Units	Total Count	Detect Count	Frequency of Detection	Min Detect ^a	Max Detect ^a	Min RL	Max RL	MCL ^b	MCL Exceedances
Aldehydes	75-07-0	Acetaldehyde	mg/l	17	5	29%	0.016	0.03	0.03	0.03	-	-
Aldehydes	75-87-6	Chloral	mg/l	17	0	0%	-	-	0.0027	0.003	-	-
Aldehydes	107-20-0	Chloroacetaldehyde	mg/l	17	0	0%	-	-	0.01	0.01	-	-
Aldehydes	79-02-7	Dichloroacetaldehyde	mg/l	17	0	0%	-	-	0.018	0.02	-	-
Aldehydes	50-00-0	Formaldehyde	mg/l	17	1	6%	0.034	0.034	0.06	0.06	-	-
Dioxins/Furans Chemical	67562-39-4	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/l	17	2	12%	33	50	2.9	22	-	-
Dioxins/Furans Chemical	35822-46-9	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/l	17	0	0%	-	-	4.4	18	-	-
Dioxins/Furans Chemical	55673-89-7	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/l	17	0	0%	-	-	3.3	17	-	-
Dioxins/Furans Chemical	70648-26-9	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/l	17	1	6%	28	28	3.5	18	-	-
Dioxins/Furans Chemical	39227-28-6	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/l	17	0	0%	-	-	4.1	21	-	-
Dioxins/Furans Chemical	57117-44-9	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/l	17	0	0%	-	-	2.4	13	-	-
Dioxins/Furans Chemical	57653-85-7	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/l	17	0	0%	-	-	3.2	16	-	-
Dioxins/Furans Chemical	72918-21-9	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/l	17	0	0%	-	-	3	15	-	-
Dioxins/Furans Chemical	19408-74-3	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/l	17	0	0%	-	-	3.4	18	-	-
Dioxins/Furans Chemical	57117-41-6	1,2,3,7,8-Pentachlorodibenzofuran	pg/l	17	0	0%	-	-	3.6	21	-	-
Dioxins/Furans Chemical	40321-76-4	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/l	17	0	0%	-	-	5.3	24	-	-
Dioxins/Furans Chemical	60851-34-5	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/l	17	0	0%	-	-	2.8	13	-	-
Dioxins/Furans Chemical	57117-31-4	2,3,4,7,8-Pentachlorodibenzofuran	pg/l	17	0	0%	-	-	3.7	21	-	-
Dioxins/Furans Chemical	51207-31-9	2,3,7,8-Tetrachlorodibenzofuran	pg/l	17	2	12%	7.8	9	1.4	16	-	-
Dioxins/Furans Chemical	1746-01-6	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/l	17	1	6%	410	410	2.2	2800 *	30	1
Dioxins/Furans Chemical	3268-87-9	Octachlorodibenzo-p-dioxin	pg/l	17	3	18%	75	97	5.1	45	-	-
Dioxins/Furans Chemical	39001-02-0	Octachlorodibenzofuran	pg/l	17	4	24%	50	96	5.6	47	-	-
Dioxins/Furans Chemical		TCDD TEQ	pg/l	17	8	47%	9.1	426			30	1
Dissolved Gases	74-84-0	Ethane	mg/l	17	0	0%	-	-	0.005	0.005	-	-
Dissolved Gases	74-85-1	Ethylene	mg/l	17	6	35%	0.001	0.0022	0.005	0.005	-	-
Dissolved Gases	74-82-8	Methane	mg/l	17	5	29%	0.0015	0.7	0.005	0.005	-	-
General Chemistry	7664-41-7	Ammonia	mg/l	17	10	59%	0.0536	1.08	0.05	0.1	-	-
General Chemistry	Q017	Bicarbonate alkalinity	mg/l	17	17	100%	93	1510	5	5	-	-
General Chemistry	24959-67-9	Bromide	mg/l	17	10	59%	0.061	1.2	0.25	25	-	-
General Chemistry	Q022	Carbonate alkalinity	mg/l	17	0	0%	-	-	5	5	-	-
General Chemistry	7790-93-4	Chlorate	mg/l	17	7	41%	0.235	2000	0.2	20	-	-
General Chemistry	16887-00-6	Chloride	mg/l	17	17	100%	0.55	26600	0.2	2000	-	-
General Chemistry	Q181	Conductivity	umhos/cm	17	17	100%	1580	19000	1	10	-	-
General Chemistry	57-12-5	Cyanide (Total)	mg/l	17	0	0%	-	-	0.005	0.005	0.2	0
General Chemistry	16984-48-8	Fluoride	mg/l	17	16	94%	0.053	2.4	0.1	10	-	-
General Chemistry	HARD	Hardness, Total	mg/l	17	17	100%	208	844	5	125	-	-
General Chemistry	Q021	Hydroxide alkalinity	mg/l	17	0	0%	-	-	5	5	-	-
General Chemistry	20461-54-5	Iodide	mg/l	17	11	65%	0.611	276	0.5	50	-	-
General Chemistry	14797-55-8	Nitrate (as N)	mg/l	17	7	41%	0.034	1.4	0.02	2	10	0
General Chemistry	14797-65-0	Nitrite (as N)	mg/l	17	2	12%	0.053	0.2	0.02	2 *	1	0
General Chemistry	O-PO4	Orthophosphate as P	mg/l	17	9	53%	0.13	2.3	0.16	50	-	-
General Chemistry	pH	pH (Hydrogen Ion)	SU	49	49	100%	6.16	12.6	0	0	-	-
General Chemistry	14808-79-8	Sulfate	mg/l	17	17	100%	29.4	101000	0.5	500	-	-
General Chemistry	18496-25-8	Sulfide	mg/l	17	4	24%	1.6	114	1	10	-	-
General Chemistry	Q609	Sulfite	mg/l	17	1	6%	170	170	10	10	-	-
General Chemistry	Q18	Total Alkalinity	mg/l	17	17	100%	93	1510	5	5	-	-
General Chemistry	TDS	Total Dissolved Solids	mg/l	21	21	100%	1060	49800	5	15	-	-
General Chemistry	Q129	Total Inorganic Carbon	mg/l	17	17	100%	0.36	4.4	1	1	-	-
General Chemistry	TKN	Total Kjeldahl Nitrogen (TKN)	mg/l	17	11	65%	0.1	7.7	0.1	1	-	-
General Chemistry	TOC	Total Organic Carbon	mg/l	17	17	100%	1.3	457	1	100	-	-
General Chemistry	Q595	Total Suspended Solids	mg/l	17	16	94%	7	5420	1	1	-	-
Glycols/Alcohols	64-17-5	Ethanol	mg/l	17	8	47%	8.1	57	5	5	-	-
Glycols/Alcohols	107-21-1	Ethylene glycol	mg/l	17	1	6%	16	16	10	10	-	-
Glycols/Alcohols	67-56-1	Methanol	mg/l	17	4	24%	6.9	46	5	5	-	-
Glycols/Alcohols	57-55-6	Propylene glycol	mg/l	17	0	0%	-	-	10	10	-	-

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Class	CAS	Analyte	Units	Total Count	Detect Count	Frequency of Detection	Min Detect ^a	Max Detect ^a	Min RL	Max RL	MCL ^b	MCL Exceedances	
Herbicides	75-99-0	2,2-Dichloropropionic acid	mg/l	17	13	76%	0.0026	0.0076	0.002	0.002	0.2	0	
Herbicides	93-76-5	2,4,5-T	mg/l	17	1	6%	0.0046	0.0046	0.001	0.001	0.05	0	
Herbicides	93-72-1	2,4,5-TP	mg/l	17	1	6%	0.019	0.019	0.001	0.001	-	-	
Herbicides	94-75-7	2,4-D	mg/l	17	0	0%	-	-	0.004	0.004	0.07	0	
Herbicides	94-82-6	4-(2,4-Dichlorophenoxy)butyric acid	mg/l	17	0	0%	-	-	0.004	0.004	-	-	
Herbicides	1918-00-9	Dicamba	mg/l	17	2	12%	0.0024	0.0035	0.002	0.002	-	-	
Herbicides	120-36-5	Dichlorprop	mg/l	17	0	0%	-	-	0.004	0.004	-	-	
Herbicides	88-85-7	Dinitrobutyl phenol	mg/l	17	0	0%	-	-	0.0006	0.0006	0.007	0	
Herbicides	94-74-6	MCPA (2-Methyl-4-chlorophenoxyacetic acid)	mg/l	17	0	0%	-	-	0.4	0.4	-	-	
Herbicides	7085-19-0	Mecoprop	mg/l	17	0	0%	-	-	0.4	0.4	-	-	
Metals	7429-90-5	Aluminum	mg/l	17	0	0%	-	-	0.03	3	*	0.05	0
Metals	7440-36-0	Antimony	mg/l	71	14	20%	0.001	0.01	0.001	0.1	*	0.006	1
Metals	7440-38-2	Arsenic	mg/l	71	67	94%	0.0012	0.636	0.001	0.1	*	0.01	57
Metals	7440-39-3	Barium	mg/l	17	16	94%	0.0077	0.177	0.1	2		2	0
Metals	7440-41-7	Beryllium	mg/l	71	3	4%	0.0014	0.0026	0.0005	0.04	*	0.004	0
Metals	7440-42-8	Boron	mg/l	17	17	100%	0.165	3.56	0.05	5		-	-
Metals	7440-43-9	Cadmium	mg/l	71	0	0%	-	-	0.001	0.05	*	0.005	0
Metals	7440-70-2	Calcium	mg/l	17	17	100%	50.4	1510	0.25	50		-	-
Metals	7440-47-3	Chromium (Total)	mg/l	71	8	11%	0.0031	0.0089	0.005	0.05		0.1	0
Metals	18540-29-9	Chromium (VI)	mg/l	21	0	0%	-	-	0.01	0.048		-	-
Metals	7440-48-4	Cobalt	mg/l	17	0	0%	-	-	0.01	1		-	-
Metals	7440-50-8	Copper	mg/l	71	7	10%	0.0019	0.012	0.0025	1		1.3	0
Metals	7439-89-6	Iron	mg/l	17	8	47%	0.017	1.28	0.05	0.1		0.3	2
Metals	7439-92-1	Lead	mg/l	71	14	20%	0.0012	0.0622	0.001	0.05	*	0.015	7
Metals	7439-93-2	Lithium	mg/l	17	17	100%	0.0856	1.67	0.05	0.05		-	-
Metals	7439-95-4	Magnesium	mg/l	17	17	100%	39.7	2190	0.5	50		-	-
Metals	7439-96-5	Manganese	mg/l	17	17	100%	0.0367	5.04	0.01	1	*	0.05	13
Metals	7439-97-6	Mercury	mg/l	68	3	4%	0.000058	0.00034	0.0002	0.0003		0.002	0
Metals	7439-98-7	Molybdenum	mg/l	17	12	71%	0.0088	0.0651	0.01	1		-	-
Metals	7440-02-0	Nickel	mg/l	71	5	7%	0.0027	0.0166	0.01	1		-	-
Metals	7440-03-1	Niobium	mg/l	17	4	24%	0.0099	0.302	0.04	4		-	-
Metals	7440-05-3	Palladium	mg/l	17	17	100%	0.0035	0.114	0.001	0.1		-	-
Metals	7723-14-0	Phosphorus (as P)	mg/l	17	13	76%	0.0967	325	0.25	0.25		-	-
Metals	7440-06-4	Platinum	mg/l	17	1	6%	0.0068	0.0068	0.001	0.1		-	-
Metals	7440-09-7	Potassium	mg/l	17	17	100%	6.77	77.5	0.5	50		-	-
Metals	7782-49-2	Selenium	mg/l	71	21	30%	0.0014	0.017	0.001	0.1	*	0.05	0
Metals	7440-21-3	Silicon	mg/l	15	15	100%	16.2	44.7	0.5	0.5		-	-
Metals	7440-22-4	Silver	mg/l	71	0	0%	-	-	0.005	0.1		0.1	0
Metals	7440-23-5	Sodium	mg/l	17	17	100%	263	16300	1.25	250		-	-
Metals	7440-24-6	Strontium	mg/l	17	17	100%	1.55	46.6	0.01	1		-	-
Metals	7704-34-9	Sulfur	-	-	-	-	-	-	-	-		-	-
Metals	7440-28-0	Thallium	mg/l	71	12	17%	0.0003	0.1	0.0001	0.1	*	0.002	6
Metals	7440-31-5	Tin	mg/l	17	0	0%	-	-	0.01	1		-	-
Metals	7440-32-6	Titanium	mg/l	61	6	10%	0.0023	0.473	0.01	1		-	-
Metals	7440-33-7	Tungsten	mg/l	17	17	100%	0.0071	0.22	0.01	1		-	-
Metals	7440-61-1	Uranium	mg/l	17	16	94%	0.0018	0.191	0.01	1	*	0.03	6
Metals	7440-62-2	Vanadium	mg/l	17	17	100%	0.0087	0.558	0.01	1		-	-
Metals	7440-66-6	Zinc	mg/l	71	20	28%	0.02	0.835	0.01	0.5		0.5	2
Metals	7440-67-7	Zirconium	mg/l	17	5	29%	0.0425	0.153	0.1	0.5		-	-
Organic Acids	98-66-8	4-Chlorobenzenesulfonic acid	mg/l	17	14	82%	0.2	92	0.1	2		-	-
Organic Acids	98-11-3	Benzenesulfonic acid	mg/l	17	5	29%	0.47	110	0.1	2		-	-
Organic Acids	298-06-6	Diethyl phosphorodithioic acid	mg/l	17	3	18%	1.5	550	0.1	20		-	-
Organic Acids	756-80-9	Dimethyl phosphorodithioic acid	mg/l	17	7	41%	0.14	460	0.1	20		-	-
Organic Acids	88-99-3	Phthalic acid	mg/l	17	2	12%	0.012	110	0.01	2		-	-
Organochlorine Pesticides	3424-82-6	2,4-DDE	mg/l	17	5	29%	0.0005	0.0012	0.00005	0.005		-	-

Table 1-2
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BMI Landfill CAMU Site - Clark County, Nevada

Class	CAS	Analyte	Units	Total Count	Detect Count	Frequency of Detection	Min Detect ^a	Max Detect ^a	Min RL	Max RL	MCL ^b	MCL Exceedances
Organochlorine Pesticides	72-54-8	4,4-DDD	mg/l	74	5	7%	0.00012	0.00049	0.00005	0.01	-	-
Organochlorine Pesticides	72-55-9	4,4-DDE	mg/l	74	3	4%	0.00016	0.0005	0.00005	0.01	-	-
Organochlorine Pesticides	50-29-3	4,4-DDT	mg/l	74	10	14%	0.000079	0.22	0.00005	0.05	-	-
Organochlorine Pesticides	309-00-2	Aldrin	mg/l	74	0	0%	-	-	0.00005	0.01	-	-
Organochlorine Pesticides	319-84-6	alpha-BHC	mg/l	74	60	81%	0.0001	0.57	0.0001	0.05	-	-
Organochlorine Pesticides	5103-71-9	alpha-Chlordane	mg/l	65	3	5%	0.00018	0.00019	0.00005	0.005	-	-
Organochlorine Pesticides	319-85-7	beta-BHC	mg/l	74	49	66%	0.00012	0.06	0.00005	0.012	-	-
Organochlorine Pesticides	57-74-9	Chlordane	mg/l	74	0	0%	-	-	0.0001	0.1	*	0.002
Organochlorine Pesticides	319-86-8	delta-BHC	mg/l	74	42	57%	0.0001	0.052	0.00005	0.02	-	-
Organochlorine Pesticides	60-57-1	Dieldrin	mg/l	74	3	4%	0.00062	0.00086	0.00005	0.01	-	-
Organochlorine Pesticides	959-98-8	Endosulfan I	mg/l	74	1	1%	0.00018	0.00018	0.00005	0.01	-	-
Organochlorine Pesticides	33213-65-9	Endosulfan II	mg/l	74	5	7%	0.00009	0.014	0.00005	0.01	-	-
Organochlorine Pesticides	1031-07-8	Endosulfan sulfate	mg/l	74	1	1%	0.00026	0.00026	0.00005	0.02	-	-
Organochlorine Pesticides	72-20-8	Endrin	mg/l	74	2	3%	0.00024	0.0005	0.00005	0.01	*	0.002
Organochlorine Pesticides	7421-93-4	Endrin aldehyde	mg/l	74	3	4%	0.00075	0.0015	0.00005	0.01	-	-
Organochlorine Pesticides	53494-70-5	Endrin ketone	mg/l	74	1	1%	0.00029	0.00029	0.00005	0.01	-	-
Organochlorine Pesticides	5103-74-2	gamma-Chlordane	mg/l	65	2	3%	0.000084	0.0017	0.00005	0.005	-	-
Organochlorine Pesticides	76-44-8	Heptachlor	mg/l	74	0	0%	-	-	0.00005	0.01	*	0.0004
Organochlorine Pesticides	1024-57-3	Heptachlor epoxide	mg/l	74	1	1%	0.0057	0.0057	0.00005	0.01	*	0.0002
Organochlorine Pesticides	58-89-9	Lindane	mg/l	74	34	46%	0.0001	0.13	0.00005	0.05	*	0.0002
Organochlorine Pesticides	72-43-5	Methoxychlor	mg/l	74	1	1%	0.0013	0.0013	0.0001	0.01	0.04	0
Organochlorine Pesticides	8001-35-2	Toxaphene	mg/l	74	0	0%	-	-	0.002	0.5	*	0.003
Organophosphate Pesticides	2642-71-9	Azinphos-ethyl	mg/l	18	0	0%	-	-	0.0005	0.0006	-	-
Organophosphate Pesticides	86-50-0	Azinphos-methyl	mg/l	22	0	0%	-	-	0.0001	0.004	-	-
Organophosphate Pesticides	786-19-6	Carbophenothion	mg/l	18	2	11%	0.00048	0.13	0.0005	0.0006	-	-
Organophosphate Pesticides	953-17-3	Carbophenothion-methyl	mg/l	17	0	0%	-	-	0.0008	0.0008	-	-
Organophosphate Pesticides	2921-88-2	Chlorpyrifos	mg/l	18	0	0%	-	-	0.0001	0.0005	-	-
Organophosphate Pesticides	56-72-4	Coumaphos	mg/l	18	0	0%	-	-	0.0003	0.0005	-	-
Organophosphate Pesticides	8065-48-3	Demeton	mg/l	5	0	0%	-	-	0.0001	0.004	-	-
Organophosphate Pesticides	298-03-3	Demeton-O	mg/l	17	1	6%	0.00047	0.00047	0.001	0.001	-	-
Organophosphate Pesticides	126-75-0	Demeton-S	mg/l	17	0	0%	-	-	0.001	0.001	-	-
Organophosphate Pesticides	333-41-5	Diazinon	mg/l	22	0	0%	-	-	0.0001	0.004	-	-
Organophosphate Pesticides	62-73-7	Dichlorvos	mg/l	18	0	0%	-	-	0.0005	0.0005	-	-
Organophosphate Pesticides	60-51-5	Dimethoate	mg/l	18	0	0%	-	-	0.0002	0.0005	-	-
Organophosphate Pesticides	298-04-4	Disulfoton	mg/l	22	0	0%	-	-	0.0001	0.004	-	-
Organophosphate Pesticides	563-12-2	Ethion	mg/l	5	0	0%	-	-	0.0005	0.001	-	-
Organophosphate Pesticides	13194-48-4	Ethoprophos	mg/l	18	0	0%	-	-	0.0002	0.0005	-	-
Organophosphate Pesticides	2104-64-5	Ethyl p-nitrophenyl phenylphosphorothioate	mg/l	18	0	0%	-	-	0.0001	0.0005	-	-
Organophosphate Pesticides	52-85-7	Famphur	mg/l	18	0	0%	-	-	0.0005	0.001	-	-
Organophosphate Pesticides	55-38-9	Fenthion	mg/l	18	0	0%	-	-	0.0001	0.0005	-	-
Organophosphate Pesticides	121-75-5	Malathion	mg/l	22	0	0%	-	-	0.0001	0.002	-	-
Organophosphate Pesticides	150-50-5	Merphos	mg/l	18	0	0%	-	-	0.0003	0.005	-	-
Organophosphate Pesticides	298-00-0	Methyl parathion	mg/l	22	0	0%	-	-	0.0001	0.001	-	-
Organophosphate Pesticides	7786-34-7	Mevinphos	mg/l	18	0	0%	-	-	0.0003	0.0062	-	-
Organophosphate Pesticides	300-76-5	Naled	mg/l	18	0	0%	-	-	0.0003	0.01	-	-
Organophosphate Pesticides	126-68-1	O,O,O-Triethyl phosphorothioate	mg/l	17	0	0%	-	-	0.0005	0.0005	-	-
Organophosphate Pesticides	56-38-2	Parathion	mg/l	22	0	0%	-	-	0.0001	0.001	-	-
Organophosphate Pesticides	298-02-2	Phorate	mg/l	18	6	33%	0.00058	0.0065	0.0001	0.0012	-	-
Organophosphate Pesticides	732-11-6	Phosmet	mg/l	18	0	0%	-	-	0.0005	0.0012	-	-
Organophosphate Pesticides	299-84-3	Ronnel	mg/l	18	0	0%	-	-	0.0001	0.01	-	-
Organophosphate Pesticides	3689-24-5	Sulfotep	mg/l	18	0	0%	-	-	0.0001	0.0005	-	-
Organophosphate Pesticides	961-11-5	Tetrachlorvinphos (Stiropfos)	mg/l	17	0	0%	-	-	0.0025	0.0025	-	-
Perchlorate	14797-73-0	Perchlorate	mg/l	21	21	100%	0.0082	66	0.004	4	*	0.018 ^c
Petroleum Hydrocarbons	PHC	Petroleum Hydrocarbons	mg/l	20	0	0%	-	-	0.5	0.55	-	-
Petroleum Hydrocarbons	PHCG	PHC as Gasoline	mg/l	8	8	100%	0.69	56	0.5	0.5	-	-

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Petroleum Hydrocarbons	PHCGD	Total Petroleum Hydrocarbons (TPH) gas/diese	mg/l	12	12	100%	1.6	35	0.5	1	-	-
Polychlorinated Biphenyls	12674-11-2	Aroclor 1016	mg/l	62	0	0%	-	-	0.0005	0.1 *	0.0005	0
Polychlorinated Biphenyls	11104-28-2	Aroclor 1221	mg/l	62	0	0%	-	-	0.0005	0.1 *	0.0005	0
Polychlorinated Biphenyls	11141-16-5	Aroclor 1232	mg/l	62	0	0%	-	-	0.0005	0.1 *	0.0005	0
Polychlorinated Biphenyls	53469-21-9	Aroclor 1242	mg/l	62	0	0%	-	-	0.0005	0.1 *	0.0005	0
Polychlorinated Biphenyls	12672-29-6	Aroclor 1248	mg/l	62	1	2%	0.0032	0.0032	0.0005	0.1 *	0.0005	1
Polychlorinated Biphenyls	11097-69-1	Aroclor 1254	mg/l	62	0	0%	-	-	0.0005	0.1 *	0.0005	0
Polychlorinated Biphenyls	11096-82-5	Aroclor 1260	mg/l	62	0	0%	-	-	0.0005	0.1 *	0.0005	0
Polynuclear Aromatic hydrocarbons	83-32-9	Acenaphthene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	208-96-8	Acenaphthylene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	120-12-7	Anthracene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	56-55-3	Benzo(a)anthracene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	50-32-8	Benzo(a)pyrene	mg/l	74	0	0%	-	-	0.005	0.5 *	0.0002	0
Polynuclear Aromatic hydrocarbons	205-99-2	Benzo(b)fluoranthene	mg/l	30	0	0%	-	-	0.005	0.2	-	-
Polynuclear Aromatic hydrocarbons	191-24-2	Benzo(g,h,i)perylene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	207-08-9	Benzo(k)fluoranthene	mg/l	30	0	0%	-	-	0.005	0.2	-	-
Polynuclear Aromatic hydrocarbons	218-01-9	Chrysene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	53-70-3	Dibenzo(a,h)anthracene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	193-39-5	Indeno(1,2,3-cd)pyrene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	91-20-3	Naphthalene	mg/l	76	1	1%	0.006	0.006	0.005	2.5	-	-
Polynuclear Aromatic hydrocarbons	85-01-8	Phenanthrene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Polynuclear Aromatic hydrocarbons	129-00-0	Pyrene	mg/l	74	0	0%	-	-	0.005	0.5	-	-
Radionuclides	14331-83-0	Actinium-228	pci/l ^h	17	0	0%	-	-	51	85	-	-
Radionuclides	14331-79-4	Bismuth-210	pci/l	17	0	0%	-	-	210	310	-	-
Radionuclides	14913-49-6	Bismuth-212	pci/l	17	0	0%	-	-	91	130	-	-
Radionuclides	14733-03-0	Bismuth-214	pci/l	17	9	53%	63	155	24	81	-	-
Radionuclides	13981-50-5	Cobalt-57	pci/l	17	0	0%	-	-	6	8.5	-	-
Radionuclides	10198-40-0	Cobalt-60	pci/l	17	0	0%	-	-	9.3	23	-	-
Radionuclides	G_Alpha	Gross alpha	pci/l	17	0	0%	-	-	8	630 *	15 ^d	0
Radionuclides	G_Beta	Gross beta	pci/l	17	4	24%	12.5	19	7.6	450	- ^e	-
Radionuclides	14255-04-0	Lead-210	pci/l	17	0	0%	-	-	210	310	-	-
Radionuclides	15816-77-0	Lead-211	-	-	-	-	-	-	-	-	-	-
Radionuclides	15092-94-1	Lead-212	pci/l	17	0	0%	-	-	19	26	-	-
Radionuclides	15067-28-4	Lead-214	pci/l	17	12	71%	36	169	23	45	-	-
Radionuclides	13981-52-7	Polonium-210	pci/l	17	0	0%	-	-	210	310	-	-
Radionuclides	15389-34-1	Polonium-212	pci/l	17	0	0%	-	-	58	86	-	-
Radionuclides	15735-67-8	Polonium-214	pci/l	17	9	53%	63	155	23	50	-	-
Radionuclides	15756-58-8	Polonium-216	pci/l	17	1	6%	280	280	190	310	-	-
Radionuclides	15422-74-9	Polonium-218	pci/l	17	11	65%	0.26	1.87	0.16	0.41	-	-
Radionuclides	13966-00-2	Potassium-40	pci/l	17	0	0%	-	-	170	300	-	-
Radionuclides	15100-28-4	Protactinium-234	pci/l	17	0	0%	-	-	31	43	-	-
Radionuclides	15623-45-7	Radium-223	pci/l	17	0	0%	-	-	100	140	-	-
Radionuclides	13233-32-4	Radium-224	pci/l	17	1	6%	280	280	190	310	-	-
Radionuclides	13982-63-3	Radium-226	pci/l	17	11	65%	0.26	1.87	0.16	0.41 *	5 ^f	0
Radionuclides	15262-20-1	Radium-228	pci/l	17	10	59%	0.7	3.05	0.63	0.86 *	5 ^f	0
Radionuclides	14133-67-6	Thallium-207	-	-	-	-	-	-	-	-	-	-
Radionuclides	14913-50-9	Thallium-208	pci/l	17	0	0%	-	-	12	18	-	-
Radionuclides	15623-47-9	Thorium-227	-	-	-	-	-	-	-	-	-	-
Radionuclides	14274-82-9	Thorium-228	pci/l	17	2	12%	0.23	0.51	0.13	0.56	-	-
Radionuclides	15594-54-4	Thorium-229	-	-	-	-	-	-	-	-	-	-
Radionuclides	14269-63-7	Thorium-230	pci/l	17	0	0%	-	-	0.06	0.3	-	-
Radionuclides	7440-29-1 (232)	Thorium-232	pci/l	17	0	0%	-	-	0.05	0.23	-	-
Radionuclides	15065-10-8	Thorium-234	pci/l	17	0	0%	-	-	110	160	-	-
Radionuclides	14158-29-3	Uranium-232	-	-	-	-	-	-	-	-	-	-
Radionuclides	13966-29-5	Uranium-233/234	pci/l	17	17	100%	1.37	92	0.06	0.2	-	-

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Radionuclides	15117-96-1	Uranium-235/236	pci/l	17	14	82%	0.12	3.81	0.07	0.17	-	-
Radionuclides	7440-61-1 (238)	Uranium-238	pci/l	17	17	100%	0.86	67.1	0.06	0.2	-	-
Semi-volatile Organic Compounds	95-94-3	1,2,4,5-Tetrachlorobenzene	mg/l	17	3	18%	0.0021	0.0033	0.01	0.01	-	-
Semi-volatile Organic Compounds	123-91-1	1,4-Dioxane	-	-	-	-	-	-	-	-	-	-
Semi-volatile Organic Compounds	Dichlorobenzil	2,2'-/4,4'-Dichlorobenzil	mg/l	17	1	6%	0.0023	0.0023	0.01	0.05	-	-
Semi-volatile Organic Compounds	95-95-4	2,4,5-Trichlorophenol	mg/l	74	4	5%	0.0027	0.037	0.01	0.5	-	-
Semi-volatile Organic Compounds	88-06-2	2,4,6-Trichlorophenol	mg/l	74	5	7%	0.0025	0.024	0.01	0.5	-	-
Semi-volatile Organic Compounds	120-83-2	2,4-Dichlorophenol	mg/l	74	10	14%	0.005	0.22	0.01	0.5	-	-
Semi-volatile Organic Compounds	105-67-9	2,4-Dimethylphenol	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	51-28-5	2,4-Dinitrophenol	mg/l	74	0	0%	-	-	0.05	2.5	-	-
Semi-volatile Organic Compounds	121-14-2	2,4-Dinitrotoluene	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	606-20-2	2,6-Dinitrotoluene	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	91-58-7	2-Chloronaphthalene	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	95-57-8	2-Chlorophenol	mg/l	74	15	20%	0.004	0.59	0.01	0.5	-	-
Semi-volatile Organic Compounds	91-57-6	2-Methylnaphthalene	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	88-74-4	2-Nitroaniline	mg/l	74	0	0%	-	-	0.02	2.5	-	-
Semi-volatile Organic Compounds	88-75-5	2-Nitrophenol	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	91-94-1	3,3'-Dichlorobenzidine	mg/l	74	0	0%	-	-	0.02	1	-	-
Semi-volatile Organic Compounds	65794-96-9	3-Methylphenol & 4-Methylphenol	mg/l	17	0	0%	-	-	0.01	0.02	-	-
Semi-volatile Organic Compounds	99-09-2	3-Nitroaniline	mg/l	74	0	0%	-	-	0.02	2.5	-	-
Semi-volatile Organic Compounds	534-52-1	4,6-Dinitro-o-cresol	mg/l	57	0	0%	-	-	0.04	2.5	-	-
Semi-volatile Organic Compounds	101-55-3	4-Bromophenyl phenyl ether	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	35421-08-0	4-Chloro-3-methyl phenol	mg/l	48	0	0%	-	-	0.02	1	-	-
Semi-volatile Organic Compounds	59-50-7	4-Chloro-3-Methylphenol	mg/l	26	0	0%	-	-	0.01	0.4	-	-
Semi-volatile Organic Compounds	7005-72-3	4-Chlorophenyl phenyl ether	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	100-02-7	4-Nitrophenol	mg/l	74	0	0%	-	-	0.05	2.5	-	-
Semi-volatile Organic Compounds	98-86-2	Acetophenone	mg/l	17	0	0%	-	-	0.01	0.01	-	-
Semi-volatile Organic Compounds	62-53-3	Aniline	mg/l	42	0	0%	-	-	0.01	0.2	-	-
Semi-volatile Organic Compounds	103-33-3	Azobenzene	mg/l	30	0	0%	-	-	0.01	0.4	-	-
Semi-volatile Organic Compounds	108-98-5	Benzenethiol	mg/l	17	3	18%	0.011	0.06	0.01	0.01	-	-
Semi-volatile Organic Compounds	92-87-5	Benzidine	mg/l	9	0	0%	-	-	0.1	2	-	-
Semi-volatile Organic Compounds	B(b&k)F	Benzo(b&k)fluoranthene	mg/l	44	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	65-85-0	Benzoic acid	mg/l	74	4	5%	0.0025	0.004	0.05	2.5	-	-
Semi-volatile Organic Compounds	100-51-6	Benzyl alcohol	mg/l	74	1	1%	0.0035	0.0035	0.01	1	-	-
Semi-volatile Organic Compounds	85-68-7	Benzyl butyl phthalate	mg/l	74	1	1%	0.019	0.019	0.01	0.5	-	-
Semi-volatile Organic Compounds	111-91-1	bis(2-Chloroethoxy) methane	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	111-44-4	bis(2-Chloroethyl) ether	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	108-60-1	bis(2-Chloroisopropyl) ether	mg/l	42	0	0%	-	-	0.01	0.2	-	-
Semi-volatile Organic Compounds	117-81-7	bis(2-Ethylhexyl) phthalate	mg/l	74	12	16%	0.0027	0.01	0.01	1 *	0.006	4
Semi-volatile Organic Compounds	1142-19-4	bis(p-Chlorophenyl) disulfide	mg/l	17	4	24%	0.013	3.9	0.01	1	-	-
Semi-volatile Organic Compounds	80-07-9	bis(p-Chlorophenyl) sulfone	mg/l	17	1	6%	0.021	0.021	0.01	0.01	-	-
Semi-volatile Organic Compounds	86-74-8	Carbazole	mg/l	65	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	132-64-9	Dibenzofuran	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	84-74-2	Dibutyl phthalate	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	84-66-2	Diethyl phthalate	mg/l	62	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	131-11-3	Dimethyl phthalate	mg/l	62	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	117-84-0	Di-n-octyl phthalate	mg/l	74	0	0%	-	-	0.01	0.8	-	-
Semi-volatile Organic Compounds	127-63-9	Diphenyl sulfone	mg/l	17	0	0%	-	-	0.01	0.01	-	-
Semi-volatile Organic Compounds	206-44-0	Fluoranthene	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	86-73-7	Fluorene	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	118-74-1	Hexachlorobenzene	mg/l	74	0	0%	-	-	0.01	0.5 *	0.001	0
Semi-volatile Organic Compounds	77-47-4	Hexachlorocyclopentadiene	mg/l	74	0	0%	-	-	0.01	0.8 *	0.05	0
Semi-volatile Organic Compounds	118-29-6	Hydroxymethyl phthalimide	mg/l	17	0	0%	-	-	0.01	0.01	-	-
Semi-volatile Organic Compounds	78-59-1	Isophorone	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	98-95-3	Nitrobenzene	mg/l	74	0	0%	-	-	0.01	0.8	-	-

Table 1-2
Summary of CAMU Area Groundwater Results (April 2005)
BMI Landfill CAMU Site - Clark County, Nevada

Class	CAS	Analyte	Units	Total Count	Detect Count	Frequency of Detection	Min Detect ^a	Max Detect ^a	Min RL	Max RL	MCL ^b	MCL Exceedances
Semi-volatile Organic Compounds	55-18-5	N-nitrosodiethylamine	mg/l	32	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	62-75-9	N-Nitrosodimethylamine	mg/l	16	0	0%	-	-	0.01	0.02	-	-
Semi-volatile Organic Compounds	621-64-7	N-nitrosodi-n-propylamine	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	86-30-6	N-nitrosodiphenylamine	mg/l	74	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	95-48-7	o-Cresol	mg/l	74	2	3%	0.0023	0.014	0.01	0.5	-	-
Semi-volatile Organic Compounds	29082-74-4	Octachlorostyrene	-	-	-	-	-	-	-	-	-	-
Semi-volatile Organic Compounds	106-47-8	p-Chloroaniline	mg/l	74	0	0%	-	-	0.01	1	-	-
Semi-volatile Organic Compounds	106-54-7	p-Chlorothiophenol	mg/l	17	1	6%	0.27	0.27	0.01	0.1	-	-
Semi-volatile Organic Compounds	106-44-5	p-Cresol	mg/l	57	0	0%	-	-	0.01	0.5	-	-
Semi-volatile Organic Compounds	608-93-5	Pentachlorobenzene	mg/l	17	0	0%	-	-	0.01	0.01	-	-
Semi-volatile Organic Compounds	87-86-5	Pentachlorophenol	mg/l	74	0	0%	-	-	0.04	2.5 *	0.001	0
Semi-volatile Organic Compounds	108-95-2	Phenol	mg/l	74	12	16%	0.0063	1	0.01	0.5	-	-
Semi-volatile Organic Compounds	882-33-7	Phenyl Disulfide	mg/l	17	4	24%	0.024	0.52	0.01	0.1	-	-
Semi-volatile Organic Compounds	139-66-2	Phenyl Sulfide	mg/l	17	0	0%	-	-	0.01	0.01	-	-
Semi-volatile Organic Compounds	100-01-6	p-Nitroaniline	mg/l	74	0	0%	-	-	0.02	2	-	-
Semi-volatile Organic Compounds	110-86-1	Pyridine	mg/l	33	0	0%	-	-	0.01	0.02	-	-
Volatile Organic Compounds	630-20-6	1,1,1,2-Tetrachloroethane	mg/l	74	0	0%	-	-	0.001	5	-	-
Volatile Organic Compounds	71-55-6	1,1,1-Trichloroethane	mg/l	74	0	0%	-	-	0.001	2 *	0.2	0
Volatile Organic Compounds	79-34-5	1,1,2,2-Tetrachloroethane	mg/l	74	0	0%	-	-	0.001	2	-	-
Volatile Organic Compounds	79-00-5	1,1,2-Trichloroethane	mg/l	74	4	5%	0.00067	0.028	0.001	2 *	0.005	3
Volatile Organic Compounds	75-34-3	1,1-Dichloroethane	mg/l	74	18	24%	0.00038	0.9	0.001	2.5	-	-
Volatile Organic Compounds	75-35-4	1,1-Dichloroethylene	mg/l	74	3	4%	0.00028	0.00075	0.001	5 *	0.007	0
Volatile Organic Compounds	563-58-6	1,1-Dichloropropene	mg/l	74	0	0%	-	-	0.001	2	-	-
Volatile Organic Compounds	87-61-6	1,2,3-Trichlorobenzene	mg/l	74	9	12%	0.0011	0.96	0.001	5	-	-
Volatile Organic Compounds	96-18-4	1,2,3-Trichloropropane	mg/l	74	1	1%	0.014	0.014	0.001	10	-	-
Volatile Organic Compounds	120-82-1	1,2,4-Trichlorobenzene	mg/l	76	31	41%	0.00038	1.3	0.001	2 *	0.07	17
Volatile Organic Compounds	95-63-6	1,2,4-Trimethylbenzene	mg/l	74	5	7%	0.00051	0.22	0.001	2	-	-
Volatile Organic Compounds	96-12-8	1,2-Dibromo-3-chloropropane (DBCP)	mg/l	74	0	0%	-	-	0.001	5 *	0.0002	0
Volatile Organic Compounds	106-93-4	1,2-Dibromoethane	mg/l	57	0	0%	-	-	0.002	2	-	-
Volatile Organic Compounds	95-50-1	1,2-Dichlorobenzene	mg/l	76	45	59%	0.0025	2.3	0.001	2 *	0.6	9
Volatile Organic Compounds	107-06-2	1,2-Dichloroethane	mg/l	74	15	20%	0.00011	0.49	0.001	2 *	0.005	11
Volatile Organic Compounds	78-87-5	1,2-Dichloropropane	mg/l	74	1	1%	0.00037	0.00037	0.001	2 *	0.005	0
Volatile Organic Compounds	108-70-3	1,3,5- Trichlorobenzene	mg/l	17	4	24%	0.0011	0.0041	0.005	5	-	-
Volatile Organic Compounds	108-67-8	1,3,5-Trimethylbenzene	mg/l	74	3	4%	0.00041	0.18	0.001	2	-	-
Volatile Organic Compounds	541-73-1	1,3-Dichlorobenzene	mg/l	76	17	22%	0.00019	0.34	0.001	2	-	-
Volatile Organic Compounds	142-28-9	1,3-Dichloropropane	mg/l	74	0	0%	-	-	0.001	2	-	-
Volatile Organic Compounds	106-46-7	1,4-Dichlorobenzene	mg/l	76	42	55%	0.004	4.1	0.001	2 *	0.075	24
Volatile Organic Compounds	594-20-7	2,2-Dichloropropane	mg/l	74	0	0%	-	-	0.001	2.5	-	-
Volatile Organic Compounds	95-49-8	2-Chlorotoluene	mg/l	74	5	7%	0.0027	0.0077	0.001	5	-	-
Volatile Organic Compounds	135-98-8	2-Phenylbutane	mg/l	74	1	1%	0.22	0.22	0.001	5	-	-
Volatile Organic Compounds	123-09-1	4-Chlorothiobanisole	mg/l	17	0	0%	-	-	0.01	10	-	-
Volatile Organic Compounds	106-43-4	4-Chlorotoluene	mg/l	74	3	4%	0.0025	0.0051	0.001	5	-	-
Volatile Organic Compounds	67-64-1	Acetone	mg/l	65	3	5%	0.0037	0.04	0.002	6.25	-	-
Volatile Organic Compounds	75-05-8	Acetonitrile	mg/l	17	0	0%	-	-	0.01	10	-	-
Volatile Organic Compounds	71-43-2	Benzene	mg/l	74	57	77%	0.0024	140	0.001	5 *	0.005	54
Volatile Organic Compounds	108-86-1	Bromobenzene	mg/l	74	2	3%	0.00076	0.24	0.001	5	-	-
Volatile Organic Compounds	75-27-4	Bromodichloromethane	mg/l	74	4	5%	0.00029	0.0059	0.001	2 *	0.08 ^g	0
Volatile Organic Compounds	74-83-9	Bromomethane	mg/l	74	0	0%	-	-	0.002	5	-	-
Volatile Organic Compounds	75-15-0	Carbon disulfide	mg/l	65	4	6%	0.00055	0.082	0.001	1.25	-	-
Volatile Organic Compounds	56-23-5	Carbon tetrachloride	mg/l	74	0	0%	-	-	0.001	5 *	0.005	0
Volatile Organic Compounds	75-69-4	CFC-11	mg/l	74	0	0%	-	-	0.001	5	-	-
Volatile Organic Compounds	75-71-8	CFC-12	mg/l	74	0	0%	-	-	0.002	5	-	-
Volatile Organic Compounds	76-13-1	Chlorinated fluorocarbon (Freon 113)	mg/l	17	0	0%	-	-	0.001	1	-	-
Volatile Organic Compounds	108-90-7	Chlorobenzene	mg/l	74	61	82%	0.002	56	0.001	5 *	0.1	49
Volatile Organic Compounds	74-97-5	Chlorobromomethane	mg/l	74	0	0%	-	-	0.001	5	-	-

Table 1-2
Summary of CAMU Area Groundwater Results (April 2005)
BMI Landfill CAMU Site - Clark County, Nevada

Class	CAS	Analyte	Units	Total Count	Detect Count	Frequency of Detection	Min Detect ^a	Max Detect ^a	Min RL	Max RL	MCL ^b	MCL Exceedances
Volatile Organic Compounds	124-48-1	Chlorodibromomethane	mg/l	74	2	3%	0.00024	0.00047	0.001	2 *	0.08 ^g	0
Volatile Organic Compounds	75-00-3	Chloroethane	mg/l	74	4	5%	0.00053	0.0014	0.002	5	-	-
Volatile Organic Compounds	67-66-3	Chloroform	mg/l	74	57	77%	0.0014	94	0.001	5 *	0.08 ^g	34
Volatile Organic Compounds	74-87-3	Chloromethane	mg/l	74	1	1%	0.00067	0.00067	0.002	5	-	-
Volatile Organic Compounds	156-59-2	cis-1,2-Dichloroethylene	mg/l	71	1	1%	0.00033	0.00033	0.001	2.5 *	0.07	0
Volatile Organic Compounds	10061-01-5	cis-1,3-Dichloropropylene	mg/l	74	0	0%	-	-	0.001	2	-	-
Volatile Organic Compounds	99-87-6	Cymene	mg/l	74	1	1%	0.22	0.22	0.001	2	-	-
Volatile Organic Compounds	74-95-3	Dibromomethane	mg/l	74	0	0%	-	-	0.001	2	-	-
Volatile Organic Compounds	75-09-2	Dichloromethane	mg/l	74	18	24%	0.00044	1.9	0.001	5 *	0.005	15
Volatile Organic Compounds	100-41-4	Ethylbenzene	mg/l	74	2	3%	0.005	0.15	0.001	2 *	0.7	0
Volatile Organic Compounds	111-76-2	Ethylene glycol monobutyl ether	mg/l	17	0	0%	-	-	0.01	10	-	-
Volatile Organic Compounds	142-82-5	Heptane	mg/l	17	0	0%	-	-	0.001	1	-	-
Volatile Organic Compounds	87-68-3	Hexachloro-1,3-butadiene	mg/l	76	1	1%	0.072	0.072	0.005	1.25	-	-
Volatile Organic Compounds	67-72-1	Hexachloroethane	mg/l	74	6	8%	0.0021	0.92	0.01	0.5	-	-
Volatile Organic Compounds	98-82-8	Isopropylbenzene	mg/l	74	1	1%	0.14	0.14	0.001	2	-	-
Volatile Organic Compounds	136777-61-2	m,p-Xylene	mg/l	74	5	7%	0.006	0.3	0.002	2	-	-
Volatile Organic Compounds	624-92-0	Methyl disulfide	mg/l	17	2	12%	0.0013	0.7	0.005	5	-	-
Volatile Organic Compounds	78-93-3	Methyl ethyl ketone	mg/l	65	1	2%	0.0051	0.0051	0.005	6.25	-	-
Volatile Organic Compounds	74-88-4	Methyl iodide	mg/l	65	0	0%	-	-	0.002	2	-	-
Volatile Organic Compounds	108-10-1	Methyl isobutyl ketone	mg/l	65	6	9%	0.00042	0.0056	0.005	6.25	-	-
Volatile Organic Compounds	591-78-6	Methyl n-butyl ketone	mg/l	65	0	0%	-	-	0.005	6.25	-	-
Volatile Organic Compounds	1634-04-4	MTBE (Methyl tert-butyl ether)	mg/l	65	0	0%	-	-	0.002	2	-	-
Volatile Organic Compounds	104-51-8	n-Butyl benzene	mg/l	74	2	3%	0.00032	0.36	0.001	5	-	-
Volatile Organic Compounds	103-65-1	n-Propyl benzene	mg/l	74	1	1%	0.26	0.26	0.001	2	-	-
Volatile Organic Compounds	95-47-6	o-Xylene	mg/l	74	4	5%	0.0033	0.14	0.001	2	-	-
Volatile Organic Compounds	100-42-5	Styrene (monomer)	mg/l	74	1	1%	0.19	0.19	0.001	2 *	0.1	1
Volatile Organic Compounds	98-06-6	tert-Butyl benzene	mg/l	74	1	1%	0.18	0.18	0.001	5	-	-
Volatile Organic Compounds	127-18-4	Tetrachloroethylene	mg/l	74	19	26%	0.00023	2.6	0.001	2 *	0.005	9
Volatile Organic Compounds	108-88-3	Toluene	mg/l	74	13	18%	0.0047	0.89	0.001	2 *	1	0
Volatile Organic Compounds	156-60-5	trans-1,2-Dichloroethylene	mg/l	74	0	0%	-	-	0.001	2 *	0.1	0
Volatile Organic Compounds	10061-02-6	trans-1,3-Dichloropropylene	mg/l	74	0	0%	-	-	0.001	2	-	-
Volatile Organic Compounds	75-25-2	Tribromomethane	mg/l	74	0	0%	-	-	0.001	5 *	0.08 ^g	0
Volatile Organic Compounds	79-01-6	Trichloroethylene	mg/l	74	6	8%	0.00055	0.039	0.001	2 *	0.005	3
Volatile Organic Compounds	108-05-4	Vinyl acetate	mg/l	27	0	0%	-	-	0.002	2	-	-
Volatile Organic Compounds	75-01-4	Vinyl chloride	mg/l	74	2	3%	0.00034	0.0029	0.002	5 *	0.002	1
Volatile Organic Compounds	1330-20-7	Xylenes (total)	mg/l	17	3	18%	0.0033	0.43	0.003	3 *	10	0
Other SRCs	12185-10-3	White phosphorus	-	-	-	-	-	-	-	-	-	-

All units are indicated next to each analyte name.

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 data set.

b - USEPA Maximum Contaminant Levels (MCLs).

c - An MCL for perchlorate has not been promulgated. The Nevada provisional action level of 18 µg/L was used.

d - The MCL for Alpha Particles was used as comparison to Gross Alpha results. The MCL excludes the contributions from radon and uranium. The Gross Alpha concentrations were not adjusted due to contributions from radon nor uranium prior to comparison to MCL.

e- The MCL for Beta particles photon emitters is 4 millirems per year and was not used to compare to Gross Beta concentrations.

f - The constituent is regulated under the MCL for the combined concentration of radium-226 and radium-228. For comparison to the MCL, concentrations of both constituents should be summed.

g - The constituent is regulated under the MCL for Total Trihalomethanes (TTHM). For comparison to the MCL for TTHM, concentrations of all TTHM constituents need to be considered.

h - pCi/L = picoCuries per Liter

"" Indicates that the reporting limit for one or more sample result(s) are elevated in comparison to screening levels (MCL and/or tap water PRG) for this analyte.

"" Not applicable. No data available.

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Ions	EPA 300.0	Bromide	24959-67-9	YES
		Bromine	7726-95-6	YES
		Chlorate	14866-68-3	YES
		Chloride	16887-00-6	YES
		Chlorine (soluble)	7782-50-5	YES
		Chlorite	14998-27-7	YES
		Fluoride	16984-48-8	YES
		Nitrate (as N)	14797-55-8	YES
		Nitrite (as N)	14797-65-0	YES
		Orthophosphate	14265-44-2	YES
		Sulfate	14808-79-8	YES
	EPA 377.1	Sulfite	14265-45-3	YES
EPA 314.0	Perchlorate	14797-73-0	YES	
Dissolved Gases	RSK 175	Ethane	74-84-0	YES
		Ethylene	74-85-1	YES
		Methane	74-82-8	YES
Chlorinated Compounds	EPA 551.1	Chloral	75-87-6	YES
		Dichloroacetaldehyde	79-02-7	YES
Polychlorinated Dibenzodioxins/ Dibenzofurans	EPA 8290	1,2,3,4,6,7,8,9-Octachlorodibenzofuran	39001-02-0	YES
		1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin	3268-87-9	YES
		1,2,3,4,6,7,8-Heptachlorodibenzofuran	67562-39-4	YES
		1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	35822-46-9	YES
		1,2,3,4,7,8,9-Heptachlorodibenzofuran	55673-89-7	YES
		1,2,3,4,7,8-Hexachlorodibenzofuran	70648-26-9	YES
		1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	39227-28-6	YES
		1,2,3,6,7,8-Hexachlorodibenzofuran	57117-44-9	YES
		1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	57653-85-7	YES
		1,2,3,7,8,9-Hexachlorodibenzofuran	72918-21-9	YES
		1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	19408-74-3	YES
		1,2,3,7,8-Pentachlorodibenzofuran	57117-41-6	YES
		1,2,3,7,8-Pentachlorodibenzo-p-dioxin	40321-76-4	YES
		2,3,4,6,7,8-Hexachlorodibenzofuran	60851-34-5	YES
		2,3,4,7,8-Pentachlorodibenzofuran	57117-31-4	YES
		2,3,7,8-Tetrachlorodibenzofuran	51207-31-9	YES
		2,3,7,8-Tetrachlororodibenzo-p-dioxin	1746-01-6	YES
General Chemistry Parameters	EPA 350.2	Ammonia (as N)	7664-41-7	YES
	EPA 9010/9014	Cyanide (Total)	57-12-5	(a)
	EPA 345.1	Iodine	7553-56-2	YES
	EPA 9040B	pH	pH	YES
	EPA 376.1/376.2	Sulfide	18496-25-8	(a)
	Mod. EPA 415.1	Total inorganic carbon	7440-44-0	YES
	EPA 351.2	Total Kjeldahl nitrogen (TKN)	TKN	YES
EPA 415.1	Total organic carbon (TOC)	7440-44-0	YES	
Metals	EPA 6020/6010B	Aluminum	7429-90-5	YES
		Antimony	7440-36-0	YES
		Arsenic	7440-38-2	YES
		Barium	7440-39-3	YES
		Beryllium	7440-41-7	YES
		Boron	7440-42-8	YES
		Cadmium	7440-43-9	YES

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Metals (continued)	EPA 6020/6010B	Calcium	7440-70-2	YES
		Chromium	7440-47-3	YES
		Cobalt	7440-48-4	YES
		Copper	7440-50-8	YES
		Iron	7439-89-6	YES
		Lead	7439-92-1	YES
		Lithium	1313-13-9	YES
		Magnesium	7439-95-4	YES
		Manganese	7439-96-5	YES
		Molybdenum	7439-98-7	YES
		Nickel	7440-02-0	YES
		Niobium	7440-03-1	YES
		Palladium	7440-05-3	YES
		Phosphorus	7723-14-0	YES
		Platinum	7440-06-4	YES
		Potassium	7440-09-7	YES
		Selenium	7782-49-2	YES
		Silicon	7440-21-3	YES
		Silver	7440-22-4	YES
		Sodium	7440-23-5	YES
		Strontium	7440-24-6	YES
		Sulfur	7704-34-9	YES
		Thallium	7440-28-0	YES
		Tin	7440-31-5	YES
		Titanium	7440-32-6	YES
		Tungsten	7440-33-7	YES
		Uranium	7440-61-1	YES
		Vanadium	7440-62-2	YES
		Zinc	7440-66-6	YES
		Zirconium	7440-67-7	YES
	EPA 7196A	Chromium (VI)	18540-29-9	YES
	EPA 7470/7471A	Mercury	7439-97-6	YES
Organophosphorous Pesticides	EPA 8141A	Azinphos-ethyl	264-27-19	YES
		Azinphos-methyl	86-50-0	YES
		Carbophenothion	786-19-6	YES
		Chlorpyrifos	2921-88-2	YES
		Coumaphos	56-72-4	YES
		Demeton-O	298-03-3	YES
		Demeton-S	126-75-0	YES
		Diazinon	333-41-5	YES
		Dichlorvos	62-73-7	YES
		Dimethoate	60-51-5	YES
		Disulfoton	298-04-4	YES
		EPN	2104-64-5	YES
		Ethoprop	13194-48-4	YES
		Ethyl parathion	56-38-2	YES
		Famphur	52-85-7	YES
		Fenthion	55-38-9	YES
		Malathion	121-75-5	YES
		Methyl carbophenothion	953-17-3	YES

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Organophosphorous Pesticides (continued)	EPA 8141A	Methyl parathion	298-00-0	YES
		Mevinphos	7786-34-7	YES
		Naled	300-76-5	YES
		O,O,O-Triethyl phosphorothioate (TEPP)	297-97-2	YES
		Phorate	298-02-2	YES
		Phosmet	732-11-6	YES
		Ronnel	299-84-3	YES
		Stirophos (Tetrachlorovinphos)	22248-79-9	YES
		Sulfotep	3689-24-5	YES
Chlorinated Herbicides	EPA 8151A	2,4,5-T	93-76-5	(a)
		2,4,5-TP (Silvex)	93-72-1	(a)
		2,4-D	94-75-7	(a)
		2,4-DB	94-82-6	(a)
		Dalapon	75-99-0	(a)
		Dicamba	1918-00-9	(a)
		Dichloroprop	120-36-5	(a)
		Dinoseb	88-85-7	(a)
		MCPA	94-74-6	(a)
		MCPP	93-65-2	(a)
Organic Acids	HPLC	4-Chlorobenzene sulfonic acid	98-66-8	YES
		Benzenesulfonic acid	98-11-3	YES
		O,O-Diethylphosphorodithioic acid	298-06-6	YES
		O,O-Dimethylphosphorodithioic acid	756-80-9	YES
Nonhalogenated Organics	EPA 8015B	Ethylene glycol	107-21-1	(a)
		Ethylene glycol monobutyl ether	111-76-2	(a)
		Methanol	67-56-1	(a)
		Propylene glycol	57-55-6	(a)
Organochlorine Pesticides	EPA 8081A	2,4-DDD	53-19-0	YES
		2,4-DDE	3424-82-6	YES
		4,4-DDD	72-54-8	YES
		4,4-DDE	72-55-9	YES
		4,4-DDT	50-29-3	YES
		Aldrin	309-00-2	YES
		alpha-BHC	319-84-6	YES
		alpha-Chlordane	5103-71-9	YES
		beta-BHC	319-85-7	YES
		Chlordane	57-74-9	YES
		delta-BHC	319-86-8	YES
		Dieldrin	60-57-1	YES
		Endosulfan I	959-98-8	YES
		Endosulfan II	33213-65-9	YES
		Endosulfan sulfate	1031-07-8	YES
		Endrin	72-20-8	YES
		Endrin aldehyde	7421-93-4	YES
		Endrin ketone	53494-70-5	YES
		gamma-BHC (Lindane)	58-89-9	YES
		gamma-Chlordane	5103-74-2	YES
		Heptachlor	76-44-8	YES
		Heptachlor epoxide	1024-57-3	YES
		Methoxychlor	72-43-5	YES
		Toxaphene	8001-35-2	YES

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Polychlorinated Biphenyls	EPA 8082	Aroclor 1016	12674-11-2	(a)
		Aroclor 1221	11104-28-2	(a)
		Aroclor 1232	11141-16-5	(a)
		Aroclor 1242	53469-21-9	(a)
		Aroclor 1248	12672-29-6	(a)
		Aroclor 1254	11097-69-1	(a)
		Aroclor 1260	11096-82-5	(a)
		PCB-77	32598-13-3	YES
		PCB-81	70362-50-4	YES
		PCB-105	32598-14-4	YES
		PCB-114	74472-37-0	YES
		PCB-118	31508-00-6	YES
		PCB-123	65510-44-3	YES
		PCB-126	57465-28-8	YES
		PCB-156	38380-08-4	YES
		PCB-157	69782-90-7	YES
		PCB-167	52663-72-6	YES
		PCB-169	32774-16-6	YES
		PCB-189	39635-31-9	YES
Polynuclear Aromatic Hydrocarbons	EPA 8310	Acenaphthene	83-32-9	YES
		Acenaphthylene	208-96-8	YES
		Anthracene	120-12-7	YES
		Benzo(a)anthracene	56-55-3	YES
		Benzo(a)pyrene	50-32-8	YES
		Benzo(b)fluoranthene	205-99-2	YES
		Benzo(g,h,i)perylene	191-24-2	YES
		Benzo(k)fluoranthene	207-08-9	YES
		Chrysene	218-01-9	YES
		Dibenzo(a,h)anthracene	53-70-3	YES
		Indeno(1,2,3-cd)pyrene	193-39-5	YES
		Phenanthrene	85-01-8	YES
		Pyrene	129-00-0	YES
Radionuclides	EPA 900.0 or EPA 9310	Gross alpha	G_Alpha	YES
		Gross beta	G_Beta	YES
	EPA 901.1/ HASL GA-01-R	Actinium-228	14331-83-0	(b)
		Bismuth-212	14913-49-6	(b)
		Bismuth-214	14733-03-0	(b)
		Cobalt-57	13981-50-5	(b)
		Cobalt-60	10198-40-0	(b)
		Lead-210	14255-04-0	(b)
		Lead-211	015816-77-0	(b)
		Lead-212	15092-94-1	(b)
		Lead-214	15067-28-4	(b)
		Potassium-40	13966-00-2	(b)
		Thallium-208	14913-50-9	(b)
		Thorium-227	15623-47-9	(b)
		Thorium-234	15065-10-8	(b)

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Radionuclides (continued)	HASL A-01-R	Thorium-232	7440-29-1	YES
		Thorium-228	14274-82-9	YES
		Thorium-230	14269-63-7	YES
		Uranium-233/234	13966-29-5	YES
		Uranium 235/236	15117-96-1	YES
		Uranium-238	7440-61-1	YES
	EPA 903.0	Radium-226	13982-63-3	YES
	EPA 904.0	Radium-228	15262-20-1	YES
	Quantitate from Parent or Daughter Radionuclide	Actinium-227 (from Th-227)	14952-40-0	(b)
		Bismuth-210 (from Pb-210)	14331-79-4	(b)
		Bismuth-211 (from Pb-211)	15229-37-5	(b)
		Polonium-210 (from Pb-210)	13981-52-7	(b)
		Polonium-212 (from Bi-212)	13981-52-7	(b)
		Polonium-214 (from Bi-214)	15735-67-8	(b)
		Polonium-216 (from Pb-212)	15756-58-8	(b)
		Polonium-218 (from Pb-214)	15422-74-9	(b)
		Protactinium-231 (from U-235)	14331-85-2	(b)
		Protactinium-234 (from Th-234)	15100-28-4	(b)
		Radium-223 (from Th-227)	15623-45-7	(b)
		Radium-224 (from Pb-212)	13233-32-4	(b)
		Thallium-207 (from Pb-211)	14133-67-6	(b)
		Thorium-231 (from U-235)	14932-40-2	(b)
Aldehydes	EPA 8315A	Acetaldehyde	75-07-0	YES
		Chloroacetaldehyde	107-20-0	YES
		Dichloroacetaldehyde	79-02-7	YES
		Formaldehyde	50-00-0	YES
		Trichloroacetaldehyde	75-87-6	YES
Semivolatile Organic Compounds	EPA 8270C ⁽⁶⁾	1,2,4,5-Tetrachlorobenzene	95-94-3	YES
		1,2-Diphenylhydrazine	122-66-7	YES
		1,4-Dioxane	123-91-1	YES
		2,2'/4,4'-Dichlorobenzil	3457-46-3	YES
		2,4,5-Trichlorophenol	95-95-4	YES
		2,4,6-Trichlorophenol	88-06-2	YES
		2,4-Dichlorophenol	120-83-2	YES
		2,4-Dimethylphenol	105-67-9	YES
		2,4-Dinitrophenol	51-28-5	YES
		2,4-Dinitrotoluene	121-14-2	YES
		2,6-Dinitrotoluene	606-20-2	YES
		2-Chloronaphthalene	91-58-7	YES
		2-Chlorophenol	95-57-8	YES
		2-Methylnaphthalene	91-57-6	YES
		2-Nitroaniline	88-74-4	YES
		2-Nitrophenol	88-75-5	YES
		3,3-Dichlorobenzidine	91-94-1	YES
		3-Nitroaniline	99-09-2	YES
		4,4'-Dichlorobenzil	3457-46-3	YES

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Semivolatile Organic Compounds (continued)	EPA 8270C ^(c)	4-Bromophenyl phenyl ether	101-55-3	YES
		4-Chloro-3-methylphenol	59-50-7	YES
		4-Chlorophenyl phenyl ether	7005-72-3	YES
		4-Chlorothiobanisole	123-09-1	YES
		4-Chlorothiophenol	106-54-7	YES
		4-Nitroaniline	100-01-6	YES
		4-Nitrophenol	100-02-7	YES
		Acenaphthene	83-32-9	YES
		Acenaphthylene	208-96-8	YES
		Acetophenone	98-86-2	YES
		Aniline	62-53-3	YES
		Anthracene	120-12-7	YES
		Azobenzene	103-33-3	YES
		Benzo(a)anthracene	56-55-3	YES
		Benzo(a)pyrene	50-32-8	YES
		Benzo(b)fluoranthene	205-99-2	YES
		Benzo(g,h,i)perylene	191-24-2	YES
		Benzo(k)fluoranthene	207-08-9	YES
		Benzoic acid	65-85-0	YES
		Benzyl alcohol	100-51-6	YES
		Benzyl butyl phthalate	111-91-1	YES
		bis(2-Chloroethoxy)methane	54-28-1	YES
		bis(2-Chloroethyl) ether	108-60-1	YES
		bis(2-Chloroisopropyl) ether	117-81-7	YES
		bis(2-Ethylhexyl) phthalate	111-44-4	YES
		bis(Chloromethyl) ether	80-07-9	YES
		bis(p-Chlorophenyl) sulfone	1142-19-4	YES
		bis(p-Chlorophenyl)disulfide	85-68-7	YES
		Carbazole	86-74-8	YES
		Chrysene	218-01-9	YES
		Dibenzo(a,h)anthracene	53-70-3	YES
		Dibenzofuran	132-64-9	YES
		Dichloromethyl ether	542-88-1	YES
		Diethyl phthalate	84-66-2	YES
		Dimethyl phthalate	131-11-3	YES
		Di-n-butyl phthalate	84-74-2	YES
		Di-n-octyl phthalate	117-84-0	YES
		Diphenyl disulfide	882-33-7	YES
		Diphenyl sulfide	139-66-2	YES
		Diphenyl sulfone	127-63-9	YES
		Fluoranthene	206-44-0	YES
		Fluorene	86-73-7	YES
		Hexachlorobenzene	118-74-1	YES
		Hexachlorobutadiene	87-68-3	YES
		Hexachlorocyclopentadiene	77-47-4	YES
		Hexachloroethane	67-72-1	YES
		Hydroxymethyl phthalimide	118-29-6	YES
		Indeno(1,2,3-cd)pyrene	193-39-5	YES
		Isophorone	78-59-1	YES
		m,p-Cresol	106-44-5	YES

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Semivolatile Organic Compounds (continued)	EPA 8270C ^(c)	Naphthalene	91-20-3	YES
		Nitrobenzene	98-95-3	YES
		N-nitrosodi-n-propylamine	621-64-7	YES
		N-nitrosodiphenylamine	86-30-6	YES
		o-Cresol	95-48-7	YES
		Octachlorostyrene	29082-74-4	YES
		p-Chloroaniline (4-Chloroaniline)	106-47-8	YES
		p-Chlorobenzenethiol	106-54-7	YES
		Pentachlorobenzene	608-93-5	YES
		Pentachlorophenol	87-86-5	YES
		Phenanthrene	85-01-8	YES
		Phenol	108-95-2	YES
		Phthalic acid	88-99-3	YES
		Pyrene	129-00-0	YES
		Pyridine	110-86-1	YES
		Thiophenol	108-98-5	YES
		Tentatively Identified Compounds (TICs)		YES
Volatile Organic Compounds	EPA 8260B	1,1,1,2-Tetrachloroethane	630-20-6	YES
		1,1,1-Trichloroethane	71-55-6	YES
		1,1,2,2-Tetrachloroethane	79-34-5	YES
		1,1,2-Trichloroethane	79-00-5	YES
		1,1-Dichloroethane	75-34-3	YES
		1,1-Dichloroethene	75-35-4	YES
		1,1-Dichloropropene	563-58-6	YES
		1,2,3-Trichlorobenzene	87-61-6	YES
		1,2,3-Trichloropropane	96-18-4	YES
		1,2,4-Trichlorobenzene	120-82-1	YES
		1,2,4-Trimethylbenzene	95-63-6	YES
		1,2-Dichlorobenzene	95-50-1	YES
		1,2-Dichloroethane	107-06-2	YES
		1,2-Dichloroethene	540-59-0	YES
		1,2-Dichloropropane	78-87-5	YES
		1,3,5-Trichlorobenzene	108-70-3	YES
		1,3,5-Trimethylbenzene	108-67-8	YES
		1,3-Dichlorobenzene	541-73-1	YES
		1,3-Dichloropropene	542-75-6	YES
		1,3-Dichloropropane	142-28-9	YES
		1,4-Dichlorobenzene	106-46-7	YES
		2,2-Dichloropropane	594-20-7	YES
		2,2-Dimethylpentane	590-35-2	YES
		2,2,3-Trimethylbutane	464-06-2	YES
		2,3-Dimethylpentane	565-59-3	YES
		2,4-Dimethylpentane	108-08-7	YES
		2-Chlorotoluene	95-49-8	YES
		2-Hexanone	591-78-6	YES
		2-Methylhexane	591-76-4	YES
		2-Nitropropane	79-46-9	YES
		3,3-Dimethylpentane	562-49-2	YES
		3-Ethylpentane	617-78-7	YES
		3-Methylhexane	589-34-4	YES

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Volatile Organic Compounds (continued)	EPA 8260B	4-Chlorobenzene	108-90-7	YES
		4-Chlorotoluene	106-43-4	YES
		4-Methyl-2-pentanone (MIBK)	108-10-1	YES
		Acetone	67-64-1	YES
		Acetonitrile	75-05-8	YES
		Benzene	71-43-2	YES
		Bromobenzene	108-86-1	YES
		Bromodichloromethane	75-27-4	YES
		Bromoform	75-25-2	YES
		Bromomethane	74-83-9	YES
		Carbon disulfide	75-15-0	YES
		Carbon tetrachloride	56-23-5	YES
		Chlorobenzene	108-90-7	YES
		Chlorobromomethane	74-97-5	YES
		Chlorodibromomethane	124-48-1	YES
		Chloroethane	75-00-3	YES
		Chloroform	67-66-3	YES
		Chloromethane	74-87-3	YES
		cis-1,2-Dichloroethene	156-59-2	YES
		cis-1,3-Dichloropropene	10061-01-5	YES
		Cymene (Isopropyltoluene)	99-87-6	YES
		Dibromochloroethane	73506-94-2	YES
		Dibromochloromethane	124-48-1	YES
		Dibromochloropropane	96-12-8	YES
		Dibromomethane	74-95-3	YES
		Dichloromethane (Methylene chloride)	75-09-2	YES
		Dimethyldisulfide	624-92-0	YES
		Ethanol	64-17-5	YES
		Ethylbenzene	100-41-4	YES
		Freon-11 (Trichlorofluoromethane)	75-69-4	YES
		Freon-113 (1,1,2-Trifluoro-1,2,2-trichloroethane)	76-13-1	YES
		Freon-12 (Dichlorodifluoromethane)	75-71-8	YES
		Heptane	142-82-5	YES
		Isoheptane	31394-54-4	YES
		Isopropylbenzene	98-82-8	YES
		m,p-Xylene	mp-XYL	YES
		Methyl ethyl ketone (2-Butanone)	78-93-3	YES
		Methyl iodide	74-88-4	YES
		MTBE (Methyl tert-butyl ether)	1634-04-4	YES
		n-Butyl benzene	104-51-8	YES
		n-Propylbenzene	103-65-1	YES
		Nonanal	124-19-6	YES
		o-Xylene	95-47-6	YES
		sec-Butylbenzene	135-98-8	YES
		Styrene	100-42-5	YES
		tert-Butyl benzene	98-06-6	YES
		Tetrachloroethene	127-18-4	YES
		Toluene	108-88-3	YES
		trans-1,2-Dichloroethene	156-60-5	YES
		trans-1,3-Dichloropropene	10061-02-6	YES

Table 2-1
Site-Related Chemicals and GMP Analyte List
BMI Landfill CAMU Site - Clark County, Nevada

Parameter of Interest	Analytical Method	Compound List	CAS Number	CAMU GMP Analyte
Volatile Organic Compounds (continued)	EPA 8260B	Trichloroethene	79-01-6	YES
		Vinyl acetate	108-05-4	YES
		Vinyl chloride	75-01-4	YES
		Xylenes (total)	1330-20-7	YES
		Tentatively Identified Compounds (TICs)		YES
Water Quality Parameters	EPA 120.1	Conductivity	COND	YES
	EPA 130.2	Hardness, total	Hardness	YES
	EPA 160.1	Total dissolved solids	TDS	YES
	EPA 160.2	Total suspended solids	TSS	YES
	EPA 310.1	Alkalinity, total (as CaCO_3)	ALK	YES
		Bicarbonate alkalinity	71-52-3	YES
		Carbonate alkalinity	3812-32-6	YES
		Hydroxide alkalinity	OH-ALK	YES
Total Petroleum Hydrocarbons	EPA 8015	Diesel	64742-46-7	(a)
		Gasoline	8006-61-9	(a)
		Grease	68153-81-1	(a)
		Mineral Spirits	NA	(a)
		White phosphorus	12185-10-3	(d)
White Phosphorus	EPA 7580M	White phosphorus	12185-10-3	(d)
Methyl Mercury	EPA 1630	Methyl mercury	22967-92-6	(d)

Notes:

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 Methods 8260B and 8270C.

NA = Not available.

a - NDEP approved the removal of groundwater analysis/compound from the Eastside groundwater program.

b - Removed consistent with approved list of radionuclides for project analysis. Other generally short-lived radionuclides will be back-quantitated.

c - Method 3510C for extraction and sample preparation is to be used as appropriate.

d - Upon review of the dissolved oxygen data, a determination as to whether white phosphorous and methyl mercury should be analyzed will be made

Table 2-2
Analytical Laboratories, Methods, Containers, Preservation and Hold Times -
2007 CAMU Event (October - November 2007)
BMI CAMU Area - Clark County, Nevada

Lab	Parameter of Interest	Method	Compound	Container (per sample)			Holding Times
				Quantity	Type	Preservative	
TA- St. Louis 13715 Rider Trail North Earth City, MO 63045-1205	General Chemistry Parameters	EPA 377.1	Sulfite	1	250 mL Poly	None	24 hours
		EPA 351.2	Total Kjeldahl Nitrogen	1	250 mL Poly	H ₂ SO ₄	28 days
		EPA 350.2	Ammonia	1	250 mL Poly	None	24 hours
		EPA 120.1	Conductivity				24 hours
		EPA 9040B	pH				24 hours
TA-Sacramento ¹		EPA 415.1	TOC/TIC	2	250 mL Amber	H ₂ S0 ₄	14 days
TA-St. Louis	Anions	EPA 300.0	Bromide Bromine Chlorate Chloride Chlorine (soluble) Fluoride Nitrate Nitrite Orthophosphate Sulfate Iodine (as iodite)	1	1 L Poly	None	28 days 28 days 28 days 28 days 28 days 28 days 48 hours 48 hours 48 hours 28 days 28 days
TA-Sacramento ¹		EPA 314.0	Perchlorate	1	125 mL Poly	None	28 days
	Dioxins/Furans	EPA 8290	refer Table 2-1	2	1 L Amber	None	30 days
TA- St. Louis	Water Quality Parameters	EPA 160.1	Total Dissolved Solids	1	1 L Poly	None	7 days
		EPA 160.2	Total Suspended Solids				7 days
		EPA 310.1	Bicarbonate Alkalinity				14 days
		EPA 310.1	Carbonate Alkalinity				
		EPA 310.1	Hydroxide Alkalinity				
		EPA 310.1	Alkalinity				
		Hardness/Total Metals*, **	EPA 130.2				Hardness, Total
	SW6010/6020		refer Table 2-1	6 months			
	SW7470		Mercury	28 days			
	Pesticides (OCPs)	EPA 8081A	refer Table 2-1	2	1 L Amber	None	7 days
	PCBs	EPA 8082	refer Table 2-1	2	1 L Amber	None	7 days
	PCBs (WHO congeners)	EPA 1668	refer Table 2-1	2	1 L Amber	None	7 days
Dissolved Gases	RSK 175	refer Table 2-1	3	40-mL VOA	HCl	14 days	
TA-Richland	Radiochem ***	Various	refer Table 2-1	2	1 L Poly	HNO ₃	180 days
TA-St. Louis	SVOCs including PAHs	SW8270C	refer Table 2-1	2	1 L Amber	None	7 days
	VOCs ***	SW8260B	refer Table 2-1	3	40-mL VOA	HCl	14 days
TA- Denver	OP Pesticides	EPA 8141A	refer Table 2-1	2	1L Amber	None	7 days
Alpha Analytical 255 Glendale, Suite 21 Sparks, NV 89431	Organic Acids	HPLC	refer Table 2-1	3	40-mL VOA	None	7 days
Southwest Analytical 4208 Arcata Way North Las Vegas, NV 89030	Hexavalent Chromium	SW7196A	Cr+6	1	500 mL Poly	None	24 hours
TA-Irvine 1014 E. Cooley Drive, Ste A Colton, CA 92324	Aldehydes	SW8315A	Acetaldehyde Chloroacetaldehyde Formaldehyde	1	1 L Amber	None	72 hours
	Aldehydes	SW8270C	Dichloroacetaldehyde Trichloroacetaldehyde	3	40-mL VOA	None	72 hours
			Dichlorobenzil	2	1 L Amber	None	7 days
	Anions*****	EPA 300.1	Chlorite	1	125 mL brown poly	EDA	28 days

TA - Test America Laboratories

1 - STL-St. Louis will sub-sample and ship to lab

*Al, Sb, As, Ba, Be, B, Cd, Ca, Cr, Co, Cu, Fe, Pb, Li, Mg, Mn, Hg, Mo, Ni, P, K, Se, Si, Ag, Na, Sr, Ti, Sn, Tl, U, V, Zn

**Specialty Metals are Niobium, Palladium, Platinum, Tungsten and Zirconium

***Analysis performed by TA Richland (including Gross alpha, beta, Rad-226, -228, Isotopic Thorium (Th-228, 230, 232), Isotopic Uranium (U-234, 235, 236, 238), Gamma Spectroscopy)

****Includes analysis for heptanes.

*****Anions include Bromide, Chlorate, Chloride, Fluoride, Iodide, Nitrate, Nitrite, Orthophosphate, and Sulfate

*****Analysis performed by TA Burlington

Table 2-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Elevations and Monitoring Well Inspection Summary
2007 CAMU Event (October - November 2007)
Clark County, Nevada

Well ID	Top of Casing Elevation (ft. - amsl)	Measured Depth to Water (ft.- btoc)	Water Level (ft. - amsl)	Previously Measured Depth to Well Base (ft.- btoc)	Previous Date Measured	Most Recent Measured Depth to Well Base (ft.- btoc)	Most Recent Date Measured	Time Measured	Difference between Previous and Most Recent Depth to Well Base (ft)	Well Screen Length (ft)	Percent (%) Difference of Material Measured in Screened Interval	10.6 eV - Lamp PID Measurement at Wellhead (ppm)	11.7 eV - Lamp PID Measurement at Wellhead (ppm)	Interface Probe Measured Depth to Water (ft.- btoc)	Comments
												Photo Ionization Detector (PID)			
BRC CAMU LANDFILL WELLS															
H-46	1730.03	INA	INA	51.00	Apr-05	INA	NA	NA	INA	15	INA	NA	INA	NA	Well Not Located (Possibly Burried, Surface Grading in General Area).
H-55	1752.25	41.20	1711.05	46.62	Apr-05	47.00	10/30/2007	INA	-0.38	INA	INA	INA	INA	INA	Well Secure, 4" Well Casing.
M6A	1733.19	INA	INA	46.00	Apr-05	INA	NA	NA	INA	INA	INA	NA	INA	NA	Tronox Well (Not Measured, Due to Non-Finalized Access Aggreement).
B17	1773.98	46.18	1727.80	63.90	Apr-05	64.00	10/22/2007	1018	-0.10	10	-1.0	0.0	0.0	46.2	Well Not Secure (No Bolts), Flush 4" Well Casing.
B18	1774.09	44.17	1729.92	59.20	Apr-05	59.50	10/22/2007	1026	-0.30	10	-3.0	0.1	0.0	44.3	Well Not Secure (No Bolts), Flush 4" Well Casing.
AA-BW-01A	1754.56	39.94	1714.62	55.95	Apr-05	54.00	10/22/2007	928	1.95	20	9.8	0.3	0.1	40.0	Well Not Secure (Cap Broken), 4" Well Casing.
AA-BW-02A	1748.80	41.79	1707.01	59.95	Apr-05	54.00	10/22/2007	921	5.95	20	29.8	0.1	0.3	41.8	Well Secure, 4" Well Casing.
AA-BW-03A	1741.63	39.84	1701.79	56.15	Apr-05	53.00	10/22/2007	INA	3.15	20	15.8	0.1	50.3	39.9	Well Secure, 4" Well Casing.
AA-BW-04A	1731.49	38.43	1693.06	54.91	Apr-05	52.00	10/22/2007	INA	2.91	20	14.6	2.2	40.0	38.5	Well Secure, 4" Well Casing.
AA-BW-05A	1731.49	34.09	1697.40	67.17	Apr-05	65.00	10/22/2007	INA	2.17	30	7.2	0.0	19.2	34.1	Well Secure, 4" Well Casing.
AA-BW-06A	1731.40	33.30	1698.10	45.61	Apr-05	43.00	10/22/2007	INA	2.61	20	13.1	0.0	30.8	33.4	Well Secure, 4" Well Casing.
AA-BW-07A	1731.40	39.92	1691.48	52.18	Apr-05	52.00	10/22/2007	INA	0.18	20	0.9	0.0	0.0	39.92	Well Secure, 4" Well Casing.
AA-BW-08A	1741.73	51.11	1690.62	65.60	Apr-05	59.00	10/22/2007	948	6.60	20	33.0	0.3	0.3	51.2	Well Secure, 4" Well Casing.
AA-BW-08B	1763.63	51.77	1711.86	65.60	Apr-05	65.00	10/22/2007	952	0.60	20	3.0	0.1	0.0	51.8	Well Secure, 4" Well Casing.
AA-BW-09A	1763.12	48.92	1714.20	54.00	Apr-05	54.00	10/22/2007	938	0.00	20	0.0	0.1	0.0	48.92	Well Secure, 4" Well Casing.
AA-BW-12A	1778.54	51.50	1727.04	71.60	Apr-05	70.50	10/22/2007	1008	1.10	20	5.5	1.6	0.8	51.53	Well Not Secure (Clasp Broken), 4" Well Casing.

NOTES:
ID - Identification
btoc - beneath top of casing
bgs - Below ground surface
amsl - Above mean sea level
* Survey Data (elevation) is uncertain
INA - Information not available
WLM - Water Level Meter
WND - Water Not Detected (Dry Well)
NA - Not Applicable
ft - feet
ppm - parts per million

Table 2-4
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Well Purging Details, and Groundwater Sampling Summary
2007 CAMU Event (October - November 2007)
Clark County, Nevada

Well ID	Start Date of Purging/Sampling	Pump Model	Purge Method	Average Pumping Rate for Purging and Sampling (ml/min)	Optimal Bladder Pump Settings			Diameter of Casing (inches)	Screen Slot Size (inches)	Surface Elevation (feet amsl)	Top of Casing Elevation (feet amsl)	Depth to Top of Screen (feet bgs)	Depth to Bottom of Screen (feet bgs)	Total Measured Depth of Well (feet btoc)	Static Depth to Water (feet btoc)	Pump Intake Depth (feet btoc)	Volume of Water Purged (Liters)	Pumping Duration (minutes)	Utilized for Groundwater Chemical (Quality) Sampling	Utilized for Groundwater Elevation Measurements	Comments During Sampling Activities
					psi	cpm	ID														
H-46	NA	NA	NA	NA	NA	NA	NA	NP	NP	NA	1730.03	NP	NP	NP	NP	NP	NA	NA	X	X	Well Not Located (Possibly Burried). Unable to Sample Well.
H-55	10/30/2007	SamplePro Portable System	Net Purge	100	NP	NP	NP	4	NP	NA	1752.25	NP	NP	46.62	41.20	45.60	25.5	237	X	X	Well Purged on 10/30/07. Sampled on 10/31/07.
M6A	NA	NA	NA	NA	NA	NA	NA	NP	NP	NA	1733.19	NP	NP	NP	NP	NP	NA	NA	X	X	Tronox Well (Not Measured). Access Not Granted. Unable to Sample Well.
B17	10/24/2007	SamplePro Portable System	Micro Purge	100	60	3	74	4	NP	NA	1773.98	48.5	58.5	63.90	46.18	62.90	3.5	54	X	X	Well Purged on 10/24/07. Well sampled on 10/25/07.
B18	10/26/2007	SamplePro Portable System	Micro Purge	100	50	3	72	4	NP	NA	1774.09	49.5	59.5	59.20	44.17	59.20	3.5	37	X	X	Well Purged and Sampled on 10/26/07.
AA-BW-01A	10/24/2007	Well Wizard Dedicated / A - System	Micro Purge	340	40	4	103	4	0.010	1752.84	1754.56	33.0	53.0	55.95	39.94	54.70	5.0	19	X	X	Well Purged and Sampled on 10/24/07.
AA-BW-02A	10/29/2007	Well Wizard Dedicated / A - System	Micro Purge	100	70	4	73	4	0.010	1746.78	1748.80	33.0	53.0	59.95	41.78	52.30	3.5	25	X	X	Well Purged and Sampled on 10/29/07.
AA-BW-03A	10/26/2007	Well Wizard Dedicated / A - System	Micro Purge	100	30	5	129	4	0.010	1739.48	1741.63	33.0	53.0	56.15	39.84	52.30	1.5	19	X	X	Well Purged and Sampled on 10/26/07.
AA-BW-04A	10/23/2007	Well Wizard Dedicated / A - System	Micro Purge	500	70	4	103	4	0.010	1729.47	1731.49	32.0	52.0	54.91	38.43	53.60	6.5	21	X	X	Well Purged and Sampled on 10/23/07.
AA-BW-05A	10/23/2007	Well Wizard Dedicated / A - System	Micro Purge	240	50	3	82	4	0.010	1729.21	1731.40	34.0	64.0	67.17	34.09	66.20	5.0	29	X	X	Well Purged and Sampled on 10/23/07.
AA-BW-06A	10/23/2007	Well Wizard Dedicated / A - System	Micro Purge	500	NP	NP	NP	4	0.010	1729.28	1731.40	23.0	43.0	45.61	33.30	44.30	12.5	30	X	X	Well Purged and Sampled on 10/23/07.
AA-BW-07A	10/23/2007	Well Wizard Dedicated / A - System	Micro Purge	550	NP	NP	NP	4	0.010	1739.89	1741.73	32.0	52.0	52.18	39.92	51.30	16.5	32	X	X	Well Purged and Sampled on 10/23/07.
AA-BW-08A	10/25/2007	Well Wizard Dedicated / A - System	Micro Purge	650	NP	NP	NP	4	0.010	1761.28	1763.18	37.5	57.5	65.60	51.11	59.70	13.0	36	X	X	Well Purged and Sampled on 10/25/07.
AA-BW-08B	10/24/2007	Well Wizard Dedicated / A - System	Micro Purge	500	90	4	103	4	0.010	1761.47	1763.63	43.0	63.0	65.6	51.77	64.4	22.0	69	X	X	Well Purged and Sampled on 10/24/07. Free phase product was encountered during purging (free phase product disapated after necessary purge volume was removed).
AA-BW-09A	10/29/2007	Well Wizard Dedicated / A - System	Micro Purge	100	50	2	45	4	0.010	1761.59	1763.12	33.0	53.0	55.55	48.90	54.63	5.5	57	X	X	Well Purged and Sampled on 10/29/07.
AA-BW-12A	10/24/2007	Well Wizard Dedicated / A - System	Micro Purge	500	90	5	134	4	0.010	1776.54	1778.54	49.0	69.0	71.60	51.50	70.50	20.0	59	X	X	Well Purged and Sampled on 10/24/07.

NOTES:
psi - Pounds per square inch.
cpm - cycles per minute
ID - Identification (as it applies to a specific pump setting)
bgs - Below ground surface
amsl - Above mean sea level
* Survey Data (elevation) is uncertain
NA - Not applicable
NP - Not presented
~ The Reference Point Elevation on Table 4-4 Monitoring Well Network Evaluation Summary, Hydrogeologic Characterization Workplan was assumed to be the same as the Top of Casing Elevation given on this table.
INA - Information not available.
Micro Purge - Low-Flow sampling procedures in accordance with EPA Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures, April 1996, and Site specific SOPs.
Net Purge - Sampling Procedure conducted after Micro Purge sampling procedure attempted, but due to exceeasive drawdown additional water was removed to ensure a representative sample. Net volume purged from wells were greater than the required sample volume at a minimum and typically were greater than the volume of the well screen interval.
Well required out of scope activities, or outstanding issues were identified during event.
btoc - Below top of casing
ml/min - milliliters per minute

Table 3-1
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Elevation Data
2007 CAMU Event (October - November 2007)
Clark County, Nevada

Well Identification	Well Installation Date	Surface Elevation (ft.-amsl)	Northing	Easting	Top of Casing Elevation (ft.-amsl)	Date Measured	Depth to Water (ft.-btoc)	Groundwater Elevation (ft.-amsl)
H-46	1980	NA	NA	NA	1730.03	10/22/2007	WNF	WNF
H-55	1982	NA	NA	NA	1752.25	10/30/2007	41.20	1711.05
M6A	1986	NA	NA	NA	1733.19	10/22/2007	NA	NA
B17	1989	NA	NA	NA	1773.98	10/22/2007	46.22	1727.76
B18	1989	NA	NA	NA	1774.09	10/22/2007	44.29	1729.80
AA-BW-01A	03/10/05	1752.84	26719802.7860	826112.3900	1754.56	4/1/2005	39.18	1715.38
						10/22/2007	39.97	1714.59
AA-BW-02A	03/08/05	1746.78	26720214.6710	26720214.6710	1748.80	4/1/2005	41.78	1707.02
						10/22/2007	41.79	1707.01
AA-BW-03A	03/02/05	1739.48	26720593.4560	825973.6640	1741.63	4/1/2005	39.86	1701.77
						10/22/2007	39.85	1701.78
AA-BW-04A	02/24/05	1729.47	26721142.8100	825492.2540	1731.49	4/1/2005	38.18	1693.31
						10/22/2007	38.53	1692.96
AA-BW-05A	02/12/05	1729.21	26721183.8300	825065.4100	1731.40	4/1/2005	35.31	1696.09
						10/22/2007	34.08	1697.32
AA-BW-06A	03/10/05	1729.28	26721238.2610	824476.1600	1731.40	4/1/2005	34.22	1697.18
						10/22/2007	33.40	1698.00
AA-BW-07A	02/28/05	1739.89	26720637.9760	823979.4640	1741.73	4/1/2005	39.97	1701.76
						10/22/2007	39.92	1701.81
AA-BW-08A	03/15/05	1761.28	26719492.7670	825332.7010	1763.18	4/1/2005	51.80	1711.38
						10/22/2007	51.18	1712.00
AA-BW-08B	03/17/05	1761.47	26719495.7490	825289.8940	1763.63	4/1/2005	52.41	1711.22
						10/22/2007	51.83	1711.80
AA-BW-09A	03/11/05	1761.59	26719455.9000	825703.3070	1763.12	4/1/2005	48.37	1714.75
						10/22/2007	48.92	1714.20
AA-BW-12A	02/15/05	1776.54	26718772.3640	824440.2070	1778.54	4/1/2005	53.07	1725.47
						10/22/2007	51.53	1727.01

NOTES:
bgs - Below ground surface
amsl - Above mean sea level
WNL - Well Not Located
WNA - Well Not Accessable

Table 3-2
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Data Validation Qualifiers and Reason Codes
Clark County, Nevada

Validation Qualifier	Definition
J	Estimated Value
U	Not detected
UJ	Not detected with estimated detection limit
B	Analyte found in sample at less than five times the amount found in associated blank. Result is considered non-detect.
BJ	Analyte found in sample at less than five times the amount found in associated blank. Result is considered non-detect with estimated detection limit.
R	Rejected
X	Result is not used for reporting because a more accurate and precise results is reported in its place.
+	Result is biased high.
-	Result is biased low.

Reason Code	Definition
0	Laboratory Reported Non-Detect
1	Holding time exceeded.
2	Analyte detected below QL, but above MDL.
3	Analyte detected in laboratory blank sample.
4	MS/MSD recovery was outside of control limits.
5	LCS recovery was outside of control limits.
6	MS/MSD RPD was outside of control limits.
7	LCS RPD was outside of control limits.
8	Surrogate recovery was outside of control limits.
9	Level IV data validation qualification.
10	Chromatogram did not resemble the standard hydrocarbon pattern
11	Sample concentration was greater than the instrument's calibration range
12	Calibration
13	Analyte detected in field blank sample.
14	Internal standards
15	Serial dilution
16	Difference between columns
17	Field duplicates
18	Sample Temperature
19	Laboratory Duplicate

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Eastern W. Ditch Area	Acetaldehyde	ug/l	1	0	0			30	30	-	0	1.75	0
	Chloral	ug/l	1	0	0			150	150	-	0	3650	0
	Chloroacetaldehyde	ug/l	1	0	0			10	10	-	0		0
	Dichloroacetaldehyde	ug/l	1	0	0			350	350	-	0		0
	Formaldehyde	ug/l	1	1	100	44	44	60	60	-	0	1.46	1
Northern Landfill Lobe	Acetaldehyde	ug/l	8	2	25	4.5	9.6	30	30	-	0	1.75	2
	Chloral	ug/l	8	0	0			150	150	-	0	3650	0
	Chloroacetaldehyde	ug/l	8	1	13	5.6	5.6	10	10	-	0		0
	Dichloroacetaldehyde	ug/l	8	0	0			350	350	-	0		0
	Formaldehyde	ug/l	8	2	25	49	58	60	60	-	0	1.46	2
Slit Trench Area	Acetaldehyde	ug/l	4	1	25	6.4	6.4	30	30	-	0	1.75	1
	Chloral	ug/l	4	0	0			150	150	-	0	3650	0
	Chloroacetaldehyde	ug/l	4	0	0			10	10	-	0		0
	Dichloroacetaldehyde	ug/l	4	0	0			350	350	-	0		0
	Formaldehyde	ug/l	4	3	75	24	180	60	60	-	0	1.46	0
Southern Lobe of the Borrow Area	Acetaldehyde	ug/l	3	0	0			30	30	-	0	1.75	0
	Chloral	ug/l	3	0	0			150	150	-	0	3650	0
	Chloroacetaldehyde	ug/l	3	0	0			10	10	-	0		0
	Dichloroacetaldehyde	ug/l	3	0	0			350	350	-	0		0
	Formaldehyde	ug/l	3	1	33	42	42	60	60	-	0	1.46	1
Dioxins/Furans Chemical													
Eastern W. Ditch Area	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/l	1	0	0			29	29	-	0	-	0
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/l	1	0	0			65	65	-	0	-	0
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/l	1	0	0			34	34	-	0	-	0
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/l	1	0	0			20	20	-	0	-	0
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/l	1	0	0			33	33	-	0	-	0
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/l	1	0	0			19	19	-	0	-	0
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/l	1	0	0			35	35	-	0	-	0
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/l	1	0	0			21	21	-	0	-	0
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/l	1	0	0			27	27	-	0	10.84	0
	1,2,3,7,8-Pentachlorodibenzofuran	pg/l	1	0	0			22	22	-	0	-	0
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/l	1	0	0			71	71	-	0	-	0
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/l	1	0	0			21	21	-	0	-	0
	2,3,4,7,8-Pentachlorodibenzofuran	pg/l	1	0	0			23	23	-	0	-	0
	2,3,7,8-Tetrachlorodibenzofuran	pg/l	1	0	0			39	39	-	0	-	0
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/l	1	0	0			430	430	30	0	0.45	0
	Octachlorodibenzodioxin	pg/l	1	0	0			460	460	-	0	-	0
	Octachlorodibenzofuran	pg/l	1	0	0			49	49	-	0	-	0
Northern Landfill Lobe	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/l	8	0	0			1.3	13	-	0	-	0
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/l	8	0	0			2.5	18	-	0	-	0
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/l	8	0	0			1.3	15	-	0	-	0
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/l	8	0	0			1.9	7.8	-	0	-	0
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/l	8	0	0			2.4	11	-	0	-	0
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/l	8	0	0			1.9	7.7	-	0	-	0
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/l	8	0	0			2.6	12	-	0	-	0
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/l	8	0	0			2	8.1	-	0	-	0
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/l	8	0	0			2	9.2	-	0	10.84	0
	1,2,3,7,8-Pentachlorodibenzofuran	pg/l	8	0	0			2.2	13	-	0	-	0
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/l	8	0	0			3.4	41	-	0	-	0
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/l	8	0	0			2	8.1	-	0	-	0
	2,3,4,7,8-Pentachlorodibenzofuran	pg/l	8	0	0			2.2	13	-	0	-	0
	2,3,7,8-Tetrachlorodibenzofuran	pg/l	8	0	0			1.7	4.4	-	0	-	0
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/l	8	0	0			2.6	88	30	0	0.45	0
	Octachlorodibenzodioxin	pg/l	8	0	0			3.7	17	-	0	-	0
	Octachlorodibenzofuran	pg/l	8	0	0			4.1	19	-	0	-	0
Slit Trench Area	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/l	4	0	0			2	400	-	0	-	0
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/l	4	0	0			3.5	680	-	0	-	0
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/l	4	0	0			2.4	460	-	0	-	0
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/l	4	0	0			1.9	340	-	0	-	0
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/l	4	0	0			3.6	530	-	0	-	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Slit Trench Area (continued)	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/l	4	0	0			1.8	340	-	0	-	0
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/l	4	0	0			3.9	570	-	0	-	0
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/l	4	0	0			2	360	-	0	-	0
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/l	4	0	0			3	440	-	0	10.84	0
	1,2,3,7,8-Pentachlorodibenzofuran	pg/l	4	0	0			2.3	560	-	0	-	0
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/l	4	0	0			4.9	890	-	0	-	0
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/l	4	0	0			2	360	-	0	-	0
	2,3,4,7,8-Pentachlorodibenzofuran	pg/l	4	0	0			2.4	570	-	0	-	0
	2,3,7,8-Tetrachlorodibenzofuran	pg/l	4	0	0			2.1	390	-	0	-	0
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/l	4	0	0			2.6	580	30	0	0.45	0
Southern Lobe of the Borrow Area	Octachlorodibenzodioxin	pg/l	4	0	0			4.4	1300	-	0	-	0
	Octachlorodibenzofuran	pg/l	4	0	0			4.3	1100	-	0	-	0
	1,2,3,4,6,7,8-Heptachlorodibenzofuran	pg/l	3	0	0			4.2	4.5	-	0	-	0
	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	pg/l	3	0	0			5.7	8.3	-	0	-	0
	1,2,3,4,7,8,9-Heptachlorodibenzofuran	pg/l	3	0	0			4.9	5.3	-	0	-	0
	1,2,3,4,7,8-Hexachlorodibenzofuran	pg/l	3	0	0			4	4.9	-	0	-	0
	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	pg/l	3	0	0			5.3	6.3	-	0	-	0
	1,2,3,6,7,8-Hexachlorodibenzofuran	pg/l	3	0	0			3.8	4.6	-	0	-	0
	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	pg/l	3	0	0			5.7	6.7	-	0	-	0
	1,2,3,7,8,9-Hexachlorodibenzofuran	pg/l	3	0	0			4.4	5.3	-	0	-	0
	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin	pg/l	3	0	0			4.6	5.4	-	0	10.84	0
	1,2,3,7,8-Pentachlorodibenzofuran	pg/l	3	0	0			5.9	6.2	-	0	-	0
	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	pg/l	3	0	0			8	8.5	-	0	-	0
	2,3,4,6,7,8-Hexachlorodibenzofuran	pg/l	3	0	0			4.3	5.2	-	0	-	0
	2,3,4,7,8-Pentachlorodibenzofuran	pg/l	3	0	0			5.8	6	-	0	-	0
	2,3,7,8-Tetrachlorodibenzofuran	pg/l	3	0	0			3.8	4.1	-	0	-	0
	2,3,7,8-Tetrachlorodibenzo-p-dioxin	pg/l	3	0	0			6.4	6.8	30	0	0.45	0
	Octachlorodibenzodioxin	pg/l	3	0	0			6.3	16	-	0	-	0
	Octachlorodibenzofuran	pg/l	3	0	0			10	11	-	0	-	0
Dissolved Gases													
Eastern W. Ditch Area	Ethane	ug/l	1	1	100	2.2	2.2	25	25	-	0	-	0
	Ethylene	ug/l	1	1	100	5.7	5.7	25	25	-	0	-	0
	Methane	ug/l	1	1	100	1400	1400	25	25	-	0	-	0
Northern Landfill Lobe	Ethane	ug/l	8	0	0			5	5	-	0	-	0
	Ethylene	ug/l	8	1	13	2.8	2.8	5	5	-	0	-	0
	Methane	ug/l	8	8	100	0.25	330	5	5	-	0	-	0
Slit Trench Area	Ethane	ug/l	4	0	0			5	5	-	0	-	0
	Ethylene	ug/l	4	3	75	1.9	10	5	5	-	0	-	0
	Methane	ug/l	4	3	75	1.4	14	5	5	-	0	-	0
Southern Lobe of the Borrow Area	Ethane	ug/l	3	0	0			5	5	-	0	-	0
	Ethylene	ug/l	3	0	0			5	5	-	0	-	0
	Methane	ug/l	3	3	100	32	150	5	5	-	0	-	0
General Chemistry													
Eastern W. Ditch Area	Alkalinity	mg/l	1	1	100	3030	3030	50	50	-	0	-	0
	Ammonia	ug/l	1	1	100	899	899	100	100	-	0	208.57	1
	Bicarbonate alkalinity	mg/l	1	1	100	3030	3030	10	10	-	0	-	0
	Bromide	mg/l	1	0	0			25	25	-	0	-	0
	Bromine	mg/l	1	0	0			50	50	-	0	-	0
	Carbonate alkalinity	mg/l	1	0	0			50	50	-	0	-	0
	Chlorate	mg/l	1	0	0			5	5	-	0	-	0
	Chloride	mg/l	1	1	100	7470	7470	1000	1000	250	1	-	0
	Chlorine	mg/l	1	1	100	14900	14900	2000	2000	-	0	3.65	1
	Chlorite	ug/l	1	0	0			4000	4000	1000	0	-	0
	Conductivity	umhos/cm	1	1	100	30400	30400	1	1	-	0	-	0
	Fluoride	mg/l	1	0	0			1	1	4	0	2.19	0
	Hardness, Total	mg/l	1	1	100	1720	1720	25	25	-	0	-	0
	Hydroxide alkalinity	mg/l	1	0	0			50	50	-	0	-	0
	Iodide	mg/l	1	1	100	498	498	20	20	-	0	-	0
	Ion Balance Difference	percent	1	1	100	2.5	2.5	0.1	0.1	-	0	-	0
	Nitrate (as N)	mg/l	1	0	0			0.2	0.2	10	0	10	0
	Nitrite (as N)	mg/l	1	0	0			2	2	1	0	1	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Eastern W. Ditch Area (continued)	Orthophosphate as P	mg/l	1	1	100	87.7	87.7	5	5	-	0	-	0
	Perchlorate	ug/l	1	0	0			4000	4000	24.5	0	-	0
	pH (Hydrogen Ion)	none	1	1	100	7.2	7.2	0.1	0.1	8.5	0	-	0
	Sulfate	mg/l	1	1	100	3500	3500	500	500	250	1	-	0
	Total Dissolved Solids	mg/l	1	1	100	23400	23400	5	5	500	1	-	0
	Total Inorganic Carbon	mg/l	1	1	100	168	168	1	1	-	0	-	0
	Total Kjeldahl Nitrogen (TKN)	mg/l	1	1	100	1.4	1.4	0.5	0.5	-	0	-	0
	Total Organic Carbon	mg/l	1	1	100	168	168	10	10	-	0	-	0
	Total Suspended Solids	mg/l	1	1	100	136	136	1	1	-	0	-	0
Northern Landfill Lobe	Alkalinity	mg/l	8	8	100	111	788	5	10	-	0	-	0
	Ammonia	ug/l	8	7	88	12.2	1170	50	200	-	0	208.57	3
	Bicarbonate alkalinity	mg/l	8	8	100	111	788	5	10	-	0	-	0
	Bromide	mg/l	8	4	50	1.8	19.4	2.5	25	-	0	-	0
	Bromine	mg/l	8	4	50	3.6	38.9	5	50	-	0	-	0
	Carbonate alkalinity	mg/l	8	0	0			5	10	-	0	-	0
	Chlorate	mg/l	8	0	0			0.5	5	-	0	-	0
	Chloride	mg/l	8	8	100	862	10100	200	1000	250	8	-	0
	Chlorine	mg/l	8	8	100	1720	20200	400	2000	-	0	3.65	7
	Chlorite	ug/l	8	0	0			100	1000	1000	0	-	0
	Conductivity	umhos/cm	8	8	100	4670	34500	1	1	-	0	-	0
	Fluoride	mg/l	8	7	88	0.5	2.8	1	1	4	0	2.19	2
	Hardness, Total	mg/l	8	8	100	500	3550	5	62.5	-	0	-	0
	Hydroxide alkalinity	mg/l	8	0	0			5	10	-	0	-	0
	Iodide	mg/l	8	4	50	22.1	43	1	20	-	0	-	0
	Ion Balance Difference	percent	8	8	100	0.26	4.7	0.1	0.1	-	0	-	0
	Nitrate (as N)	mg/l	8	3	38	0.57	0.91	0.02	0.2	10	0	10	0
	Nitrite (as N)	mg/l	5	0	0			2	20	1	0	1	0
	Orthophosphate as P	mg/l	7	1	14	157	157	5	50	-	0	-	0
	Perchlorate	ug/l	8	3	38	69.1	104	20	800	24.5	3	-	0
	pH (Hydrogen Ion)	none	8	8	100	6.7	7.5	0.1	0.1	8.5	0	-	0
	Sulfate	mg/l	8	8	100	779	3420	50	500	250	8	-	0
	Sulfite	mg/L	1	1	100	9.2	9.2	5	5	-	0	-	0
	Total Dissolved Solids	mg/l	8	8	100	4000	25100	5	5	500	8	-	0
	Total Inorganic Carbon	mg/l	8	8	100	27.3	167	1	1	-	0	-	0
	Total Kjeldahl Nitrogen (TKN)	mg/l	8	2	25	0.78	1	0.5	0.5	-	0	-	0
	Total Organic Carbon	mg/l	8	8	100	1.1	3.3	1	1	-	0	-	0
	Total Suspended Solids	mg/l	8	8	100	5	67	1	1	-	0	-	0
Slit Trench Area	Alkalinity	mg/l	4	4	100	193	386	5	5	-	0	-	0
	Ammonia	ug/l	4	4	100	20.1	487	50	50	-	0	208.57	1
	Bicarbonate alkalinity	mg/l	4	4	100	193	386	5	5	-	0	-	0
	Bromide	mg/l	4	0	0			2.5	25	-	0	-	0
	Bromine	mg/l	4	0	0			5	50	-	0	-	0
	Carbonate alkalinity	mg/l	4	0	0			5	5	-	0	-	0
	Chlorate	mg/l	4	0	0			5	5	-	0	-	0
	Chloride	mg/l	4	4	100	7180	31100	1000	2000	250	4	-	0
	Chlorine	mg/l	4	4	100	14400	62300	2000	4000	-	0	3.65	4
	Chlorite	ug/l	4	0	0			1000	4000	1000	0	-	0
	Conductivity	umhos/cm	4	4	100	22100	77400	1	1	-	0	-	0
	Fluoride	mg/l	4	3	75	0.33	7	1	1	4	1	2.19	1
	Hardness, Total	mg/l	4	4	100	1880	9150	5	62.5	-	0	-	0
	Hydroxide alkalinity	mg/l	4	0	0			5	5	-	0	-	0
	Iodide	mg/l	4	0	0			10	50	-	0	-	0
	Ion Balance Difference	percent	4	4	100	0.69	2.4	0.1	0.1	-	0	-	0
	Nitrate (as N)	mg/l	4	0	0			0.2	0.2	10	0	10	0
	Nitrite (as N)	mg/l	2	0	0			2	2	1	0	1	0
	Orthophosphate as P	mg/l	4	0	0			5	5	-	0	-	0
	Perchlorate	ug/l	4	0	0			200	2000	24.5	0	-	0
	pH (Hydrogen Ion)	none	4	4	100	7.1	7.4	0.1	0.1	8.5	0	-	0
	Sulfate	mg/l	4	4	100	1990	4540	50	500	250	4	-	0
	Total Dissolved Solids	mg/l	4	4	100	19400	60000	5	5	500	4	-	0
	Total Inorganic Carbon	mg/l	4	4	100	79	123	1	1	-	0	-	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Slit Trench Area (continued)	Total Kjeldahl Nitrogen (TKN)	mg/l	4	1	25	0.7	0.7	0.5	0.5	-	0	-	0
	Total Organic Carbon	mg/l	4	4	100	2	5	1	1	-	0	-	0
	Total Suspended Solids	mg/l	4	4	100	22	187	1	1	-	0	-	0
Southern Lobe of the Borrow Area	Alkalinity	mg/l	3	3	100	144	152	5	5	-	0	-	0
	Ammonia	ug/l	3	1	33	382	382	50	50	-	0	208.57	1
	Bicarbonate alkalinity	mg/l	3	3	100	144	152	5	5	-	0	-	0
	Bromide	mg/l	3	2	67	0.85	2.3	2.5	2.5	-	0	-	0
	Bromine	mg/l	3	2	67	1.7	4.6	5	5	-	0	-	0
	Carbonate alkalinity	mg/l	3	0	0			5	5	-	0	-	0
	Chlorate	mg/l	3	1	33	1.5	1.5	5	5	-	0	-	0
	Chloride	mg/l	3	3	100	482	1020	20	200	250	3	-	0
	Chlorine	mg/l	3	3	100	963	2040	40	400	-	0	3.65	2
	Chlorite	ug/l	3	0	0			100	400	1000	0	-	0
	Conductivity	umhos/cm	3	3	100	2650	5000	1	1	-	0	-	0
	Fluoride	mg/l	3	2	67	0.34	0.76	0.1	1	4	0	2.19	0
	Hardness, Total	mg/l	3	3	100	506	760	5	25	-	0	-	0
	Hydroxide alkalinity	mg/l	3	0	0			5	5	-	0	-	0
	Iodide	mg/l	3	3	100	4.2	80.7	2	10	-	0	-	0
	Ion Balance Difference	percent	3	3	100	0.03	1.7	0.1	0.1	-	0	-	0
	Nitrate (as N)	mg/l	3	3	100	0.23	0.37	0.02	0.2	10	0	10	0
	Orthophosphate as P	mg/l	3	1	33	0.74	0.74	0.5	5	-	0	-	0
	Perchlorate	ug/l	3	3	100	42.5	122	20	20	24.5	3	-	0
	pH (Hydrogen Ion)	none	3	3	100	7.3	7.4	0.1	0.1	8.5	0	-	0
	Sulfate	mg/l	3	3	100	542	987	50	50	250	3	-	0
	Sulfite	mg/L	1	1	100	9.6	9.6	5	5	-	0	-	0
	Total Dissolved Solids	mg/l	3	3	100	2020	4420	5	5	500	3	-	0
	Total Inorganic Carbon	mg/l	3	3	100	36.7	38.9	1	1	-	0	-	0
	Total Kjeldahl Nitrogen (TKN)	mg/l	3	1	33	0.36	0.36	0.5	0.5	-	0	-	0
	Total Organic Carbon	mg/l	3	1	33	1	1	1	1	-	0	-	0
	Total Suspended Solids	mg/l	3	3	100	8	17	1	1	-	0	-	0
Glycols/Alcohols													
Eastern W. Ditch Area	Ethanol	ug/l	1	0	0			12000	12000	-	0	-	0
Northern Landfill Lobe	Ethanol	ug/l	8	0	0			250	250	-	0	-	0
Slit Trench Area	Ethanol	ug/l	4	0	0			250	250	-	0	-	0
Southern Lobe of the Borrow Area	Ethanol	ug/l	3	0	0			250	250	-	0	-	0
Metals													
Eastern W. Ditch Area	Aluminum	ug/l	1	1	100	4350	4350	750	750	50	1	365000	0
	Antimony	ug/l	1	0	0			125	125	6	0	14.6	0
	Arsenic	ug/l	1	1	100	445	445	5	5	10	1	0.045	1
	Barium	ug/l	1	1	100	90.8	90.8	50	50	2000	0	7300	0
	Beryllium	ug/l	1	0	0			50	50	4	0	73	0
	Boron	ug/l	1	1	100	2350	2350	5000	5000	-	0	7300	0
	Cadmium	ug/l	1	0	0			12.5	12.5	5	0	18.3	0
	Calcium	ug/l	1	1	100	248000	248000	10000	10000	-	0	-	0
	Chromium (Total)	ug/l	1	0	0			250	250	100	0	54750	0
	Chromium (VI)	mg/l	1	0	0			0.01	0.01	-	0	109.5	0
	Cobalt	ug/l	1	0	0			50	50	-	0	730	0
	Copper	ug/l	1	1	100	15.4	15.4	25	25	1300	0	1355.7	0
	Iron	ug/l	1	1	100	3710	3710	1250	1250	300	1	25550	0
	Lead	ug/l	1	0	0			75	75	15	0	15	0
	Lithium	ug/l	1	1	100	374	374	50	50	-	0	-	0
	Magnesium	ug/l	1	1	100	271000	271000	1250	1250	-	0	-	0
	Manganese	ug/l	1	1	100	1320	1320	50	50	50	1	1703.1	0
	Molybdenum	ug/l	1	0	0			125	125	-	0	182.5	0
	Nickel	ug/l	1	1	100	18.8	18.8	125	125	-	0	730	0
	Niobium	ug/l	1	0	0			625	625	-	0	-	0
	Palladium	ug/l	1	1	100	23.2	23.2	12.5	12.5	-	0	-	0
	Phosphorus (as P)	ug/l	1	1	100	90800	90800	2000	2000	-	0	-	0
	Platinum	ug/l	1	0	0			25	25	-	0	-	0
	Potassium	ug/l	1	1	100	46500	46500	2500	2500	-	0	-	0
	Selenium	ug/l	1	0	0			125	125	50	0	182.5	0

Table 3-3

BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)

Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)

Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Eastern W. Ditch Area (continued)	Silicon	ug/l	1	1	100	62300	62300	25000	25000	-	0	-	0
	Silver	ug/l	1	0	0			50	50	100	0	182.5	0
	Sodium	ug/l	1	0	0			5000	5000	-	0	-	0
	Strontium	ug/l	1	1	100	7380	7380	125	125	-	0	21900	0
	Sulfur	ug/l	1	1	100	1410000	1410000	40000	40000	-	0	-	0
	Thallium	ug/l	1	0	0			50	50	2	0	2.6	0
	Tin	ug/l	1	0	0			50	50	-	0	21900	0
	Titanium	ug/l	1	1	100	334	334	200	200	-	0	146000	0
	Tungsten	ug/l	1	0	0			125	125	-	0	-	0
	Uranium	ug/l	1	0	0			25	25	30	0	7.3	0
	Vanadium	ug/l	1	0	0			250	250	-	0	182.5	0
	Zinc	ug/l	1	0	0			250	250	500	0	10950	0
	Zirconium	ug/l	1	0	0			125	125	-	0	-	0
Northern Landfill Lobe	Aluminum	ug/l	8	0	0			300	1500	50	0	365000	0
	Antimony	ug/l	8	0	0			50	250	6	0	14.6	0
	Arsenic	ug/l	8	7	88	55.6	210	5	500	10	7	0.045	7
	Barium	ug/l	8	8	100	32.6	53.9	20	100	2000	0	7300	0
	Beryllium	ug/l	8	0	0			5	50	4	0	73	0
	Boron	ug/l	8	8	100	1300	3020	500	5000	-	0	7300	0
	Cadmium	ug/l	8	1	13	0.41	0.41	5	25	5	0	18.3	0
	Calcium	ug/l	8	8	100	168000	655000	1000	10000	-	0	-	0
	Chromium (Total)	ug/l	8	0	0			100	500	100	0	54750	0
	Chromium (VI)	mg/l	6	0	0			0.01	0.025	-	0	109.5	0
	Chromium (VI)	ug/l	2	0	0			10	10	-	0	109.5	0
	Cobalt	ug/l	8	0	0			20	100	-	0	730	0
	Copper	ug/l	8	7	88	3.8	13.4	10	50	1300	0	1355.7	0
	Iron	ug/l	8	1	13	64000	64000	500	2500	300	1	25550	0
	Lead	ug/l	8	0	0			30	150	15	0	15	0
	Lithium	ug/l	8	8	100	159	566	50	250	-	0	-	0
	Magnesium	ug/l	8	8	100	66400	682000	500	2500	-	0	-	0
	Manganese	ug/l	8	8	100	22.6	1590	40	100	50	6	1703.1	0
	Mercury	ug/l	8	0	0			0.2	0.2	2	0	11	0
	Molybdenum	ug/l	8	2	25	4.6	34.6	50	250	-	0	182.5	0
	Nickel	ug/l	8	5	63	5.6	19	50	250	-	0	730	0
	Niobium	ug/l	8	0	0			250	1250	-	0	-	0
	Palladium	ug/l	8	8	100	5.1	47	5	25	-	0	-	0
	Phosphorus (as P)	ug/l	8	1	13	3330	3330	200	2000	-	0	-	0
	Platinum	ug/l	8	0	0			10	50	-	0	-	0
	Potassium	ug/l	8	8	100	16600	51300	1000	5000	-	0	-	0
	Selenium	ug/l	8	0	0			50	250	50	0	182.5	0
	Silicon	ug/l	8	8	100	6870	64400	2500	25000	-	0	-	0
	Silver	ug/l	8	0	0			20	100	100	0	182.5	0
	Sodium	ug/l	8	8	100	664000	7510000	1000	25000	-	0	-	0
	Strontium	ug/l	8	8	100	3140	21000	50	250	-	0	21900	0
	Sulfur	ug/l	8	8	100	229000	1260000	10000	40000	-	0	-	0
	Thallium	ug/l	8	0	0			20	100	2	0	2.6	0
	Tin	ug/l	8	0	0			20	100	-	0	21900	0
	Titanium	ug/l	8	0	0			20	200	-	0	146000	0
	Tungsten	ug/l	8	0	0			50	250	-	0	-	0
	Uranium	ug/l	8	6	75	13.2	72.8	10	50	30	3	7.3	6
	Vanadium	ug/l	8	2	25	120	123	100	500	-	0	182.5	0
	Zinc	ug/l	8	1	13	236	236	100	500	500	0	10950	0
	Zirconium	ug/l	8	0	0			50	250	-	0	-	0
Slit Trench Area	Aluminum	ug/l	4	0	0			750	6000	50	0	365000	0
	Antimony	ug/l	4	0	0			125	1000	6	0	14.6	0
	Arsenic	ug/l	4	4	100	125	782	5	250	10	4	0.045	4
	Barium	ug/l	4	3	75	30.4	51	50	400	2000	0	7300	0
	Beryllium	ug/l	4	0	0			50	100	4	0	73	0
	Boron	ug/l	4	2	50	1510	1570	5000	10000	-	0	7300	0
	Cadmium	ug/l	4	0	0			12.5	100	5	0	18.3	0
	Calcium	ug/l	4	4	100	293000	1660000	10000	20000	-	0	-	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Slit Trench Area (continued)	Chromium (Total)	ug/l	4	0	0			250	2000	100	0	54750	0
	Chromium (VI)	mg/l	3	0	0			0.01	0.01	-	0	109.5	0
	Chromium (VI)	ug/l	1	0	0			10	10	-	0	109.5	0
	Cobalt	ug/l	4	0	0			50	400	-	0	730	0
	Copper	ug/l	4	1	25	10.2	10.2	25	200	1300	0	1355.7	0
	Iron	ug/l	4	1	25	1870	1870	1250	10000	300	1	25550	0
	Lead	ug/l	4	0	0			75	600	15	0	15	0
	Lithium	ug/l	4	4	100	387	918	50	1000	-	0	-	0
	Magnesium	ug/l	4	4	100	353000	2270000	1250	10000	-	0	-	0
	Manganese	ug/l	4	4	100	80.9	2680	50	400	50	4	1703.1	2
	Mercury	ug/l	3	1	33	0.097	0.097	0.2	0.2	2	0	11	0
	Molybdenum	ug/l	4	1	25	66.9	66.9	125	1000	-	0	182.5	0
	Nickel	ug/l	4	3	75	14.7	36.6	125	1000	-	0	730	0
	Niobium	ug/l	4	0	0			625	5000	-	0	-	0
	Palladium	ug/l	4	4	100	36.6	133	12.5	100	-	0	-	0
	Phosphorus (as P)	ug/l	4	0	0			2000	4000	-	0	-	0
	Platinum	ug/l	4	0	0			25	200	-	0	-	0
	Potassium	ug/l	4	4	100	28300	82600	2500	20000	-	0	-	0
	Selenium	ug/l	4	0	0			125	1000	50	0	182.5	0
	Silicon	ug/l	4	4	100	47100	72900	25000	50000	-	0	-	0
	Silver	ug/l	4	0	0			50	400	100	0	182.5	0
	Sodium	ug/l	4	3	75	2780000	15300000	5000	10000	-	0	-	0
	Strontium	ug/l	4	4	100	11500	53500	125	1000	-	0	21900	2
	Sulfur	ug/l	4	4	100	707000	1470000	20000	40000	-	0	-	0
	Thallium	ug/l	4	0	0			50	400	2	0	2.6	0
	Tin	ug/l	4	0	0			50	400	-	0	21900	0
	Titanium	ug/l	4	0	0			200	400	-	0	146000	0
	Tungsten	ug/l	4	0	0			125	1000	-	0	-	0
	Uranium	ug/l	4	3	75	9.9	265	25	200	30	2	7.3	3
	Vanadium	ug/l	4	0	0			250	2000	-	0	182.5	0
	Zinc	ug/l	4	1	25	978	978	250	2000	500	1	10950	0
	Zirconium	ug/l	4	0	0			125	1000	-	0	-	0
Southern Lobe of the Borrow Area	Aluminum	ug/l	3	1	33	444	444	300	600	50	1	365000	0
	Antimony	ug/l	3	0	0			50	100	6	0	14.6	0
	Arsenic	ug/l	3	3	100	52.8	114	5	200	10	3	0.045	3
	Barium	ug/l	3	3	100	41.8	49.7	20	40	2000	0	7300	0
	Beryllium	ug/l	3	0	0			0.5	10	4	0	73	0
	Boron	ug/l	3	3	100	80.9	1570	50	1000	-	0	7300	0
	Cadmium	ug/l	3	0	0			5	10	5	0	18.3	0
	Calcium	ug/l	3	3	100	9510	189000	100	2000	-	0	-	0
	Chromium (Total)	ug/l	3	0	0			100	200	100	0	54750	0
	Chromium (VI)	mg/l	3	1	33	0.0083	0.0083	0.01	0.025	-	0	109.5	0
	Cobalt	ug/l	3	0	0			20	40	-	0	730	0
	Copper	ug/l	3	1	33	5.7	5.7	10	20	1300	0	1355.7	0
	Iron	ug/l	3	1	33	686	686	500	1000	300	1	25550	0
	Lead	ug/l	3	0	0			30	60	15	0	15	0
	Lithium	ug/l	3	3	100	136	193	50	50	-	0	-	0
	Magnesium	ug/l	3	3	100	53900	98400	500	1000	-	0	-	0
	Manganese	ug/l	3	3	100	106	137	20	40	50	3	1703.1	0
	Mercury	ug/l	1	0	0			0.2	0.2	2	0	11	0
	Molybdenum	ug/l	3	0	0			50	100	-	0	182.5	0
	Nickel	ug/l	3	1	33	20.4	20.4	50	100	-	0	730	0
	Niobium	ug/l	3	0	0			250	500	-	0	-	0
	Palladium	ug/l	3	3	100	6	11.4	5	10	-	0	-	0
	Phosphorus (as P)	ug/l	3	0	0			20	400	-	0	-	0
	Platinum	ug/l	3	0	0			10	20	-	0	-	0
	Potassium	ug/l	3	3	100	13000	17000	1000	2000	-	0	-	0
	Selenium	ug/l	3	0	0			50	100	50	0	182.5	0
	Silicon	ug/l	3	3	100	1830	35000	250	5000	-	0	-	0
	Silver	ug/l	3	0	0			20	40	100	0	182.5	0
	Sodium	ug/l	3	3	100	376000	776000	500	1000	-	0	-	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Southern Lobe of the Borrow Area (continued)	Strontium	ug/l	3	3	100	2230	3720	50	100	-	0	21900	0
	Sulfur	ug/l	3	3	100	195000	340000	10000	10000	-	0	-	0
	Thallium	ug/l	3	0	0			20	40	2	0	2.6	0
	Tin	ug/l	3	0	0			20	40	-	0	21900	0
	Titanium	ug/l	3	1	33	9.6	9.6	2	40	-	0	146000	0
	Tungsten	ug/l	3	0	0			50	100	-	0	-	0
	Uranium	ug/l	3	3	100	6.6	8.7	10	20	30	0	7.3	1
	Vanadium	ug/l	3	0	0			100	200	-	0	182.5	0
	Zinc	ug/l	3	0	0			100	200	500	0	10950	0
	Zirconium	ug/l	3	0	0			50	100	-	0	-	0
Organic Acids													
Eastern W. Ditch Area	4-Chlorobenzenesulfonic acid	mg/l	1	1	100	51	51	10	10	-	0	-	0
	Benzenesulfonic acid	mg/l	1	1	100	140	140	10	10	-	0	-	0
	Diethyl phosphorodithioic acid	mg/l	1	1	100	200	200	10	10	-	0	-	0
	Dimethyl phosphorodithioic acid	mg/l	1	1	100	16	16	2.5	2.5	-	0	-	0
	Phthalic acid	mg/l	1	1	100	1.9	1.9	0.5	0.5	-	0	-	0
Northern Landfill Lobe	4-Chlorobenzenesulfonic acid	mg/l	8	7	88	0.062	21	0.05	1	-	0	-	0
	Benzenesulfonic acid	mg/l	8	3	38	0.31	3.1	0.05	0.05	-	0	-	0
	Diethyl phosphorodithioic acid	mg/l	8	3	38	0.14	13	0.05	0.5	-	0	-	0
	Dimethyl phosphorodithioic acid	mg/l	8	2	25	0.72	1.6	0.25	0.25	-	0	-	0
	Phthalic acid	mg/l	7	0	0			0.05	0.05	-	0	-	0
	Phthalic acid	ug/l	1	0	0			1000	1000	-	0	-	0
Slit Trench Area	4-Chlorobenzenesulfonic acid	mg/l	4	4	100	5.3	81	0.25	25	-	0	-	0
	Benzenesulfonic acid	mg/l	4	3	75	0.053	0.25	0.05	0.05	-	0	-	0
	Diethyl phosphorodithioic acid	mg/l	4	1	25	0.081	0.081	0.05	0.05	-	0	-	0
	Dimethyl phosphorodithioic acid	mg/l	4	3	75	0.74	0.85	0.25	0.25	-	0	-	0
	Phthalic acid	mg/l	4	2	50	0.081	0.55	0.05	0.05	-	0	-	0
	Phthalic acid	mg/l	3	0	0			0.05	0.05	-	0	-	0
Southern Lobe of the Borrow Area	4-Chlorobenzenesulfonic acid	mg/l	3	2	67	0.077	0.088	0.05	0.05	-	0	-	0
	Benzenesulfonic acid	mg/l	3	2	67	0.11	0.13	0.05	0.05	-	0	-	0
	Diethyl phosphorodithioic acid	mg/l	3	0	0			0.05	0.05	-	0	-	0
	Dimethyl phosphorodithioic acid	mg/l	3	0	0			0.25	0.25	-	0	-	0
	Phthalic acid	mg/l	3	0	0			0.05	0.05	-	0	-	0
Organochlorine Pesticides													
Eastern W. Ditch Area	4,4-DDD	ug/l	1	1	100	0.83	0.83	0.05	0.05	-	0	0.28	0
	4,4-DDT	ug/l	1	1	100	26	26	0.5	0.5	-	0	0.2	1
	alpha-BHC	ug/l	1	1	100	4.7	4.7	0.5	0.5	-	0	0.02	1
	delta-BHC	ug/l	1	1	100	0.27	0.27	0.05	0.05	-	0	-	0
Northern Landfill Lobe	2,4-DDD	ug/l	8	2	25	0.17	0.23	0.05	0.05	-	0	0.28	0
	2,4-DDE	ug/l	8	2	25	0.34	0.36	0.05	0.05	-	0	0.2	2
	4,4-DDD	ug/l	8	0	0			0.05	0.05	-	0	0.28	0
	4,4-DDE	ug/l	8	0	0			0.05	0.05	-	0	0.2	0
	4,4-DDT	ug/l	8	0	0			0.05	0.05	-	0	0.2	0
	Aldrin	ug/l	8	0	0			0.05	0.05	-	0	0.004	0
	alpha-BHC	ug/l	8	8	100	0.086	180	0.05	10	-	0	0.02	8
	alpha-Chlordane	ug/l	8	1	13	0.098	0.098	0.05	0.05	-	0	0.19	0
	beta-BHC	ug/l	8	6	75	0.4	50	0.05	2.5	-	0	0.037	6
	Chlordane	ug/l	8	0	0			0.5	0.5	2	0	0.19	0
	delta-BHC	ug/l	8	8	100	0.12	4.3	0.05	0.5	-	0	-	0
	Dieldrin	ug/l	8	0	0			0.05	0.05	-	0	0.0042	0
	Endosulfan I	ug/l	8	1	13	0.21	0.21	0.05	0.05	-	0	220	0
	Endosulfan II	ug/l	8	0	0			0.05	0.05	-	0	220	0
	Endosulfan sulfate	ug/l	8	0	0			0.05	0.05	-	0	-	0
	Endrin	ug/l	8	0	0			0.05	0.05	2	0	11	0
	Endrin aldehyde	ug/l	8	1	13	0.1	0.1	0.05	0.05	-	0	-	0
	Endrin ketone	ug/l	8	0	0			0.05	0.05	-	0	-	0
	gamma-Chlordane	ug/l	8	1	13	0.06	0.06	0.05	0.05	-	0	0.19	0
	Heptachlor	ug/l	8	1	13	1.2	1.2	0.05	0.05	0.4	1	0.015	0
	Heptachlor epoxide	ug/l	8	0	0			0.05	0.05	0.2	0	0.0074	0
	Lindane	ug/l	8	4	50	0.12	4.7	0.05	0.5	0.2	3	0.052	4
	Methoxychlor	ug/l	8	0	0			0.1	0.1	40	0	180	0
	Toxaphene	ug/l	8	0	0			2	2	3	0	0.061	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Slit Trench Area	2,4-DDD	ug/l	3	2	67	0.96	69	0.05	5	-	0	0.28	2
	2,4-DDE	ug/l	4	3	75	0.058	560	0.05	100	-	0	0.2	2
	4,4-DDD	ug/l	3	2	67	0.06	19	0.05	5	-	0	0.28	1
	4,4-DDE	ug/l	3	1	33	260	260	0.05	100	-	0	0.2	1
	4,4-DDT	ug/l	3	1	33	1200	1200	0.05	100	-	0	0.2	1
	Aldrin	ug/l	3	0	0			0.05	5	-	0	0.004	0
	alpha-BHC	ug/l	3	3	100	7.9	4400	0.5	400	-	0	0.02	3
	alpha-Chlordane	ug/l	3	1	33	8.2	8.2	0.05	5	-	0	0.19	1
	beta-BHC	ug/l	3	2	67	72	1500	0.05	400	-	0	0.037	6
	Chlordane	ug/l	3	0	0			0.5	50	2	0	0.19	0
	delta-BHC	ug/l	4	4	100	6.1	39	0.5	5	-	0	-	0
	Dieldrin	ug/l	3	2	67	0.51	260	0.05	100	-	0	0.0042	2
	Endosulfan I	ug/l	3	0	0			0.05	5	-	0	220	0
	Endosulfan II	ug/l	3	0	0			0.05	5	-	0	220	0
	Endosulfan sulfate	ug/l	3	0	0			0.05	5	-	0	-	0
	Endrin	ug/l	3	0	0			0.05	5	2	0	11	0
	Endrin aldehyde	ug/l	3	1	33	0.2	0.2	0.05	5	-	0	-	0
	Endrin ketone	ug/l	3	0	0			0.05	5	-	0	-	0
	gamma-Chlordane	ug/l	3	0	0			0.05	5	-	0	0.19	0
	Heptachlor	ug/l	3	0	0			0.05	5	0.4	0	0.015	0
	Heptachlor epoxide	ug/l	3	0	0			0.05	5	0.2	0	0.0074	0
	Lindane	ug/l	3	3	100	10	580	0.5	100	0.2	3	0.052	3
	Methoxychlor	ug/l	3	0	0			0.1	10	40	0	180	0
	Toxaphene	ug/l	3	0	0			2	200	3	0	0.061	0
Southern Lobe of the Borrow Area	2,4-DDD	ug/l	3	0	0			0.05	0.05	-	0	0.28	0
	2,4-DDE	ug/l	3	1	33	0.064	0.064	0.05	0.05	-	0	0.2	0
	4,4-DDD	ug/l	3	0	0			0.05	0.05	-	0	0.28	0
	4,4-DDE	ug/l	3	0	0			0.05	0.05	-	0	0.2	0
	4,4-DDT	ug/l	3	1	33	0.09	0.09	0.05	0.05	-	0	0.2	0
	Aldrin	ug/l	3	0	0			0.05	0.05	-	0	0.004	0
	alpha-BHC	ug/l	3	3	100	0.13	0.24	0.05	0.05	-	0	0.02	3
	alpha-Chlordane	ug/l	3	0	0			0.05	0.05	-	0	0.19	0
	beta-BHC	ug/l	3	3	100	0.22	0.33	0.05	0.05	-	0	0.037	3
	Chlordane	ug/l	3	0	0			0.5	0.5	2	0	0.19	0
	delta-BHC	ug/l	3	0	0			0.05	0.05	-	0	-	0
	Dieldrin	ug/l	3	0	0			0.05	0.05	-	0	0.0042	0
	Endosulfan I	ug/l	3	0	0			0.05	0.05	-	0	220	0
	Endosulfan II	ug/l	3	0	0			0.05	0.05	-	0	220	0
	Endosulfan sulfate	ug/l	3	0	0			0.05	0.05	-	0	-	0
	Endrin	ug/l	3	0	0			0.05	0.05	2	0	11	0
	Endrin aldehyde	ug/l	3	0	0			0.05	0.05	-	0	-	0
	Endrin ketone	ug/l	3	0	0			0.05	0.05	-	0	-	0
	gamma-Chlordane	ug/l	3	0	0			0.05	0.05	-	0	0.19	0
	Heptachlor	ug/l	3	0	0			0.05	0.05	0.4	0	0.015	0
	Heptachlor epoxide	ug/l	3	0	0			0.05	0.05	0.2	0	0.0074	0
	Lindane	ug/l	3	2	67	0.053	0.091	0.05	0.05	0.2	0	0.052	2
	Methoxychlor	ug/l	3	0	0			0.1	0.1	40	0	180	0
	Toxaphene	ug/l	3	0	0			2	2	3	0	0.061	0
Organophosphate Pesticides													
Eastern W. Ditch Area	Azinphos-ethyl	ug/l	1	0	0			3	3	-	0	-	0
	Azinphos-methyl	ug/l	1	0	0			12	12	-	0	-	0
	Carbophenothion	ug/l	1	1	100	40	40	3	3	-	0	-	0
	Carbophenothion-methyl	ug/l	1	0	0			4	4	-	0	-	0
	Chlorpyrifos	ug/l	1	0	0			2.5	2.5	-	0	110	0
	Coumaphos	ug/l	1	0	0			2.5	2.5	-	0	-	0
	Demeton-O	ug/l	1	0	0			5	5	-	0	-	0
	Demeton-S	ug/l	1	0	0			5	5	-	0	-	0
	Diazinon	ug/l	1	0	0			2.5	2.5	-	0	33	0
	Dichlorvos	ug/l	1	0	0			2.5	2.5	-	0	0.23	0
	Dimethoate	ug/l	1	0	0			2.5	2.5	-	0	-	0
	Disulfoton	ug/l	1	0	0			2.5	2.5	-	0	2	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Eastern W. Ditch Area (continued)	Ethoprophos	ug/l	1	0	0			2.5	2.5	-	0	-	0
	Ethyl p-nitrophenyl phenylphosphorothioate	ug/l	1	0	0			2.5	2.5	-	0	-	0
	Famphur	ug/l	1	0	0			5	5	-	0	-	0
	Fenthion	ug/l	1	0	0			12	12	-	0	-	0
	Malathion	ug/l	1	0	0			6	6	-	0	730	0
	Methyl parathion	ug/l	1	0	0			5	5	-	0	9.1	0
	Mevinphos	ug/l	1	0	0			31	31	-	0	-	0
	Naled	ug/l	1	0	0			50	50	-	0	73	0
	O,O,O-Triethyl phosphorothioate	ug/l	1	1	100	30	30	2.5	2.5	-	0	-	0
	Parathion	ug/l	1	0	0			2.5	2.5	-	0	220	0
	Phorate	ug/l	1	0	0			6	6	-	0	-	0
	Phosmet	ug/l	1	0	0			6	6	-	0	-	0
	Ronnel	ug/l	1	0	0			50	50	-	0	1800	0
	Sulfotep	ug/l	1	0	0			2.5	2.5	-	0	-	0
	Tetrachlorvinphos (Stiropfos)	ug/l	1	0	0			12	12	-	0	2.8	0
Northern Landfill Lobe	Azinphos-ethyl	ug/l	8	0	0			0.6	0.6	-	0	-	0
	Azinphos-methyl	ug/l	8	0	0			2.5	2.5	-	0	-	0
	Carbophenothion	ug/l	8	0	0			0.6	0.6	-	0	-	0
	Carbophenothion-methyl	ug/l	8	0	0			0.8	0.8	-	0	-	0
	Chlorpyrifos	ug/l	8	0	0			0.5	0.5	-	0	110	0
	Coumaphos	ug/l	8	0	0			0.5	0.5	-	0	-	0
	Demeton-O	ug/l	8	0	0			1	1	-	0	-	0
	Demeton-S	ug/l	8	0	0			1	1	-	0	-	0
	Diazinon	ug/l	8	0	0			0.5	0.5	-	0	33	0
	Dichlorvos	ug/l	8	0	0			0.5	0.5	-	0	0.23	0
	Dimethoate	ug/l	8	0	0			0.5	0.5	-	0	-	0
	Disulfoton	ug/l	8	0	0			0.5	0.5	-	0	2	0
	Ethoprophos	ug/l	8	0	0			0.5	0.5	-	0	-	0
	Ethyl p-nitrophenyl phenylphosphorothioate	ug/l	8	0	0			0.5	0.5	-	0	-	0
	Famphur	ug/l	8	0	0			1	1	-	0	-	0
	Fenthion	ug/l	8	0	0			2.5	2.5	-	0	-	0
	Malathion	ug/l	8	0	0			1.2	1.2	-	0	730	0
	Methyl parathion	ug/l	8	0	0			1	1	-	0	9.1	0
	Mevinphos	ug/l	8	0	0			6.2	6.2	-	0	-	0
	Naled	ug/l	8	0	0			10	10	-	0	73	0
	O,O,O-Triethyl phosphorothioate	ug/l	8	4	50	0.63	8.2	0.5	0.5	-	0	-	0
	Parathion	ug/l	8	0	0			0.5	0.5	-	0	220	0
	Phorate	ug/l	8	0	0			1.2	1.2	-	0	-	0
	Phosmet	ug/l	8	0	0			1.2	1.2	-	0	-	0
	Ronnel	ug/l	8	0	0			10	10	-	0	1800	0
	Sulfotep	ug/l	8	0	0			0.5	0.5	-	0	-	0
	Tetrachlorvinphos (Stiropfos)	ug/l	8	0	0			2.5	2.5	-	0	2.8	0
Slit Trench Area	Azinphos-ethyl	ug/l	4	0	0			0.6	60	-	0	-	0
	Azinphos-methyl	ug/l	4	0	0			2.5	250	-	0	-	0
	Carbophenothion	ug/l	4	1	25	800	800	0.6	60	-	0	-	0
	Carbophenothion-methyl	ug/l	4	1	25	29	29	0.8	80	-	0	-	0
	Chlorpyrifos	ug/l	4	0	0			0.5	50	-	0	110	0
	Coumaphos	ug/l	4	0	0			0.5	50	-	0	-	0
	Demeton-O	ug/l	4	0	0			1	100	-	0	-	0
	Demeton-S	ug/l	4	0	0			1	100	-	0	-	0
	Diazinon	ug/l	4	0	0			0.5	50	-	0	33	0
	Dichlorvos	ug/l	4	0	0			0.5	50	-	0	0.23	0
	Dimethoate	ug/l	4	0	0			0.5	50	-	0	-	0
	Disulfoton	ug/l	4	0	0			0.5	50	-	0	2	0
	Ethoprophos	ug/l	4	0	0			0.5	50	-	0	-	0
	Ethyl p-nitrophenyl phenylphosphorothioate	ug/l	4	0	0			0.5	50	-	0	-	0
	Famphur	ug/l	4	0	0			1	100	-	0	-	0
	Fenthion	ug/l	4	0	0			2.5	250	-	0	-	0
	Malathion	ug/l	4	0	0			1.2	120	-	0	730	0
	Methyl parathion	ug/l	4	0	0			1	100	-	0	9.1	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
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Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Slit Trench Area (continued)	Mevinphos	ug/l	4	0	0			6.2	620	-	0	-	0
	Naled	ug/l	4	0	0			10	1000	-	0	73	0
	O,O,O-Triethyl phosphorothioate	ug/l	4	1	25	0.71	0.71	0.5	50	-	0	-	0
	Parathion	ug/l	4	0	0			0.5	50	-	0	220	0
	Phorate	ug/l	4	1	25	0.51	0.51	1.2	120	-	0	-	0
	Phosmet	ug/l	4	0	0			1.2	120	-	0	-	0
	Ronnel	ug/l	4	0	0			10	1000	-	0	1800	0
	Sulfotep	ug/l	4	0	0			0.5	50	-	0	-	0
Southern Lobe of the Borrow Area	Tetrachlorvinphos (Stirophos)	ug/l	4	0	0			2.5	250	-	0	2.8	0
	Azinphos-ethyl	ug/l	3	0	0			0.6	0.6	-	0	-	0
	Azinphos-methyl	ug/l	3	0	0			2.5	2.5	-	0	-	0
	Carbophenothion	ug/l	3	0	0			0.6	0.6	-	0	-	0
	Carbophenothion-methyl	ug/l	3	0	0			0.8	0.8	-	0	-	0
	Chlorpyrifos	ug/l	3	0	0			0.5	0.5	-	0	110	0
	Coumaphos	ug/l	3	0	0			0.5	0.5	-	0	-	0
	Demeton-O	ug/l	3	0	0			1	1	-	0	-	0
	Demeton-S	ug/l	3	0	0			1	1	-	0	-	0
	Diazinon	ug/l	3	0	0			0.5	0.5	-	0	33	0
	Dichlorvos	ug/l	3	0	0			0.5	0.5	-	0	0.23	0
	Dimethoate	ug/l	3	0	0			0.5	0.5	-	0	-	0
	Disulfoton	ug/l	3	0	0			0.5	0.5	-	0	2	0
	Ethoprophos	ug/l	3	0	0			0.5	0.5	-	0	-	0
	Ethyl p-nitrophenyl phenylphosphorothioate	ug/l	3	0	0			0.5	0.5	-	0	-	0
	Famphur	ug/l	3	0	0			1	1	-	0	-	0
	Fenthion	ug/l	3	0	0			2.5	2.5	-	0	-	0
	Malathion	ug/l	3	0	0			1.2	1.2	-	0	730	0
	Methyl parathion	ug/l	3	0	0			1	1	-	0	9.1	0
	Mevinphos	ug/l	3	0	0			6.2	6.2	-	0	-	0
	Naled	ug/l	3	0	0			10	10	-	0	73	0
	O,O,O-Triethyl phosphorothioate	ug/l	3	0	0			0.5	0.5	-	0	-	0
	Parathion	ug/l	3	0	0			0.5	0.5	-	0	220	0
	Phorate	ug/l	3	0	0			1.2	1.2	-	0	-	0
	Phosmet	ug/l	3	0	0			1.2	1.2	-	0	-	0
	Ronnel	ug/l	3	0	0			10	10	-	0	1800	0
	Sulfotep	ug/l	3	0	0			0.5	0.5	-	0	-	0
	Tetrachlorvinphos (Stirophos)	ug/l	3	0	0			2.5	2.5	-	0	2.8	0
Polychlorinated Biphenyls													
Eastern W. Ditch Area	Aroclor 1016	ug/l	1	0	0			20	20	0.5	0	0.960	0
	Aroclor 1221	ug/l	1	0	0			20	20	0.5	0	0.034	0
	Aroclor 1232	ug/l	1	0	0			20	20	0.5	0	0.034	0
	Aroclor 1242	ug/l	1	0	0			20	20	0.5	0	0.034	0
	Aroclor 1248	ug/l	1	0	0			20	20	0.5	0	0.034	0
	Aroclor 1254	ug/l	1	0	0			20	20	0.5	0	0.034	0
	Aroclor 1260	ug/l	1	0	0			20	20	0.5	0	0.034	0
	PCB 105 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 114 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 118 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 123 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 126 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 156 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 157 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 167 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 169 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 189 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
	PCB 77 (BZ)	pg/l	1	0	0			20000	20000	-	0	-	0
	PCB 81 (BZ)	pg/l	1	0	0			2000	2000	-	0	-	0
Northern Landfill Lobe	Aroclor 1016	ug/l	8	0	0			4	10	0.5	0	0.96	0
	Aroclor 1221	ug/l	8	0	0			4	10	0.5	0	0.034	0
	Aroclor 1232	ug/l	8	0	0			4	10	0.5	0	0.034	0
	Aroclor 1242	ug/l	8	0	0			4	10	0.5	0	0.034	0
	Aroclor 1248	ug/l	8	0	0			4	10	0.5	0	0.034	0

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CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Northern Landfill Lobe (continued)	Aroclor 1254	ug/l	8	0	0			4	10	0.5	0	0.034	0
	Aroclor 1260	ug/l	8	0	0			4	10	0.5	0	0.034	0
	PCB 105 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 114 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 118 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 123 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 126 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 156 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 157 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 167 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 169 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 189 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 77 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
	PCB 81 (BZ)	pg/l	8	0	0			20	100	-	0	-	0
Slit Trench Area	Aroclor 1016	ug/l	4	0	0			1	1000	0.5	0	0.96	0
	Aroclor 1221	ug/l	4	0	0			1	1000	0.5	0	0.034	0
	Aroclor 1232	ug/l	4	0	0			1	1000	0.5	0	0.034	0
	Aroclor 1242	ug/l	4	0	0			1	1000	0.5	0	0.034	0
	Aroclor 1248	ug/l	4	0	0			1	1000	0.5	0	0.034	0
	Aroclor 1254	ug/l	4	0	0			1	1000	0.5	0	0.034	0
	Aroclor 1260	ug/l	4	0	0			1	1000	0.5	0	0.034	0
	PCB 105 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 114 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 118 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 123 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 126 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 156 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 157 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 167 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 169 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 189 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 77 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
	PCB 81 (BZ)	pg/l	4	0	0			20	2000	-	0	-	0
Southern Lobe of the Borrow Area	Aroclor 1016	ug/l	3	0	0			4	4	0.5	0	0.96	0
	Aroclor 1221	ug/l	3	0	0			4	4	0.5	0	0.034	0
	Aroclor 1232	ug/l	3	0	0			4	4	0.5	0	0.034	0
	Aroclor 1242	ug/l	3	0	0			4	4	0.5	0	0.034	0
	Aroclor 1248	ug/l	3	0	0			4	4	0.5	0	0.034	0
	Aroclor 1254	ug/l	3	0	0			4	4	0.5	0	0.034	0
	Aroclor 1260	ug/l	3	0	0			4	4	0.5	0	0.034	0
	PCB 105 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 114 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 118 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 123 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 126 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 156 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 157 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 167 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 169 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 189 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 77 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
	PCB 81 (BZ)	pg/l	3	0	0			20	20	-	0	-	0
Radiochemicals													
Eastern W. Ditch Area	ALPHA activity	pci/l ^l	1	0	0			3	3	15	0	-	0
	BETA activity	pci/l	1	0	0			4	4	50	0	-	0
	Radium-226	pci/l	1	1	100	0.567	0.567	1	1	5	0	0.12	1
	Radium-228	pci/l	1	1	100	0.749	0.749	0.544	0.544	5	0	0.46	1
	Thorium-228	pci/l	1	0	0			1	1	-	0	0.16	0
	Thorium-230	pci/l	1	0	0			1	1	-	0	0.52	0
	Thorium-232	pci/l	1	0	0			1	1	-	0	0.47	0

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Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Eastern W. Ditch Area (continued)	Uranium-233/234	pci/l	1	0	0			1	1	-	0	0.66	0
	Uranium-235/236	pci/l	1	0	0			0.1	0.1	-	0	0.66	0
	Uranium-238	pci/l	1	0	0			1	1	-	0	0.55	0
Northern Landfill Lobe	ALPHA activity	pci/l	8	2	25	39.4	44.2	3	3	15	2	-	0
	BETA activity	pci/l	8	6	75	16.5	49.7	4	4	50	0	-	0
	Radium-226	pci/l	8	6	75	0.12	0.659	1	1	5	0	0.12	7
	Radium-228	pci/l	8	5	63	0.702	1.14	0.547	3	5	0	0.46	5
	Thorium-228	pci/l	8	0	0			1	1	-	0	0.16	0
	Thorium-230	pci/l	8	1	13	0.416	0.416	1	1	-	0	0.52	0
	Thorium-232	pci/l	8	0	0			1	1	-	0	0.47	0
	Uranium-233/234	pci/l	8	8	100	0.665	29.5	1	1	-	0	0.66	7
	Uranium-235/236	pci/l	8	4	50	0.308	0.736	0.1	0.1	-	0	0.66	1
	Uranium-238	pci/l	8	8	100	0.744	19.5	1	1	-	0	0.55	8
Slit Trench Area	ALPHA activity	pci/l	3	1	33	141	141	3	3	15	1	-	0
	BETA activity	pci/l	4	2	50	79	229	4	4	50	2	-	0
	Radium-226	pci/l	3	1	33	0.742	0.742	1	1	5	0	0.12	0
	Radium-228	pci/l	3	2	67	0.907	1.57	0.467	3	5	0	0.46	2
	Thorium-228	pci/l	4	0	0			1	1	-	0	0.16	0
	Thorium-230	pci/l	4	0	0			1	1	-	0	0.52	0
	Thorium-232	pci/l	4	0	0			1	1	-	0	0.47	0
	Uranium-233/234	pci/l	4	4	100	0.922	123	1	1	-	0	0.66	4
	Uranium-235/236	pci/l	4	2	50	0.431	3.05	0.1	0.1	-	0	0.66	1
	Uranium-238	pci/l	4	4	100	0.371	84.3	1	1	-	0	0.55	2
Southern Lobe of the Borrow Area	ALPHA activity	pci/l	3	0	0			3	3	15	0	-	0
	BETA activity	pci/l	3	3	100	17.5	33.6	4	4	50	0	-	0
	Radium-226	pci/l	3	2	67	0.168	0.221	1	1	5	0	0.12	2
	Radium-228	pci/l	3	0	0			3	3	5	0	0.46	0
	Thorium-228	pci/l	3	0	0			1	1	-	0	0.16	0
	Thorium-230	pci/l	3	0	0			1	1	-	0	0.52	0
	Thorium-232	pci/l	3	0	0			1	1	-	0	0.47	0
	Uranium-233/234	pci/l	3	3	100	3.51	4.39	1	1	-	0	0.66	3
	Uranium-235/236	pci/l	3	1	33	0.151	0.151	0.1	0.1	-	0	0.66	0
	Uranium-238	pci/l	3	3	100	2.2	2.25	1	1	-	0	0.55	3
Semi-volatile Organic Compounds													
Eastern W. Ditch Area	1,2,4,5-Tetrachlorobenzene	ug/l	1	0	0			10	10	-	0	11	0
	1,2-Diphenylhydrazine	ug/l	1	0	0			10	10	-	0	0.08	0
	1,4-Dioxane	ug/l	1	0	0			10	10	-	0	6	0
	1-Nonanal	ug/l	1	0	0			250	250	-	0	asdf	0
	2,2'-/4,4'-Dichlorobenzil	ug/l	1	0	0			10	10	-	0	-	0
	2,4,5-Trichlorophenol	ug/l	1	0	0			10	10	-	0	3700	0
	2,4,6-Trichlorophenol	ug/l	1	0	0			10	10	-	0	6.1	0
	2,4-Dichlorophenol	ug/l	1	0	0			10	10	-	0	110	0
	2,4-Dimethylphenol	ug/l	1	0	0			10	10	-	0	730	0
	2,4-Dinitrophenol	ug/l	1	0	0			50	50	-	0	73	0
	2,4-Dinitrotoluene	ug/l	1	0	0			10	10	-	0	73	0
	2,6-Dinitrotoluene	ug/l	1	0	0			10	10	-	0	37	0
	2-Chloronaphthalene	ug/l	1	0	0			10	10	-	0	490	0
	2-Chlorophenol	ug/l	1	0	0			10	10	-	0	30	0
	2-Methylnaphthalene	ug/l	1	0	0			10	10	-	0	-	0
	2-Nitroaniline	ug/l	1	0	0			10	10	-	0	110	0
	2-Nitrophenol	ug/l	1	0	0			10	10	-	0	-	0
	3,3'-Dichlorobenzidine	ug/l	1	0	0			50	50	-	0	0.15	0
	3-Methylphenol & 4-Methylphenol	ug/l	1	0	0			20	20	-	0	180	0
	3-Nitroaniline	ug/l	1	0	0			10	10	-	0	-	0
	4-Bromophenyl phenyl ether	ug/l	1	0	0			10	10	-	0	-	0
	4-Chloro-3-Methylphenol	ug/l	1	0	0			10	10	-	0	-	0
	4-Chlorophenyl phenyl ether	ug/l	1	0	0			10	10	-	0	-	0
	4-Nitrophenol	ug/l	1	0	0			25	25	-	0	-	0
	Acenaphthene	ug/l	1	0	0			10	10	-	0	370	0
	Acenaphthylene	ug/l	1	0	0			10	10	-	0	-	0
	Acetophenone	ug/l	1	0	0			10	10	-	0	610	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Eastern W. Ditch Area (continued)	Aniline	ug/l	1	0	0			10	10	-	0	12	0
	Anthracene	ug/l	1	0	0			10	10	-	0	1800	0
	Azobenzene	ug/l	1	0	0			10	10	-	0	0.61	0
	Benzenethiol	ug/l	1	1	100	110	110	10	10	-	0	-	0
	Benzo(a)anthracene	ug/l	1	0	0			10	10	-	0	0.03	0
	Benzo(a)pyrene	ug/l	1	0	0			10	10	0.2	0	0.003	0
	Benzo(b)fluoranthene	ug/l	1	0	0			10	10	-	0	0.029	0
	Benzo(g,h,i)perylene	ug/l	1	0	0			10	10	-	0	-	0
	Benzo(k)fluoranthene	ug/l	1	0	0			10	10	-	0	0.29	0
	Benzoic acid	ug/l	1	0	0			50	50	-	0	150000	0
	Benzyl alcohol	ug/l	1	0	0			10	10	-	0	11000	0
	Benzyl butyl phthalate	ug/l	1	0	0			10	10	-	0	7300	0
	bis(2-Chloroethoxy) methane	ug/l	1	0	0			10	10	-	0	-	0
	bis(2-Chloroethyl) ether	ug/l	1	0	0			10	10	-	0	0.0098	0
	bis(2-Chloroisopropyl) ether	ug/l	1	0	0			10	10	-	0	0.27	0
	bis(2-Ethylhexyl) phthalate	ug/l	1	0	0			10	10	6	0	4.8	0
	bis(p-Chlorophenyl) disulfide	ug/l	1	1	100	590	590	50	50	-	0	-	0
	bis(p-Chlorophenyl) sulfone	ug/l	1	1	100	6	6	10	10	-	0	-	0
	Carbazole	ug/l	1	0	0			10	10	-	0	3.4	0
	Chrysene	ug/l	1	0	0			10	10	-	0	2.9	0
	Dibenzo(a,h)anthracene	ug/l	1	0	0			10	10	-	0	0.0029	0
	Dibenzofuran	ug/l	1	0	0			10	10	-	0	12	0
	Dibutyl phthalate	ug/l	1	0	0			10	10	-	0	3700	0
	Diethyl phthalate	ug/l	1	0	0			10	10	-	0	29000	0
	Dimethyl phthalate	ug/l	1	0	0			10	10	-	0	370000	0
	Di-n-octyl phthalate	ug/l	1	0	0			10	10	-	0	-	0
	Diphenyl sulfone	ug/l	1	0	0			10	10	-	0	110	0
	Fluoranthene	ug/l	1	0	0			10	10	-	0	1500	0
	Fluorene	ug/l	1	0	0			10	10	-	0	240	0
	Hexachlorobenzene	ug/l	1	0	0			10	10	1	0	0.042	0
	Hexachlorocyclopentadiene	ug/l	1	0	0			10	10	50	0	220	0
	Hydroxymethyl phthalimide	ug/l	1	0	0			10	10	-	0	-	0
	Indeno(1,2,3-cd)pyrene	ug/l	1	0	0			10	10	-	0	0.029	0
	Isophorone	ug/l	1	0	0			10	10	-	0	71	0
	Naphthalene	ug/l	1	0	0			10	10	-	0	6.2	0
	Nitrobenzene	ug/l	1	0	0			10	10	-	0	3.4	0
	N-nitrosodi-n-propylamine	ug/l	1	0	0			10	10	-	0	0.0096	0
	N-nitrosodiphenylamine	ug/l	1	0	0			10	10	-	0	14	0
	o-Cresol	ug/l	1	0	0			10	10	-	0	1800	0
	Octachlorostyrene	ug/l	1	0	0			10	10	-	0	-	0
	p-Chloroaniline	ug/l	1	0	0			10	10	-	0	150	0
	p-Chlorothiophenol	ug/l	1	1	100	3000	3000	10	10	-	0	-	0
	Pentachlorobenzene	ug/l	1	0	0			10	10	-	0	29	0
	Pentachlorophenol	ug/l	1	0	0			50	50	1	0	0.56	0
	Phenanthrene	ug/l	1	0	0			10	10	-	0	-	0
	Phenol	ug/l	1	0	0			10	10	-	0	11000	0
	Phenyl Disulfide	ug/l	1	0	0			10	10	-	0	-	0
	Phenyl Sulfide	ug/l	1	0	0			10	10	-	0	-	0
	p-Nitroaniline	ug/l	1	0	0			10	10	-	0	-	0
	Pyrene	ug/l	1	0	0			10	10	-	0	180	0
	Pyridine	ug/l	1	0	0			20	20	-	0	37	0
Northern Landfill Lobe	1,2,4,5-Tetrachlorobenzene	ug/l	8	0	0			10	10	-	0	11	0
	1,2-Diphenylhydrazine	ug/l	8	0	0			10	10	-	0	0.08	0
	1,4-Dioxane	ug/l	8	1	13	6.5	6.5	10	10	-	0	6	1
	1-Nonanal	ug/l	8	0	0			5	5	-	0	asdf	0
	2,2'-/4,4'-Dichlorobenzil	ug/l	8	0	0			9.5	13	-	0	-	0
	2,4,5-Trichlorophenol	ug/l	8	2	25	2.4	2.7	10	10	-	0	3700	0
	2,4,6-Trichlorophenol	ug/l	8	1	13	5.8	5.8	10	10	-	0	6.1	0
	2,4-Dichlorophenol	ug/l	8	3	38	1.5	21	10	10	-	0	110	0
	2,4-Dimethylphenol	ug/l	8	0	0			10	10	-	0	730	0
	2,4-Dinitrophenol	ug/l	8	0	0			50	50	-	0	73	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Northern Landfill Lobe (continued)	2,4-Dinitrotoluene	ug/l	8	0	0			10	10	-	0	73	0
	2,6-Dinitrotoluene	ug/l	8	0	0			10	10	-	0	37	0
	2-Chloronaphthalene	ug/l	8	0	0			10	10	-	0	490	0
	2-Chlorophenol	ug/l	8	1	13	36	36	10	10	-	0	30	1
	2-Methylnaphthalene	ug/l	8	0	0			10	10	-	0	-	0
	2-Nitroaniline	ug/l	8	0	0			10	10	-	0	110	0
	2-Nitrophenol	ug/l	8	0	0			10	10	-	0	-	0
	3,3'-Dichlorobenzidine	ug/l	8	0	0			50	50	-	0	0.15	0
	3-Methylphenol & 4-Methylphenol	ug/l	8	0	0			10	20	-	0	180	0
	3-Nitroaniline	ug/l	8	0	0			10	10	-	0	-	0
	4-Bromophenyl phenyl ether	ug/l	8	0	0			10	10	-	0	-	0
	4-Chloro-3-Methylphenol	ug/l	8	0	0			10	10	-	0	-	0
	4-Chlorophenyl phenyl ether	ug/l	8	0	0			10	10	-	0	-	0
	4-Nitrophenol	ug/l	8	0	0			25	25	-	0	-	0
	Acenaphthene	ug/l	8	0	0			10	10	-	0	370	0
	Acenaphthylene	ug/l	8	0	0			10	10	-	0	-	0
	Acetophenone	ug/l	8	1	13	2.1	2.1	10	10	-	0	610	0
	Aniline	ug/l	8	0	0			10	10	-	0	12	0
	Anthracene	ug/l	8	0	0			10	10	-	0	1800	0
	Azobenzene	ug/l	8	0	0			10	10	-	0	0.61	0
	Benzenethiol	ug/l	8	2	25	6.3	8.2	10	10	-	0	-	0
	Benzo(a)anthracene	ug/l	8	0	0			10	10	-	0	0.03	0
	Benzo(a)pyrene	ug/l	8	0	0			10	10	0.2	0	0.003	0
	Benzo(b)fluoranthene	ug/l	8	0	0			10	10	-	0	0.029	0
	Benzo(g,h,i)perylene	ug/l	8	0	0			10	10	-	0	-	0
	Benzo(k)fluoranthene	ug/l	8	0	0			10	10	-	0	0.29	0
	Benzoic acid	ug/l	8	0	0			50	50	-	0	150000	0
	Benzyl alcohol	ug/l	8	0	0			10	10	-	0	11000	0
	Benzyl butyl phthalate	ug/l	8	0	0			10	10	-	0	7300	0
	bis(2-Chloroethoxy) methane	ug/l	8	0	0			10	10	-	0	-	0
	bis(2-Chloroethyl) ether	ug/l	8	0	0			10	10	-	0	0.0098	0
	bis(2-Chloroisopropyl) ether	ug/l	8	1	13	15	15	10	10	-	0	0.27	1
	bis(2-Ethylhexyl) phthalate	ug/l	8	0	0			10	10	6	0	4.8	0
	bis(p-Chlorophenyl) disulfide	ug/l	8	1	13	33	33	50	50	-	0	-	0
	bis(p-Chlorophenyl) sulfone	ug/l	8	0	0			10	10	-	0	-	0
	Carbazole	ug/l	8	0	0			10	10	-	0	3.4	0
	Chrysene	ug/l	8	0	0			10	10	-	0	2.9	0
	Dibenzo(a,h)anthracene	ug/l	8	0	0			10	10	-	0	0.0029	0
	Dibenzofuran	ug/l	8	0	0			10	10	-	0	12	0
	Dibutyl phthalate	ug/l	8	0	0			10	10	-	0	3700	0
	Diethyl phthalate	ug/l	8	0	0			10	10	-	0	29000	0
	Dimethyl phthalate	ug/l	8	0	0			10	10	-	0	370000	0
	Di-n-octyl phthalate	ug/l	8	0	0			10	10	-	0	-	0
	Diphenyl sulfone	ug/l	8	0	0			10	10	-	0	110	0
	Fluoranthene	ug/l	8	0	0			10	10	-	0	1500	0
	Fluorene	ug/l	8	0	0			10	10	-	0	240	0
	Hexachlorobenzene	ug/l	8	0	0			10	10	1	0	0.042	0
	Hexachlorocyclopentadiene	ug/l	8	0	0			10	10	50	0	220	0
	Hydroxymethyl phthalimide	ug/l	8	0	0			10	10	-	0	-	0
	Indeno(1,2,3-cd)pyrene	ug/l	8	0	0			10	10	-	0	0.029	0
	Isophorone	ug/l	8	0	0			10	10	-	0	71	0
	Naphthalene	ug/l	8	2	25	3.5	19	10	10	-	0	6.2	1
	Nitrobenzene	ug/l	8	0	0			10	10	-	0	3.4	0
	N-nitrosodi-n-propylamine	ug/l	8	0	0			10	10	-	0	0.0096	0
	N-nitrosodiphenylamine	ug/l	8	0	0			10	10	-	0	14	0
	o-Cresol	ug/l	8	0	0			10	10	-	0	1800	0
	Octachlorostyrene	ug/l	8	0	0			10	10	-	0	-	0
	p-Chloroaniline	ug/l	8	0	0			10	10	-	0	150	0
	p-Chlorothiophenol	ug/l	8	1	13	11	11	10	10	-	0	-	0
	Pentachlorobenzene	ug/l	8	0	0			10	10	-	0	29	0
	Pentachlorophenol	ug/l	8	1	13	6.6	6.6	50	50	1	1	0.56	1

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Northern Landfill Lobe (continued)	Phenanthrene	ug/l	8	0	0			10	10	-	0	-	0
	Phenol	ug/l	8	1	13	13	13	10	10	-	0	11000	0
	Phenyl Disulfide	ug/l	8	4	50	1.1	58	10	10	-	0	-	0
	Phenyl Sulfide	ug/l	8	0	0			10	10	-	0	-	0
	p-Nitroaniline	ug/l	8	0	0			10	10	-	0	-	0
	Pyrene	ug/l	8	0	0			10	10	-	0	180	0
	Pyridine	ug/l	8	0	0			20	20	-	0	37	0
Slit Trench Area	1,2,4,5-Tetrachlorobenzene	ug/l	4	2	50	1.8	13	10	10	-	0	11	1
	1,2-Diphenylhydrazine	ug/l	4	0	0			10	10	-	0	0.08	0
	1,4-Dioxane	ug/l	4	2	50	4.7	4.7	10	10	-	0	6	0
	1-Nonanal	ug/l	4	0	0			5	5	-	0	asdf	0
	2,2'-/4,4'-Dichlorobenzil	ug/l	4	1	25	180	180	9.5	94	-	0	-	0
	2,4,5-Trichlorophenol	ug/l	4	1	25	3.6	3.6	10	10	-	0	3700	0
	2,4,6-Trichlorophenol	ug/l	4	3	75	4.4	21	10	10	-	0	6.1	1
	2,4-Dichlorophenol	ug/l	4	4	100	11	32	10	10	-	0	110	0
	2,4-Dimethylphenol	ug/l	4	0	0			10	10	-	0	730	0
	2,4-Dinitrophenol	ug/l	4	0	0			50	50	-	0	73	0
	2,4-Dinitrotoluene	ug/l	4	0	0			10	10	-	0	73	0
	2,6-Dinitrotoluene	ug/l	4	0	0			10	10	-	0	37	0
	2-Chloronaphthalene	ug/l	4	0	0			10	10	-	0	490	0
	2-Chlorophenol	ug/l	4	4	100	3.9	79	10	10	-	0	30	1
	2-Methylnaphthalene	ug/l	4	0	0			10	10	-	0	-	0
	2-Nitroaniline	ug/l	4	0	0			10	10	-	0	110	0
	2-Nitrophenol	ug/l	4	0	0			10	10	-	0	-	0
	3,3'-Dichlorobenzidine	ug/l	4	0	0			50	50	-	0	0.15	0
	3-Methylphenol & 4-Methylphenol	ug/l	4	0	0			10	20	-	0	180	0
	3-Nitroaniline	ug/l	4	0	0			10	10	-	0	-	0
	4-Bromophenyl phenyl ether	ug/l	4	0	0			10	10	-	0	-	0
	4-Chloro-3-Methylphenol	ug/l	4	0	0			10	10	-	0	-	0
	4-Chlorophenyl phenyl ether	ug/l	4	0	0			10	10	-	0	-	0
	4-Nitrophenol	ug/l	4	0	0			25	25	-	0	-	0
	Acenaphthene	ug/l	4	0	0			10	10	-	0	370	0
	Acenaphthylene	ug/l	4	0	0			10	10	-	0	-	0
	Acetophenone	ug/l	4	0	0			10	10	-	0	610	0
	Aniline	ug/l	4	0	0			10	10	-	0	12	0
	Anthracene	ug/l	4	0	0			10	10	-	0	1800	0
	Azobenzene	ug/l	4	0	0			10	10	-	0	0.61	0
	Benzenethiol	ug/l	4	2	50	11	120	10	10	-	0	-	0
	Benzo(a)anthracene	ug/l	4	0	0			10	10	-	0	0.03	0
	Benzo(a)pyrene	ug/l	4	0	0			10	10	0.2	0	0.003	0
	Benzo(b)fluoranthene	ug/l	4	0	0			10	10	-	0	0.029	0
	Benzo(g,h,i)perylene	ug/l	4	0	0			10	10	-	0	-	0
	Benzo(k)fluoranthene	ug/l	4	0	0			10	10	-	0	0.29	0
	Benzoic acid	ug/l	4	0	0			50	50	-	0	150000	0
	Benzyl alcohol	ug/l	4	0	0			10	10	-	0	11000	0
	Benzyl butyl phthalate	ug/l	4	0	0			10	10	-	0	7300	0
	bis(2-Chloroethoxy) methane	ug/l	4	0	0			10	10	-	0	-	0
	bis(2-Chloroethyl) ether	ug/l	4	0	0			10	10	-	0	0.0098	0
	bis(2-Chloroisopropyl) ether	ug/l	4	0	0			10	10	-	0	0.27	0
	bis(2-Ethylhexyl) phthalate	ug/l	4	0	0			10	10	6	0	4.8	0
	bis(p-Chlorophenyl) disulfide	ug/l	4	2	50	53	880	50	50	-	0	-	0
	bis(p-Chlorophenyl) sulfone	ug/l	4	1	25	1.3	1.3	10	10	-	0	-	0
	Carbazole	ug/l	4	0	0			10	10	-	0	3.4	0
	Chrysene	ug/l	4	0	0			10	10	-	0	2.9	0
	Dibenzo(a,h)anthracene	ug/l	4	0	0			10	10	-	0	0.0029	0
	Dibenzofuran	ug/l	4	0	0			10	10	-	0	12	0
	Dibutyl phthalate	ug/l	4	0	0			10	10	-	0	3700	0
	Diethyl phthalate	ug/l	4	0	0			10	10	-	0	29000	0
	Dimethyl phthalate	ug/l	4	0	0			10	10	-	0	370000	0
	Di-n-octyl phthalate	ug/l	4	0	0			10	10	-	0	-	0
	Diphenyl sulfone	ug/l	4	0	0			10	10	-	0	110	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Slit Trench Area (continued)	Fluoranthene	ug/l	4	0	0			10	10	-	0	1500	0
	Fluorene	ug/l	4	0	0			10	10	-	0	240	0
	Hexachlorobenzene	ug/l	4	0	0			10	10	1	0	0.042	0
	Hexachlorocyclopentadiene	ug/l	4	0	0			10	10	50	0	220	0
	Hydroxymethyl phthalimide	ug/l	4	0	0			10	10	-	0	-	0
	Indeno(1,2,3-cd)pyrene	ug/l	4	0	0			10	10	-	0	0.029	0
	Isophorone	ug/l	4	0	0			10	10	-	0	71	0
	Naphthalene	ug/l	4	2	50	6	18	10	10	-	0	6.2	1
	Nitrobenzene	ug/l	4	0	0			10	10	-	0	3.4	0
	N-nitrosodi-n-propylamine	ug/l	4	0	0			10	10	-	0	0.0096	0
	N-nitrosodiphenylamine	ug/l	4	0	0			10	10	-	0	14	0
	o-Cresol	ug/l	4	0	0			10	10	-	0	1800	0
	Octachlorostyrene	ug/l	4	0	0			10	10	-	0	-	0
	p-Chloroaniline	ug/l	4	0	0			10	10	-	0	150	0
	p-Chlorothiophenol	ug/l	4	1	25	110	110	10	10	-	0	-	0
	Pentachlorobenzene	ug/l	4	1	25	3.6	3.6	10	10	-	0	29	0
	Pentachlorophenol	ug/l	4	0	0			50	50	1	0	0.56	0
	Phenanthrene	ug/l	4	0	0			10	10	-	0	-	0
	Phenol	ug/l	4	1	25	5.5	5.5	10	10	-	0	11000	0
	Phenyl Disulfide	ug/l	4	2	50	1600	15000	10	200	-	0	-	0
	Phenyl Sulfide	ug/l	4	1	25	26	26	10	10	-	0	-	0
	p-Nitroaniline	ug/l	4	1	25	7.9	7.9	10	10	-	0	-	0
	Pyrene	ug/l	4	0	0			10	10	-	0	180	0
	Pyridine	ug/l	4	0	0			20	20	-	0	37	0
Southern Lobe of the Borrow Area	1,2,4,5-Tetrachlorobenzene	ug/l	3	0	0			10	10	-	0	11	0
	1,2-Diphenylhydrazine	ug/l	3	0	0			10	10	-	0	0.08	0
	1,4-Dioxane	ug/l	3	0	0			10	10	-	0	6	0
	1-Nonanal	ug/l	3	0	0			5	5	-	0	asdf	0
	2,2'-/4,4'-Dichlorobenzil	ug/l	3	0	0			10	10	-	0	-	0
	2,4,5-Trichlorophenol	ug/l	1	0	0			10	10	-	0	3700	0
	2,4,6-Trichlorophenol	ug/l	1	0	0			10	10	-	0	6.1	0
	2,4-Dichlorophenol	ug/l	1	0	0			10	10	-	0	110	0
	2,4-Dimethylphenol	ug/l	1	0	0			10	10	-	0	730	0
	2,4-Dinitrophenol	ug/l	1	0	0			50	50	-	0	73	0
	2,4-Dinitrotoluene	ug/l	3	0	0			10	10	-	0	73	0
	2,6-Dinitrotoluene	ug/l	3	0	0			10	10	-	0	37	0
	2-Chloronaphthalene	ug/l	3	0	0			10	10	-	0	490	0
	2-Chlorophenol	ug/l	1	0	0			10	10	-	0	30	0
	2-Methylnaphthalene	ug/l	3	0	0			10	10	-	0	-	0
	2-Nitroaniline	ug/l	3	0	0			10	10	-	0	110	0
	2-Nitrophenol	ug/l	1	0	0			10	10	-	0	-	0
	3,3'-Dichlorobenzidine	ug/l	3	0	0			50	50	-	0	0.15	0
	3-Methylphenol & 4-Methylphenol	ug/l	1	0	0			10	10	-	0	180	0
	3-Nitroaniline	ug/l	3	0	0			10	10	-	0	-	0
	4-Bromophenyl phenyl ether	ug/l	3	0	0			10	10	-	0	-	0
	4-Chloro-3-Methylphenol	ug/l	1	0	0			10	10	-	0	-	0
	4-Chlorophenyl phenyl ether	ug/l	3	0	0			10	10	-	0	-	0
	4-Nitrophenol	ug/l	1	0	0			25	25	-	0	-	0
	Acenaphthene	ug/l	3	0	0			10	10	-	0	370	0
	Acenaphthylene	ug/l	3	0	0			10	10	-	0	-	0
	Acetophenone	ug/l	3	0	0			10	10	-	0	610	0
	Aniline	ug/l	3	0	0			10	10	-	0	12	0
	Anthracene	ug/l	3	0	0			10	10	-	0	1800	0
	Azobenzene	ug/l	3	0	0			10	10	-	0	0.61	0
	Benzenethiol	ug/l	1	0	0			10	10	-	0	-	0
	Benzo(a)anthracene	ug/l	3	0	0			10	10	-	0	0.03	0
	Benzo(a)pyrene	ug/l	3	0	0			10	10	0.2	0	0.003	0
	Benzo(b)fluoranthene	ug/l	3	0	0			10	10	-	0	0.029	0
	Benzo(g,h,i)perylene	ug/l	3	0	0			10	10	-	0	-	0
	Benzo(k)fluoranthene	ug/l	3	0	0			10	10	-	0	0.29	0
	Benzoic acid	ug/l	1	0	0			50	50	-	0	150000	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
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Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Southern Lobe of the Borrow Area (continued)	Benzyl alcohol	ug/l	3	0	0			10	10	-	0	11000	0
	Benzyl butyl phthalate	ug/l	3	0	0			10	10	-	0	7300	0
	bis(2-Chloroethoxy) methane	ug/l	3	0	0			10	10	-	0	-	0
	bis(2-Chloroethyl) ether	ug/l	3	0	0			10	10	-	0	0.0098	0
	bis(2-Chloroisopropyl) ether	ug/l	3	0	0			10	10	-	0	0.27	0
	bis(2-Ethylhexyl) phthalate	ug/l	3	0	0			10	10	6	0	4.8	0
	bis(p-Chlorophenyl) disulfide	ug/l	3	0	0			50	50	-	0	-	0
	bis(p-Chlorophenyl) sulfone	ug/l	3	0	0			10	10	-	0	-	0
	Carbazole	ug/l	3	0	0			10	10	-	0	3.4	0
	Chrysene	ug/l	3	0	0			10	10	-	0	2.9	0
	Dibenzo(a,h)anthracene	ug/l	3	0	0			10	10	-	0	0.0029	0
	Dibenzofuran	ug/l	3	0	0			10	10	-	0	12	0
	Dibutyl phthalate	ug/l	3	0	0			10	10	-	0	3700	0
	Diethyl phthalate	ug/l	3	0	0			10	10	-	0	29000	0
	Dimethyl phthalate	ug/l	3	0	0			10	10	-	0	370000	0
	Di-n-octyl phthalate	ug/l	3	0	0			10	10	-	0	-	0
	Diphenyl sulfone	ug/l	3	0	0			10	10	-	0	110	0
	Fluoranthene	ug/l	3	0	0			10	10	-	0	1500	0
	Fluorene	ug/l	3	0	0			10	10	-	0	240	0
	Hexachlorobenzene	ug/l	3	0	0			10	10	1	0	0.042	0
	Hexachlorocyclopentadiene	ug/l	3	0	0			10	10	50	0	220	0
	Hydroxymethyl phthalimide	ug/l	3	0	0			10	10	-	0	-	0
	Indeno(1,2,3-cd)pyrene	ug/l	3	0	0			10	10	-	0	0.029	0
	Isophorone	ug/l	3	0	0			10	10	-	0	71	0
	Naphthalene	ug/l	3	0	0			10	10	-	0	6.2	0
	Nitrobenzene	ug/l	3	0	0			10	10	-	0	3.4	0
	N-nitrosodi-n-propylamine	ug/l	3	0	0			10	10	-	0	0.0096	0
	N-nitrosodiphenylamine	ug/l	3	0	0			10	10	-	0	14	0
	o-Cresol	ug/l	1	0	0			10	10	-	0	1800	0
	Octachlorostyrene	ug/l	3	0	0			10	10	-	0	-	0
	p-Chloroaniline	ug/l	3	0	0			10	10	-	0	150	0
	p-Chlorothiophenol	ug/l	1	0	0			10	10	-	0	-	0
	Pentachlorobenzene	ug/l	3	0	0			10	10	-	0	29	0
	Pentachlorophenol	ug/l	1	0	0			50	50	1	0	0.56	0
	Phenanthrene	ug/l	3	0	0			10	10	-	0	-	0
	Phenol	ug/l	1	0	0			10	10	-	0	11000	0
	Phenyl Disulfide	ug/l	3	0	0			10	10	-	0	-	0
	Phenyl Sulfide	ug/l	3	0	0			10	10	-	0	-	0
	p-Nitroaniline	ug/l	3	0	0			10	10	-	0	-	0
	Pyrene	ug/l	3	0	0			10	10	-	0	180	0
	Pyridine	ug/l	3	0	0			20	20	-	0	37	0
Volatile Organic Compounds													
Eastern W. Ditch Area	1,1,1,2-Tetrachloroethane	ug/l	1	0	0			50	50	-	0	0.43	0
	1,1,1-Trichloroethane	ug/l	1	0	0			50	50	200	0	9100	0
	1,1,2,2-Tetrachloroethane	ug/l	1	0	0			50	50	-	0	0.06	0
	1,1,2-Trichloroethane	ug/l	1	0	0			50	50	5	0	0.2	0
	1,1-Dichloroethane	ug/l	1	0	0			50	50	-	0	1200	0
	1,1-Dichloroethylene	ug/l	1	0	0			50	50	7	0	340	0
	1,1-Dichloropropene	ug/l	1	0	0			50	50	-	0	-	0
	1,2,3-Trichlorobenzene	ug/l	1	0	0			50	50	-	0	-	0
	1,2,3-Trichloropropane	ug/l	1	0	0			50	50	-	0	0.034	0
	1,2,4-Trichlorobenzene	ug/l	1	1	100	34	34	50	50	70	0	8	1
	1,2,4-Trimethylbenzene	ug/l	1	0	0			50	50	-	0	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	1	0	0			50	50	0.2	0	0.0002	0
	1,2-Dichlorobenzene	ug/l	1	1	100	35	35	50	50	600	0	49	0
	1,2-Dichloroethane	ug/l	1	0	0			50	50	5	0	0.12	0
	1,2-Dichloroethylene	ug/l	1	0	0			100	100	-	0	-	0
	1,2-Dichloropropane	ug/l	1	0	0			50	50	5	0	0.16	0
	1,3,5- Trichlorobenzene	ug/l	1	0	0			250	250	-	0	-	0
	1,3,5-Trimethylbenzene	ug/l	1	0	0			50	50	-	0	12	0
	1,3-Dichlorobenzene	ug/l	1	0	0			50	50	-	0	14	0

Table 3-3
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Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Eastern W. Ditch Area (continued)	1,3-Dichloropropane	ug/l	1	0	0			50	50	-	0	120	0
	1,4-Dichlorobenzene	ug/l	1	1	100	60	60	50	50	75	0	0.47	3
	2,2,3-Trimethylbutane	ug/l	1	0	0			50	50	-	0	-	0
	2,2-Dichloropropane	ug/l	1	0	0			50	50	-	0	-	0
	2,2-Dimethylpentane	ug/l	1	0	0			50	50	-	0	-	0
	2,3-Dimethylpentane	ug/l	1	1	100	21	21	50	50	-	0	-	0
	2,4-Dimethylpentane	ug/l	1	0	0			50	50	-	0	-	0
	2-Chlorotoluene	ug/l	1	0	0			50	50	-	0	120	0
	2-Nitropropane	ug/l	1	0	0			10	10	-	0	0.0012	0
	2-Phenylbutane	ug/l	1	0	0			50	50	-	0	61	0
	3,3-dimethylpentane	ug/l	1	0	0			50	50	-	0	-	0
	3-ethylpentane	ug/l	1	0	0			500	500	-	0	-	0
	3-Methylhexane	ug/l	1	0	0			500	500	-	0	-	0
	4-Chlorothioanisole	ug/l	1	0	0			50	50	-	0	-	0
	4-Chlorotoluene	ug/l	1	0	0			50	50	-	0	-	0
	Acetone	ug/l	1	0	0			100	100	-	0	5500	0
	Acetonitrile	ug/l	1	0	0			500	500	-	0	120	0
	Benzene	ug/l	1	1	100	15000	15000	1000	1000	5	1	0.35	1
	Bromobenzene	ug/l	1	0	0			50	50	-	0	0.23	0
	Bromodichloromethane	ug/l	1	0	0			50	50	80	0	0.18	0
	Bromomethane	ug/l	1	0	0			100	100	-	0	8.7	0
	Carbon disulfide	ug/l	1	0	0			50	50	-	0	1000	0
	Carbon tetrachloride	ug/l	1	0	0			50	50	5	0	17	0
	CFC-11	ug/l	1	0	0			50	50	-	0	1300	0
	CFC-12	ug/l	1	0	0			100	100	-	0	390	0
	Chlorinated fluorocarbon (Freon 113)	ug/l	1	0	0			50	50	-	0	590	0
	Chlorobenzene	ug/l	1	1	100	2100	2100	1000	1000	100	1	91	1
	Chlorobromomethane	ug/l	1	0	0			50	50	-	0	-	0
	Chlorodibromomethane	ug/l	1	0	0			50	50	80	0	0.13	0
	Chloroethane	ug/l	1	0	0			100	100	-	0	4	0
	Chloroform	ug/l	1	1	100	63	63	50	50	80	0	0.17	3
	Chloromethane	ug/l	1	0	0			100	100	-	0	190	0
	cis-1,2-Dichloroethylene	ug/l	1	0	0			50	50	70	0	61	0
	cis-1,3-Dichloropropylene	ug/l	1	0	0			50	50	-	0	0.4	0
	Cymene	ug/l	1	0	0			50	50	-	0	-	0
	Dibromomethane	ug/l	1	0	0			50	50	-	0	61	0
	Dichloromethane	ug/l	1	1	100	68	68	50	50	5	1	4.3	1
	Ethylbenzene	ug/l	1	0	0			50	50	700	0	1300	0
	Hexachloro-1,3-butadiene	ug/l	1	0	0			10	10	-	0	-	0
	Hexachloroethane	ug/l	1	0	0			10	10	-	0	-	0
	Hexane, 2-methyl-	ug/l	1	0	0			50	50	-	0	-	0
	Isopropylbenzene	ug/l	1	0	0			50	50	-	0	660	0
	m,p-Xylene	ug/l	1	0	0			100	100	-	0	-	0
	Methyl disulfide	ug/l	1	0	0			250	250	-	0	-	0
	Methyl ethyl ketone	ug/l	1	0	0			250	250	-	0	7100	0
	Methyl iodide	ug/l	1	0	0			100	100	-	0	-	0
	Methyl isobutyl ketone	ug/l	1	0	0			250	250	-	0	2000	0
	Methyl n-butyl ketone	ug/l	1	0	0			250	250	-	0	-	0
	MTBE (Methyl tert-butyl ether)	ug/l	1	0	0			100	100	-	0	11	0
	n-Butyl benzene	ug/l	1	0	0			50	50	-	0	61	0
	n-Heptane	ug/l	1	0	0			50	50	-	0	-	0
	n-Propyl benzene	ug/l	1	0	0			50	50	-	0	61	0
	o-Xylene	ug/l	1	0	0			50	50	-	0	-	0
	Styrene (monomer)	ug/l	1	0	0			50	50	100	0	1600	0
	tert-Butyl benzene	ug/l	1	0	0			50	50	-	0	610	0
	Tetrachloroethylene	ug/l	1	0	0			50	50	5	0	0.1	0
	Toluene	ug/l	1	0	0			50	50	1000	0	2300	0
	trans-1,2-Dichloroethylene	ug/l	1	0	0			50	50	100	0	110	0
	trans-1,3-Dichloropropylene	ug/l	1	0	0			50	50	-	0	0.4	0
	Tribromomethane	ug/l	1	0	0			50	50	80	0	8.5	0

Table 3-3
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Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Eastern W. Ditch Area (continued)	Trichloroethylene	ug/l	1	0	0			50	50	5	0	0.028	0
	Vinyl acetate	ug/l	1	0	0			100	100	-	0	410	0
	Vinyl chloride	ug/l	1	0	0			100	100	2	0	0.02	0
	Xylenes (total)	ug/l	1	0	0			150	150	10000	0	200	0
Northern Landfill Lobe	1,1,1,2-Tetrachloroethane	ug/l	8	0	0			1	1	-	0	0.43	0
	1,1,1-Trichloroethane	ug/l	8	0	0			1	1	200	0	9100	0
	1,1,2,2-Tetrachloroethane	ug/l	8	0	0			1	1	-	0	0.06	0
	1,1,2-Trichloroethane	ug/l	8	5	63	0.28	25	1	1	5	1	0.2	5
	1,1-Dichloroethane	ug/l	8	8	100	0.88	61	1	1	-	0	1200	0
	1,1-Dichloroethylene	ug/l	8	3	38	0.74	1.6	1	1	7	0	340	0
	1,1-Dichloropropene	ug/l	8	0	0			1	1	-	0	-	0
	1,2,3-Trichlorobenzene	ug/l	8	5	63	1.2	34	1	1	-	0	-	0
	1,2,3-Trichloropropane	ug/l	8	0	0			1	1	-	0	0.034	0
	1,2,4-Trichlorobenzene	ug/l	8	6	75	0.36	330	1	1000	70	2	8	3
	1,2,4-Trimethylbenzene	ug/l	8	1	13	0.21	0.21	1	1	-	0	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	8	0	0			1	1	0.2	0	0.0002	0
	1,2-Dichlorobenzene	ug/l	8	8	100	0.21	640	1	1000	600	2	49	3
	1,2-Dichloroethane	ug/l	8	7	88	0.8	62	1	1	5	4	0.12	7
	1,2-Dichloroethylene	ug/l	8	1	13	0.65	0.65	2	2	-	0	-	0
	1,2-Dichloropropane	ug/l	8	1	13	0.49	0.49	1	1	5	0	0.16	1
	1,3,5- Trichlorobenzene	ug/l	8	3	38	0.38	0.77	5	5	-	0	-	0
	1,3,5-Trimethylbenzene	ug/l	8	0	0			1	1	-	0	12	0
	1,3-Dichlorobenzene	ug/l	8	7	88	0.16	36	1	1	-	0	14	2
	1,3-Dichloropropane	ug/l	8	0	0			1	1	-	0	120	0
	1,4-Dichlorobenzene	ug/l	7	7	100	2.5	1000	1	1000	75	3	0.47	7
	2,2,3-Trimethylbutane	ug/l	8	0	0			1	1	-	0	-	0
	2,2-Dichloropropane	ug/l	8	0	0			1	1	-	0	-	0
	2,2-Dimethylpentane	ug/l	8	0	0			1	1	-	0	-	0
	2,3-Dimethylpentane	ug/l	8	1	13	4.2	4.2	1	1	-	0	-	0
	2,4-Dimethylpentane	ug/l	8	0	0			1	1	-	0	-	0
	2-Chlorotoluene	ug/l	8	2	25	0.49	1.5	1	1	-	0	120	0
	2-Nitropropane	ug/l	8	0	0			10	10	-	0	0.0012	0
	2-Phenylbutane	ug/l	8	0	0			1	1	-	0	61	0
	3,3-dimethylpentane	ug/l	8	0	0			1	1	-	0	-	0
	3-ethylpentane	ug/l	8	0	0			10	10	-	0	-	0
	3-Methylhexane	ug/l	8	1	13	0.71	0.71	10	10	-	0	-	0
	4-Chlorothioanisole	ug/l	8	0	0			50	50	-	0	-	0
	4-Chlorotoluene	ug/l	8	2	25	0.34	1.2	1	1	-	0	-	0
	Acetone	ug/l	8	2	25	4.4	9	2	100	-	0	5500	0
	Acetonitrile	ug/l	8	0	0			10	10	-	0	120	0
	Benzene	ug/l	8	8	100	1.9	45000	1	1000	5	6	0.35	8
	Bromobenzene	ug/l	8	0	0			1	1	-	0	0.23	0
	Bromodichloromethane	ug/l	8	2	25	0.28	0.91	1	1	80	0	0.18	2
	Bromomethane	ug/l	8	0	0			2	100	-	0	8.7	0
	Carbon disulfide	ug/l	8	2	25	0.33	0.54	1	1	-	0	1000	0
	Carbon tetrachloride	ug/l	8	1	13	1	1	1	1	5	0	17	0
	CFC-11	ug/l	8	0	0			1	1	-	0	1300	0
	CFC-12	ug/l	8	0	0			2	2	-	0	390	0
	Chlorinated fluorocarbon (Freon 113)	ug/l	8	0	0			1	1	-	0	590	0
	Chlorobenzene	ug/l	8	8	100	2.3	32000	1	1000	100	5	91	5
	Chlorobromomethane	ug/l	8	0	0			1	1	-	0	-	0
	Chlorodibromomethane	ug/l	8	0	0			1	1	80	0	0.13	0
	Chloroethane	ug/l	8	6	75	0.51	1.2	2	2	-	0	4	0
	Chloroform	ug/l	8	8	100	0.26	6200	1	1000	80	1	0.17	8
	Chloromethane	ug/l	8	5	63	0.31	3.2	2	2	-	0	190	0
	cis-1,2-Dichloroethylene	ug/l	8	1	13	0.44	0.44	1	1	70	0	61	0
	cis-1,3-Dichloropropylene	ug/l	8	0	0			1	1	-	0	0.4	0
	Cymene	ug/l	8	0	0			1	1	-	0	-	0
	Dibromomethane	ug/l	8	0	0			1	1	-	0	61	0
	Dichloromethane	ug/l	8	1	13	3.4	3.4	1	1	5	0	4.3	0
	Ethylbenzene	ug/l	8	0	0			1	1	700	0	1300	0
	Hexachloro-1,3-butadiene	ug/l	8	0	0			10	10	-	0	-	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Northern Landfill Lobe (continued)	Hexachloroethane	ug/l	8	0	0			10	10	-	0	-	0
	Hexane, 2-methyl-	ug/l	8	1	13	1.4	1.4	1	1	-	0	-	0
	Isopropylbenzene	ug/l	8	0	0			1	1	-	0	660	0
	m,p-Xylene	ug/l	8	0	0			2	2	-	0	-	0
	Methyl disulfide	ug/l	8	0	0			5	5	-	0	-	0
	Methyl ethyl ketone	ug/l	8	2	25	2.7	20	5	5	-	0	7100	0
	Methyl iodide	ug/l	8	1	13	0.67	0.67	2	2	-	0	-	0
	Methyl isobutyl ketone	ug/l	8	0	0			5	5	-	0	2000	0
	Methyl n-butyl ketone	ug/l	8	0	0			5	5	-	0	-	0
	MTBE (Methyl tert-butyl ether)	ug/l	8	0	0			2	2	-	0	11	0
	n-Butyl benzene	ug/l	8	0	0			1	1	-	0	61	0
	n-Heptane	ug/l	8	1	13	0.23	0.23	1	1	-	0	-	0
	n-Propyl benzene	ug/l	8	0	0			1	1	-	0	61	0
	o-Xylene	ug/l	8	2	25	0.21	1.3	1	1	-	0	-	0
	Styrene (monomer)	ug/l	8	0	0			1	1	100	0	1600	0
	tert-Butyl benzene	ug/l	8	0	0			1	1	-	0	610	0
	Tetrachloroethylene	ug/l	8	2	25	15	750	1	1	5	2	0.1	2
	Toluene	ug/l	8	3	38	0.16	25	1	1	1000	0	2300	0
	trans-1,2-Dichloroethylene	ug/l	8	1	13	0.21	0.21	1	1	100	0	110	0
	trans-1,3-Dichloropropylene	ug/l	8	0	0			1	1	-	0	0.4	0
	Tribromomethane	ug/l	8	0	0			1	1	80	0	8.5	0
	Trichloroethylene	ug/l	8	6	75	0.19	29	1	1	5	3	0.028	6
	Vinyl acetate	ug/l	8	0	0			2	2	-	0	410	0
	Vinyl chloride	ug/l	8	2	25	0.32	0.71	2	2	2	0	0.02	2
	Xylenes (total)	ug/l	8	1	13	1.3	1.3	3	3	10000	0	200	0
Slit Trench Area	1,1,1,2-Tetrachloroethane	ug/l	4	0	0			1	1	-	0	0.43	0
	1,1,1-Trichloroethane	ug/l	4	0	0			1	1	200	0	9100	0
	1,1,2,2-Tetrachloroethane	ug/l	4	0	0			1	1	-	0	0.06	0
	1,1,2-Trichloroethane	ug/l	4	3	75	2.8	27	1	1	5	1	0.2	3
	1,1-Dichloroethane	ug/l	4	4	100	18	360	1	100	-	0	1200	0
	1,1-Dichloroethylene	ug/l	4	4	100	0.3	0.94	1	1	7	0	340	0
	1,1-Dichloropropene	ug/l	4	0	0			1	1	-	0	-	0
	1,2,3-Trichlorobenzene	ug/l	4	3	75	1.5	180	1	100	-	0	-	0
	1,2,3-Trichloropropane	ug/l	4	0	0			1	1	-	0	0.034	0
	1,2,4-Trichlorobenzene	ug/l	4	4	100	2.6	1600	1	1000	70	2	8	3
	1,2,4-Trimethylbenzene	ug/l	4	2	50	0.37	0.39	1	1	-	0	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	4	0	0			1	1	0.2	0	0.0002	0
	1,2-Dichlorobenzene	ug/l	4	4	100	140	3000	1	1000	600	2	49	4
	1,2-Dichloroethane	ug/l	4	4	100	12	76	1	500	5	4	0.12	4
	1,2-Dichloroethylene	ug/l	4	1	25	0.13	0.13	2	2	-	0	-	0
	1,2-Dichloropropane	ug/l	4	0	0			1	1	5	0	0.16	0
	1,3,5- Trichlorobenzene	ug/l	4	1	25	1.6	1.6	5	5	-	0	-	0
	1,3,5-Trimethylbenzene	ug/l	4	0	0			1	1	-	0	12	0
	1,3-Dichlorobenzene	ug/l	4	4	100	5.8	170	1	100	-	0	14	2
	1,3-Dichloropropane	ug/l	4	0	0			1	1	-	0	120	0
	1,4-Dichlorobenzene	ug/l	4	4	100	160	4900	1	1000	75	4	0.47	4
	2,2,3-Trimethylbutane	ug/l	4	0	0			1	1	-	0	-	0
	2,2-Dichloropropane	ug/l	4	0	0			1	1	-	0	-	0
	2,2-Dimethylpentane	ug/l	4	0	0			1	1	-	0	-	0
	2,3-Dimethylpentane	ug/l	4	1	25	2.8	2.8	1	1	-	0	-	0
	2,4-Dimethylpentane	ug/l	4	0	0			1	1	-	0	-	0
	2-Chlorotoluene	ug/l	4	4	100	0.41	4.1	1	1	-	0	120	0
	2-Nitropropane	ug/l	4	0	0			10	10	-	0	0.0012	0
	2-Phenylbutane	ug/l	4	1	25	0.2	0.2	1	1	-	0	61	0
	3,3-dimethylpentane	ug/l	4	1	25	1.3	1.3	1	1	-	0	-	0
	3-ethylpentane	ug/l	4	0	0			10	10	-	0	-	0
	3-Methylhexane	ug/l	4	0	0			10	10	-	0	-	0
	4-Chlorothioanisole	ug/l	4	1	25	36	36	50	50	-	0	-	0
	4-Chlorotoluene	ug/l	4	4	100	0.15	3.2	1	1	-	0	-	0
	Acetone	ug/l	4	2	50	1.1	810	2	2000	-	0	5500	0
	Acetonitrile	ug/l	4	0	0			10	10	-	0	120	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Slit Trench Area (continued)	Benzene	ug/l	4	4	100	3000	42000	500	1000	5	4	0.35	4
	Bromobenzene	ug/l	4	2	50	0.34	0.64	1	1	-	0	0.23	0
	Bromodichloromethane	ug/l	4	2	50	0.83	1.8	1	1	80	0	0.18	2
	Bromomethane	ug/l	4	0	0			2	200	-	0	8.7	0
	Carbon disulfide	ug/l	4	4	100	1.5	6.1	1	1	-	0	1000	0
	Carbon tetrachloride	ug/l	4	0	0			1	1	5	0	17	0
	CFC-11	ug/l	4	0	0			1	1	-	0	1300	0
	CFC-12	ug/l	4	0	0			2	2	-	0	390	0
	Chlorinated fluorocarbon (Freon 113)	ug/l	4	0	0			1	1	-	0	590	0
	Chlorobenzene	ug/l	4	4	100	9900	38000	500	1000	100	4	91	4
	Chlorobromomethane	ug/l	4	0	0			1	1	-	0	-	0
	Chlorodibromomethane	ug/l	4	0	0			1	1	80	0	0.13	0
	Chloroethane	ug/l	4	3	75	0.54	1.6	2	2	-	0	4	0
	Chloroform	ug/l	4	4	100	7.6	6700	1	1000	80	3	0.17	4
	Chloromethane	ug/l	4	3	75	0.38	1	2	2	-	0	190	0
	cis-1,2-Dichloroethylene	ug/l	4	1	25	0.13	0.13	1	1	70	0	61	0
	cis-1,3-Dichloropropylene	ug/l	4	0	0			1	1	-	0	0.4	0
	Cymene	ug/l	4	0	0			1	1	-	0	-	0
	Dibromomethane	ug/l	4	0	0			1	1	-	0	61	0
	Dichloromethane	ug/l	4	4	100	13	2400	1	1000	5	4	4.3	4
	Ethylbenzene	ug/l	4	0	0			1	1	700	0	1300	0
	Hexachloro-1,3-butadiene	ug/l	4	0	0			10	10	-	0	-	0
	Hexachloroethane	ug/l	4	0	0			10	10	-	0	-	0
	Hexane, 2-methyl-	ug/l	4	2	50	3.3	24	1	1	-	0	-	0
	Isopropylbenzene	ug/l	4	0	0			1	1	-	0	660	0
	m,p-Xylene	ug/l	4	0	0			2	2	-	0	-	0
	Methyl disulfide	ug/l	4	3	75	1.6	460	5	5	-	0	-	0
	Methyl ethyl ketone	ug/l	4	0	0			5	5	-	0	7100	0
	Methyl iodide	ug/l	4	1	25	0.51	0.51	2	2	-	0	-	0
	Methyl isobutyl ketone	ug/l	4	0	0			5	5	-	0	2000	0
	Methyl n-butyl ketone	ug/l	4	0	0			5	5	-	0	-	0
	MTBE (Methyl tert-butyl ether)	ug/l	4	0	0			2	2	-	0	11	0
	n-Butyl benzene	ug/l	4	0	0			1	1	-	0	61	0
	n-Heptane	ug/l	4	1	25	19	19	1	1	-	0	-	0
	n-Propyl benzene	ug/l	4	1	25	0.2	0.2	1	1	-	0	61	0
	o-Xylene	ug/l	4	2	50	2.2	2.3	1	1	-	0	-	0
	Styrene (monomer)	ug/l	4	0	0			1	1	100	0	1600	0
	tert-Butyl benzene	ug/l	4	0	0			1	1	-	0	610	0
	Tetrachloroethylene	ug/l	4	4	100	22	62	1	1	5	4	0.1	4
	Toluene	ug/l	4	4	100	1.6	27	1	1	1000	0	2300	0
	trans-1,2-Dichloroethylene	ug/l	4	0	0			1	1	100	0	110	0
	trans-1,3-Dichloropropylene	ug/l	4	0	0			1	1	-	0	0.4	0
	Tribromomethane	ug/l	4	0	0			1	1	80	0	8.5	0
	Trichloroethylene	ug/l	4	4	100	1.4	2	1	1	5	0	0.028	4
	Vinyl acetate	ug/l	4	0	0			2	2	-	0	410	0
	Vinyl chloride	ug/l	4	1	25	0.71	0.71	2	2	2	0	0.02	1
	Xylenes (total)	ug/l	4	2	50	2.2	2.3	3	3	10000	0	200	0
Southern Lobe of the Borrow Area	1,1,1,2-Tetrachloroethane	ug/l	3	0	0			1	1	-	0	0.43	0
	1,1,1-Trichloroethane	ug/l	3	0	0			1	1	200	0	9100	0
	1,1,2,2-Tetrachloroethane	ug/l	3	0	0			1	1	-	0	0.06	0
	1,1,2-Trichloroethane	ug/l	3	0	0			1	1	5	0	0.2	0
	1,1-Dichloroethane	ug/l	3	0	0			1	1	-	0	1200	0
	1,1-Dichloroethylene	ug/l	3	0	0			1	1	7	0	340	0
	1,1-Dichloropropene	ug/l	3	0	0			1	1	-	0	-	0
	1,2,3-Trichlorobenzene	ug/l	3	0	0			1	1	-	0	-	0
	1,2,3-Trichloropropane	ug/l	3	0	0			1	1	-	0	0.034	0
	1,2,4-Trichlorobenzene	ug/l	2	0	0			1	1	70	0	8	0
	1,2,4-Trimethylbenzene	ug/l	3	0	0			1	1	-	0	15	0
	1,2-Dibromo-3-chloropropane (DBCP)	ug/l	3	0	0			1	1	0.2	0	0.0002	0
	1,2-Dichlorobenzene	ug/l	3	2	67	2.5	3	1	1	600	0	49	0
	1,2-Dichloroethane	ug/l	3	0	0			1	1	5	0	0.12	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Southern Lobe of the Borrow Area (continued)	Aldehydes												
	1,2-Dichloroethylene	ug/l	3	0	0			2	2	-	0	-	0
	1,2-Dichloropropane	ug/l	3	0	0			1	1	5	0	0.16	0
	1,3,5- Trichlorobenzene	ug/l	3	0	0			5	5	-	0	-	0
	1,3,5-Trimethylbenzene	ug/l	3	0	0			1	1	-	0	12	0
	1,3-Dichlorobenzene	ug/l	3	0	0			1	1	-	0	14	0
	1,3-Dichloropropane	ug/l	3	0	0			1	1	-	0	120	0
	1,4-Dichlorobenzene	ug/l	3	2	67	4.6	5.3	1	1	75	0	0.47	0
	2,2,3-Trimethylbutane	ug/l	3	0	0			1	1	-	0	-	0
	2,2-Dichloropropane	ug/l	3	0	0			1	1	-	0	-	0
	2,2-Dimethylpentane	ug/l	3	0	0			1	1	-	0	-	0
	2,3-Dimethylpentane	ug/l	3	0	0			1	1	-	0	-	0
	2,4-Dimethylpentane	ug/l	3	0	0			1	1	-	0	-	0
	2-Chlorotoluene	ug/l	3	0	0			1	1	-	0	120	0
	2-Nitropropane	ug/l	3	0	0			10	10	-	0	0.0012	0
	2-Phenylbutane	ug/l	3	0	0			1	1	-	0	61	0
	3,3-dimethylpentane	ug/l	3	0	0			1	1	-	0	-	0
	3-ethylpentane	ug/l	3	0	0			10	10	-	0	-	0
	3-Methylhexane	ug/l	3	0	0			10	10	-	0	-	0
	4-Chlorothioanisole	ug/l	3	0	0			50	50	-	0	-	0
	4-Chlorotoluene	ug/l	3	0	0			1	1	-	0	-	0
	Acetone	ug/l	3	0	0			2	2	-	0	5500	0
	Acetonitrile	ug/l	3	0	0			10	10	-	0	120	0
	Benzene	ug/l	3	3	100	0.18	0.51	1	1	5	0	0.35	1
	Bromobenzene	ug/l	3	0	0			1	1	-	0	0.23	0
	Bromodichloromethane	ug/l	3	0	0			1	1	80	0	0.18	0
	Bromomethane	ug/l	3	0	0			2	2	-	0	8.7	0
	Carbon disulfide	ug/l	3	0	0			1	1	-	0	1000	0
	Carbon tetrachloride	ug/l	3	0	0			1	1	5	0	17	0
	CFC-11	ug/l	3	0	0			1	1	-	0	1300	0
	CFC-12	ug/l	3	0	0			2	2	-	0	390	0
	Chlorinated fluorocarbon (Freon 113)	ug/l	3	0	0			1	1	-	0	590	0
	Chlorobenzene	ug/l	3	3	100	0.56	13	1	1	100	0	91	0
	Chlorobromomethane	ug/l	3	0	0			1	1	-	0	-	0
	Chlorodibromomethane	ug/l	3	0	0			1	1	80	0	0.13	0
	Chloroethane	ug/l	3	1	33	0.58	0.58	2	2	-	0	4	0
	Chloroform	ug/l	3	3	100	0.25	3.8	1	1	80	0	0.17	1
	Chloromethane	ug/l	3	0	0			2	2	-	0	190	0
	cis-1,2-Dichloroethylene	ug/l	3	0	0			1	1	70	0	61	0
	cis-1,3-Dichloropropylene	ug/l	3	0	0			1	1	-	0	0.4	0
	Cymene	ug/l	3	0	0			1	1	-	0	-	0
	Dibromomethane	ug/l	3	0	0			1	1	-	0	61	0
	Dichloromethane	ug/l	3	1	33	0.36	0.36	1	1	5	0	4.3	0
	Ethylbenzene	ug/l	3	0	0			1	1	700	0	1300	0
	Hexachloro-1,3-butadiene	ug/l	3	0	0			10	10	-	0	-	0
	Hexachloroethane	ug/l	3	0	0			10	10	-	0	-	0
	Hexane, 2-methyl-	ug/l	3	0	0			1	1	-	0	-	0
	Isopropylbenzene	ug/l	3	0	0			1	1	-	0	660	0
	m,p-Xylene	ug/l	3	0	0			2	2	-	0	-	0
	Methyl disulfide	ug/l	3	0	0			5	5	-	0	-	0
	Methyl ethyl ketone	ug/l	3	0	0			5	5	-	0	7100	0
	Methyl iodide	ug/l	3	0	0			2	2	-	0	-	0
	Methyl isobutyl ketone	ug/l	3	0	0			5	5	-	0	2000	0
	Methyl n-butyl ketone	ug/l	3	0	0			5	5	-	0	-	0
	MTBE (Methyl tert-butyl ether)	ug/l	3	0	0			2	2	-	0	11	0
	n-Butyl benzene	ug/l	3	0	0			1	1	-	0	61	0
	n-Heptane	ug/l	3	0	0			1	1	-	0	-	0
	n-Propyl benzene	ug/l	3	0	0			1	1	-	0	61	0
	o-Xylene	ug/l	3	0	0			1	1	-	0	-	0
	Styrene (monomer)	ug/l	3	0	0			1	1	100	0	1600	0
	tert-Butyl benzene	ug/l	3	0	0			1	1	-	0	610	0
	Tetrachloroethylene	ug/l	3	0	0			1	1	5	0	0.1	0
	Toluene	ug/l	3	0	0			1	1	1000	0	2300	0

Table 3-3
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU)
Groundwater Sample Summary of Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

CAMU Site Area	Analyte	Units	Total Count	Detect Count	Frequency of Detects (%)	Min Detect ^a	Max Detect ^a	Min Quant Limit ^b	Max Quant Limit ^b	MCL ^h	MCL Exceedances	MSSL ^k	MSSL Exceedances
Aldehydes													
Southern Lobe of the Borrow Area (continued)	trans-1,2-Dichloroethylene	ug/l	3	0	0			1	1	100	0	110	0
	trans-1,3-Dichloropropylene	ug/l	3	0	0			1	1	-	0	0.4	0
	Tribromomethane	ug/l	3	0	0			1	1	80	0	8.5	0
	Trichloroethylene	ug/l	3	0	0			1	1	5	0	0.028	0
	Vinyl acetate	ug/l	3	0	0			2	2	-	0	410	0
	Vinyl chloride	ug/l	3	0	0			2	2	2	0	0.02	0
	Xylenes (total)	ug/l	3	0	0			3	3	10000	0	200	0

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 data set.

b - The quantitation limits shown include samples which had detections.

c - A MCL for perchlorate has not been promulgated. The USEPA Drinking Water Equivalent Level of 24.5 ug/L was used (USEPA, 2006).

d - The constituent is regulated under the MCL for Total Trihalomethanes (TTHM). For comparison to the MCL for TTHM, concentrations of all TTHM constituents need to be considered. Chloroform was the only TTHM detected and the detection limits of all TTHM analyzed for do not sum to a concentration that would exceed the TTHM MCL.

e - The constituent is regulated under the MCL for the combined concentration of radium-226 and radium-228. For comparison to the MCL, concentrations of both constituents are summed.

f - A NDEP water quality standard was used for Class A (municipal or domestic supply) waters for pH and total phosphorus based on Nevada Administrative Code (NAC) 445A.118 through 445A.225.

g - Nevada Requirement to Maintain Existing Higher Quality level of 1,900 mg/L for total dissolved solids (NAC 445A.199).

h - USEPA Maximum Contaminant Levels (MCLs)

i - Unless otherwise noted the Alternative Criteria used are the USEPA Region IX Tap Water Preliminary Remediation Goals (PRGs)

j - Nevada Drinking Water Action Level - 18 mg/l.

k - USEPA Region 6 Human Health Medium-Specific Screening Levels (MSSLs). March 7, 2008

l - pCi/L = picoCuries per Liter

Table 3-4
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
VOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	1,1,1,2-Tetrachloroethane	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethylene	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	1,2-Dichloroethane	1,2-Dichloroethylene	1,2-Dichloropropane	1,3,5-Trichlorobenzene
MCL				-	200	-	5	-	7	-	-	-	70	-	0.2000	600	5	-	5	-
MSSL				0.43	9100	0.055	0.20	1200	340	-	-	0.034	8.2	15	0.0002	49	0.12	-	0.16	-
Volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	88 J	0.56 J	< 1 UJ	1.5 J	< 1 UJ	9.4 J	< 1 UJ	< 1 UJ	230 J	73 J	< 2 UJ	< 1 UJ	< 5 UJ
Volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 1 U	< 1 U	< 1 U	< 1 U	21	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	17	12	< 2 U	< 1 U	< 5 U
Volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	6.7 J	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	0.36 J-	< 1 UJ	< 1 UJ	3.7 J-	3.8 J	< 2 UJ	< 1 UJ	< 5 UJ
Volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 1 U	< 1 U	< 1 U	0.52 J	4.9	< 1 U	< 1 U	1.2	< 1 U	0.67 J	< 1 U	< 1 UJ	1.9	< 1 U	< 2 U	< 1 U	< 5 U
Volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 1 U	< 1 U	< 1 U	0.39 J	5	< 1 U	< 1 U	1.3	< 1 U	0.69 J	< 1 U	< 1 UJ	2	1.5	< 2 U	< 1 U	< 5 U
Volatile Organic Compounds	GW-H-55	N	10/31/2007	< 1 U	< 1 U	< 1 U	0.28 J	0.88 J	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	0.21 J	0.8 J	< 2 U	< 1 U	< 5 U
Volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	< 1 UJ	< 1 UJ	< 1 UJ	25 J	61 J	1.6 J	< 1 UJ	34 J	< 1 UJ	230 J	0.21 J	< 1 UJ	610 J	62 J	< 2 UJ	< 1 UJ	0.77 J
Volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	16 J-	0.74 J-	< 1 UJ	24 J	< 1 UJ	330 J	< 1 UJ	< 1 UJ	640 J	32 J-	0.65 J-	< 1 UJ	0.51 J
Volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 1 UJ	< 1 UJ	< 1 UJ	0.44 J-	23 J-	1.3 J-	< 1 UJ	12 J-	< 1 UJ	69	< 1 UJ	< 1 UJ	91	5.6 J-	< 2 UJ	0.49 J-	0.38 J-
Volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	< 1 UJ	< 1 UJ	< 1 UJ	2.8 J	18 J	0.4 J	< 1 UJ	44 J	< 1 UJ	560 J	0.37 J	< 1 UJ	1200	12 J	0.13 J	< 1 UJ	1.6 J
Volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	< 1 UJ	< 1 UJ	< 1 UJ	27 J	360 J	0.94 J	< 1 UJ	180 J	< 1 UJ	1600 J	0.39 J	< 1 UJ	3000 J	76 J	< 2 UJ	< 1 UJ	< 5 UJ
Volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 1 U	< 1 U	< 1 U	4.2 J+	52 J	0.3 J+	< 1 U	< 1 U	< 1 U	2.6 J+	< 1 U	< 1 UJ	140 J	53 J	< 2 U	< 1 U	< 5 U
Volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	34 J	< 50 U	< 50 UJ	35 J	< 50 U	< 100 U	< 50 U	< 250 U
Volatile Organic Compounds	GW-B17	N	10/25/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	2.5	< 1 U	< 2 U	< 1 U	< 5 U
Volatile Organic Compounds	GW-B17	FD	10/25/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	NA	< 1 U	< 1 UJ	3	< 1 U	< 2 U	< 1 U	< 5 U
Volatile Organic Compounds	GW-B18	N	10/26/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 UJ	< 1 U	< 1 U	< 2 U	< 1 U	< 5 U

All results are in ug/L.
MCL - maximum contaminant level
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
U - non-detect
J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to blank
UJ - estimated detection limit
R - rejected
+ Result is biased high
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N - Primary Sample
FD - Field Duplicate
NA - Not Analyzed

Table 3-4
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
VOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	1,3,5-Trimethylbenzene	1,3-Dichlorobenzene	1,3-Dichloropropane	1,4-Dichlorobenzene	2,2,3-Trimethylbutane	2,2-Dichloropropane	2,2-Dimethylpentane	2,3-Dimethylpentane	2,4-Dimethylpentane	2-Chlorotoluene	2-Nitropropane	2-Phenylbutane	3,3-dimethylpentane	3-ethylpentane	3-Methylhexane	4-Chlorothioanisole	4-Chlorotoluene	Acetone
			MCL	-	-	-	75	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			MSSL	12	14	120	0.47	-	-	-	-	-	120	0.0012	61	-	-	-	-	-	5500
Volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 1 UJ	6.9 J	< 1 UJ	470 J	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	0.47 J	< 10 UJ	< 1 UJ	< 1 UJ	< 10 UJ	< 10 UJ	< 50 U	0.26 J	810 J
Volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 1 U	0.43 J	< 1 U	16	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 10 U	< 10 U	< 50 U	< 1 U	< 100 U
Volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 1 UJ	0.16 J-	< 1 UJ	4.8 J-	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 10 UJ	< 1 UJ	< 1 UJ	< 10 UJ	< 10 UJ	< 50 U	< 1 UJ	< 2 U
Volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 1 U	0.22 J	< 1 U	2.5	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 10 U	< 10 U	< 50 U	< 1 U	< 2 UJ
Volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 1 U	0.23 J	< 1 U	2.6	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 10 U	< 10 U	< 50 U	< 1 U	< 2 UJ
Volatile Organic Compounds	GW-H-55	N	10/31/2007	< 1 U	< 1 U	< 1 U	NA	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 10 U	< 10 U	< 50 U	< 1 U	4.4
Volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	< 1 UJ	36 J	< 1 UJ	1000	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	1.5 J	< 10 UJ	< 1 UJ	< 1 UJ	< 10 UJ	< 10 UJ	< 50 U	1.2 J	9 J
Volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 1 UJ	21 J	< 1 UJ	950 J	< 1 UJ	< 1 UJ	< 1 UJ	4.2 J-	< 1 UJ	0.49 J	< 10 UJ	< 1 UJ	< 1 UJ	< 10 UJ	0.71 J-	< 50 U	0.34 J	< 2 UJ
Volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 1 UJ	3.4 J-	< 1 UJ	150 J	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 10 UJ	< 1 UJ	< 1 UJ	< 10 UJ	< 10 UJ	< 50 U	< 1 UJ	< 2 UJ
Volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	< 1 UJ	89 J	< 1 UJ	2400	< 1 UJ	< 1 UJ	< 1 UJ	2.8 J	< 1 UJ	3.9 J	< 10 UJ	0.2 J	< 1 UJ	< 10 UJ	< 10 UJ	< 50 U	2.8 J	1.1 J
Volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	< 1 UJ	170 J	< 1 UJ	4900 J	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	4.1 J	< 10 UJ	< 1 UJ	1.3 J	< 10 UJ	< 10 UJ	36 J	3.2 J	< 2 UJ
Volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 1 U	5.8 J+	< 1 U	160 J+	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.41 J+	< 10 U	< 1 U	< 1 U	< 10 U	< 10 U	< 50 U	0.15 J+	< 200 U
Volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 50 U	< 50 U	< 50 U	60	< 50 U	< 50 U	< 50 U	21 J	< 50 U	< 50 U	< 10 U	< 50 U	< 50 U	< 500 U	< 500 U	< 50 U	< 50 U	< 100 UJ
Volatile Organic Compounds	GW-B17	N	10/25/2007	< 1 U	< 1 U	< 1 U	4.6	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 10 U	< 10 U	< 50 U	< 1 U	< 2 UJ
Volatile Organic Compounds	GW-B17	FD	10/25/2007	< 1 U	< 1 U	< 1 U	5.3	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 10 U	< 10 U	< 50 U	< 1 U	< 2 UJ
Volatile Organic Compounds	GW-B18	N	10/26/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 1 U	< 1 U	< 10 U	< 10 U	< 50 U	< 1 U	< 2 U

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BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
VOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Acetonitrile	Benzene	Bromobenzene	Bromodichloromethane	Bromomethane	Carbon disulfide	Carbon tetrachloride	CFC-11	CFC-12	Chlorinated fluorocarbon (Freon 113)	Chlorobenzene	Chlorobromomethane	Chlorodibromomethane	Chloroethane	Chloroform	Chloromethane	cis-1,2-Dichloroethylene	cis-1,3-Dichloropropylene
MCL				-	5	-	80	-	-	5	-	-	-	100	-	80	-	80	-	70	-
MSSL				120	0.35	23	0.18	8.70	1000	17	1300	390	59179	91	-	0.13	3.9	0.17	190	61.00	0.4
Volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 10 UJ	5300	< 1 UJ	< 1 UJ	< 2 UJ	3.1 J	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	12000	< 1 UJ	< 1 UJ	0.86 J	7.6 J	1 J	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 10 U	6.1	< 1 U	< 1 U	< 100 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	1300	< 1 U	< 1 U	< 2 U	0.26 J	< 2 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 10 UJ	2.8 J	< 1 UJ	< 1 UJ	< 2 U	< 1 UJ	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	330	< 1 UJ	< 1 UJ	0.75 J	0.82 J	3.2 J	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 10 U	13	< 1 U	< 1 U	< 2 U	< 1 U	1	< 1 U	< 2 U	< 1 U	9.7	< 1 U	< 1 U	0.59 J	19	0.35 J	< 1 U	< 1 U
Volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 10 U	14	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	10	< 1 U	< 1 U	0.51 J	19	0.31 J	< 1 U	< 1 U
Volatile Organic Compounds	GW-H-55	N	10/31/2007	< 10 U	1.9	< 1 U	0.28 J	< 2 U	0.33 J	< 1 U	< 1 U	< 2 U	< 1 U	2.3	< 1 U	< 1 U	< 2 U	35	< 2 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	< 10 UJ	45000 J	< 1 UJ	0.91 J	< 2 UJ	0.54 J	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	32000	< 1 UJ	< 1 UJ	1.2 J	6200	0.76 J	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 10 UJ	3000	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	16000	< 1 UJ	< 1 UJ	1.2 J-	43 J-	2.6 J-	0.44 J-	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 10 UJ	21 J-	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	640	< 1 UJ	< 1 UJ	0.84 J-	0.6 J-	< 2 UJ	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	< 10 UJ	42000 J	0.64 J	< 1 UJ	< 2 UJ	1.6 J	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	32000	< 1 UJ	< 1 UJ	< 2 UJ	230 J	< 2 UJ	0.13 J	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	< 10 UJ	39000	0.34 J	0.83 J	< 2 UJ	6.1 J	< 1 UJ	< 1 UJ	< 2 UJ	< 1 UJ	38000	< 1 UJ	< 1 UJ	0.54 J	6700 J	0.8 J	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 10 U	3000	< 1 U	1.8 J+	< 200 U	1.5 J+	< 1 U	< 1 U	< 2 U	< 1 U	9900	< 1 U	< 1 U	1.6 J+	3600	0.38 J+	< 1 U	< 1 U
Volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 500 U	15000	< 50 U	< 50 U	< 100 U	< 50 U	< 50 U	< 50 U	< 100 U	< 50 U	2100	< 50 U	< 50 U	< 100 U	63	< 100 U	< 50 U	< 50 U
Volatile Organic Compounds	GW-B17	N	10/25/2007	< 10 U	0.31 J	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	12	< 1 U	< 1 U	< 2 U	0.25 J	< 2 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-B17	FD	10/25/2007	< 10 U	0.18 J	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	13	< 1 U	< 1 U	0.58 J	0.3 J	< 2 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-B18	N	10/26/2007	< 10 U	0.51 J	< 1 U	< 1 U	< 2 U	< 1 U	< 1 U	< 1 U	< 2 U	< 1 U	0.56 J	< 1 U	< 1 U	< 2 U	3.8	< 2 U	< 1 U	< 1 U

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Table 3-4
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
VOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Cymene	Dibromomethane	Dichloromethane	Ethylbenzene	Hexachloro-1,3-butadiene	Hexachloroethane	Hexane, 2-methyl-	Isopropylbenzene	m,p-Xylene	Methyl disulfide	Methyl ethyl ketone	Methyl iodide	Methyl isobutyl ketone	Methyl n-butyl ketone	MTBE (Methyl tert-butyl ether)	n-Butyl benzene	n-Heptane	n-Propyl benzene
			MCL	-	-	5.00	700	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			MSSL	-	61	4.3	1300	-	-	-	660	-	-	7100	-	2000	-	11	61	-	61
Volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 1 UJ	< 1 UJ	1800	< 1 UJ	< 10 U	< 10 U	< 1 UJ	< 1 UJ	< 2 UJ	1.6 J	< 5 UJ	0.51 J	< 5 UJ	< 5 UJ	< 2 UJ	< 1 UJ	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 10 U	< 1 U	< 1 U	< 2 U	< 5 U	< 5 UJ	< 2 U	< 5 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 10 U	< 10 U	< 1 UJ	< 1 UJ	< 2 UJ	< 5 UJ	< 5 UJ	0.67 J	< 5 UJ	< 5 UJ	< 2 UJ	< 1 UJ	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 10 U	< 1 U	< 1 U	< 2 U	< 5 U	< 5 UJ	< 2 U	< 5 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 10 U	< 1 U	< 1 U	< 2 U	< 5 U	< 5 UJ	< 2 U	< 5 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-H-55	N	10/31/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 10 U	< 1 U	< 1 U	< 2 U	< 5 U	2.7 J	< 2 U	< 5 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	< 1 UJ	< 1 UJ	3.4 J	< 1 UJ	< 10 U	< 10 U	< 1 UJ	< 1 UJ	< 2 UJ	< 5 UJ	< 5 UJ	< 2 UJ	< 5 UJ	< 5 UJ	< 2 UJ	< 1 UJ	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 10 U	< 10 U	1.4 J-	< 1 UJ	< 2 UJ	< 5 UJ	20 J	< 2 UJ	< 5 UJ	< 5 UJ	< 2 UJ	< 1 UJ	< 1 UJ	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 10 U	< 10 U	< 1 UJ	< 1 UJ	< 2 UJ	< 5 UJ	< 5 UJ	< 2 UJ	< 5 UJ	< 5 UJ	< 2 UJ	< 1 UJ	0.23 J-	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	< 1 UJ	< 1 UJ	2400	< 1 UJ	< 10 U	< 10 U	3.3 J	< 1 UJ	< 2 UJ	< 5 UJ	< 5 UJ	< 2 UJ	< 5 UJ	< 5 UJ	< 2 UJ	< 1 UJ	< 1 UJ	0.2 J
Volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	< 1 UJ	< 1 UJ	13 J	< 1 UJ	< 10 U	< 10 U	24 J	< 1 UJ	< 2 UJ	460 J	< 5 UJ	< 2 UJ	< 5 UJ	< 5 UJ	< 2 UJ	< 1 UJ	19 J	< 1 UJ
Volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 1 U	< 1 U	1700	< 1 U	< 10 U	< 10 U	< 1 U	< 1 U	< 2 U	6 J+	< 5 UJ	< 2 U	< 5 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 50 U	< 50 U	68	< 50 U	< 10 U	< 10 U	< 50 U	< 50 U	< 100 U	< 250 U	< 250 UJ	< 100 U	< 250 U	< 250 U	< 100 U	< 50 U	< 50 U	< 50 U
Volatile Organic Compounds	GW-B17	N	10/25/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 10 U	< 1 U	< 1 U	< 2 U	< 5 U	< 5 UJ	< 2 U	< 5 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-B17	FD	10/25/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 10 U	< 10 U	< 1 U	< 1 U	< 2 U	< 5 U	< 5 UJ	< 2 U	< 5 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U
Volatile Organic Compounds	GW-B18	N	10/26/2007	< 1 U	< 1 U	0.36 J	< 1 U	< 10 U	< 10 U	< 1 U	< 1 U	< 2 U	< 5 U	< 5 UJ	< 2 U	< 5 U	< 5 U	< 2 U	< 1 U	< 1 U	< 1 U

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VOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	o-Xylene	Styrene (monomer)	tert-Butyl benzene	Tetrachloroethylene	Toluene	trans-1,2-Dichloroethylene	trans-1,3-Dichloropropylene	Tribromomethane	Trichloroethylene	Vinyl acetate	Vinyl chloride	Xylenes (total)
			MCL	-	100	-	5	1000	100	-	80	5	-	2	10000
			MSSL	-	1600	610	0.10	2300	110	0.4	8.5	0.028	410	0.015	200
Volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 1 UJ	< 1 UJ	< 1 UJ	25 J	1.6 J	< 1 UJ	< 1 UJ	< 1 UJ	1.4 J	< 2 UJ	< 2 UJ	< 3 UJ
Volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	1.5	< 2 U	< 2 U	< 3 U
Volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	0.39 J	< 2 UJ	< 2 UJ	< 3 UJ
Volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 3 U
Volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	0.19 J	< 2 U	< 2 U	< 3 U
Volatile Organic Compounds	GW-H-55	N	10/31/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 3 U
Volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	1.3 J	< 1 UJ	< 1 UJ	750 J	25 J	< 1 UJ	< 1 UJ	< 1 UJ	5.7 J	< 2 UJ	0.71 J	1.3 J
Volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	0.21 J-	< 1 UJ	< 1 UJ	15 J-	4.3 J-	0.21 J-	< 1 UJ	< 1 UJ	23 J-	< 2 UJ	0.32 J-	< 3 UJ
Volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	0.16 J-	< 1 UJ	< 1 UJ	< 1 UJ	29 J-	< 2 UJ	< 2 UJ	< 3 UJ
Volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	2.3 J	< 1 UJ	< 1 UJ	52 J	27 J	< 1 UJ	< 1 UJ	< 1 UJ	1.4 J	< 2 UJ	< 2 UJ	2.3 J
Volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	2.2 J	< 1 UJ	< 1 UJ	62 J	27 J	< 1 UJ	< 1 UJ	< 1 UJ	2 J	< 2 UJ	< 2 UJ	2.2 J
Volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 1 U	< 1 U	< 1 U	22 J+	3.4 J+	< 1 U	< 1 U	< 1 U	2 J+	< 2 U	0.71 J+	< 3 U
Volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 100 U	< 100 U	< 150 U
Volatile Organic Compounds	GW-B17	N	10/25/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 3 U
Volatile Organic Compounds	GW-B17	FD	10/25/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 3 U
Volatile Organic Compounds	GW-B18	N	10/26/2007	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 1 U	< 2 U	< 2 U	< 3 U

All results are in ug/L.
MCL - maximum contaminant level
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
U - non-detect
J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to
UJ - estimated detection limit
R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate
NA - Not Analyzed

Table 3-5
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
SVOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	1,2,4,5-Tetrachlorobenzene	1,2-Diphenylhydrazine	1,4-Dioxane	1-Nonanal	2,2'-/4,4'-Dichlorobenzil	2,4,5-Trichlorophenol	2,4,6-Trichlorophenol	2,4-Dichlorophenol	2,4-Dimethylphenol	2,4-Dinitrophenol	2,4-Dinitrotoluene	2,6-Dinitrotoluene	2-Chloronaphthalene
			MCL	-	-	-	-	-	-	-	-	-	-	-	-	-
			MSSL	11	0.08	6.1	-	-	3700	6.1	110	730	73	73	37	490
Semi-volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 10 U	< 10 U	< 10 U	< 5 UJ	< 10 U	< 10 U	21	32	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 5 U	< 13 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 5 UJ	< 9.5 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 5 U	< 10 U	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 50 UJ	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 10 U	< 10 U	< 10 U	< 5 U	< 10 U	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 50 UJ	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-H-55	N	10/31/2007	< 10 U	< 10 U	< 10 U	< 5 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	< 10 U	< 10 U	6.5 J	< 5 UJ	< 10 U	2.4 J-	5.8 J-	21 J-	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 5 UJ	< 10 U	2.7 J	< 10 U	8.6 J-	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 5 UJ	< 10 U	< 10 U	< 10 U	1.5 J-	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	1.8 J	< 10 U	4.7 J	< 5 UJ	< 50 U	< 10 U	< 10 U	18	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	13	< 10 U	4.7 J	< 5 UJ	180 J+	3.6 J	4.4 J	18	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 5 U	< 9.5 U	< 10 U	5.2 J	11	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 250 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	N	10/25/2007	< 10 U	< 10 U	< 10 U	< 5 U	< 10 U	R	R	R	R	R	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	FD	10/25/2007	< 10 U	< 10 U	< 10 U	< 5 U	< 10 U	R	R	R	R	R	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B18	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 5 U	< 10 U	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 50 UJ	< 10 U	< 10 U	< 10 U

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Table 3-5
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
SVOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	2-Chlorophenol	2-Methylnaphthalene	2-Nitroaniline	2-Nitrophenol	3,3'-Dichlorobenzidine	3-Methylphenol & 4-Methylphenol	3-Nitroaniline	4-Bromophenyl phenyl ether	4-Chloro-3-Methylphenol	4-Chlorophenyl phenyl ether	4-Nitrophenol	Acenaphthene	Acenaphthylene
			MCL	-	-	-	-	-	-	-	-	-	-	-	-	-
			MSSL	30	-	110	-	0.15	180	-	-	-	-	-	370	-
Semi-volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	30	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 10 UJ	< 10 U	< 10 U	< 10 UJ	< 50 U	< 20 UJ	< 10 U	< 10 U	< 10 UJ	< 10 U	< 25 UJ	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 10 UJ	< 10 U	< 10 U	< 10 UJ	< 50 U	< 20 UJ	< 10 U	< 10 U	< 10 UJ	< 10 U	< 25 UJ	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-H-55	N	10/31/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	36	< 10 U	< 10 U	< 10 U	< 50 U	< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	3.9 J	< 10 U	< 10 U	< 10 U	< 50 U	< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	24	< 10 U	< 10 U	< 10 U	< 50 U	< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	79	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 20 U	< 10 U	< 10 U	< 10 U	< 10 U	< 25 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	N	10/25/2007	R	< 10 U	< 10 U	R	< 50 U	R	< 10 U	< 10 U	R	< 10 U	R	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	FD	10/25/2007	R	< 10 U	< 10 U	R	< 50 U	R	< 10 U	< 10 U	R	< 10 U	R	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B18	N	10/26/2007	< 10 UJ	< 10 U	< 10 U	< 10 UJ	< 50 U	< 10 UJ	< 10 U	< 10 U	< 10 UJ	< 10 U	< 25 UJ	< 10 U	< 10 U

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BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
SVOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Acetophenone	Aniline	Anthracene	Azobenzene	Benzenethiol	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Benzoic acid	Benzyl alcohol	Benzyl butyl phthalate
			MCL	-	-	-	-	-	-	0	-	-	-	-	-	-
			MSSL	610	12	1800	0.61	-	0.029	0.0029	0.029	-	0.29	150000	11000	7300
Semi-volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 UJ	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 UJ	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-H-55	N	10/31/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	2.1 J-	< 10 U	< 10 U	< 10 U	8.2 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	6.3 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	11	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	< 10 U	< 10 U	< 10 U	< 10 U	120	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	110	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	N	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	R	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	R	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	FD	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	R	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	R	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B18	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 50 UJ	< 10 U	< 10 U

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Clark County, Nevada

Class	Location	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	Carbazole	Chrysene	Dibenzo(a,h)anthracene	Dibenzofuran	Dibutyl phthalate	Diethyl phthalate	Dimethyl phthalate
			MCL	-	-	-	6	-	-	-	-	-	-	-	-	-
			MSSL	-	0.0098	0.270	4.8	-	-	3.4	2.9	0.0029	12	3700	29000	370000
Semi-volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-H-55	N	10/31/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 10 U	< 10 U	15 J-	< 10 U	33 J-	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	53	1.3 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	< 10 U	< 10 U	< 10 U	< 10 U	880	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	590 J	6 J	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	N	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	FD	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B18	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U

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SVOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Di-n-octyl phthalate	Diphenyl sulfone	Fluoranthene	Fluorene	Hexachlorobenzene	Hexachlorocyclopentadiene	Hydroxymethyl phthalimide	Indeno(1,2,3-cd)pyrene	Isophorone	Naphthalene	Nitrobenzene	N-nitrosodi-n-propylamine	N-nitrosodiphenylamine	o-Cresol
			MCL	-	-	-	-	1.0	50	-	-	-	-	-	-	-	-
			MSSL	-	110	1500	240	0.042	220	-	0.029	71	6.2	3.40	0.0096	14	1800
Semi-volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ
Semi-volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ
Semi-volatile Organic Compounds	GW-H-55	N	10/31/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	19 J-	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	3.5 J-	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	6 J	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	18	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U
Semi-volatile Organic Compounds	GW-B17	N	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	R
Semi-volatile Organic Compounds	GW-B17	FD	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	R
Semi-volatile Organic Compounds	GW-B18	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 UJ

All results are in ug/L.
MCL - maximum contaminant level
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
U - non-detect
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B - non-detect due to blank contamination
1 - Please note laboratory did not report results for these compounds for certain samples.
BJ - result is non-detect due to blank contamination with an estimated detection limit.
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R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate

Table 3-5
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
SVOC Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Octachlorostyrene	p-Chloroaniline	p-Chlorothiophenol	Pentachlorobenzene	Pentachlorophenol	Phenanthrene	Phenol	Phenyl Disulfide	Phenyl Sulfide	p-Nitroaniline	Pyrene	Pyridine
			MCL	-	-	-	-	1	-	-	-	-	-	-	-
			MSSL	-	150	-	29	0.56	-	11000	-	-	-	180	37
Semi-volatile Organic Compounds	GW-AA-BW-01A	N	10/24/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-02A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	1.3 J	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-03A	N	10/26/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	N	10/23/2007	< 10 U	< 10 U	< 10 UJ	< 10 U	< 50 UJ	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-07A	FD	10/23/2007	< 10 U	< 10 U	< 10 UJ	< 10 U	< 50 UJ	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-H-55	N	10/31/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-04A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	6.6 J-	< 10 U	13	1.1 J-	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-05A	N	10/23/2007	< 10 U	< 10 U	11	< 10 U	< 50 U	< 10 U	< 10 U	58 J-	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-06A	N	10/23/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	5.2 J-	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-08A	N	10/25/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	1600 J	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-08B	N	10/24/2007	< 10 U	< 10 U	110	3.6 J	< 50 U	< 10 U	5.5 J	15000 J	26	7.9 J	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-09A	N	10/29/2007	< 10 U	< 10 U	< 10 U	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-AA-BW-12A	N	10/23/2007	< 10 U	< 10 U	3000 J	< 10 U	< 50 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-B17	N	10/25/2007	< 10 U	< 10 U	R	< 10 U	R	< 10 U	R	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-B17	FD	10/25/2007	< 10 U	< 10 U	R	< 10 U	R	< 10 U	R	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U
Semi-volatile Organic Compounds	GW-B18	N	10/26/2007	< 10 U	< 10 U	< 10 UJ	< 10 U	< 50 UJ	< 10 U	< 10 UJ	< 10 U	< 10 U	< 10 U	< 10 U	< 20 U

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Table 3-6
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Organochlorine Pesticides Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	2,4-DDD	2,4-DDE	4,4-DDD	4,4-DDE	4,4-DDT	Aldrin	alpha-BHC	alpha-Chlordane	beta-BHC	Chlordane	delta-BHC	Dieldrin
			MCL	-	-	-	-	-	-	-	-	-	2	-	-
			MSSL	0.280	0.20	0.28	0.20	0.20	0.004	0.02	0.19	0.037	0.19	-	0.0042
Organochlorine Pesticides	GW-AA-BW-01A	N	10/24/2007	R	0.058 J	R	R	R	R	R	R	R	R	6.7	R
Organochlorine Pesticides	GW-AA-BW-02A	N	10/29/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	1.8	< 0.05 U	< 0.05 U	< 0.5 U	1.8 J	< 0.05 U
Organochlorine Pesticides	GW-AA-BW-03A	N	10/26/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.4	< 0.05 U	< 0.05 U	< 0.5 U	0.12 J	< 0.05 U
Organochlorine Pesticides	GW-AA-BW-07A	N	10/23/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	5	< 0.05 U	1.9	< 0.5 U	4.2	< 0.05 U
Organochlorine Pesticides	GW-AA-BW-07A	FD	10/23/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	4.3	< 0.05 U	1.8	< 0.5 U	3	< 0.05 U
Organochlorine Pesticides	GW-H-55	N	10/31/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.086	< 0.05 U	0.4	< 0.5 U	0.56	< 0.05 U
Organochlorine Pesticides	GW-AA-BW-04A	N	10/23/2007	< 0.05 U	0.36 J	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	180	< 0.05 U	50	< 0.5 U	4.3	< 0.05 U
Organochlorine Pesticides	GW-AA-BW-05A	N	10/23/2007	0.17 J	0.34 J	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	21	0.098 J	24	< 0.5 U	2.6 J	< 0.05 U
Organochlorine Pesticides	GW-AA-BW-06A	N	10/23/2007	0.23 J	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	4.1	< 0.05 U	15	< 0.5 U	1.2 J	< 0.05 U
Organochlorine Pesticides	GW-AA-BW-08A	N	10/25/2007	0.96 J	0.34 J	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	320	< 0.05 U	72	< 0.5 U	7.4	0.51 J
Organochlorine Pesticides	GW-AA-BW-08B	N	10/24/2007	69 J	560	19 J	260	1200	< 5 U	4400	8.2 J	1500 J	< 50 U	39 J	260 J
Organochlorine Pesticides	GW-AA-BW-09A	N	10/29/2007	< 0.05 U	< 0.05 U	0.06 J+	< 0.05 U	< 0.05 U	< 0.05 U	7.9 J-	< 0.05 U	< 0.05 U	< 0.5 U	6.1 J-	< 0.05 U
Organochlorine Pesticides	GW-AA-BW-12A	N	10/23/2007	R	R	0.83 J	R	26 J	R	4.7 J	R	R	R	0.27 J	R
Organochlorine Pesticides	GW-B17	N	10/25/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.13 J	< 0.05 U	0.25	< 0.5 U	< 0.05 U	< 0.05 U
Organochlorine Pesticides	GW-B17	FD	10/25/2007	< 0.05 U	0.064 J	< 0.05 U	< 0.05 U	0.09	< 0.05 U	0.24 J	< 0.05 U	0.22	< 0.5 U	< 0.05 U	< 0.05 U
Organochlorine Pesticides	GW-B18	N	10/26/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.16 J+	< 0.05 U	0.33 J+	< 0.5 U	< 0.05 U	< 0.05 U

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Table 3-6
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Organochlorine Pesticides Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Endosulfan I	Endosulfan II	Endosulfan sulfate	Endrin	Endrin aldehyde	Endrin ketone	gamma-Chlordane	Heptachlor	Heptachlor epoxide	gamma-BHC (Lindane)	Methoxychlor	Toxaphene
			MCL	-	-	-	2	-	-	-	0.4	0.2	0.2	40	3
			MSSL	220	220	-	11	-	-	0.19	0.015	0.0074	0.052	180	0.061
Organochlorine Pesticides	GW-AA-BW-01A	N	10/24/2007	R	R	R	R	R	R	R	R	R	R	R	R
Organochlorine Pesticides	GW-AA-BW-02A	N	10/29/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-03A	N	10/26/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-07A	N	10/23/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.06 J	< 0.05 U	< 0.05 U	0.72	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-07A	FD	10/23/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.63	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-H-55	N	10/31/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-04A	N	10/23/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	4.7	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-05A	N	10/23/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	1.2 J	< 0.05 U	< 0.05 U	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-06A	N	10/23/2007	0.21 J	< 0.05 U	< 0.05 U	< 0.05 U	0.1 J	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.12 J	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-08A	N	10/25/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.2 J	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	34	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-08B	N	10/24/2007	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	< 5 U	580	< 10 U	< 200 U
Organochlorine Pesticides	GW-AA-BW-09A	N	10/29/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	10 J-	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-AA-BW-12A	N	10/23/2007	R	R	R	R	R	R	R	R	R	R	R	R
Organochlorine Pesticides	GW-B17	N	10/25/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.053 J	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-B17	FD	10/25/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	0.091	< 0.1 U	< 2 U
Organochlorine Pesticides	GW-B18	N	10/26/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.05 U	< 0.1 U	< 2 U

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Table 3-7
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Organophosphate Pesticides Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Azinphos-ethyl	Azinphos-methyl	Carbophenothion	Carbophenothion-methyl	Chlorpyrifos	Coumaphos	Demeton-O	Demeton-S	Diazinon	Dichlorvos	Dimethoate	Disulfoton	Ethoprophos	Ethyl p-nitrophenyl phenylphosphorothioate
			MCL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
			MSSL	-	-	-	-	110	-	-	-	33	0.23	-	1.5	-	-
Organophosphate Pesticides	GW-AA-BW-01A	N	10/24/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-02A	N	10/29/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-03A	N	10/26/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 UJ	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-07A	N	10/23/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-07A	FD	10/23/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-H-55	N	10/31/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-04A	N	10/23/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-05A	N	10/23/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-06A	N	10/23/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-08A	N	10/25/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-08B	N	10/24/2007	< 60 U	< 250 UJ	800	29 J	< 50 U	< 50 U	< 100 U	< 100 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U	< 50 U
Organophosphate Pesticides	GW-AA-BW-09A	N	10/29/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-AA-BW-12A	N	10/23/2007	< 3 U	< 12 U	40	< 4 U	< 2.5 U	< 2.5 U	< 5 U	< 5 UJ	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U	< 2.5 U
Organophosphate Pesticides	GW-B17	N	10/25/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-B17	FD	10/25/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 U	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U
Organophosphate Pesticides	GW-B18	N	10/26/2007	< 0.6 U	< 2.5 U	< 0.6 U	< 0.8 U	< 0.5 UJ	< 0.5 U	< 1 U	< 1 UJ	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U	< 0.5 U

All results are in ug/L.
MCL - maximum contaminant level
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
U - non-detect
J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to blank contamination with an estimated detection limit.
UJ - estimated detection limit
R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate

Table 3-7
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Organophosphate Pesticides Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Famphur	Fenthion	Malathion	Methyl parathion	Mevinphos	Naled	O,O,O-Triethyl phosphorothioate	Parathion	Phorate	Phosmet	Ronnel	Sulfotep	Tetrachlorvinphos (Stirophos)
			MCL	-	-	-	-	-	-	-	-	-	-	-	-	-
			MSSL	-	-	730	9.1	-	73	-	220	-	-	1800	-	2.8
Organophosphate Pesticides	GW-AA-BW-01A	N	10/24/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 UJ	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-02A	N	10/29/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 U	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-03A	N	10/26/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 U	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 UJ	< 0.5 U	< 2.5 UJ
Organophosphate Pesticides	GW-AA-BW-07A	N	10/23/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 UJ	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-07A	FD	10/23/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 U	0.63	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-H-55	N	10/31/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 UJ	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-04A	N	10/23/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 U	4.3	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-05A	N	10/23/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 U	8.2	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-06A	N	10/23/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 U	2.7	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-08A	N	10/25/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 UJ	0.71 J+	< 0.5 U	0.51 J	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-08B	N	10/24/2007	< 100 U	< 250 U	< 120 U	< 100 U	< 620 U	< 1000 UJ	< 50 U	< 50 U	< 120 U	< 120 U	< 1000 U	< 50 U	< 250 UJ
Organophosphate Pesticides	GW-AA-BW-09A	N	10/29/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 U	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-AA-BW-12A	N	10/23/2007	< 5 U	< 12 U	< 6 U	< 5 U	< 31 U	< 50 UJ	30	< 2.5 U	< 6 U	< 6 U	< 50 U	< 2.5 U	< 12 U
Organophosphate Pesticides	GW-B17	N	10/25/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 UJ	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-B17	FD	10/25/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 UJ	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 U	< 0.5 U	< 2.5 U
Organophosphate Pesticides	GW-B18	N	10/26/2007	< 1 U	< 2.5 U	< 1.2 U	< 1 U	< 6.2 U	< 10 U	< 0.5 U	< 0.5 U	< 1.2 U	< 1.2 U	< 10 UJ	< 0.5 U	< 2.5 UJ

All results are in ug/L.
MCL - maximum contaminant level
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
U - non-detect
J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to blank contamination with an estimated detection limit.
UJ - estimated detection limit
R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate

Table 3-8
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Total Metals Results- 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Aluminum	Antimony	Arsenic	Barium	Beryllium	Boron	Cadmium	Calcium	Chromium (Total)	Chromium (VI)	Cobalt	Copper	Iron
MCL				50	6	10	2000	4	-	5	-	100	-	-	1300	300
MSSL				365000	14.6	0.045	7300	73	7300	18.3	-	54750	109.5	730	1355.7	25550
Metals	GW-AA-BW-01A	N	10/24/2007	< 750 U	< 125 U	336	51	< 50 U	< 5000 U	< 12.5 U	1010000	< 250 U	< 10 UJ	< 50 U	< 25 U	1870
Metals	GW-AA-BW-02A	N	10/29/2007	< 1500 U	< 250 U	210 J	53.9 J	< 25 U	2500	< 25 U	655000	< 500 U	< 10,000 UJ	< 100 U	< 50 U	< 2500 U
Metals	GW-AA-BW-03A	N	10/26/2007	< 750 U	< 125 U	106	39 J	< 12.5 U	3020 J-	< 12.5 U	477000	< 250 U	< 25 UJ	< 50 U	6.7 J	< 1250 U
Metals	GW-AA-BW-07A	N	10/23/2007	< 600 U	< 100 U	89.1 J	37.5 J	< 10 U	1580	< 10 U	278000	< 200 U	< 10 U	< 40 U	6.4 J	< 1000 U
Metals	GW-AA-BW-07A	FD	10/23/2007	< 600 U	< 100 U	88 J	40.4	< 10 U	1640	< 10 U	298000	< 200 U	< 10 U	< 40 U	6.5 J	< 1000 U
Metals	GW-H-55	N	10/31/2007	< 300 U	< 50 U	< 100 U	51.9	< 5 U	1890	0.41 J	168000	< 100 U	< 10,000 UJ	< 20 U	3.8 J	64000
Metals	GW-AA-BW-04A	N	10/23/2007	< 750 U	< 125 U	92.1 J	46.2 J	< 50 U	1660 J	< 12.5 U	368000	< 250 U	< 10 U	< 50 U	12.4 J	< 1250 U
Metals	GW-AA-BW-05A	N	10/23/2007	< 750 U	< 125 U	55.6 J	34.9 J	< 50 U	2000 J	< 12.5 U	353000	< 250 U	< 10 U	< 50 U	13.4 J	< 1250 U
Metals	GW-AA-BW-06A	N	10/23/2007	< 600 U	< 100 U	120 J	32.6 J	< 10 U	1300	< 10 U	209000	< 200 U	< 10 U	< 40 U	5.8 J	< 1000 U
Metals	GW-AA-BW-08A	N	10/25/2007	< 750 U	< 125 U	125 J	30.4 J	< 50 U	1570 J	< 12.5 U	293000	< 250 U	< 10 UJ	< 50 U	< 25 U	< 1250 U
Metals	GW-AA-BW-08B	N	10/24/2007	< 750 U	< 125 U	135 J	33.2 J	< 50 U	1510 J	< 12.5 U	397000	< 250 U	< 10 UJ	< 50 U	10.2 J	< 1250 U
Metals	GW-AA-BW-09A	N	10/29/2007	< 6000 U	< 1000 U	782	< 400 U	< 100 U	< 10000 U	< 100 U	1660000	< 2000 U	< 10,000 UJ	< 400 U	< 200 U	< 10000 U
Metals	GW-AA-BW-12A	N	10/23/2007	4350	< 125 U	445	90.8	< 50 U	2350 J	< 12.5 U	248000	< 250 U	< 10 UJ	< 50 U	15.4 J	3710
Metals	GW-B17	N	10/25/2007	< 600 U	< 100 U	114 J	49.7	< 10 U	1570	< 10 U	189000	< 200 U	< 10 UJ	< 40 U	< 20 U	< 1000 U
Metals	GW-B17	FD	10/25/2007	< 600 U	< 100 U	111 J	46	< 0.5 U	80.9	< 10 U	9510	< 200 U	< 10 UJ	< 40 U	< 20 U	< 1000 U
Metals	GW-B18	N	10/26/2007	444 J+	< 50 U	52.8	41.8	< 5 U	1350 J-	< 5 U	114000	< 100 U	8.3 J-	< 20 U	5.7 J	686

All results are in ug/L, except for Chromium (VI) which is in mg/L.
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BJ - result is non-detect due to blank contamination with an estimated detection limit.
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R - rejected
+ Results is biased high
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N - Primary Sample
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Table 3-8
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Total Metals Results- 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Lead	Lithium	Magnesium	Manganese	Mercury	Molybdenum	Nickel	Niobium	Palladium	Phosphorus (as P)	Platinum	Potassium	Selenium
MCL				15	-	-	50	2	-	-	-	-	-	-	-	50
MSSL				15	-	-	1703.1	11	182.5	730	-	-	-	-	-	182.5
Metals	GW-AA-BW-01A	N	10/24/2007	< 75 U	804 J+	1070000	2020	R	< 125 U	36.6 J	< 625 U	94.6	< 2000 U	< 25 U	28700	< 125 U
Metals	GW-AA-BW-02A	N	10/29/2007	< 150 U	566	682000	1590	< 0.2 U	34.6 J	< 250 U	< 1250 U	47	< 1000 U	< 50 U	18900	< 250 U
Metals	GW-AA-BW-03A	N	10/26/2007	< 75 U	446	418000	1280	< 0.2 U	< 125 U	17.6 J	< 625 U	41.1	< 500 U	< 25 U	16600	< 125 U
Metals	GW-AA-BW-07A	N	10/23/2007	< 60 U	217 J+	126000	22.6 J	< 0.2 U	< 100 U	< 100 U	< 500 U	13.3	< 400 U	< 20 U	19500	< 100 U
Metals	GW-AA-BW-07A	FD	10/23/2007	< 60 U	227 J+	141000	24.5 J	< 0.2 U	< 100 U	10.1 J	< 500 U	14.8	< 400 U	< 20 U	21300	< 100 U
Metals	GW-H-55	N	10/31/2007	< 30 U	159	66400	705	< 0.2 U	4.6 J	5.6 J	< 250 UJ	5.1	< 200 U	< 10 U	21700	< 50 U
Metals	GW-AA-BW-04A	N	10/23/2007	< 75 U	412 J+	395000	519	< 0.2 U	< 125 U	19 J	< 625 U	31.7	< 2000 U	< 25 U	43400	< 125 U
Metals	GW-AA-BW-05A	N	10/23/2007	< 75 U	377 J+	367000	355	< 0.2 U	< 125 U	17.6 J	< 625 U	43.7	3330	< 25 U	51300	< 125 U
Metals	GW-AA-BW-06A	N	10/23/2007	< 60 U	219 J+	153000	135	< 0.2 U	< 100 U	< 100 U	< 500 U	10.2	< 400 U	< 20 U	24400	< 100 U
Metals	GW-AA-BW-08A	N	10/25/2007	< 75 U	398 J+	353000	80.9	< 0.2 U	< 125 U	14.7 J	< 625 U	38.1	< 2000 U	< 25 U	28300	< 125 U
Metals	GW-AA-BW-08B	N	10/24/2007	< 75 U	387 J+	409000	523	0.097 J-	< 125 U	19.2 J	< 625 U	36.6	< 2000 U	< 25 U	38000	< 125 U
Metals	GW-AA-BW-09A	N	10/29/2007	< 600 U	918 J	2270000	2680	< 0.2 U	66.9 J	< 1000 U	< 5000 U	133	< 4000 U	< 200 U	82600	< 1000 U
Metals	GW-AA-BW-12A	N	10/23/2007	< 75 U	374 J+	271000	1320	R	< 125 U	18.8 J	< 625 U	23.2	90800	< 25 U	46500	< 125 U
Metals	GW-B17	N	10/25/2007	< 60 U	189 J+	98400	121	R	< 100 U	< 100 U	< 500 U	11.4	< 400 U	< 20 U	17000	< 100 U
Metals	GW-B17	FD	10/25/2007	< 60 U	193 J+	93400	106	R	< 100 U	< 100 U	< 500 U	10.5	< 20 U	< 20 U	16500	< 100 U
Metals	GW-B18	N	10/26/2007	< 30 U	136	53900	137	< 0.2 U	< 50 U	20.4 J	< 250 U	6	< 200 U	< 10 U	13000	< 50 U

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Table 3-8
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Total Metals Results- 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Silicon	Silver	Sodium	Strontium	Sulfur	Thallium	Tin	Titanium	Tungsten	Uranium	Vanadium	Zinc	Zirconium
MCL				-	100	-	-	-	2	-	-	-	30	-	500	-
MSSL				-	182.5	-	21900	-	2.6	21900	146000	-	7.3	182.5	10950	-
Metals	GW-AA-BW-01A	N	10/24/2007	54100	< 50 U	2780000	24900	707000	< 50 U	< 50 U	< 200 U	< 125 U	31.5	< 250 U	< 250 UJ	< 125 U
Metals	GW-AA-BW-02A	N	10/29/2007	45100	< 100 U	1640000	21000	418000	< 100 U	< 100 U	< 100 U	< 250 UJ	61.4	< 500 U	236 J	< 250 U
Metals	GW-AA-BW-03A	N	10/26/2007	42200 J+	< 50 U	1200000	13900	409000	< 50 U	< 50 U	< 50 U	< 125 U	72.8	< 250 U	< 250 U	< 125 U
Metals	GW-AA-BW-07A	N	10/23/2007	42400	< 40 U	681000	5080	337000	< 40 U	< 40 U	< 40 U	< 100 U	14.3 J	123 J	< 200 UJ	< 100 U
Metals	GW-AA-BW-07A	FD	10/23/2007	47000	< 40 U	759000	5600	361000	< 40 U	< 40 U	< 40 U	< 100 U	15 J	120 J	< 200 UJ	< 100 U
Metals	GW-H-55	N	10/31/2007	6870	< 20 U	664000	3140 J+	229000	< 20 U	< 20 U	< 20 U	< 50 U	< 10 U	< 100 U	< 100 U	< 50 U
Metals	GW-AA-BW-04A	N	10/23/2007	64400	< 50 U	7020000	10200	923000	< 50 U	< 50 U	< 200 U	< 125 U	32.8	< 250 U	< 250 UJ	< 125 U
Metals	GW-AA-BW-05A	N	10/23/2007	63700	< 50 U	7510000	14600	1260000	< 50 U	< 50 U	< 200 U	< 125 U	13.2 J	< 250 U	< 250 UJ	< 125 U
Metals	GW-AA-BW-06A	N	10/23/2007	62800	< 40 U	958000	3700	305000	< 40 U	< 40 U	< 40 U	< 100 U	< 20 U	< 200 U	< 200 UJ	< 100 U
Metals	GW-AA-BW-08A	N	10/25/2007	72900	< 50 U	6010000	11700	781000	< 50 U	< 50 U	< 200 U	< 125 U	9.9 J	< 250 U	< 250 UJ	< 125 U
Metals	GW-AA-BW-08B	N	10/24/2007	56600	< 50 U	< 5000 U	11500	882000	< 50 U	< 50 U	< 200 U	< 125 U	< 25 U	< 250 U	< 250 UJ	< 125 U
Metals	GW-AA-BW-09A	N	10/29/2007	47100 J	< 400 U	15300000	53500	1470000	< 400 U	< 400 U	< 400 U	< 1000 U	265	< 2000 U	978 J	< 1000 U
Metals	GW-AA-BW-12A	N	10/23/2007	62300	< 50 U	< 5000 U	7380	1410000	< 50 U	< 50 U	334	< 125 U	< 25 U	< 250 U	< 250 UJ	< 125 U
Metals	GW-B17	N	10/25/2007	35000	< 40 U	776000	3720	340000	< 40 U	< 40 U	< 40 U	< 100 U	7 J	< 200 U	< 200 UJ	< 100 U
Metals	GW-B17	FD	10/25/2007	1830	< 40 U	752000	3550	336000	< 40 U	< 40 U	< 2 U	< 100 U	6.6 J	< 200 U	< 200 UJ	< 100 U
Metals	GW-B18	N	10/26/2007	28700 J+	< 20 U	376000	2230	195000	< 20 U	< 20 U	9.6 J	< 50 U	8.7 J	< 100 U	< 100 U	< 50 U

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Table 3-9
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Dioxin and Furan Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	1,2,3,4,6,7,8-Heptachlorodibenzofuran	1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin	1,2,3,4,7,8-Heptachlorodibenzofuran	1,2,3,4,7,8-Hexachlorodibenzofuran	1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin	1,2,3,6,7,8-Hexachlorodibenzofuran	1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin	1,2,3,7,8,9-Hexachlorodibenzofuran	1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin
			MCL	-	-	-	-	-	-	-	-	-
			MSSL	-	-	-	-	-	-	-	-	10.84
Dioxins/Furans Chemical	GW-AA-BW-01A	N	10/24/2007	< 3.7 U	< 5.7 U	< 4.3 U	< 3.2 U	< 4.7 U	< 3.2 U	< 5.1 U	< 3.3 U	< 3.9 U
Dioxins/Furans Chemical	GW-AA-BW-02A	N	10/29/2007	< 1.8 U	< 3 U	< 2.1 U	< 2 U	< 2.6 U	< 2 U	< 2.8 U	< 2.1 U	< 2.2 U
Dioxins/Furans Chemical	GW-AA-BW-03A	N	10/26/2007	< 6.5 U	< 7.7 U	< 4.7 U	< 4.4 U	< 6.2 U	< 4.1 U	< 6.6 U	< 4.8 U	< 5.3 U
Dioxins/Furans Chemical	GW-AA-BW-07A	N	10/23/2007	< 1.4 U	< 2.6 U	< 1.7 U	< 2.4 U	< 2.7 U	< 2.3 U	< 2.9 U	< 2.5 U	< 2.2 U
Dioxins/Furans Chemical	GW-AA-BW-07A	FD	10/23/2007	< 2.1 U	< 2.5 U	< 1.3 U	< 1.9 U	< 2.4 U	< 1.9 U	< 2.6 U	< 2 U	< 2 U
Dioxins/Furans Chemical	GW-H-55	N	10/31/2007	< 13 U	< 18 U	< 15 U	< 7.8 U	< 11 U	< 7.7 U	< 12 U	< 8.1 U	< 9.2 U
Dioxins/Furans Chemical	GW-AA-BW-04A	N	10/23/2007	< 1.3 U	< 3.2 U	< 1.6 U	< 2.5 U	< 2.9 U	< 2.4 U	< 3.1 U	< 2.6 U	< 2.4 U
Dioxins/Furans Chemical	GW-AA-BW-05A	N	10/23/2007	< 1.6 U	< 2.7 U	< 1.8 U	< 2.2 U	< 2.9 U	< 2.2 U	< 3.1 U	< 2.3 U	< 2.4 U
Dioxins/Furans Chemical	GW-AA-BW-06A	N	10/23/2007	< 1.6 U	< 2.8 U	< 1.8 U	< 2.4 U	< 3.2 U	< 2.3 U	< 3.4 U	< 2.5 U	< 2.6 U
Dioxins/Furans Chemical	GW-AA-BW-08A	N	10/25/2007	< 3.1 U	< 6.7 U	< 3.6 U	< 4.1 U	< 12 U	< 3.9 U	< 12 U	< 4.5 U	< 10 U
Dioxins/Furans Chemical	GW-AA-BW-08B	N	10/24/2007	< 400 U	< 680 U	< 460 U	< 340 U	< 530 U	< 340 U	< 570 U	< 360 U	< 440 U
Dioxins/Furans Chemical	GW-AA-BW-09A	N	10/29/2007	< 2 U	< 3.5 U	< 2.4 U	< 1.9 U	< 3.6 U	< 1.8 U	< 3.9 U	< 2 U	< 3 U
Dioxins/Furans Chemical	GW-AA-BW-12A	N	10/23/2007	< 29 U	< 65 U	< 34 U	< 20 U	< 33 U	< 19 U	< 35 U	< 21 U	< 27 U
Dioxins/Furans Chemical	GW-B17	N	10/25/2007	< 4.2 U	< 8.3 U	< 4.9 U	< 4.5 U	< 5.9 U	< 4.2 U	< 6.3 U	< 4.8 U	< 5 U
Dioxins/Furans Chemical	GW-B17	FD	10/25/2007	< 4.3 U	< 7.9 U	< 4.9 U	< 4 U	< 6.3 U	< 3.8 U	< 6.7 U	< 4.4 U	< 5.4 U
Dioxins/Furans Chemical	GW-B18	N	10/26/2007	< 4.5 U	< 5.7 U	< 5.3 U	< 4.9 U	< 5.3 U	< 4.6 U	< 5.7 U	< 5.3 U	< 4.6 U

All results are in pg/L.
MCL - maximum contaminant level
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
BJ - result is non-detect due to blank contamination with an estimated detection limit.
U - non-detect
J - estimated value
B - non-detect due to blank contamination
UJ - estimated detection limit
R - rejected

+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate

Table 3-9
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Dioxin and Furan Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	1,2,3,7,8-Pentachlorodibenzofuran	1,2,3,7,8-Pentachlorodibenzo-p-dioxin	2,3,4,6,7,8-Hexachlorodibenzofuran	2,3,4,7,8-Pentachlorodibenzofuran	2,3,7,8-Tetrachlorodibenzofuran	2,3,7,8-Tetrachlorodibenzo-p-dioxin	Octachlorodibenzodioxin	Octachlorodibenzofuran
			MCL	-	-	-	-	-	30	-	-
			MSSL	-	-	-	-	-	0.448	-	-
Dioxins/Furans Chemical	GW-AA-BW-01A	N	10/24/2007	< 2.3 U	< 5.2 U	< 3.3 U	< 2.4 U	< 2.2 U	< 3.4 U	< 4.8 U	< 4.3 U
Dioxins/Furans Chemical	GW-AA-BW-02A	N	10/29/2007	< 3.2 U	< 5.2 U	< 2.1 U	< 3.3 U	< 2.2 U	< 3.5 U	< 4.7 U	< 4.1 U
Dioxins/Furans Chemical	GW-AA-BW-03A	N	10/26/2007	< 6 U	< 9.5 U	< 4.6 U	< 5.9 U	< 3.7 U	< 6.2 U	< 9.1 U	< 11 U
Dioxins/Furans Chemical	GW-AA-BW-07A	N	10/23/2007	< 2.3 U	< 4.1 U	< 2.5 U	< 2.4 U	< 1.8 U	< 2.6 U	< 3.7 U	< 4.2 U
Dioxins/Furans Chemical	GW-AA-BW-07A	FD	10/23/2007	< 2.2 U	< 3.4 U	< 2 U	< 2.2 U	< 1.7 U	< 3 U	< 3.9 U	< 4.1 U
Dioxins/Furans Chemical	GW-H-55	N	10/31/2007	< 13 U	< 19 U	< 8.1 U	< 13 U	< 4.4 U	< 6.3 U	< 17 U	< 19 U
Dioxins/Furans Chemical	GW-AA-BW-04A	N	10/23/2007	< 2.7 U	< 4.4 U	< 2.6 U	< 2.8 U	< 2.2 U	< 3.2 U	< 14 U	< 5.3 U
Dioxins/Furans Chemical	GW-AA-BW-05A	N	10/23/2007	< 2.4 U	< 41 U	< 2.3 U	< 2.5 U	< 3.6 U	< 88 U	< 11 U	< 4.1 U
Dioxins/Furans Chemical	GW-AA-BW-06A	N	10/23/2007	< 2.3 U	< 5.9 U	< 2.5 U	< 2.3 U	< 2.3 U	< 6.6 U	< 8.1 U	< 5.1 U
Dioxins/Furans Chemical	GW-AA-BW-08A	N	10/25/2007	< 5.6 U	< 130 U	< 4.4 U	< 5.5 U	< 5.5 U	< 580 U	< 12 U	< 6.8 U
Dioxins/Furans Chemical	GW-AA-BW-08B	N	10/24/2007	< 560 U	< 890 U	< 360 U	< 570 U	< 390 U	< 410 U	< 1300 U	< 1100 U
Dioxins/Furans Chemical	GW-AA-BW-09A	N	10/29/2007	< 3.3 U	< 4.9 U	< 2 U	< 3.4 U	< 2.1 U	< 2.6 U	< 4.4 U	< 4.5 U
Dioxins/Furans Chemical	GW-AA-BW-12A	N	10/23/2007	< 22 UJ	< 71 UJ	< 21 U	< 23 UJ	< 39 U	< 430 U	< 460 U	< 49 U
Dioxins/Furans Chemical	GW-B17	N	10/25/2007	< 5.9 U	< 8.5 U	< 4.7 U	< 5.8 U	< 3.9 U	< 6.8 U	< 8.5 U	< 11 U
Dioxins/Furans Chemical	GW-B17	FD	10/25/2007	< 6.2 U	< 8 U	< 4.3 U	< 6 U	< 3.8 U	< 6.6 U	< 6.3 U	< 10 U
Dioxins/Furans Chemical	GW-B18	N	10/26/2007	< 6 U	< 8.5 U	< 5.2 U	< 5.9 U	< 4.1 U	< 6.4 U	< 16 U	< 10 U

All results are in pg/L.
MCL - maximum contaminant level
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
BJ - result is non-detect due to blank contamination with an estimated detection limit.
U - non-detect
J - estimated value
B - non-detect due to blank contamination
UJ - estimated detection limit
R - rejected

+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate

Table 3-10
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
General Chemistry and Perchlorate Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Alkalinity	Ammonia	Bicarbonate alkalinity	Bromide	Bromine	Carbonate alkalinity	Chlorate	Chloride	Chlorine	Chlorite
				mg/l	ug/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	mg/l	ug/l
			MCL	-	-	-	-	-	-	-	250	-	1000
			MSSL	-	208.6	-	-	-	-	-	-	3.65	-
General Chemistry	GW-AA-BW-01A	N	10/24/2007	193	20.1 J	193	< 2.5 U	< 5 U	< 5 U	< 5 U	7180	14400	< 1000 U
General Chemistry	GW-AA-BW-02A	N	10/29/2007	158	25.5 J	158	< 2.5 U	< 5 U	< 5 U	< 5 U	5090	10200	< 1000 U
General Chemistry	GW-AA-BW-03A	N	10/26/2007	168	13.7 J	168	< 2.5 U	< 5 U	< 5 U	< 5 U	3190	6380	< 400 U
General Chemistry	GW-AA-BW-07A	N	10/23/2007	189	< 50 U	189	3.3 J+	6.5 J+	< 5 U	< 5 U	1130	2250	< 100 U
General Chemistry	GW-AA-BW-07A	FD	10/23/2007	169	12.2 J	169	2.2 J+	4.4 J+	< 5 U	< 5 U	1410	2820	< 200 U
General Chemistry	GW-H-55	N	10/31/2007	111	106	111	1.8 J	3.6 J	< 5 U	< 0.5 U	862	1720	< 400 U
General Chemistry	GW-AA-BW-04A	N	10/23/2007	484	261	484	19.4 J+	38.9 J+	< 10 U	< 5 U	10100	20200	< 1000 U
General Chemistry	GW-AA-BW-05A	N	10/23/2007	788	816	788	< 25 U	< 50 U	< 10 U	< 5 U	9110	18200	< 1000 U
General Chemistry	GW-AA-BW-06A	N	10/23/2007	233	1170	233	< 2.5 U	< 5 U	< 5 U	< 5 U	1460	2930	< 400 U
General Chemistry	GW-AA-BW-08A	N	10/25/2007	327	109	327	< 25 U	< 50 U	< 5 U	< 5 U	9200	18400	< 1000 U
General Chemistry	GW-AA-BW-08B	N	10/24/2007	262	487	262	< 25 U	< 50 U	< 5 U	< 5 U	12100	24300	< 1000 U
General Chemistry	GW-AA-BW-09A	N	10/29/2007	386	197	386	< 25 U	< 50 U	< 5 U	< 5 U	31100	62300	< 4000 U
General Chemistry	GW-AA-BW-12A	N	10/23/2007	3030	899	3030	< 25 U	< 50 U	< 50 U	< 5 U	7470	14900	< 4000 U
General Chemistry	GW-B17	N	10/25/2007	145	< 50 U	145	< 2.5 U	< 5 U	< 5 U	< 5 U	1020	2040	< 400 U
General Chemistry	GW-B17	FD	10/25/2007	152	< 50 U	152	2.3 J+	4.6 J+	< 5 U	< 5 U	1010	2020	< 400 U
General Chemistry	GW-B18	N	10/26/2007	144	382	144	0.85 J+	1.7 J+	< 5 U	1.5 J	482	963	< 100 U

All units are indicated below each analyte name.
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J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to blank contamination with an estimated detection limit.
UJ - estimated detection limit
R - rejected
+ Result is biased high
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N - Primary Sample
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NA - Not Analyzed

Table 3-10
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
General Chemistry and Perchlorate Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Conductivity	Fluoride	Hardness, Total	Hydroxide alkalinity	Iodide	Ion Balance Difference	Nitrate (as N)	Nitrite (as N)	Orthophosphate as P	Perchlorate
				umhos/cm	mg/l	mg/l	mg/l	mg/l	percent	mg/l	mg/l	mg/l	ug/l
			MCL	-	4	-	-	-	-	10.0	1	-	24.5
			MSSL	-	2.19	-	-	-	-	10.0	1	-	-
General Chemistry	GW-AA-BW-01A	N	10/24/2007	22100	1.9	5780	< 5 U	< 10 U	2.4	< 0.2 U	< 2 U	< 5 U	< 400 UJ
General Chemistry	GW-AA-BW-02A	N	10/29/2007	15500	1.1	3550	< 5 U	< 10 UJ	4.3	< 0.2 U	R	157 J	< 800 UJ
General Chemistry	GW-AA-BW-03A	N	10/26/2007	10000	0.5 J	2190	< 5 U	< 2 UJ	2.2	< 0.2 U	R	< 5 U	< 400 U
General Chemistry	GW-AA-BW-07A	N	10/23/2007	6060	2.7	960	< 5 U	40.9 J+	0.26	0.7 J-	< 2 UJ	< 5 UJ	69.2
General Chemistry	GW-AA-BW-07A	FD	10/23/2007	5880	2	1100	< 5 U	43 J+	1.6	0.57 J-	< 2 UJ	< 5 UJ	69.1
General Chemistry	GW-H-55	N	10/31/2007	4670	1.5	500	< 5 U	< 5 U	1.5	0.91 J	R	R	104
General Chemistry	GW-AA-BW-04A	N	10/23/2007	34500	< 1 U	2120	< 10 U	< 1 UJ	1.7	< 0.2 UJ	< 2 UJ	< 5 UJ	< 200 U
General Chemistry	GW-AA-BW-05A	N	10/23/2007	34100	0.75 J	2050	< 10 U	22.1 J+	4.7	< 0.2 UJ	< 20 UJ	< 5 UJ	< 200 U
General Chemistry	GW-AA-BW-06A	N	10/23/2007	7410	2.8	1020	< 5 U	40.5 J+	1.2	< 0.2 UJ	< 2 UJ	< 5 UJ	< 800 UJ
General Chemistry	GW-AA-BW-08A	N	10/25/2007	27500	< 1 U	1880	< 5 U	< 10 UJ	0.69	< 0.2 UJ	R	< 5 UJ	< 400 U
General Chemistry	GW-AA-BW-08B	N	10/24/2007	36100	0.33 J	2350	< 5 U	< 10 UJ	0.72	< 0.2 U	< 2 U	< 5 U	< 200 U
General Chemistry	GW-AA-BW-09A	N	10/29/2007	77400	7	9150	< 5 U	< 50 U	2.2	< 0.2 U	R	< 5 UJ	< 2000 UJ
General Chemistry	GW-AA-BW-12A	N	10/23/2007	30400	< 1 U	1720	< 50 U	498 J+	2.5	< 0.2 U	< 2 U	87.7 J+	< 4000 UJ
General Chemistry	GW-B17	N	10/25/2007	5000	< 1 U	720	< 5 U	80.7 J	0.03 J	0.23 J-	R	< 5 UJ	113
General Chemistry	GW-B17	FD	10/25/2007	5000	0.76	760	< 5 U	41.8 J	1.7	0.37 J-	R	0.74 J	122
General Chemistry	GW-B18	N	10/26/2007	2650	0.34 J	506	< 5 U	4.2 J+	1.5	0.33	R	< 5 U	42.5

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J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to blank contamination with an estimated detection limit.
UJ - estimated detection limit
R - rejected
+ Result is biased high
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NA - Not Analyzed

Table 3-10
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
General Chemistry and Perchlorate Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	pH (Hydrogen Ion)	Sulfate	Sulfite	Total Dissolved Solids	Total Inorganic Carbon	Total Kjeldahl Nitrogen (TKN)	Total Organic Carbon	Total Suspended Solids
				none	mg/l	mg/L	mg/l	mg/l	mg/l	mg/l	mg/l
			MCL	9	250	-	500	-	-	-	-
			MSSL	-	-	-	-	-	-	-	-
General Chemistry	GW-AA-BW-01A	N	10/24/2007	7.1 J	1990	NA	19400 J-	79	< 0.5 U	5 J-	52
General Chemistry	GW-AA-BW-02A	N	10/29/2007	7.3	1370	NA	11900 J-	49.5	< 0.5 U	2.3	12
General Chemistry	GW-AA-BW-03A	N	10/26/2007	7.1 J	1090	9.2	7160 J-	35	< 0.5 U	2.9	24
General Chemistry	GW-AA-BW-07A	N	10/23/2007	7.2 J	912	NA	4400 J-	46	< 0.5 U	1.1 J-	8
General Chemistry	GW-AA-BW-07A	FD	10/23/2007	7.1 J	900	NA	4500 J-	45.7	< 0.5 U	1.2 J-	5
General Chemistry	GW-H-55	N	10/31/2007	6.7 J	779	NA	4000 J-	27.3	< 0.5 U	1.2	67
General Chemistry	GW-AA-BW-04A	N	10/23/2007	7.3	2470	NA	22900 J-	131	< 0.5 U	3.3 J-	23
General Chemistry	GW-AA-BW-05A	N	10/23/2007	7.2 J	3420	NA	25100 J-	167	0.78	3.2 J-	35
General Chemistry	GW-AA-BW-06A	N	10/23/2007	7.5	837	NA	4700 J-	58.7	1	3 J-	13
General Chemistry	GW-AA-BW-08A	N	10/25/2007	7.4 J	2100	NA	22800 J-	87.6	0.7	2 J-	22
General Chemistry	GW-AA-BW-08B	N	10/24/2007	7.4 J	2490	NA	28000 J-	92.7	< 0.5 U	3.4 J-	79
General Chemistry	GW-AA-BW-09A	N	10/29/2007	7.1	4540	NA	60000 J-	123	< 0.5 U	3.5	187
General Chemistry	GW-AA-BW-12A	N	10/23/2007	7.2 J	3500	NA	23400 J-	168	1.4	168 J-	136
General Chemistry	GW-B17	N	10/25/2007	7.4 J	966	NA	4420 J-	38	0.36 J	1 J-	17 J+
General Chemistry	GW-B17	FD	10/25/2007	7.4 J	987	NA	3360 J-	36.7	< 0.5 U	< 1 UJ	13 J+
General Chemistry	GW-B18	N	10/26/2007	7.3 J	542	9.6	2020 J-	38.9	< 0.5 U	< 1 U	8

All units are indicated below each analyte name.
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J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to blank contamination with an estimated detection limit.
UJ - estimated detection limit
R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
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NA - Not Analyzed

Table 3-11
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Aldehydes Results-2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Acetaldehyde	Chloral	Chloroacetaldehyde	Dichloroacetaldehyde	Formaldehyde
MCL				-	-	-	-	-
MSSL				1.75	3650	-	-	1.46
Aldehyde	GW-AA-BW-01A	N	10/24/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	24 J
Aldehyde	GW-AA-BW-02A	N	10/29/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	58 J
Aldehyde	GW-AA-BW-03A	N	10/26/2007	< 30 UJ	< 150 U	< 10 UJ	< 350 UJ	< 60 UJ
Aldehyde	GW-AA-BW-07A	N	10/23/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	49 J
Aldehyde	GW-AA-BW-07A	FD	10/23/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	< 60 U
Aldehyde	GW-H-55	N	10/31/2007	9.6 J	< 150 U	5.6 J	< 350 UJ	< 170 UJ
Aldehyde	GW-AA-BW-04A	N	10/23/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	< 60 U
Aldehyde	GW-AA-BW-05A	N	10/23/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	< 60 U
Aldehyde	GW-AA-BW-06A	N	10/23/2007	4.5 J	< 150 U	< 10 U	< 350 UJ	< 60 U
Aldehyde	GW-AA-BW-08A	N	10/25/2007	6.4 J	< 150 U	< 10 U	< 350 UJ	180
Aldehyde	GW-AA-BW-08B	N	10/24/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	< 60 U
Aldehyde	GW-AA-BW-09A	N	10/29/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	65
Aldehyde	GW-AA-BW-12A	N	10/23/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	44 J
Aldehyde	GW-B17	N	10/25/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	< 140 U
Aldehyde	GW-B17	FD	10/25/2007	< 30 U	< 150 U	< 10 U	< 350 UJ	< 130 U
Aldehyde	GW-B18	N	10/26/2007	< 30 UJ	< 150 U	< 10 UJ	< 350 UJ	42 J-

All results are in ug/L.

MCL - maximum contaminant level

MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels

BOLD - Detection is greater than the MCL or MSSL

U - non-detect

J - estimated value

B - non-detect due to blank contamination

BJ - result is non-detect due to blank contamination with an estimated detection limit.

UJ - estimated detection limit

R - rejected

+ Result is biased high

- Result is biased low

N - Primary Sample

FD - Field Duplicate

Table 3-12

**BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Glycol and Alcohol Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada**

Class	Location	Sample Type	Sample Date	Ethanol
				-
			MCL	-
			MSSL	-
Glycols/Alcohols	GW-AA-BW-01A	N	10/24/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-02A	N	10/29/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-03A	N	10/26/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-07A	N	10/23/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-07A	FD	10/23/2007	< 250 UJ
Glycols/Alcohols	GW-H-55	N	10/31/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-04A	N	10/23/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-05A	N	10/23/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-06A	N	10/23/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-08A	N	10/25/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-08B	N	10/24/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-09A	N	10/29/2007	< 250 UJ
Glycols/Alcohols	GW-AA-BW-12A	N	10/23/2007	< 12000 UJ
Glycols/Alcohols	GW-B17	N	10/25/2007	< 250 UJ
Glycols/Alcohols	GW-B17	FD	10/25/2007	< 250 UJ
Glycols/Alcohols	GW-B18	N	10/26/2007	< 250 UJ

All results are in ug/L.

MCL - maximum contaminant level

MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels

BOLD - Detection is greater than the MCL or MSSL

U - non-detect

J - estimated value

B - non-detect due to blank contamination

BJ - result is non-detect due to blank contamination with an estimated detection limit.

UJ - estimated detection limit

R - rejected

+ Result is biased high

- Result is biased low

N - Primary Sample

FD - Field Duplicate

Table 3-13
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Organic Acids Results-2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Gradient	Location	Sample Type	Sample Date	4-Chlorobenzenesulfonic acid	Benzenesulfonic acid	Diethyl phosphorodithioic acid	Dimethyl phosphorodithioic acid	Phthalic acid
MCL					-	-	-	-	-
MSSL					-	-	-	-	-
Organic Acids	Cross-Gradient	GW-AA-BW-01A	N	10/24/2007	81	0.053	< 0.05 U	0.74	< 0.05 U
Organic Acids	Cross-Gradient	GW-AA-BW-02A	N	10/29/2007	18	< 0.05 U	< 0.05 U	< 0.25 U	< 0.05 U
Organic Acids	Cross-Gradient	GW-AA-BW-03A	N	10/26/2007	21	< 0.05 U	< 0.05 U	< 0.25 U	< 0.05 U
Organic Acids	Cross-Gradient	GW-AA-BW-07A	N	10/23/2007	0.062	< 0.05 U	< 0.05 U	< 0.25 U	< 0.05 U
Organic Acids	Cross-Gradient	GW-AA-BW-07A	FD	10/23/2007	0.1	< 0.05 U	< 0.05 U	< 0.25 U	< 1.0 UJ
Organic Acids	Cross-Gradient	GW-H-55	N	10/31/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.25 U	< 0.05 U
Organic Acids	Down-Gradient	GW-AA-BW-04A	N	10/23/2007	9.7	1.1	0.14	1.6	< 0.05 U
Organic Acids	Down-Gradient	GW-AA-BW-05A	N	10/23/2007	7.3	3.1	13	0.72	< 0.05 U
Organic Acids	Down-Gradient	GW-AA-BW-06A	N	10/23/2007	4.4	0.31	0.35	< 0.25 U	< 0.05 U
Organic Acids	Up-Gradient	GW-AA-BW-08A	N	10/25/2007	5.3	0.18	0.081	< 0.25 U	0.081
Organic Acids	Up-Gradient	GW-AA-BW-08B	N	10/24/2007	10	0.25	< 0.05 U	0.85	0.55
Organic Acids	Up-Gradient	GW-AA-BW-09A	N	10/29/2007	66	< 0.05 U	< 0.05 U	0.84	< 0.05 U
Organic Acids	Up-Gradient	GW-AA-BW-12A	N	10/23/2007	51	140	200	16	1.9
Organic Acids	Up-Gradient	GW-B17	N	10/25/2007	0.088	0.11	< 0.05 U	< 0.25 U	< 0.05 U
Organic Acids	Up-Gradient	GW-B17	FD	10/25/2007	0.077	0.13	< 0.05 U	< 0.25 U	< 0.05 U
Organic Acids	Up-Gradient	GW-B18	N	10/26/2007	< 0.05 U	< 0.05 U	< 0.05 U	< 0.25 U	< 0.05 U

All results are in mg/L.
MCL - maximum contaminant level
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
U - non-detect
J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to blank contamination with an estimated detection limit.
UJ - estimated detection limit

R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate

Table 3-14
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
PCB Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Aroclor 1016	Aroclor 1221	Aroclor 1232	Aroclor 1242	Aroclor 1248	Aroclor 1254	Aroclor 1260	PCB 105 (BZ)	PCB 114 (BZ)
				ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	pg/l	pg/l
			MCL	0.5	1	1	1	1	1	1	-	-
			MSSL	0.96	0.034	0.034	0.034	0.034	0.034	0.034	-	-
Polychlorinated Biphenyls	GW-AA-BW-01A	N	10/24/2007	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 1 UJ	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-02A	N	10/29/2007	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-03A	N	10/26/2007	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-07A	N	10/23/2007	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-07A	FD	10/23/2007	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-H-55	N	10/31/2007	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-04A	N	10/23/2007	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-05A	N	10/23/2007	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 100 U	< 100 U
Polychlorinated Biphenyls	GW-AA-BW-06A	N	10/23/2007	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 10 UJ	< 100 U	< 100 U
Polychlorinated Biphenyls	GW-AA-BW-08A	N	10/25/2007	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 200 U	< 200 U
Polychlorinated Biphenyls	GW-AA-BW-08B	N	10/24/2007	< 500 UJ	< 500 UJ	< 500 UJ	< 500 UJ	< 500 UJ	< 500 UJ	< 500 UJ	< 2000 U	< 2000 U
Polychlorinated Biphenyls	GW-AA-BW-09A	N	10/29/2007	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-12A	N	10/23/2007	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 4 UJ	< 2000 U	< 2000 U
Polychlorinated Biphenyls	GW-B17	N	10/25/2007	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-B17	FD	10/25/2007	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-B18	N	10/26/2007	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 4 U	< 20 U	< 20 U

All units are indicated below each analyte name.
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MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
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UJ - estimated detection limit
R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate

Table 3-14
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
PCB Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	PCB 118 (BZ) pg/l	PCB 123 (BZ) pg/l	PCB 126 (BZ) pg/l	PCB 156 (BZ) pg/l	PCB 157 (BZ) pg/l	PCB 167 (BZ) pg/l	PCB 169 (BZ) pg/l	PCB 189 (BZ) pg/l	PCB 77 (BZ) pg/l	PCB 81 (BZ) pg/l
MCL				-	-	-	-	-	-	-	-	-	-
MSSL				-	-	-	-	-	-	-	-	-	-
Polychlorinated Biphenyls	GW-AA-BW-01A	N	10/24/2007	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-02A	N	10/29/2007	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-03A	N	10/26/2007	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-07A	N	10/23/2007	< 20 U	< 20 U	< 20 U	< 20 UJ	< 20 U	< 20 U	< 20 UJ	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-07A	FD	10/23/2007	< 20 U	< 20 U	< 20 U	< 20 UJ	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-H-55	N	10/31/2007	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-04A	N	10/23/2007	< 20 U	< 20 U	< 20 U	< 20 UJ	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-05A	N	10/23/2007	< 100 U	< 100 U	< 100 U	< 100 UJ	< 100 U	< 100 U	< 100 UJ	< 100 U	< 100 U	< 100 U
Polychlorinated Biphenyls	GW-AA-BW-06A	N	10/23/2007	< 100 U	< 100 U	< 100 U	< 100 UJ	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U	< 100 U
Polychlorinated Biphenyls	GW-AA-BW-08A	N	10/25/2007	< 200 U	< 200 U	< 200 U	< 200 U	< 200 UJ	< 200 U	< 200 U	< 200 U	< 200 U	< 200 U
Polychlorinated Biphenyls	GW-AA-BW-08B	N	10/24/2007	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U
Polychlorinated Biphenyls	GW-AA-BW-09A	N	10/29/2007	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-AA-BW-12A	N	10/23/2007	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 2000 U	< 20000	< 2000 U
Polychlorinated Biphenyls	GW-B17	N	10/25/2007	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-B17	FD	10/25/2007	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U
Polychlorinated Biphenyls	GW-B18	N	10/26/2007	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U	< 20 U

All units are indicated below each analyte name.
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MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
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UJ - estimated detection limit
R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate

Table 3-15
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Radionuclide Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	ALPHA activity	BETA activity	Radium-226	Radium-228	Radium-226/228	Thorium-228	Thorium-230	Thorium-232	Uranium-233/234	Uranium-235/236	Uranium-238
			MCL	15	50	5	5	10	-	-	-	-	-	-
			MSSL	-	-	0.120	0.046	0.166	0.160	0.520	0.47	0.66	0.660	0.55
Radiochemicals	GW-AA-BW-01A	N	10/24/2007	< 2.81E+01 U	< 5.62E+01 U	0.742 J	1.57	2.312 J	< -2.19E-02 U	< 4.27E-02 U	< 0.00E+00 U	11.4	0.431	8.83
Radiochemicals	GW-AA-BW-02A	N	10/29/2007	39.4	49.7	0.431 J	1.13 J	1.561 J	< 8.38E-02 U	< 5.86E-02 U	< 0.00E+00 U	23.4	0.736	17.6
Radiochemicals	GW-AA-BW-03A	N	10/26/2007	44.2	47.4	0.659 J	1.14 J	1.799 J	< 3.76E-02 U	0.416 J	< 0.00E+00 U	29.5	0.651	19.5
Radiochemicals	GW-AA-BW-07A	N	10/23/2007	< 1.80E+00 U	20.3	0.163 J	< 4.66E-01 U	0.629 J	< -1.01E-02 U	< 1.96E-02 U	< 0.00E+00 U	6.66	0.308 J	4.51
Radiochemicals	GW-AA-BW-07A	FD	10/23/2007	< 6.27E+00 U	16.5	< 5.49E-02 U	< 2.55E-01 U	< 0.3099 U	< 2.74E-02 U	< 3.55E-02 U	< 4.44E-02 U	6.43	< 1.53E-01 UJ	4.24
Radiochemicals	GW-H-55	N	10/31/2007	< -2.87E+00 U	24.4	< 1.46E-01 U	< 2.74E-01 U	<0.42 U	< -3.63E-02 U	< 1.19E-01 U	< 0.00E+00 U	0.665 J	< 3.58E-02 U	0.744 J
Radiochemicals	GW-AA-BW-04A	N	10/23/2007	< 4.84E+01 U	< 8.84E+01 U	0.144 J	0.702	0.846 J	< -4.79E-02 U	< 7.76E-02 U	< 0.00E+00 U	11.7	0.349	9.24
Radiochemicals	GW-AA-BW-05A	N	10/23/2007	< 4.77E+00 U	< 4.63E+01 U	0.351 J	1.06	1.411 J	< 5.94E-02 U	< -1.45E-02 U	< 0.00E+00 U	6.07	< 9.44E-02 U	4.37
Radiochemicals	GW-AA-BW-06A	N	10/23/2007	< -1.27E+00 U	36.7	0.12 J	0.785	0.905 J	< 7.70E-02 U	< 4.16E-02 U	< 0.00E+00 U	0.745 J	< -1.41E-02 U	0.872 J
Radiochemicals	GW-AA-BW-08A	N	10/25/2007	< 2.00E+01 U	79	< 2.50E-02 U	0.907 J	0.932 J	< 5.41E-02 U	< 5.27E-02 U	< 0.00E+00 U	4.34	< 5.52E-02 U	2.96
Radiochemicals	GW-AA-BW-08B	N	10/24/2007	141	< 7.43E+01 U	< 5.18E-02 U	< 3.92E-01 U	< 0.444 U	< -1.21E-02 U	< 1.41E-01 U	< 0.00E+00 U	0.922 J	< 2.32E-02 U	0.371 J
Radiochemicals	GW-AA-BW-09A	N	10/29/2007	NA	229	NA	NA	NA	< 1.17E-01 U	< 1.14E-01 U	< 0.00E+00 U	123	3.05	84.3
Radiochemicals	GW-AA-BW-12A	N	10/24/2007	< -1.92E+01 U	< 5.21E+01 U	0.567 J	0.749	1.316 J	< 5.68E-02 U	< -1.84E-02 U	< 0.00E+00 U	< 9.37E-02 U	< 0.00E+00 U	< 6.03E-02 U
Radiochemicals	GW-B17	N	10/25/2007	< 5.47E+00 U	33.6	0.221 J	< 5.35E-01 U	0.756 J	< -1.37E-02 U	< -1.34E-02 U	< 0.00E+00 U	3.82	0.151	2.25
Radiochemicals	GW-B17	FD	10/25/2007	< -1.44E-01 U	27.4	0.168 J	< 5.33E-01 U	0.701 J	< 2.57E-02 U	< 0.00E+00 U	< 0.00E+00 U	3.51	< 7.65E-02 U	2.2
Radiochemicals	GW-B18	N	10/26/2007	< 3.56E+00 U	17.5	< 1.58E-01 U	< 3.69E-01 U	< 0.527 U	< 9.78E-02 U	< 1.07E-01 U	< 0.00E+00 U	4.39	< 9.04E-02 U	2.22

All results are in pCi/L (picoCuries per Liter)
MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels
BOLD - Detection is greater than the MCL or MSSL
U - non-detect
J - estimated value
B - non-detect due to blank contamination
BJ - result is non-detect due to blank contamination with an estimated detection limit.
UJ - estimated detection limit
R - rejected
+ Result is biased high
- Result is biased low
N - Primary Sample
FD - Field Duplicate
NA - Not Analyzed

Table 3-16
BMI CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) Groundwater Sample
Dissolved Gases Results - 2007 CAMU Event (October - November 2007)
Clark County, Nevada

Class	Location	Sample Type	Sample Date	Ethane	Ethylene	Methane
MCL				-	-	-
MSSL				-	-	-
Dissolved Gases	GW-AA-BW-01A	N	10/24/2007	< 5 U	2.3 J	1.4 J
Dissolved Gases	GW-AA-BW-02A	N	10/29/2007	< 5 U	< 5 U	0.25 J
Dissolved Gases	GW-AA-BW-03A	N	10/26/2007	< 5 U	< 5 U	0.47 J
Dissolved Gases	GW-AA-BW-07A	N	10/23/2007	< 5 U	< 5 U	1.4 J
Dissolved Gases	GW-AA-BW-07A	FD	10/23/2007	< 5 U	< 5 U	1.1 J
Dissolved Gases	GW-H-55	N	10/31/2007	< 5 U	< 5 U	330
Dissolved Gases	GW-AA-BW-04A	N	10/23/2007	< 5 U	2.8 J	52
Dissolved Gases	GW-AA-BW-05A	N	10/23/2007	< 5 U	< 5 U	320
Dissolved Gases	GW-AA-BW-06A	N	10/23/2007	< 5 U	< 5 U	4.2 J
Dissolved Gases	GW-AA-BW-08A	N	10/25/2007	< 5 U	1.9 J	< 5 U
Dissolved Gases	GW-AA-BW-08B	N	10/24/2007	< 5 U	10	14
Dissolved Gases	GW-AA-BW-09A	N	10/29/2007	< 5 U	< 5 U	2.2 J
Dissolved Gases	GW-AA-BW-12A	N	10/23/2007	2.2 J	5.7 J	1400
Dissolved Gases	GW-B17	N	10/25/2007	< 5 U	< 5 U	32
Dissolved Gases	GW-B17	FD	10/25/2007	< 5 U	< 5 U	38
Dissolved Gases	GW-B18	N	10/26/2007	< 5 U	< 5 U	150

All results are in ug/L.

MCL - maximum contaminant level

MSSL - US Environmental Protection Agency Region 6 Human Health Medium-Specific Screening Levels

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J - estimated value

B - non-detect due to blank contamination

BJ - result is non-detect due to blank contamination with an estimated detection limit.

UJ - estimated detection limit

R - rejected

+ Result is biased high

- Result is biased low

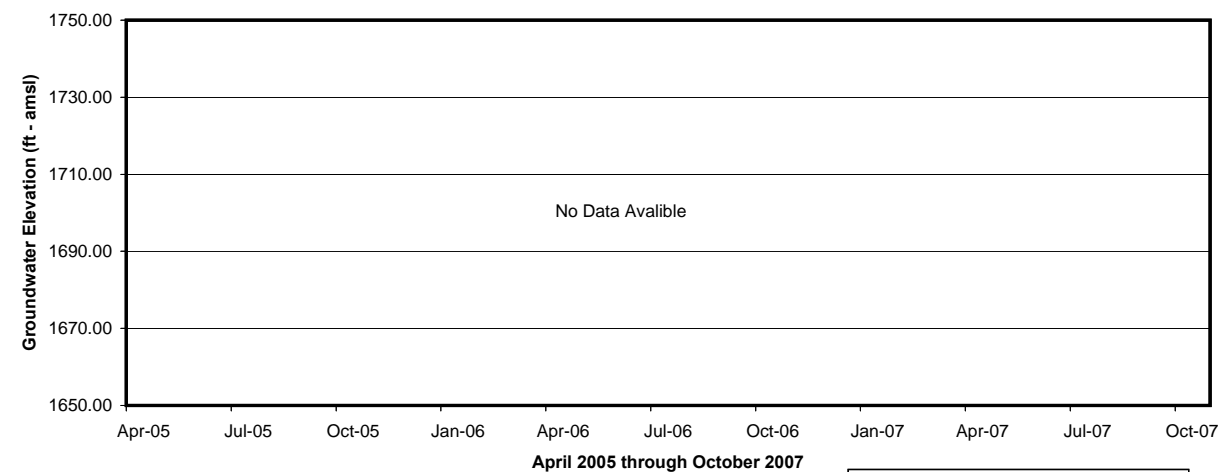
N - Primary Sample

FD - Field Duplicate


APPENDIX A

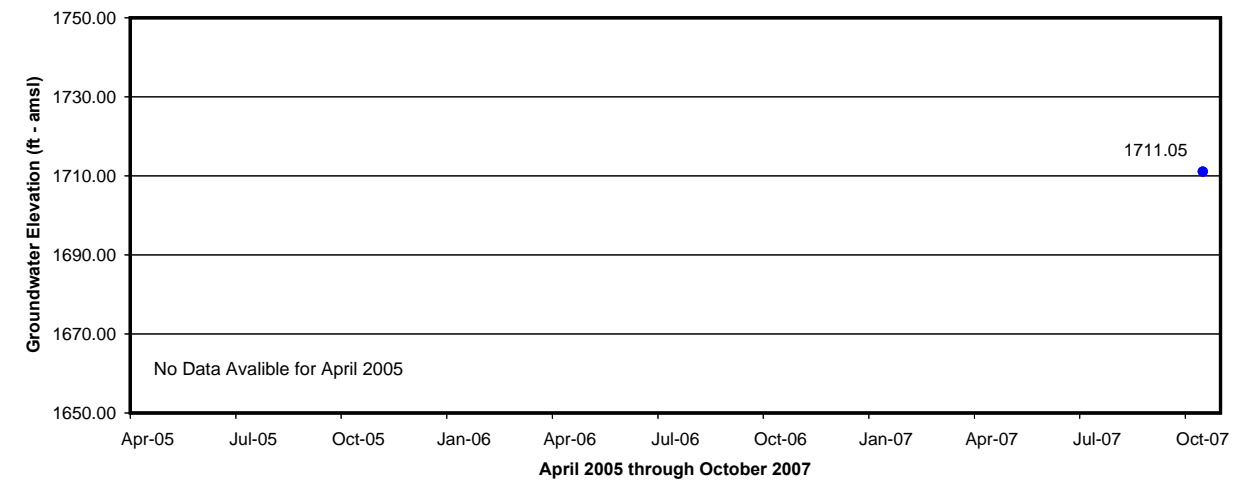
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APPENDIX B
WELL HYDROGRAPHS




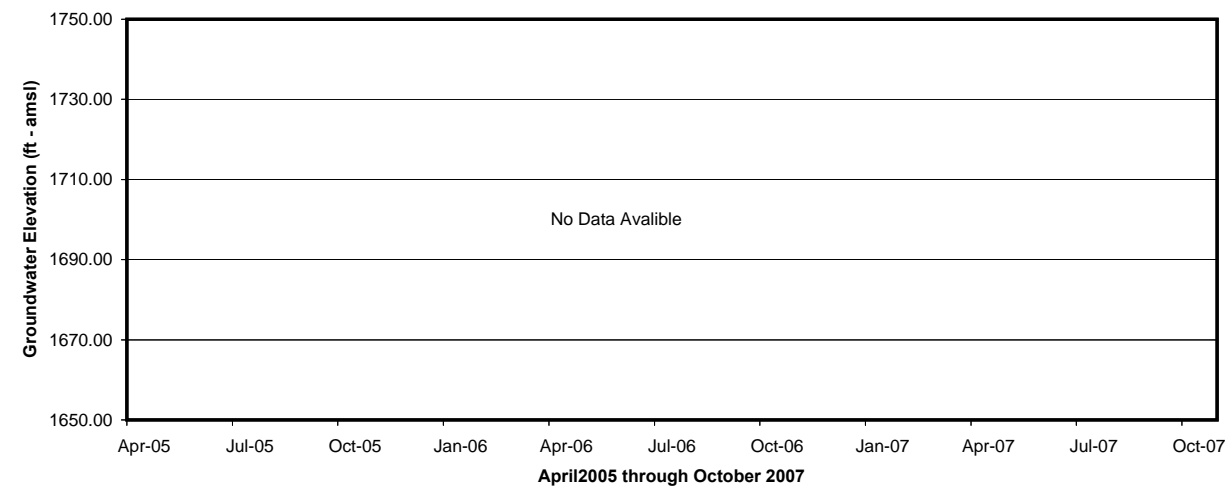
Notes:
ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL H-46 HYDROGRAPH





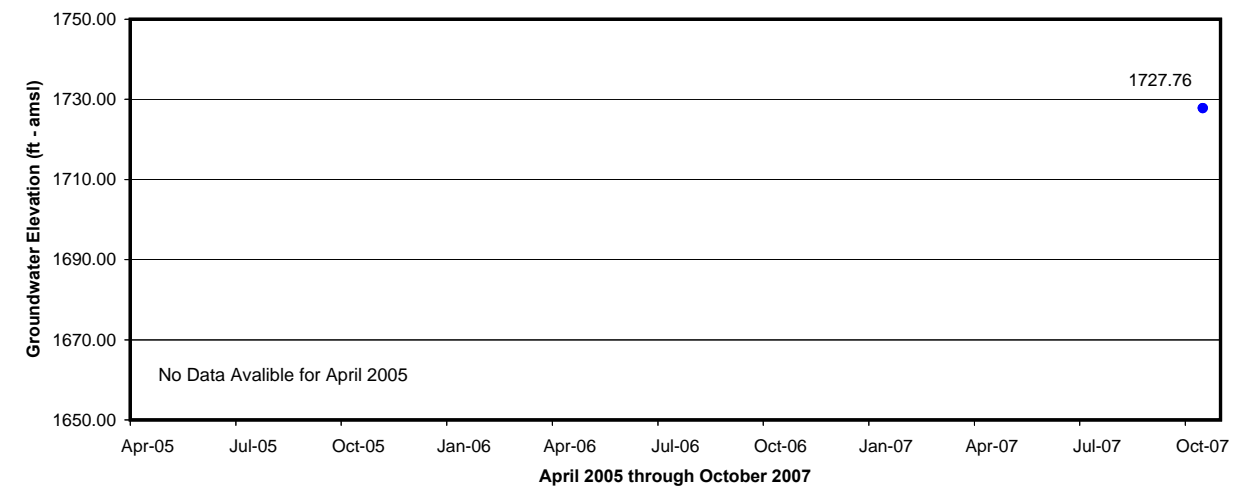
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ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL H-55 HYDROGRAPH





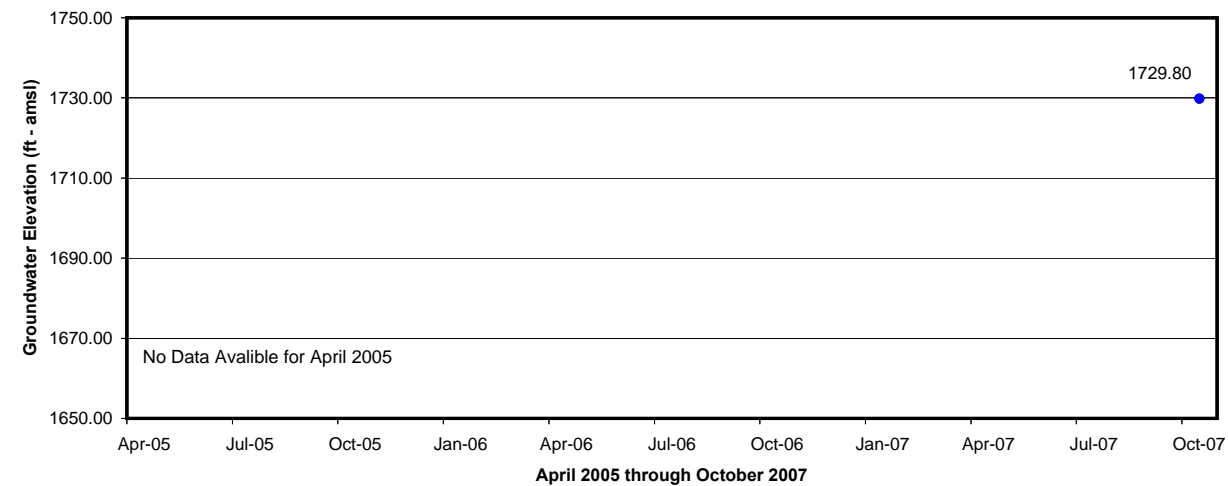
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ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL M6A HYDROGRAPH





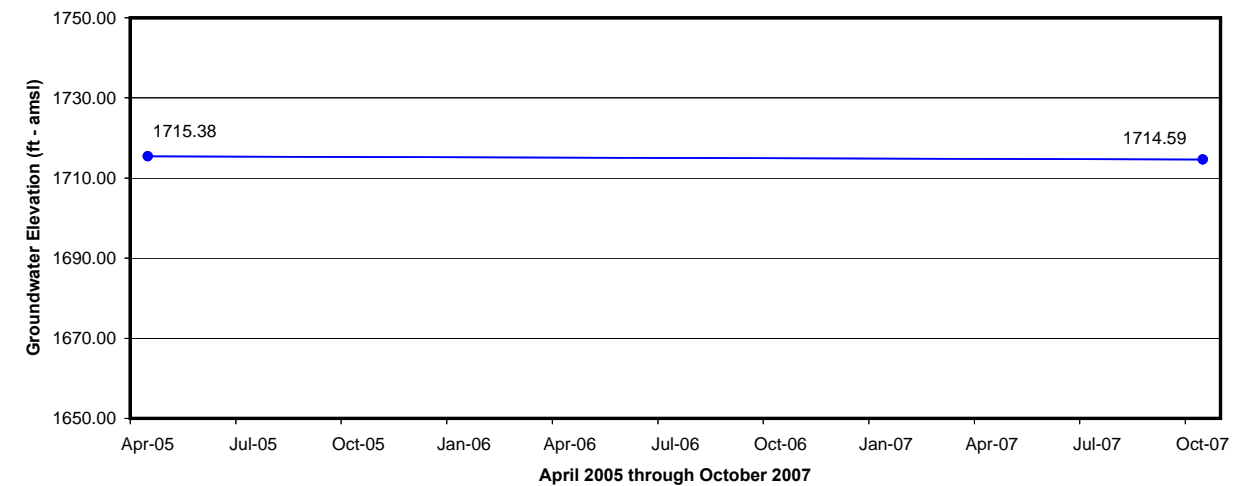
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ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL B17 HYDROGRAPH





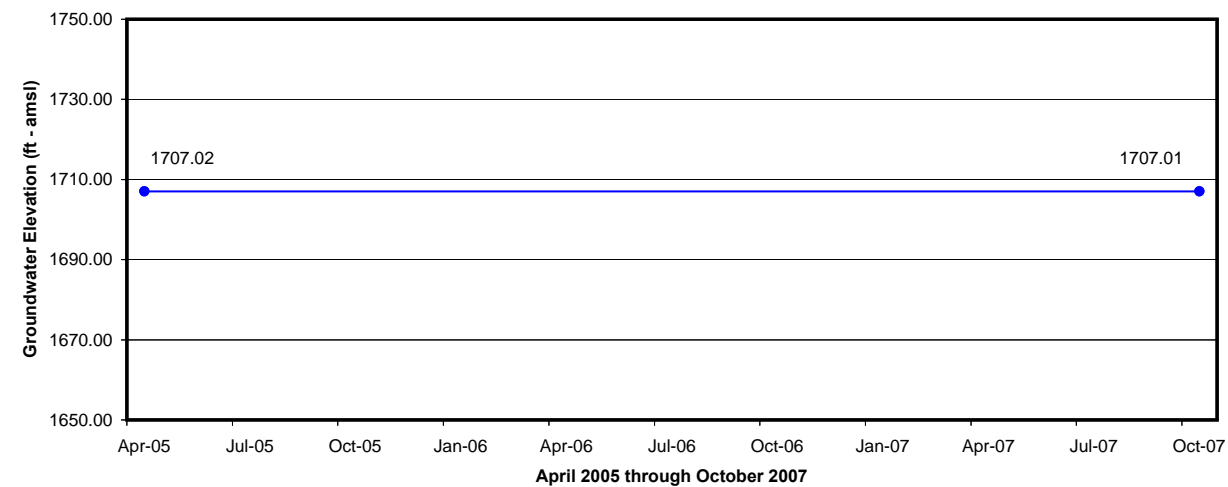
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ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
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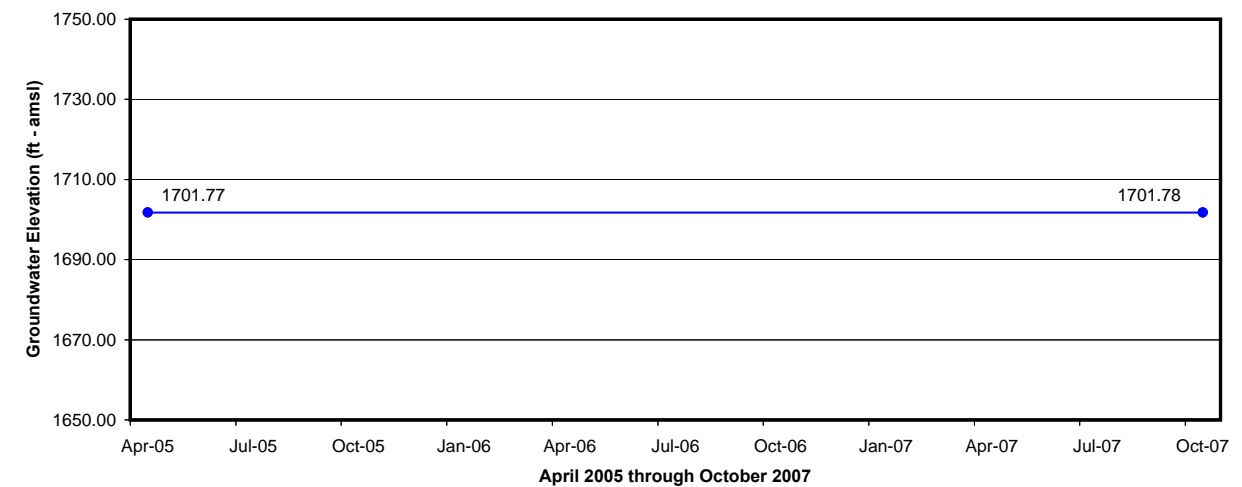
Notes:
ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-01A HYDROGRAPH





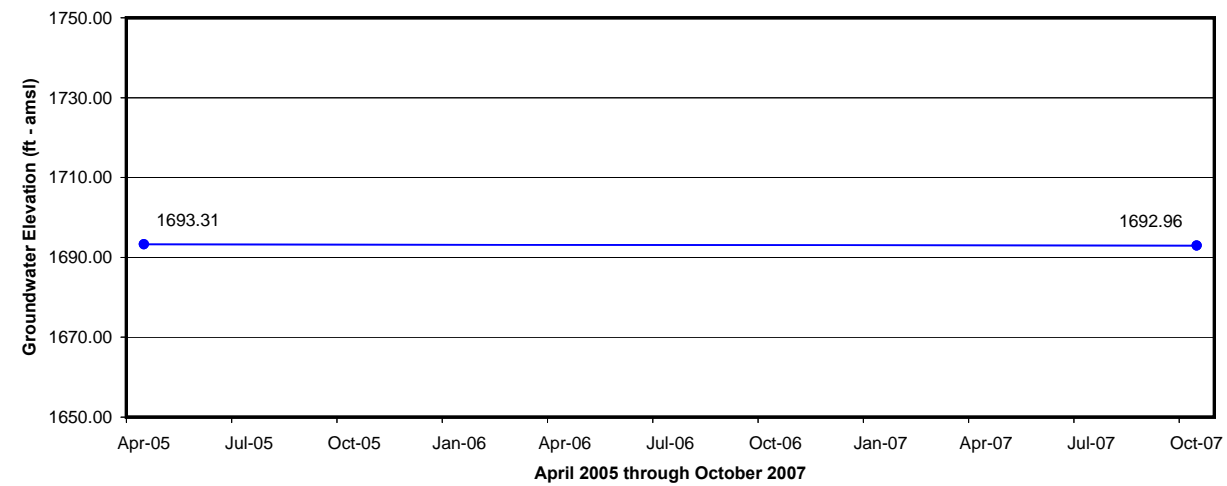
Notes:
ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-02A HYDROGRAPH





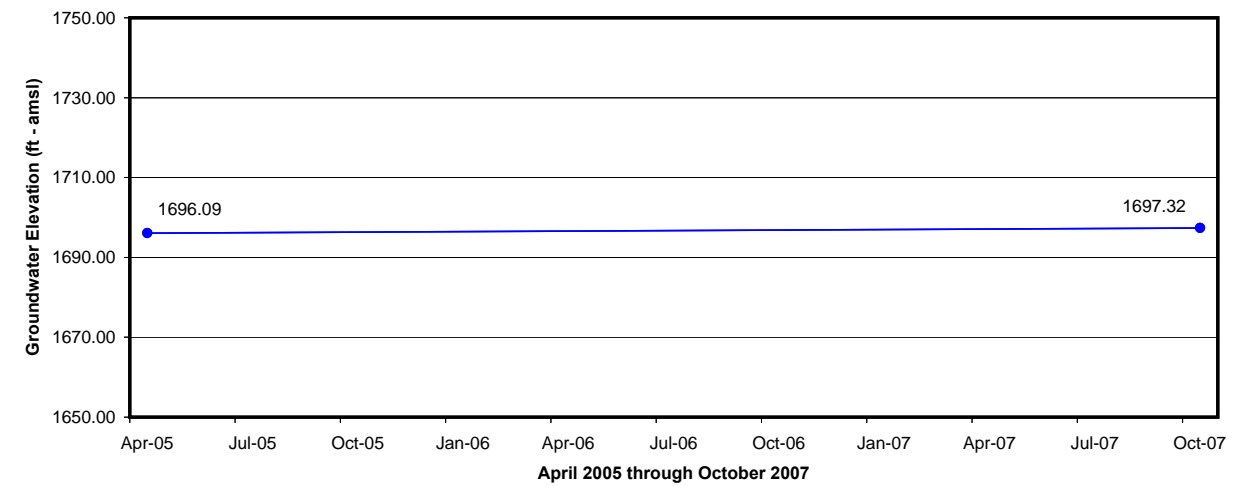
Notes:
ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-03A HYDROGRAPH





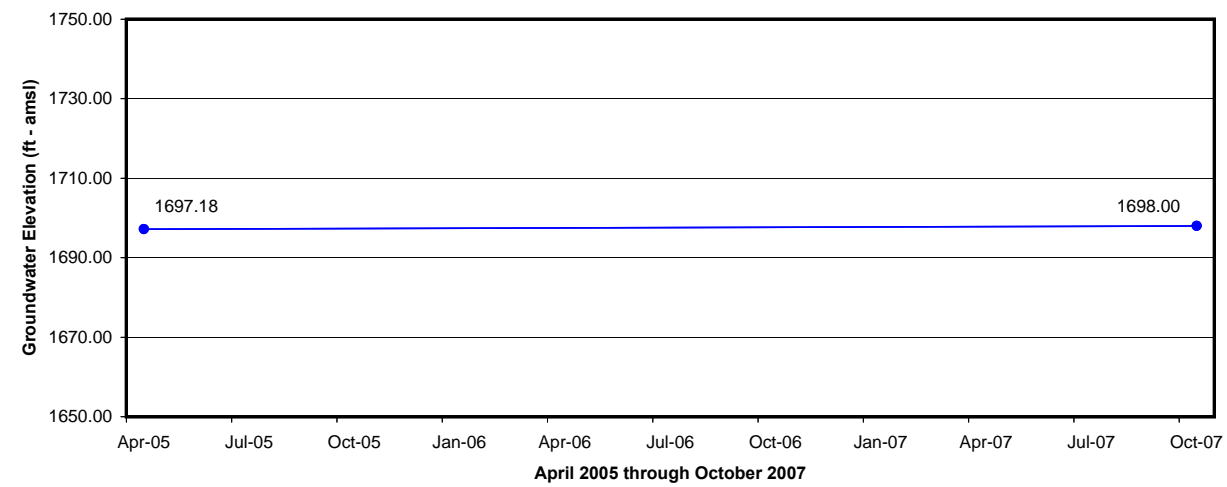
Notes:
ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-04A HYDROGRAPH





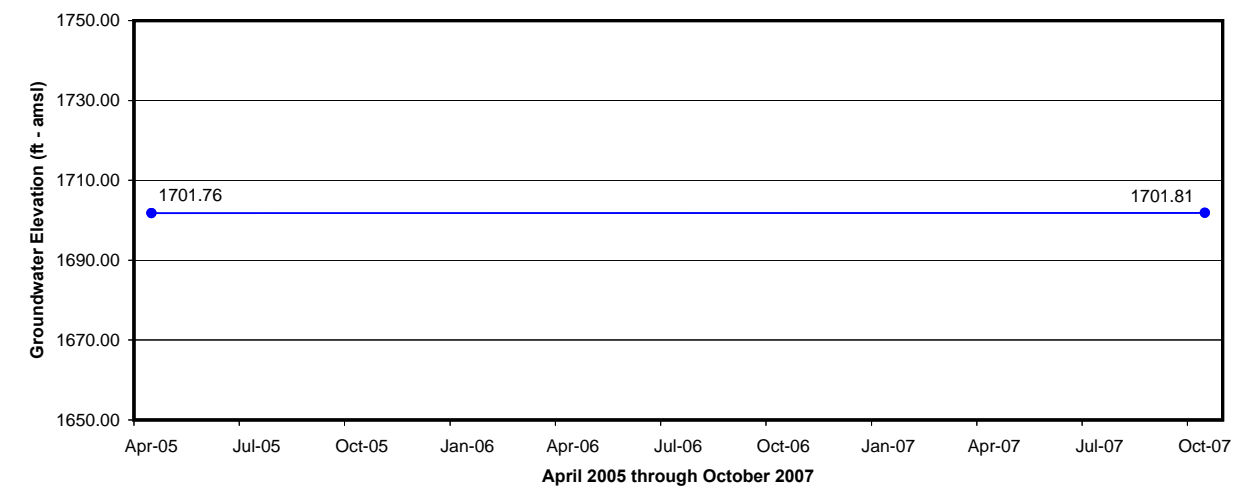
Notes:
ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-05A HYDROGRAPH





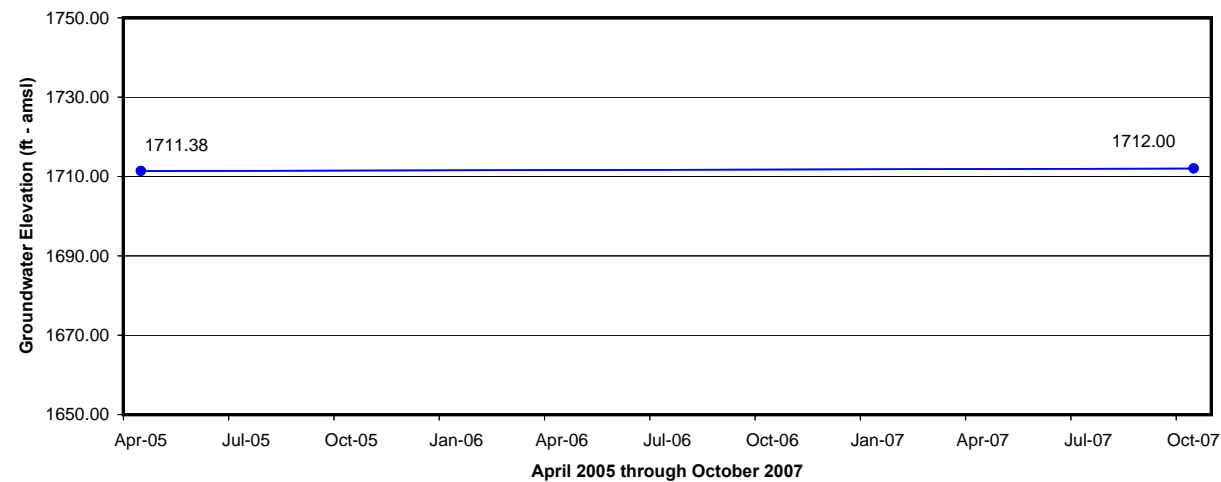
Notes:
ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-06A HYDROGRAPH





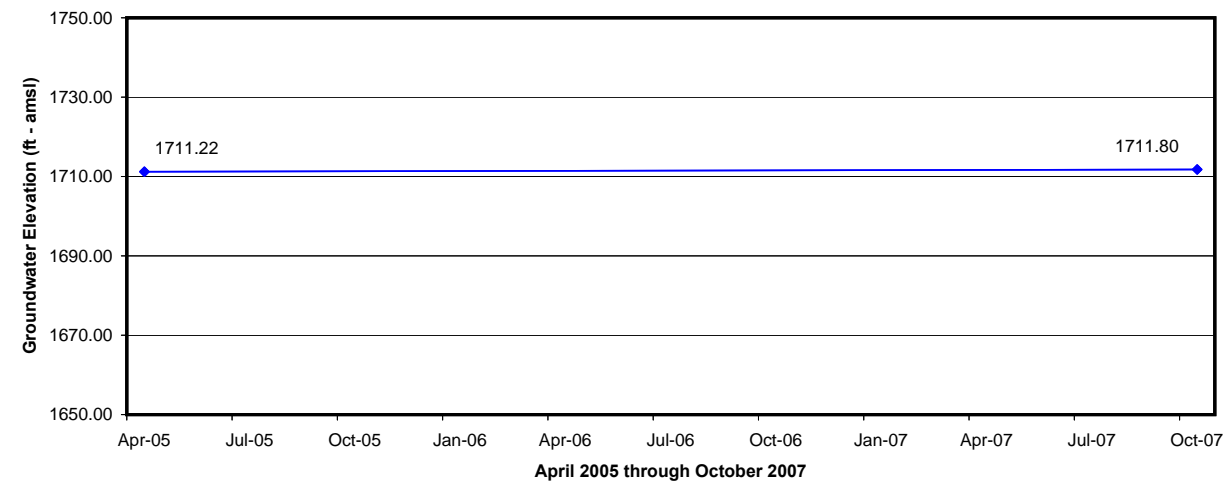
Notes:
ft - amsl = feet above mean sea level


2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-07A HYDROGRAPH


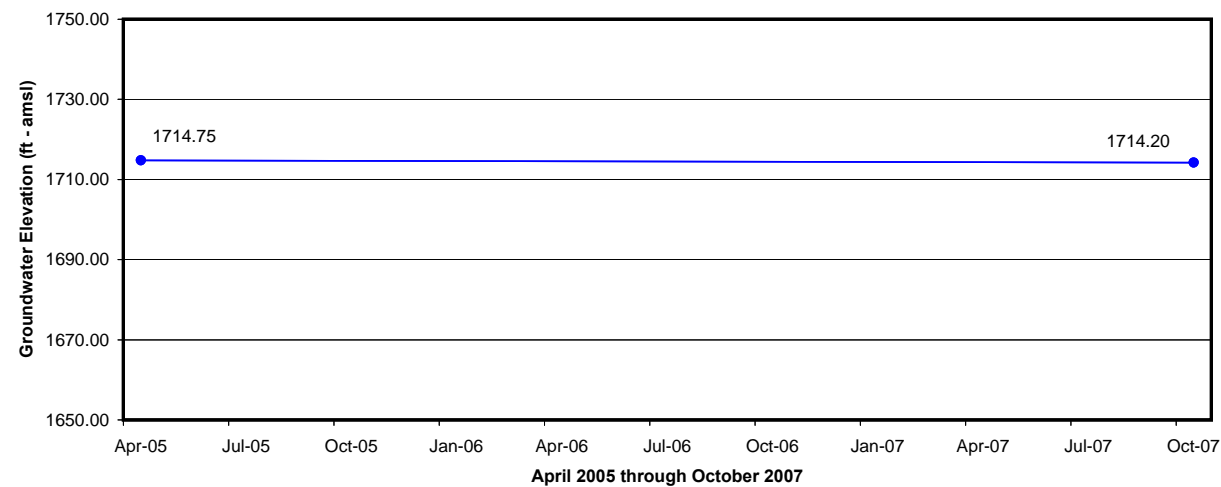


Notes:
ft - amsl = feet above mean sea level


2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-08A HYDROGRAPH


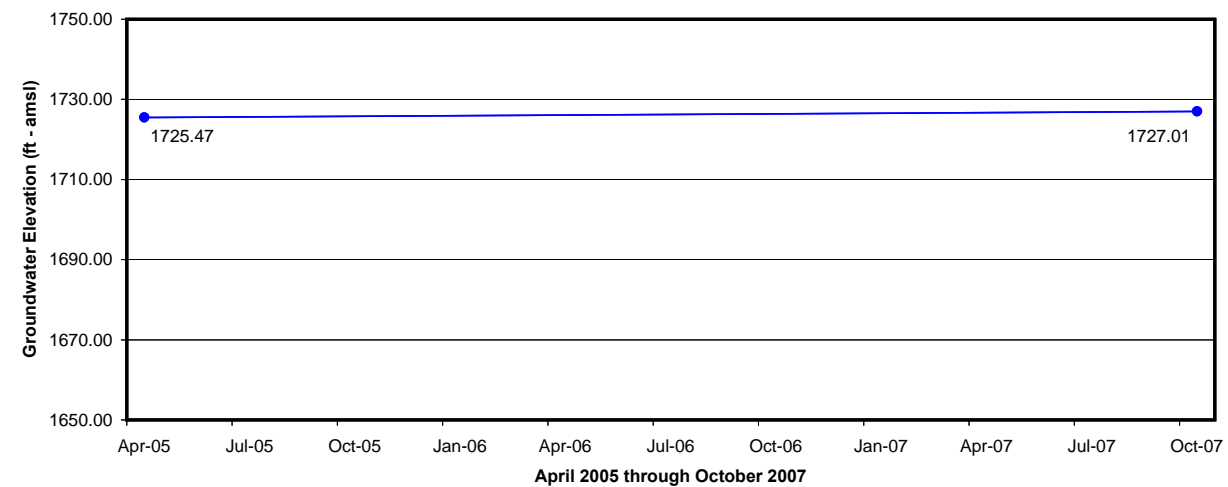


2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-08B HYDROGRAPH





Notes:
ft - amsl = feet above mean sea level

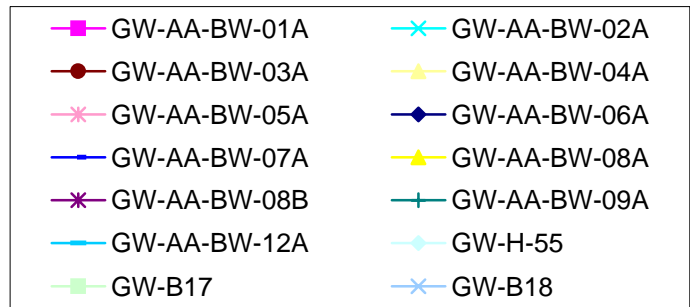
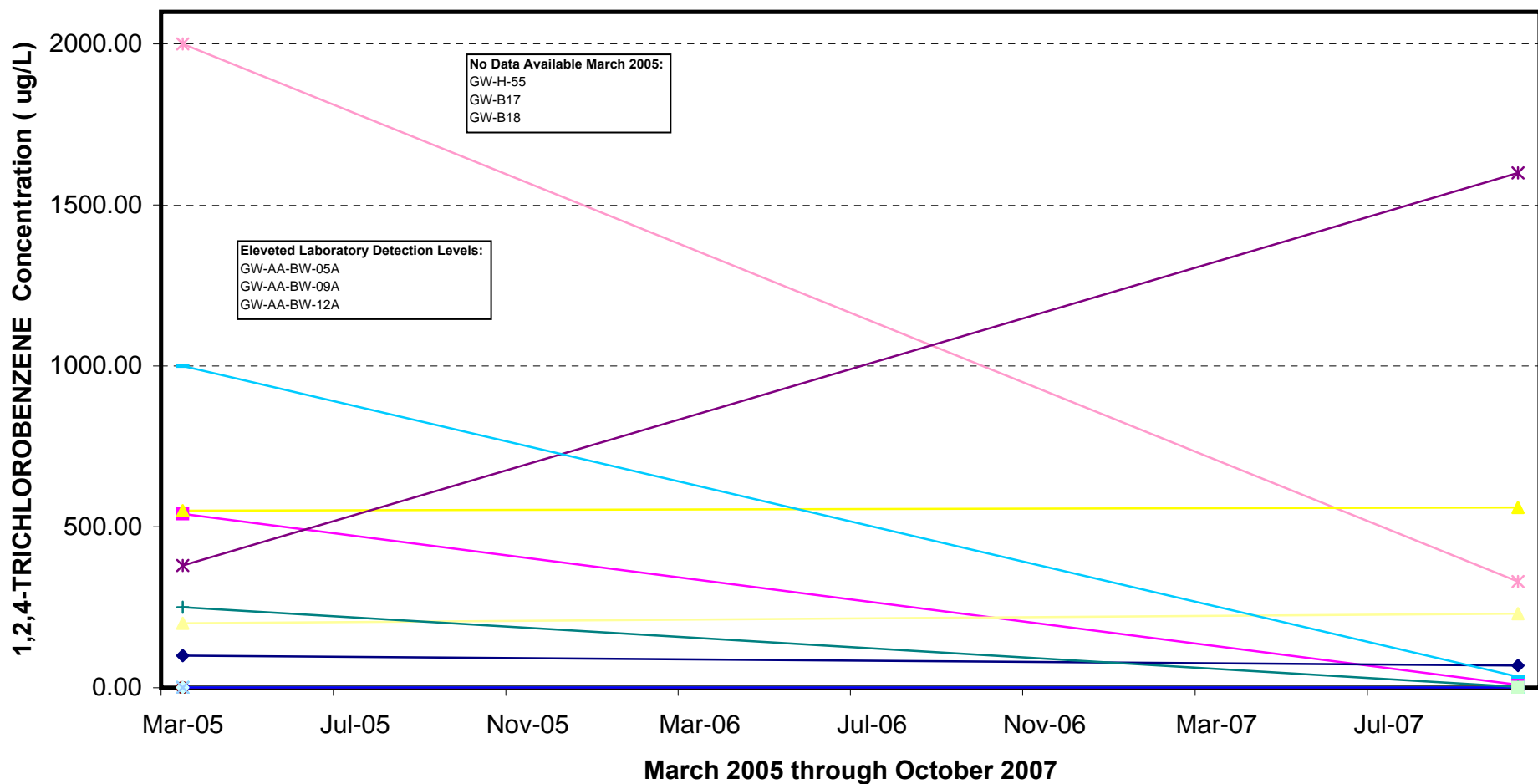
2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-09A HYDROGRAPH




Notes:
ft - amsl = feet above mean sea level

2007 Groundwater Monitoring Report BMI Corrective Area Management Unit (CAMU) Landfill Clark County, Nevada
WELL AA-BW-12A HYDROGRAPH


APPENDIX C
CONCENTRATION TREND GRAPHS

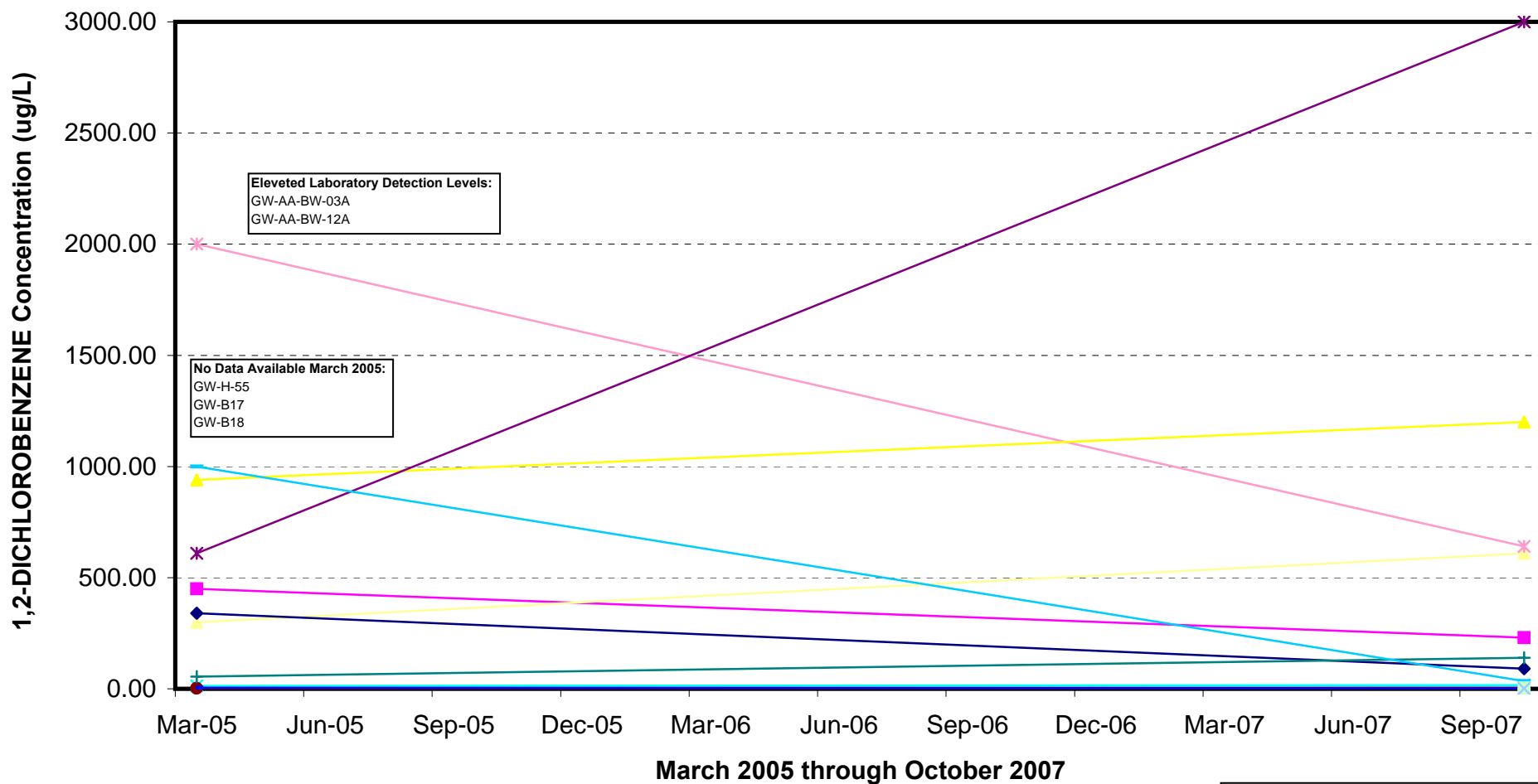


Notes:
The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

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(OCT-NOV 2007)
BMI Corrective Action Management Unit
(CAMU) Landfill
Clark County, Nevada

1,2,4-TRICHLOROBENZENE CONCENTRATION TREND



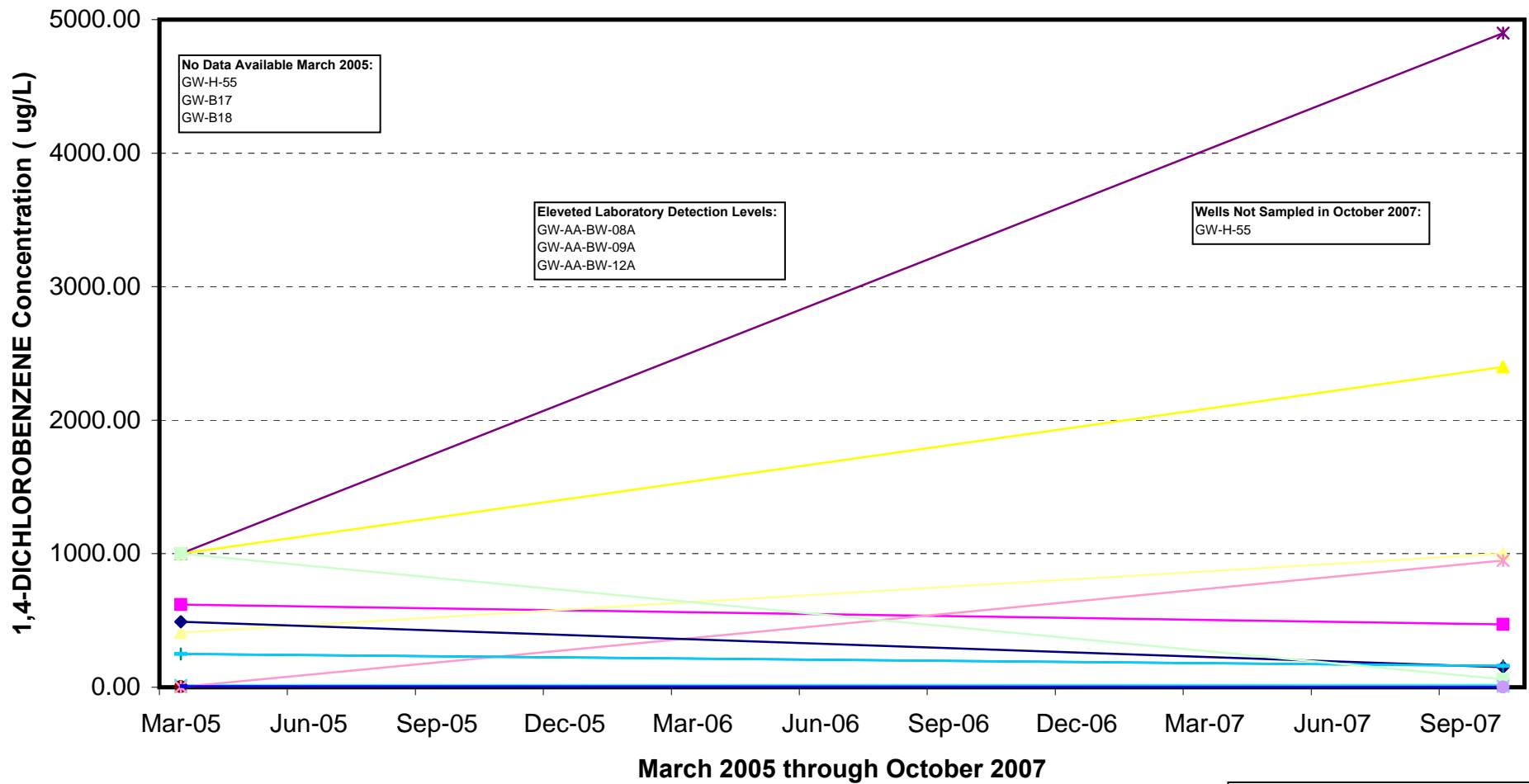


Notes:
 The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report
 (OCT-NOV 2007)
 BMI Corrective Action Management Unit
 (CAMU) Landfill
 Clark County, Nevada

1,2-DICHLOROBENZENE CONCENTRATION TREND GRAPH



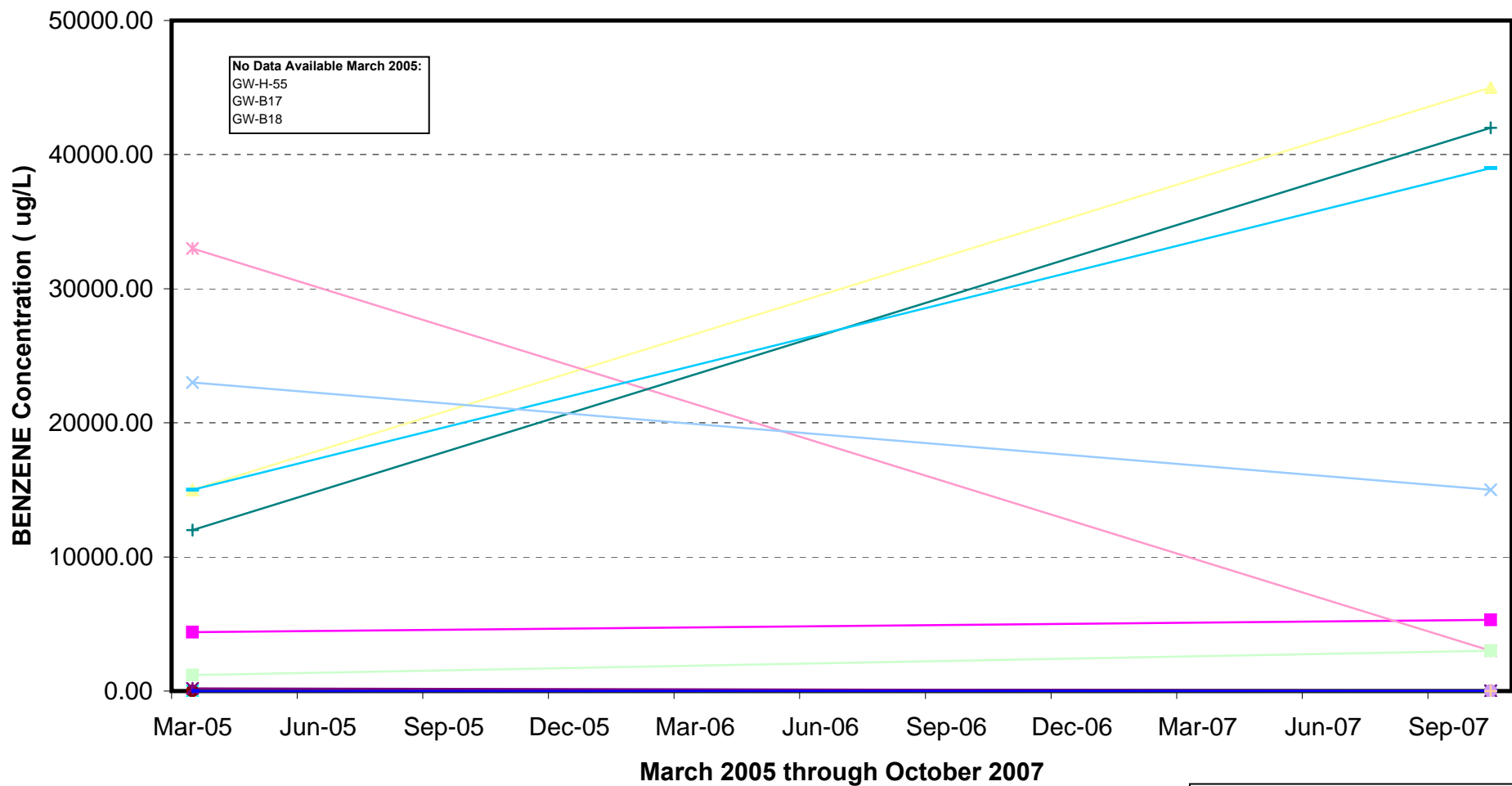


Notes:
The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report
(OCT-NOV 2007)
BMI Corrective Action Management Unit
(CAMU) Landfill
Clark County, Nevada

1,4-DICHLOROBENZENE CONCENTRATION TREND GRAPH



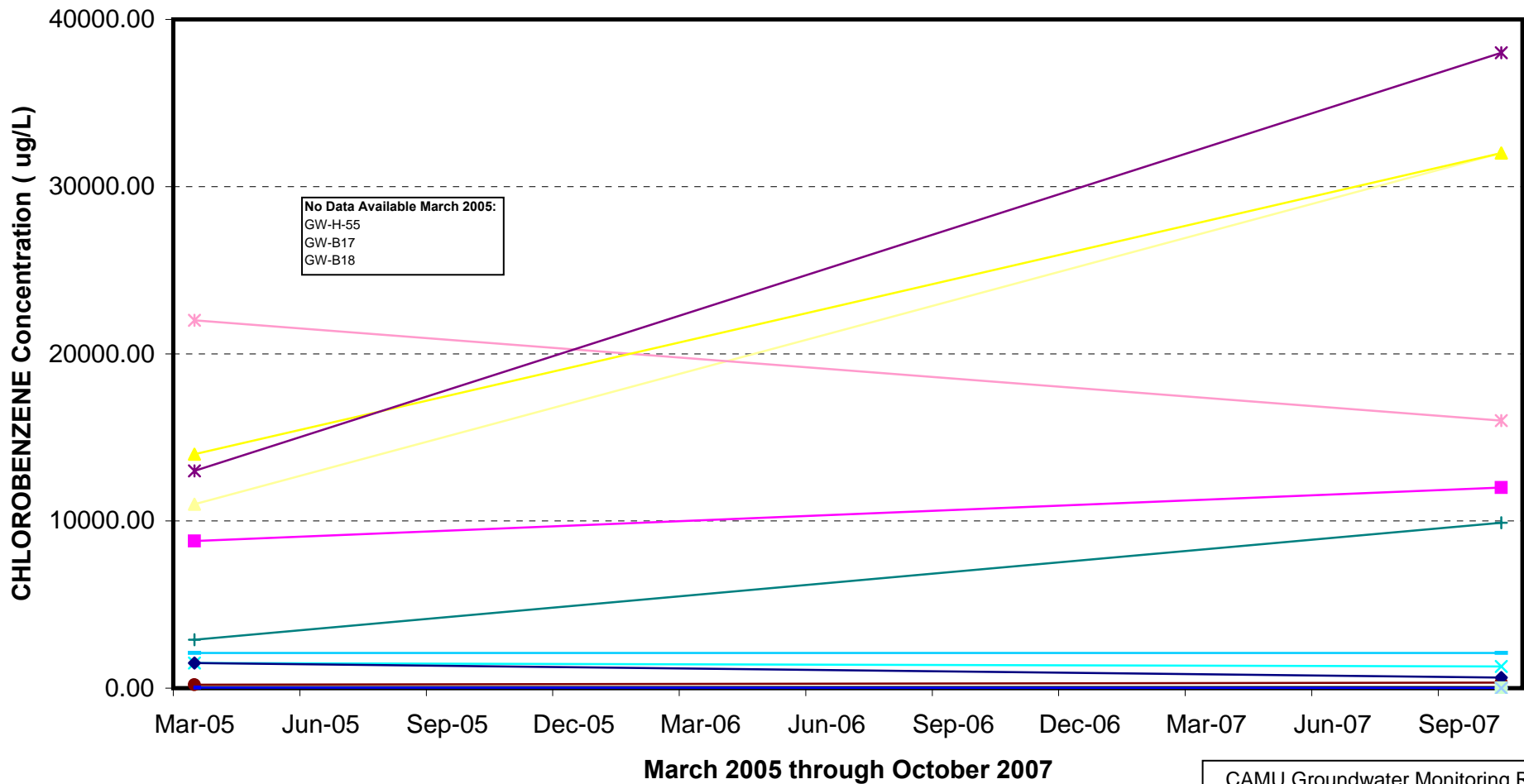


Notes:
 The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

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 (OCT-NOV 2007)
 BMI Corrective Action Management Unit
 (CAMU) Landfill
 Clark County, Nevada

**BENZENE
 CONCENTRATION TREND GRAPH**

- | | |
|--------------|--------------|
| GW-AA-BW-01A | GW-AA-BW-02A |
| GW-AA-BW-03A | GW-AA-BW-04A |
| GW-AA-BW-05A | GW-AA-BW-06A |
| GW-AA-BW-07A | GW-AA-BW-08A |
| GW-AA-BW-08B | GW-AA-BW-09A |
| GW-AA-BW-12A | GW-H-55 |
| GW-B17 | GW-B18 |

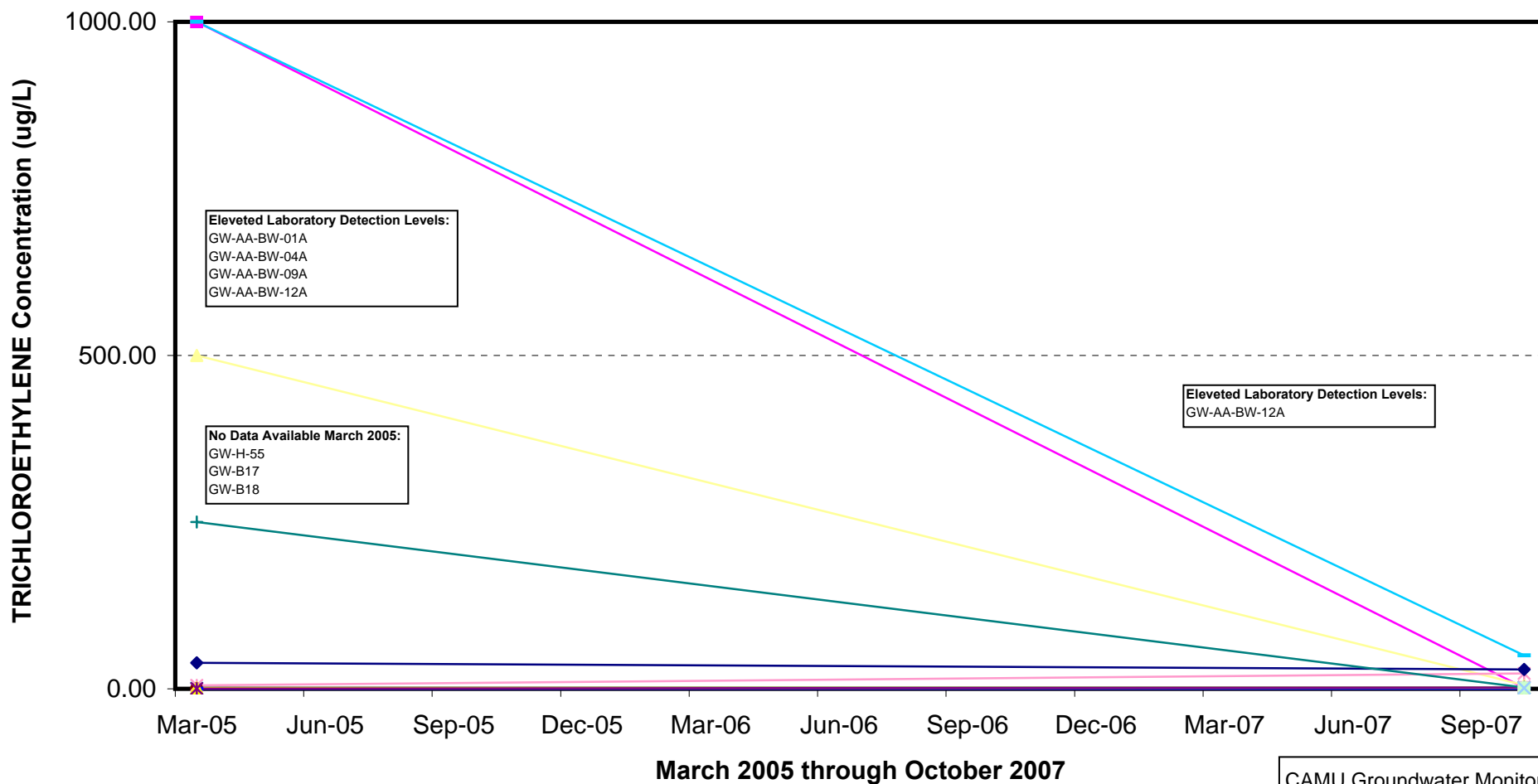


Notes:
The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report
(OCT-NOV 2007)
BMI Corrective Action Management Unit
(CAMU) Landfill
Clark County, Nevada

CHLOROBENZENE CONCENTRATION TREND GRAPH



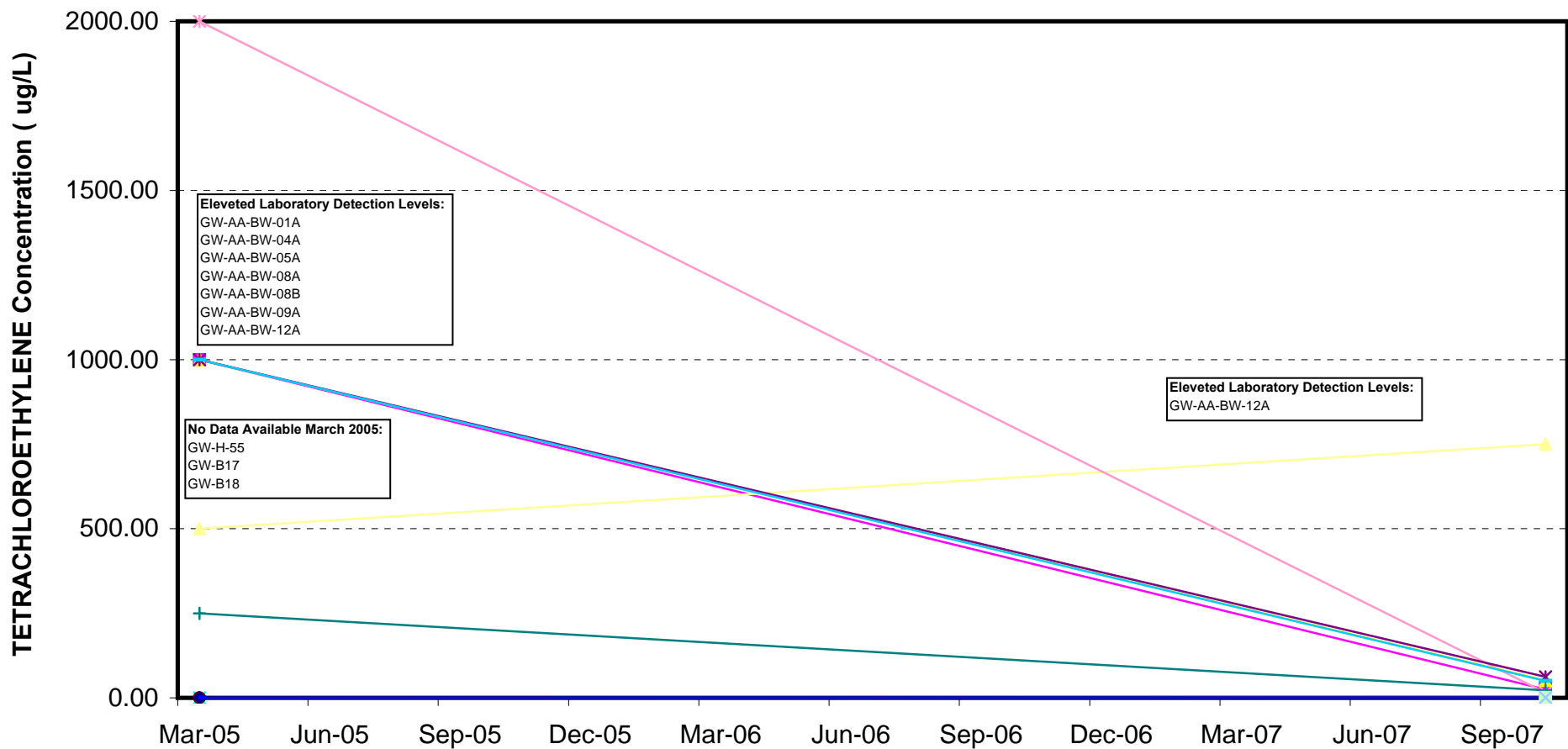


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 BMI Corrective Action Management
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 Clark County, Nevada

TRICHLOROETHYLENE CONCENTRATION TREND GRAPH



Notes:
 The graph depicts the fourteen wells with the
 highest analyte concentrations from the current
 groundwater event.



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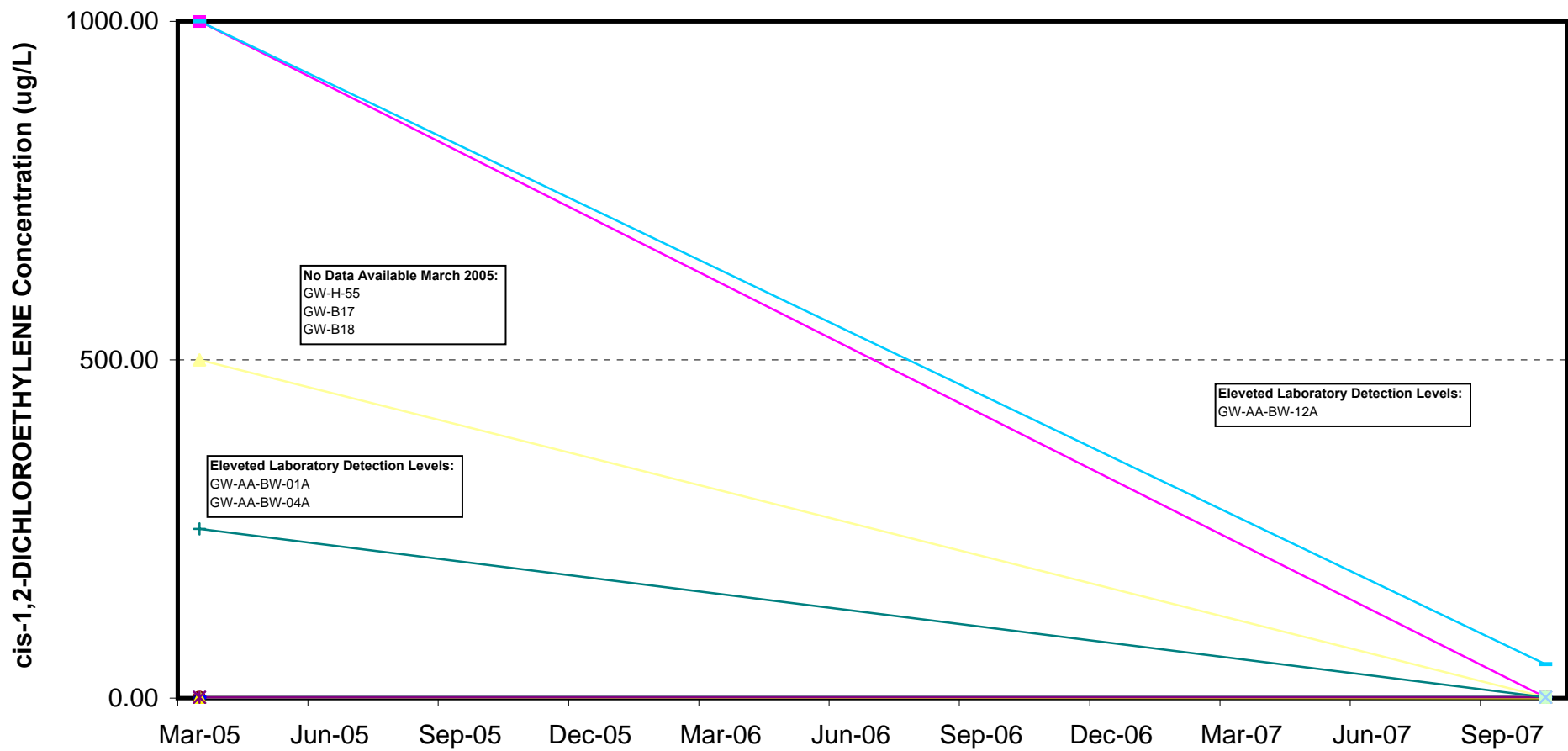
TETRACHLOROETHYLENE CONCENTRATION TREND GRAPH



- | | |
|--------------|--------------|
| GW-AA-BW-01A | GW-AA-BW-02A |
| GW-AA-BW-03A | GW-AA-BW-04A |
| GW-AA-BW-05A | GW-AA-BW-06A |
| GW-AA-BW-07A | GW-AA-BW-08A |
| GW-AA-BW-08B | GW-AA-BW-09A |
| GW-AA-BW-12A | GW-H-55 |
| GW-B17 | GW-B18 |

Notes:

The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.



March 2005 through October 2007

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Clark County, Nevada

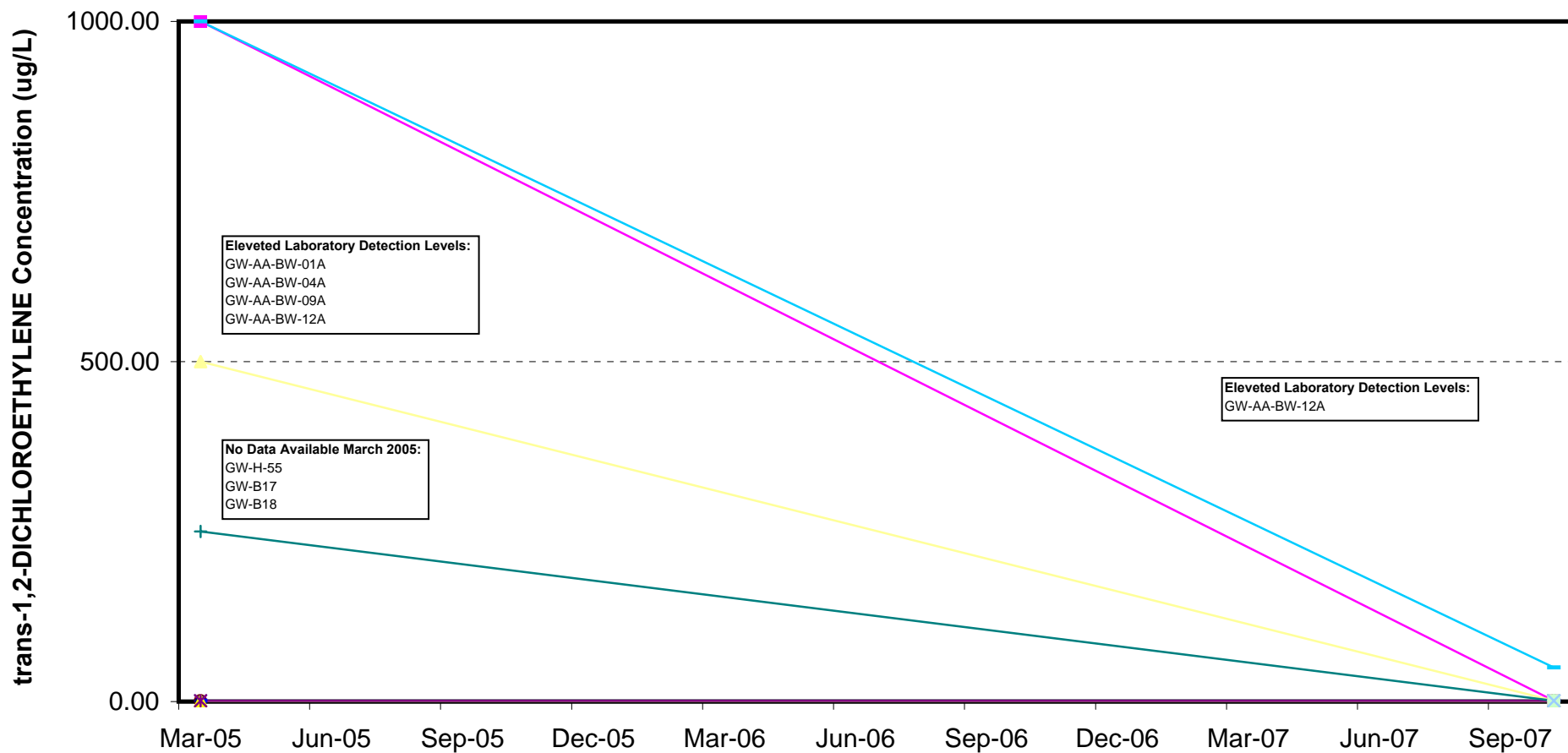
**cis-1,2-DICHLOROETHYLENE
CONCENTRATION TREND GRAPH**



- | | |
|----------------|----------------|
| ■ GW-AA-BW-01A | ■ GW-AA-BW-02A |
| ● GW-AA-BW-03A | ▲ GW-AA-BW-04A |
| ✱ GW-AA-BW-05A | ◆ GW-AA-BW-06A |
| ■ GW-AA-BW-07A | ▲ GW-AA-BW-08A |
| ✱ GW-AA-BW-08B | ■ GW-AA-BW-09A |
| ■ GW-AA-BW-12A | ■ GW-H-55 |
| ■ GW-B17 | ■ GW-B18 |

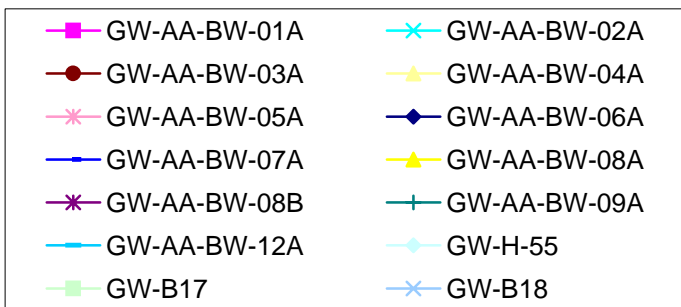
Notes:

The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

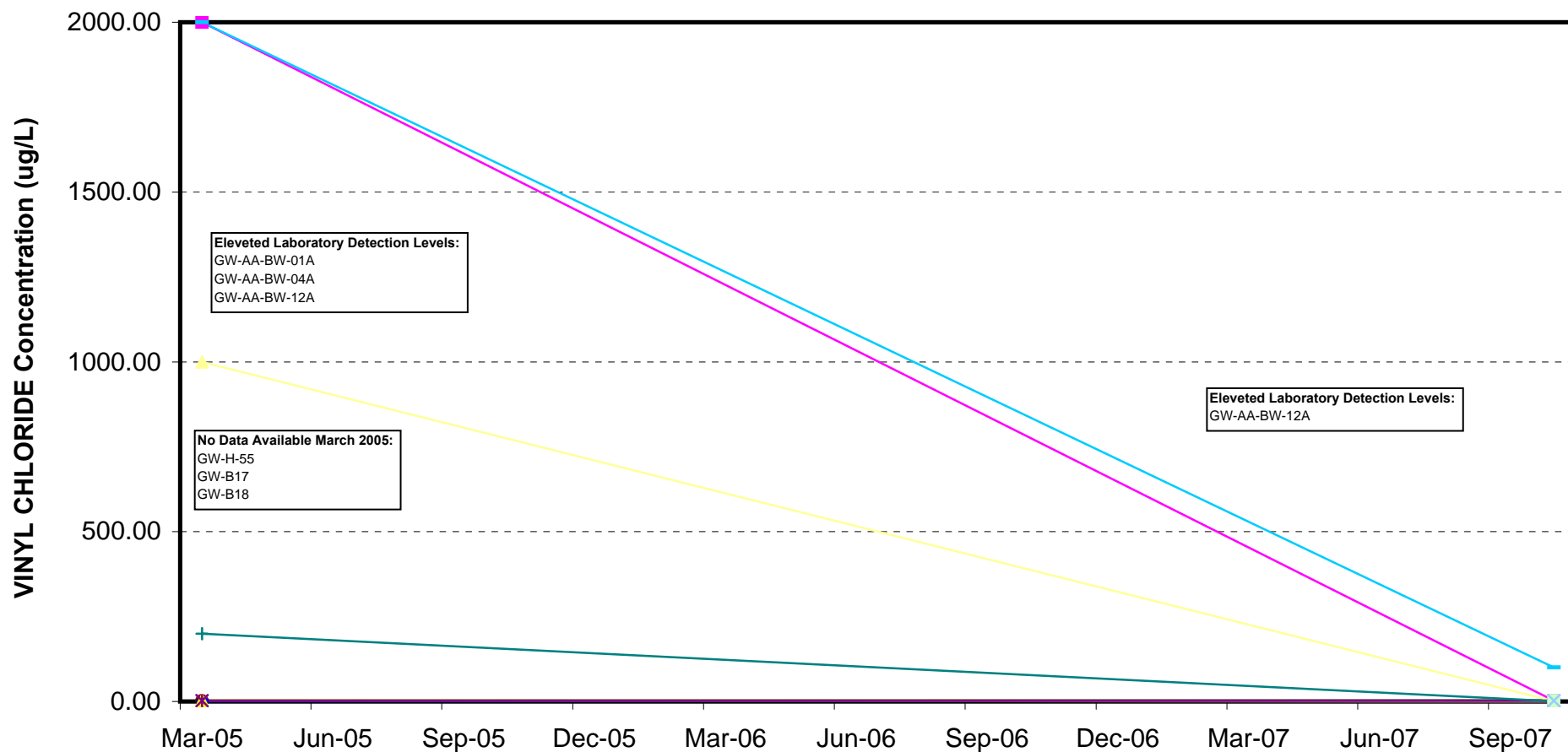


CAMU Groundwater Monitoring Report
 (OCT-NOV 2007)
 BMI Corrective Action Management
 Unit (CAMU) Landfill
 Clark County, Nevada

**trans-1,2-DICHLOROETHYLENE
 CONCENTRATION TREND GRAPH**



Notes:
 The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.



March 2005 through October 2007

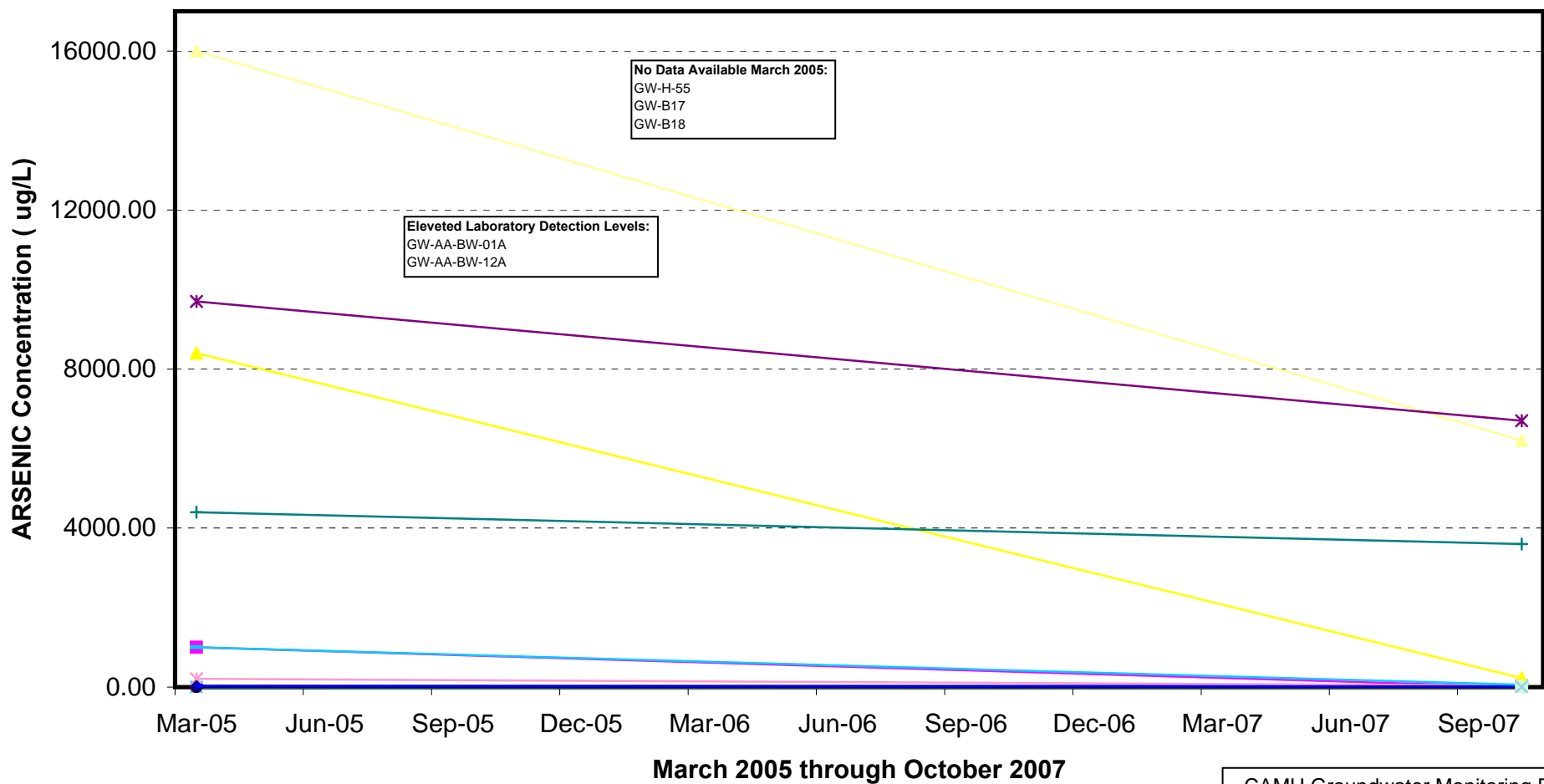
CAMU Groundwater Monitoring Report
 (OCT-NOV 2007)
 BMI Corrective Action Management
 Unit (CAMU) Landfill
 Clark County, Nevada

VINYL CHLORIDE CONCENTRATION TREND GRAPH



- | | |
|----------------|----------------|
| ■ GW-AA-BW-01A | ■ GW-AA-BW-02A |
| ● GW-AA-BW-03A | ▲ GW-AA-BW-04A |
| ✱ GW-AA-BW-05A | ◆ GW-AA-BW-06A |
| — GW-AA-BW-07A | ▲ GW-AA-BW-08A |
| ✱ GW-AA-BW-08B | — GW-AA-BW-09A |
| — GW-AA-BW-12A | — GW-H-55 |
| ■ GW-B17 | ✱ GW-B18 |

Notes:
 The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

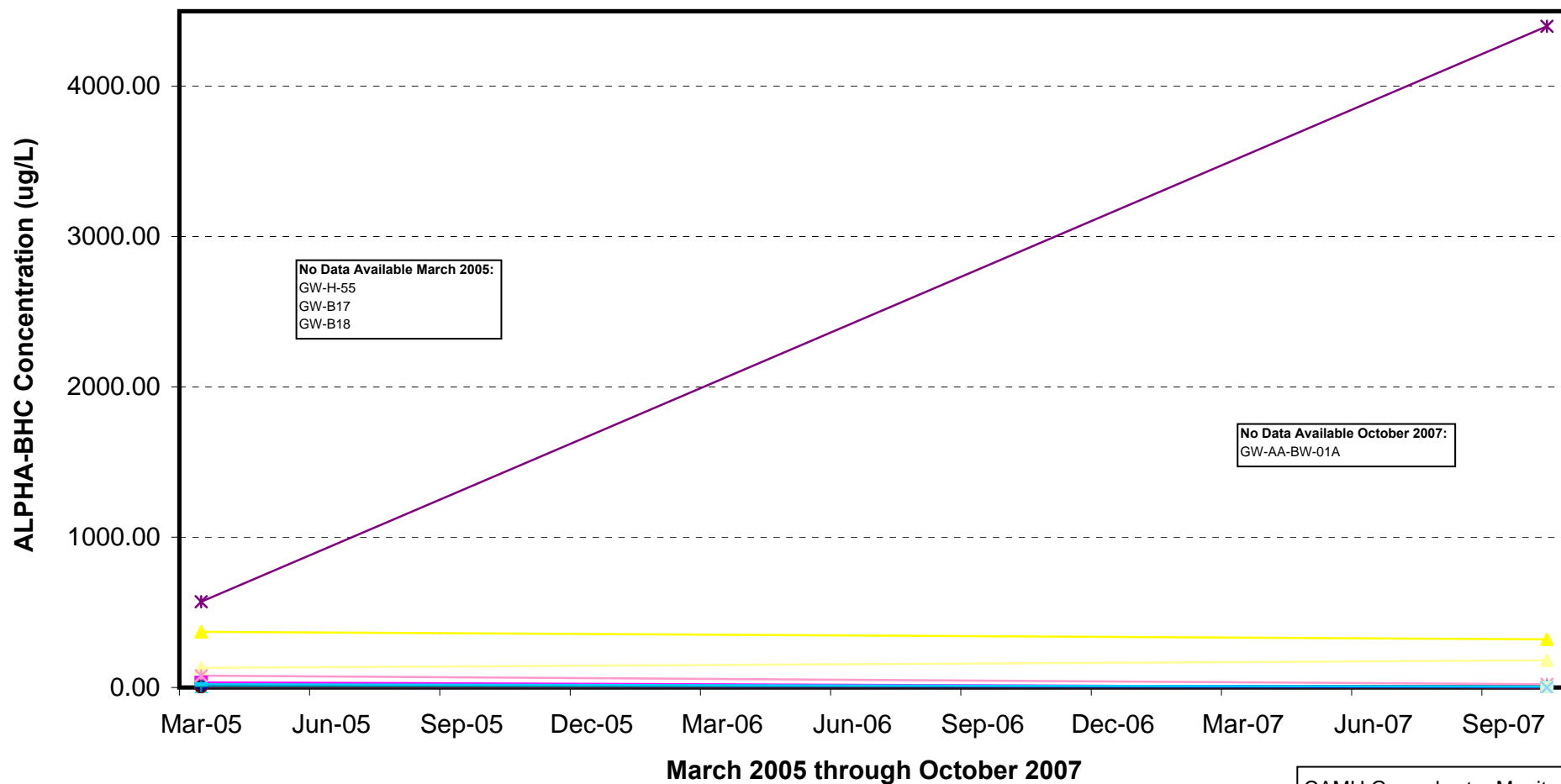


Notes:
 The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report
 (OCT-NOV 2007)
 BMI Corrective Action Management Unit
 (CAMU) Landfill
 Clark County, Nevada

**CHLOROFORM
 CONCENTRATION TREND GRAPH**

- | | |
|--------------|--------------|
| GW-AA-BW-01A | GW-AA-BW-02A |
| GW-AA-BW-03A | GW-AA-BW-04A |
| GW-AA-BW-05A | GW-AA-BW-06A |
| GW-AA-BW-07A | GW-AA-BW-08A |
| GW-AA-BW-08B | GW-AA-BW-09A |
| GW-AA-BW-12A | GW-H-55 |
| GW-B17 | GW-B18 |



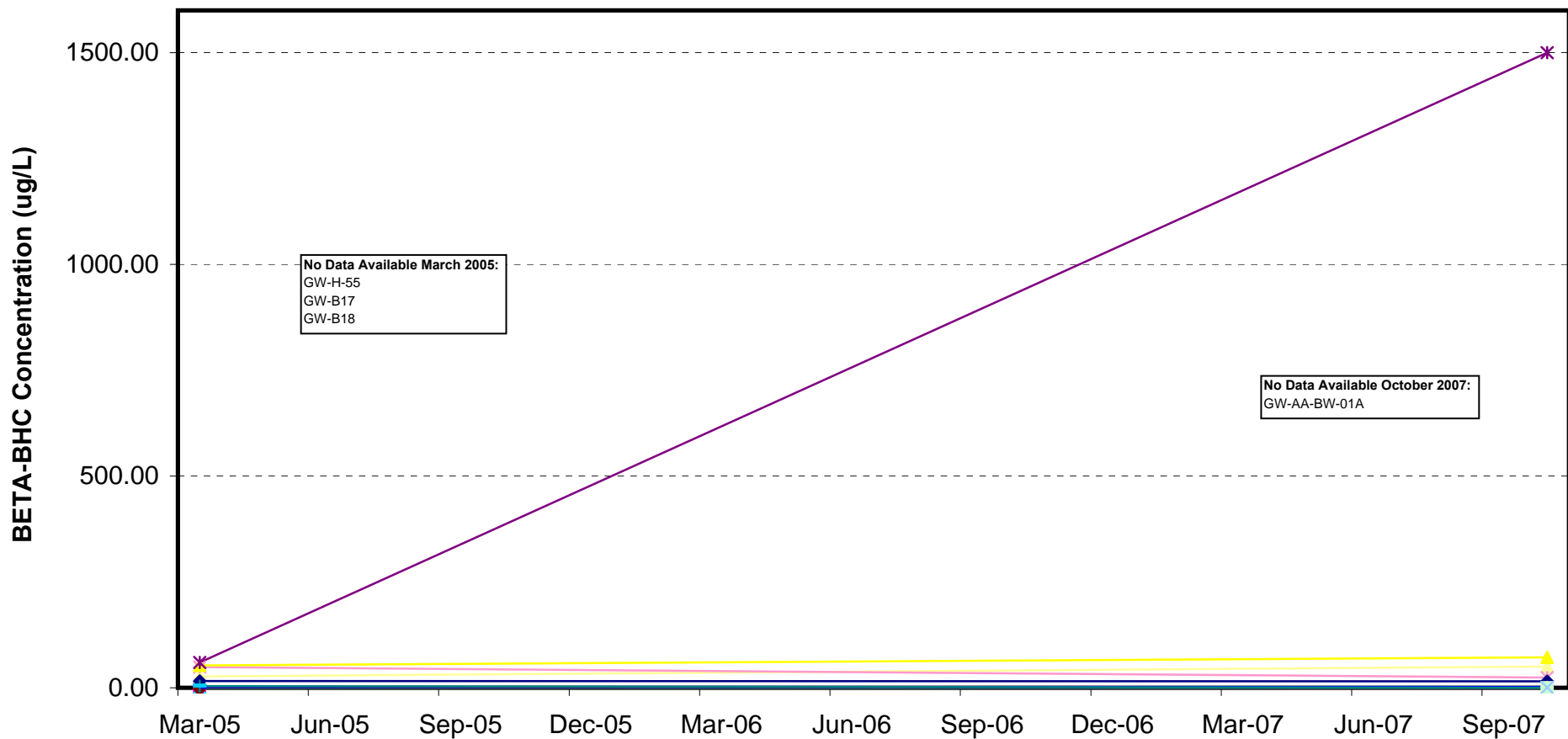
Notes:
 The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report
 (OCT-NOV 2007)
 BMI Corrective Action Management
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 Clark County, Nevada

**ALPHA-BHC CONCENTRATION
 TREND GRAPH**



- | | |
|--------------|--------------|
| GW-AA-BW-01A | GW-AA-BW-02A |
| GW-AA-BW-03A | GW-AA-BW-04A |
| GW-AA-BW-05A | GW-AA-BW-06A |
| GW-AA-BW-07A | GW-AA-BW-08A |
| GW-AA-BW-08B | GW-AA-BW-09A |
| GW-AA-BW-12A | GW-H-55 |
| GW-B17 | GW-B18 |



March 2005 through October 2007

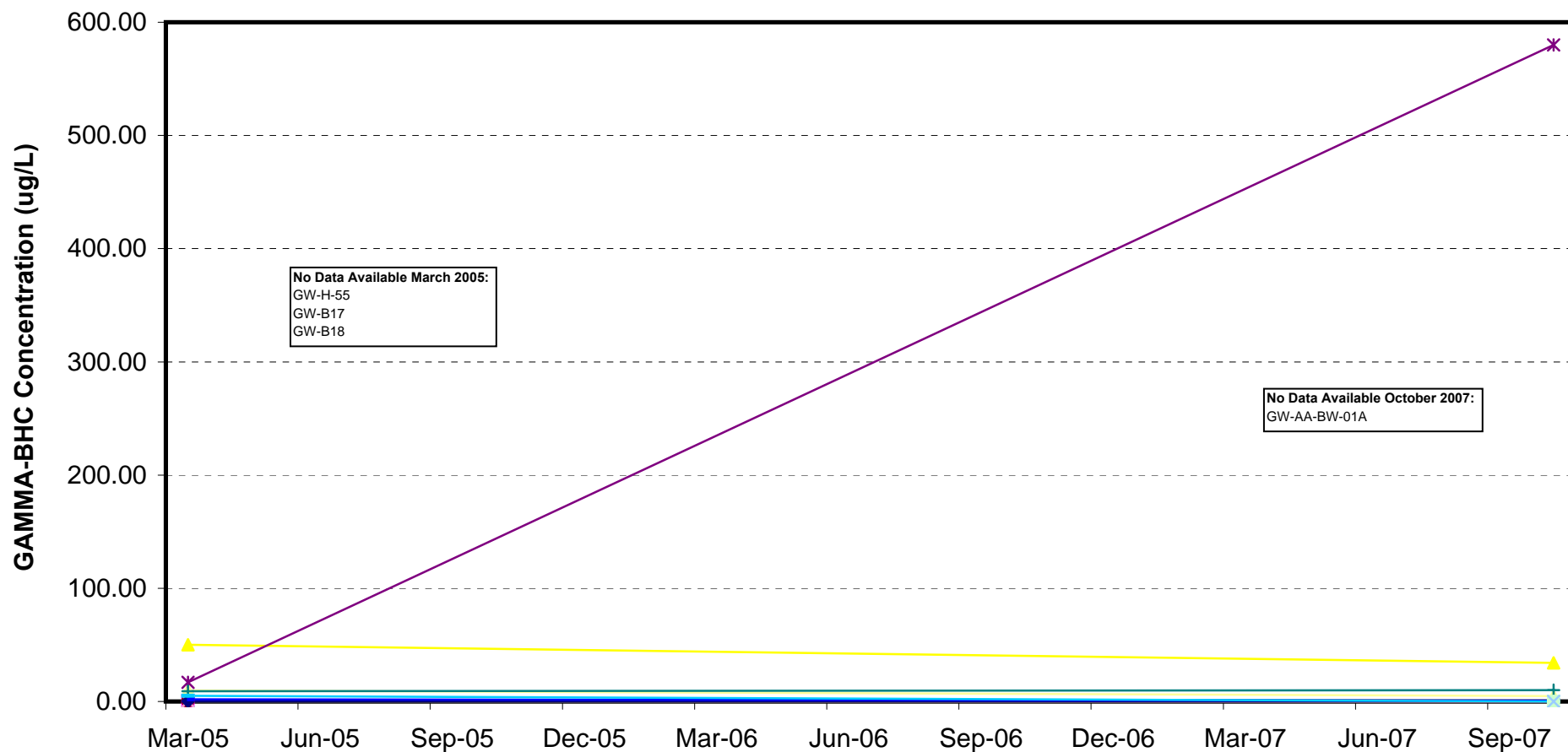
CAMU Groundwater Monitoring Report
(OCT-NOV 2007)
BMI Corrective Action Management
Unit (CAMU) Landfill
Clark County, Nevada

**BETA-BHC CONCENTRATION
TREND GRAPH**



Notes:
The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

- | | |
|----------------|----------------|
| ■ GW-AA-BW-01A | ■ GW-AA-BW-02A |
| ● GW-AA-BW-03A | ▲ GW-AA-BW-04A |
| ✱ GW-AA-BW-05A | ◆ GW-AA-BW-06A |
| ■ GW-AA-BW-07A | ▲ GW-AA-BW-08A |
| ✱ GW-AA-BW-08B | ■ GW-AA-BW-09A |
| ■ GW-AA-BW-12A | ■ GW-H-55 |
| ■ GW-B17 | ✱ GW-B18 |



March 2005 through October 2007

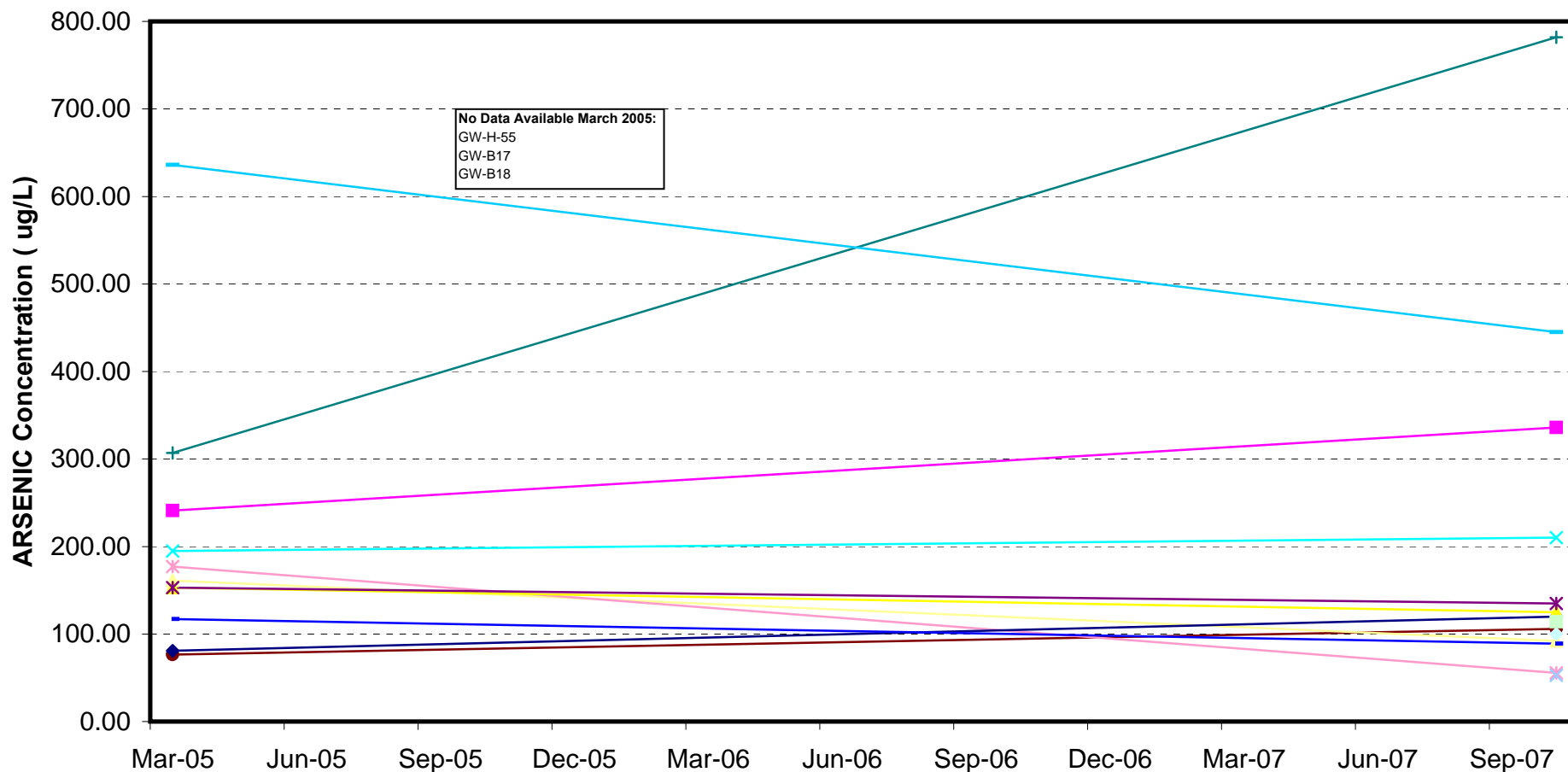
CAMU Groundwater Monitoring Report
 (OCT-NOV 2007)
 BMI Corrective Action Management
 Unit (CAMU) Landfill
 Clark County, Nevada

**GAMMA-BHC CONCENTRATION
 TREND GRAPH**

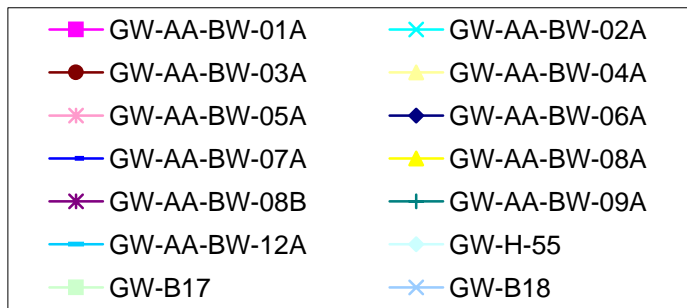


Notes:
 The graph depicts the fourteen wells with the
 highest analyte concentrations from the current
 groundwater event.

- | | |
|----------------|----------------|
| ■ GW-AA-BW-01A | ✕ GW-AA-BW-02A |
| ● GW-AA-BW-03A | ▲ GW-AA-BW-04A |
| ✱ GW-AA-BW-05A | ◆ GW-AA-BW-06A |
| — GW-AA-BW-07A | ▲ GW-AA-BW-08A |
| ✱ GW-AA-BW-08B | ✕ GW-AA-BW-09A |
| — GW-AA-BW-12A | ◆ GW-H-55 |
| ■ GW-B17 | ✕ GW-B18 |



March 2005 through October 2007



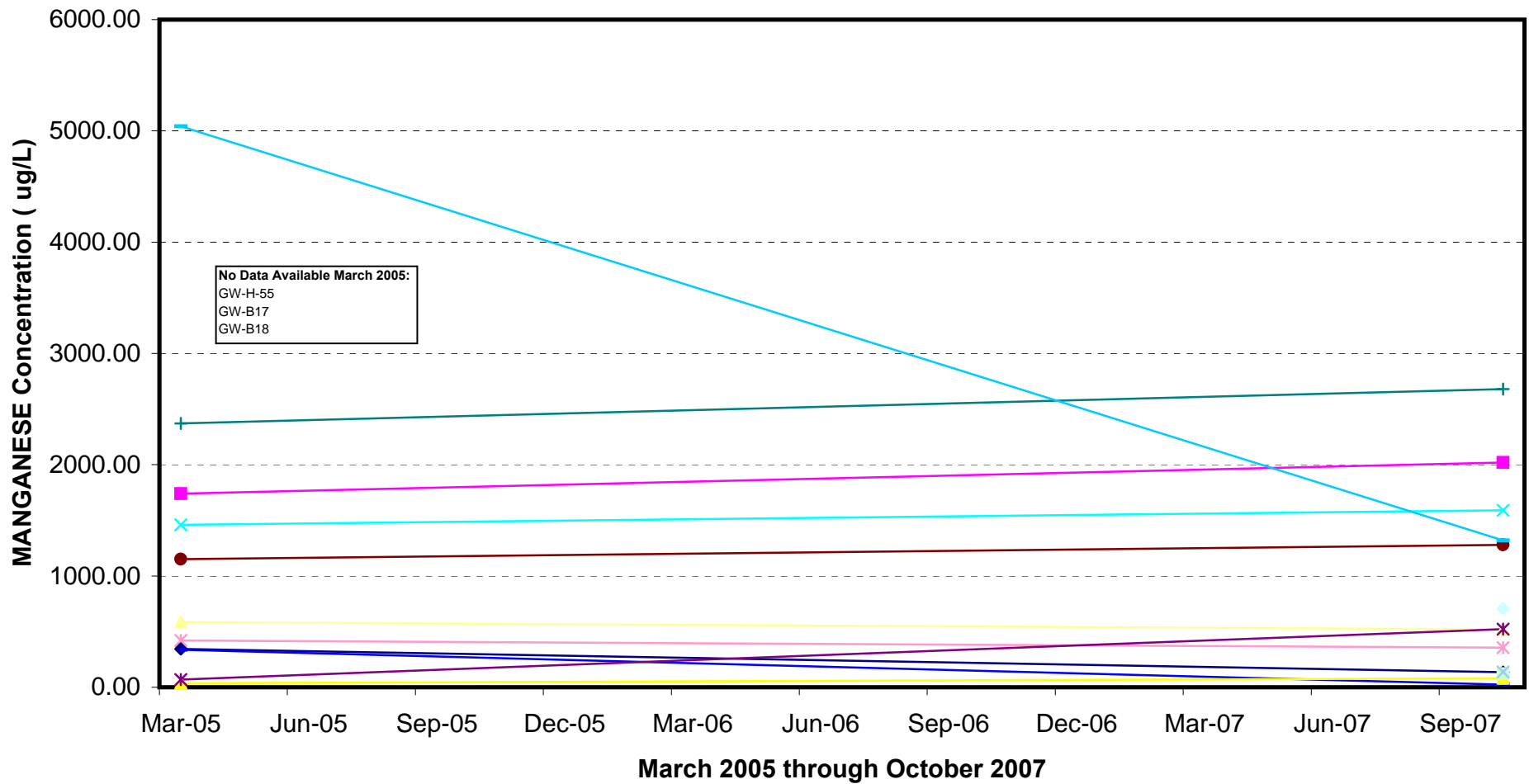
Notes:

The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report
(OCT-NOV 2007)
BMI Corrective Action Management Unit
(CAMU) Landfill
Clark County, Nevada

**ARSENIC
CONCENTRATION TREND GRAPH**



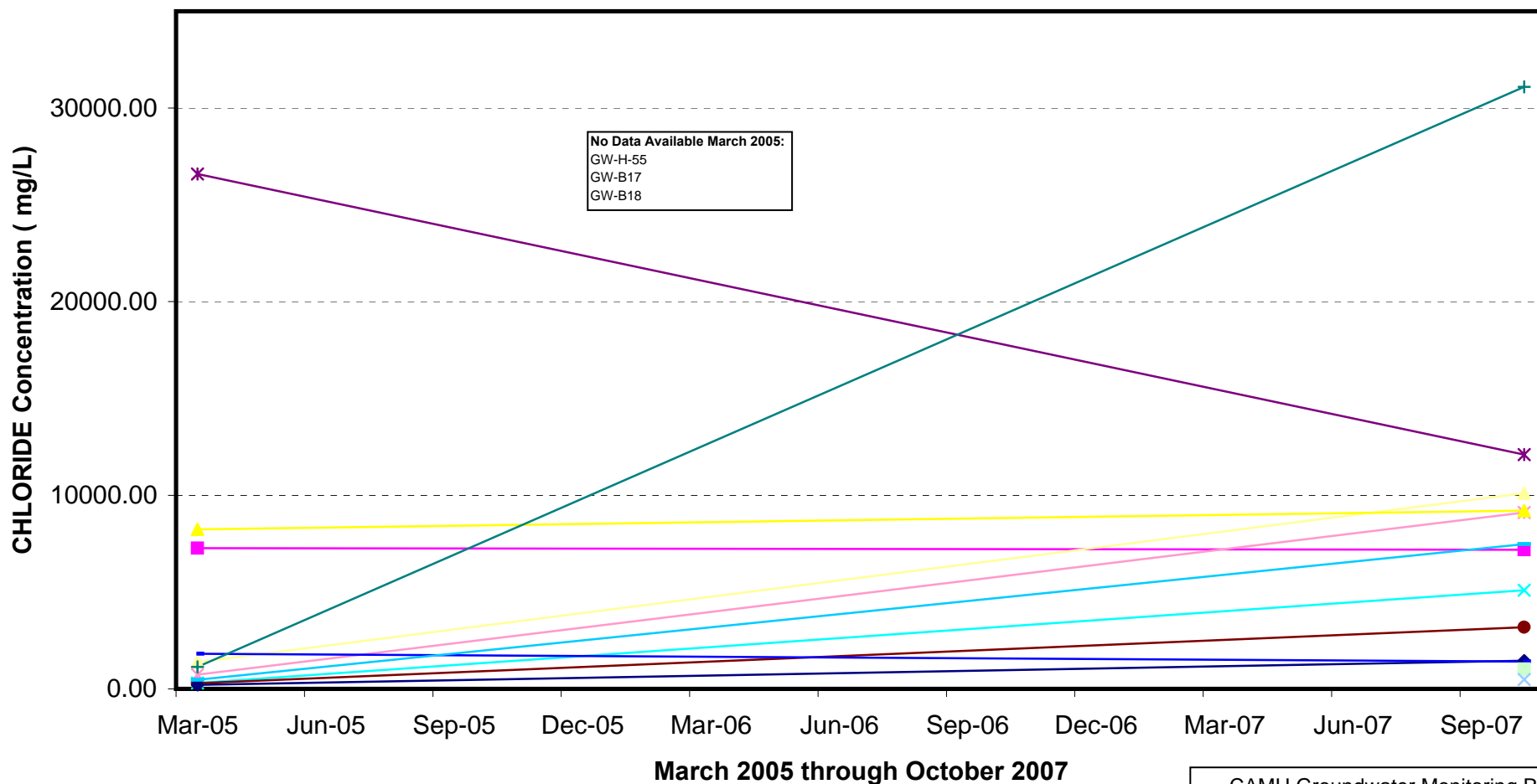


Notes:
 The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

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 BMI Corrective Action Management Unit
 (CAMU) Landfill
 Clark County, Nevada

**MANGANESE
 CONCENTRATION TREND GRAPH**





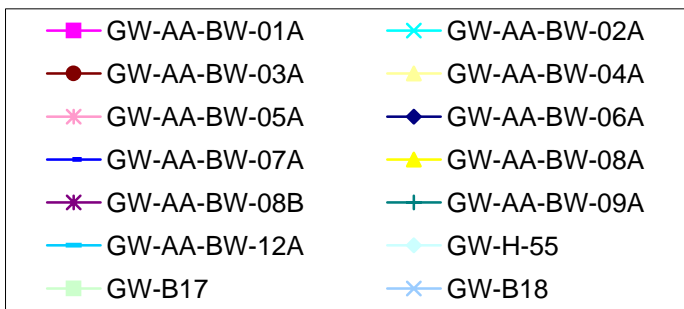
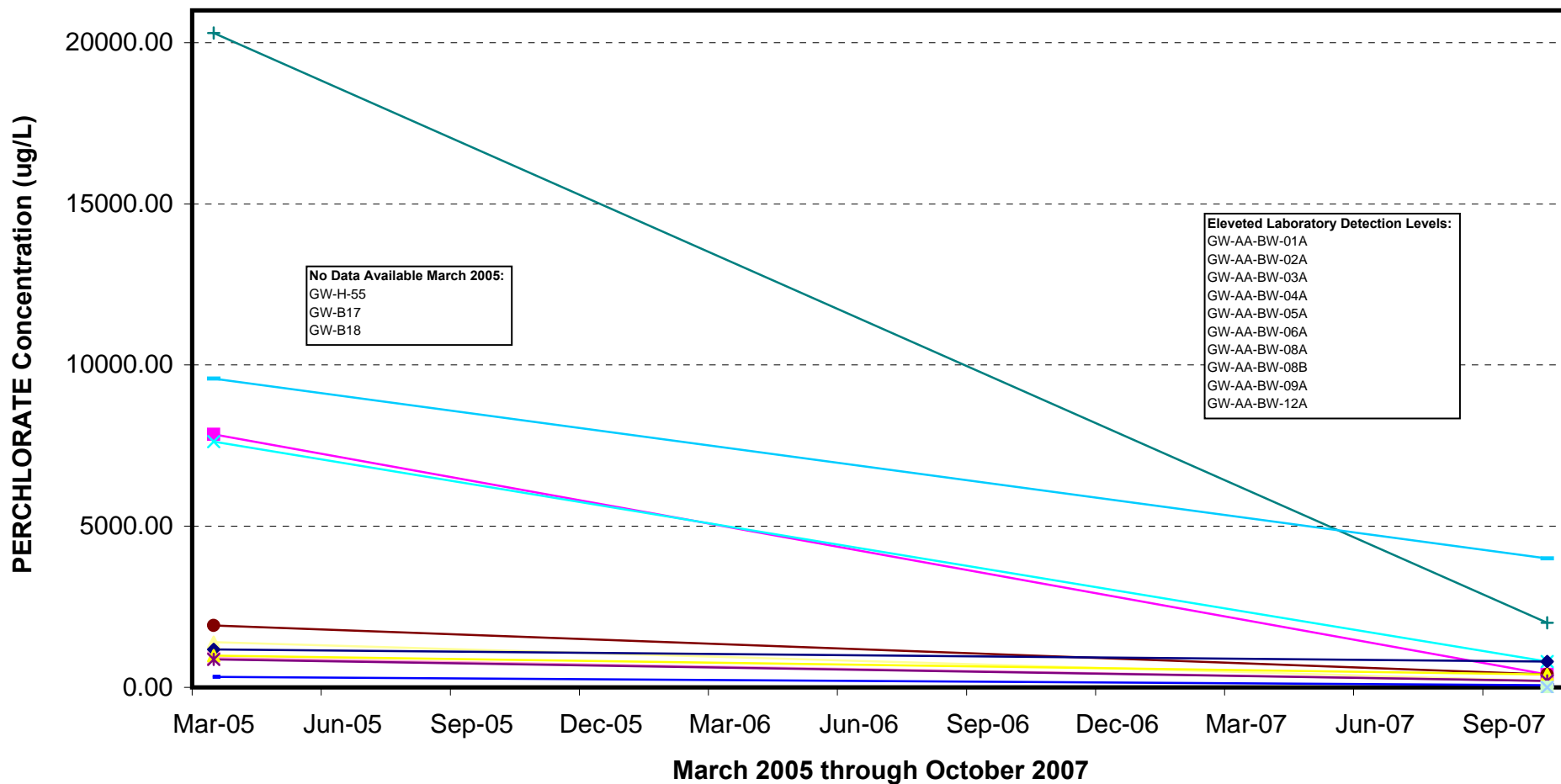
Notes:

The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

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BMI Corrective Action Management Unit
(CAMU) Landfill
Clark County, Nevada

**CHLORIDE
CONCENTRATION TREND GRAPH**





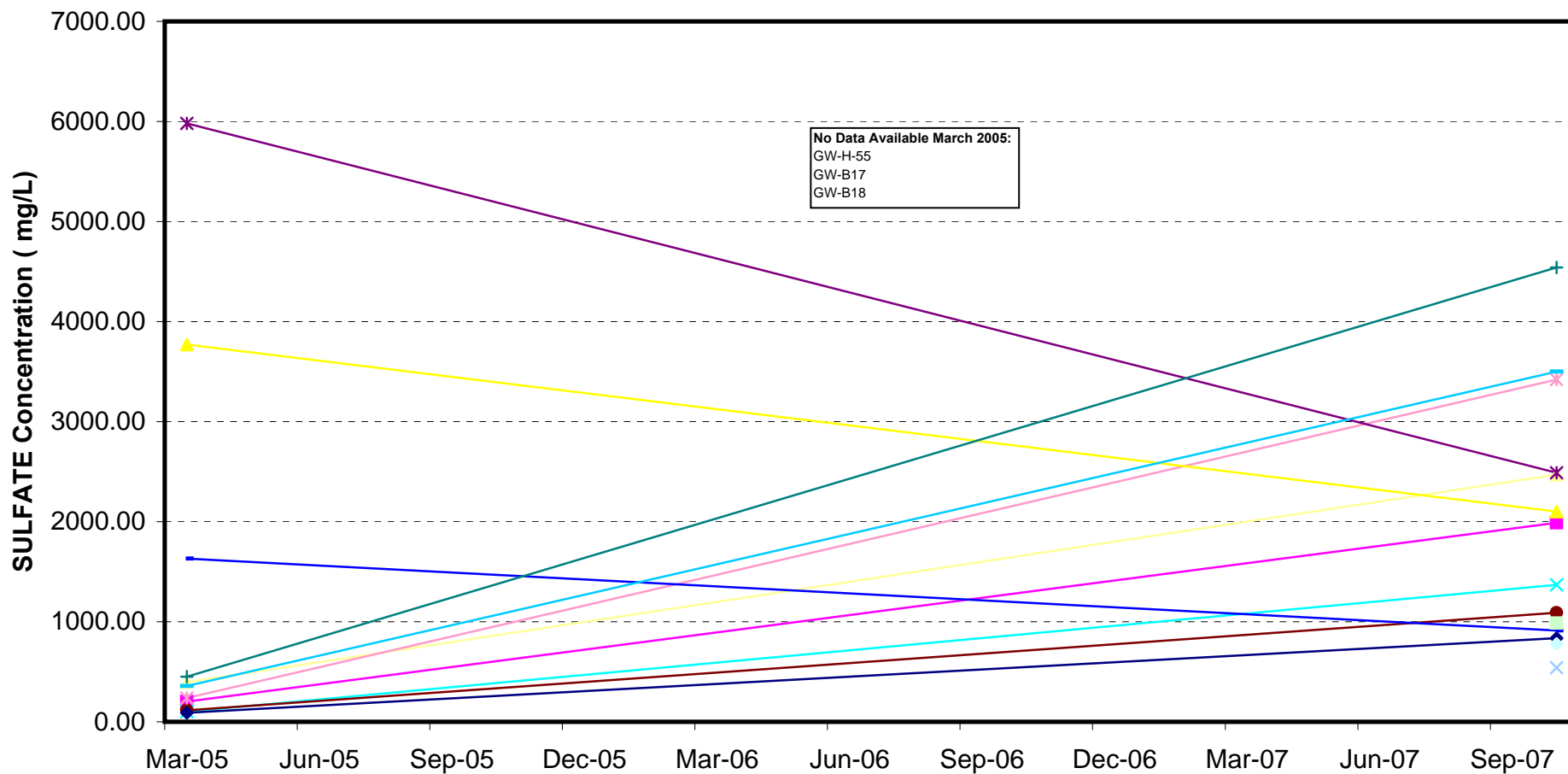
Notes:

The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

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BMI Corrective Action Management Unit
(CAMU) Landfill
Clark County, Nevada

**PERCHLORATE
CONCENTRATION TREND GRAPH**



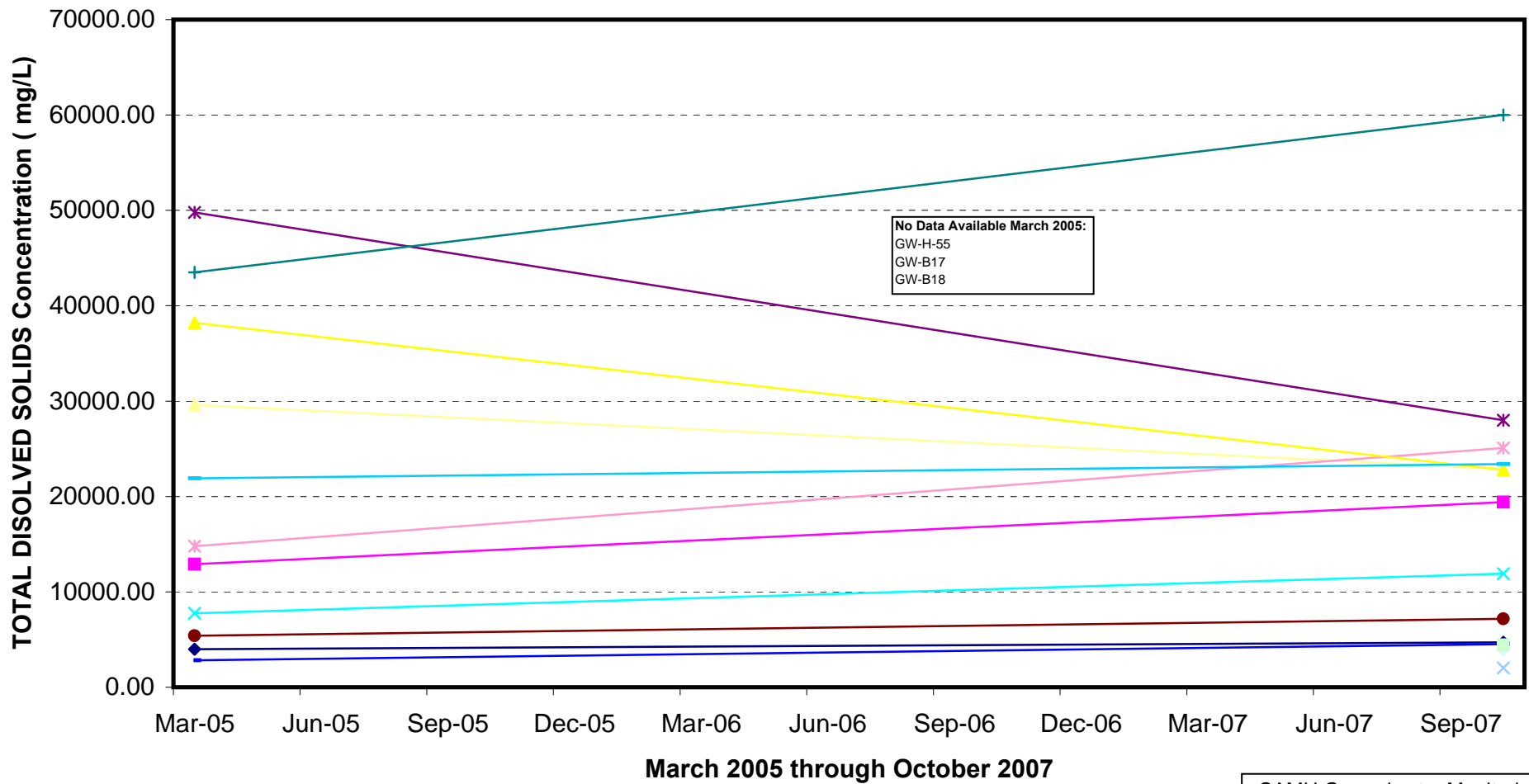


Notes:
 The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

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 BMI Corrective Action Management Unit
 (CAMU) Landfill
 Clark County, Nevada

SULFATE CONCENTRATION TREND GRAPH

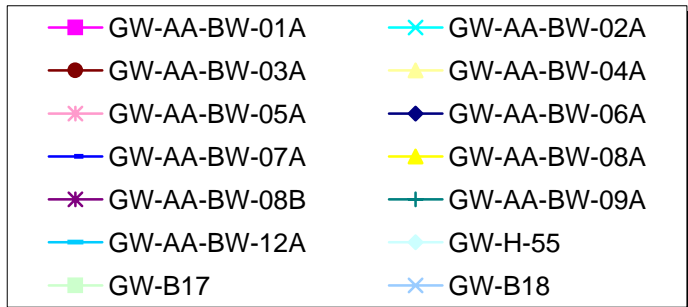
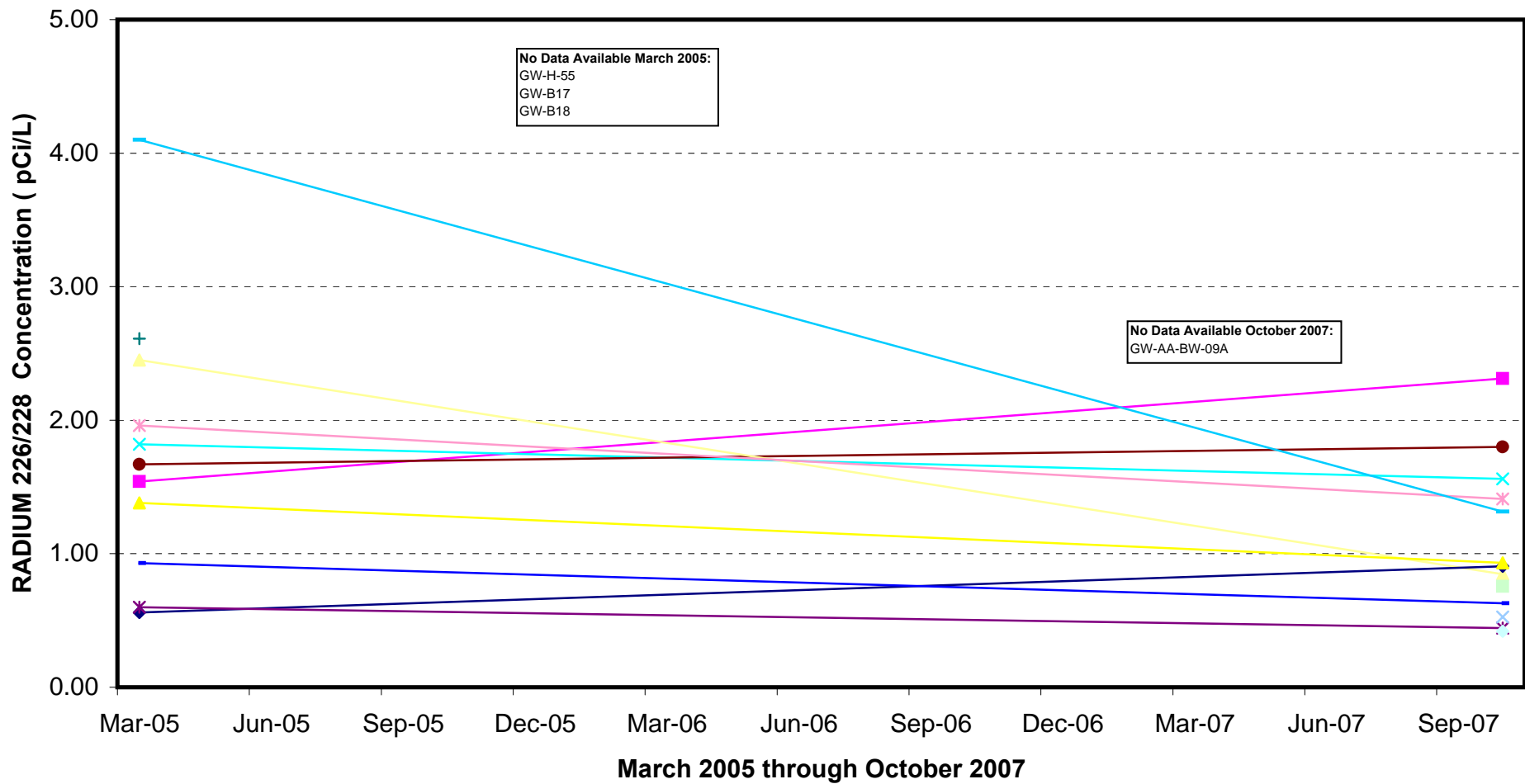




Notes:
 The graph depicts the fourteen wells with the highest
 analyte concentrations from the current groundwater
 event.

CAMU Groundwater Monitoring Report
 (OCT-NOV 2007)
 BMI Corrective Action Management Unit
 (CAMU) Landfill
 Clark County, Nevada

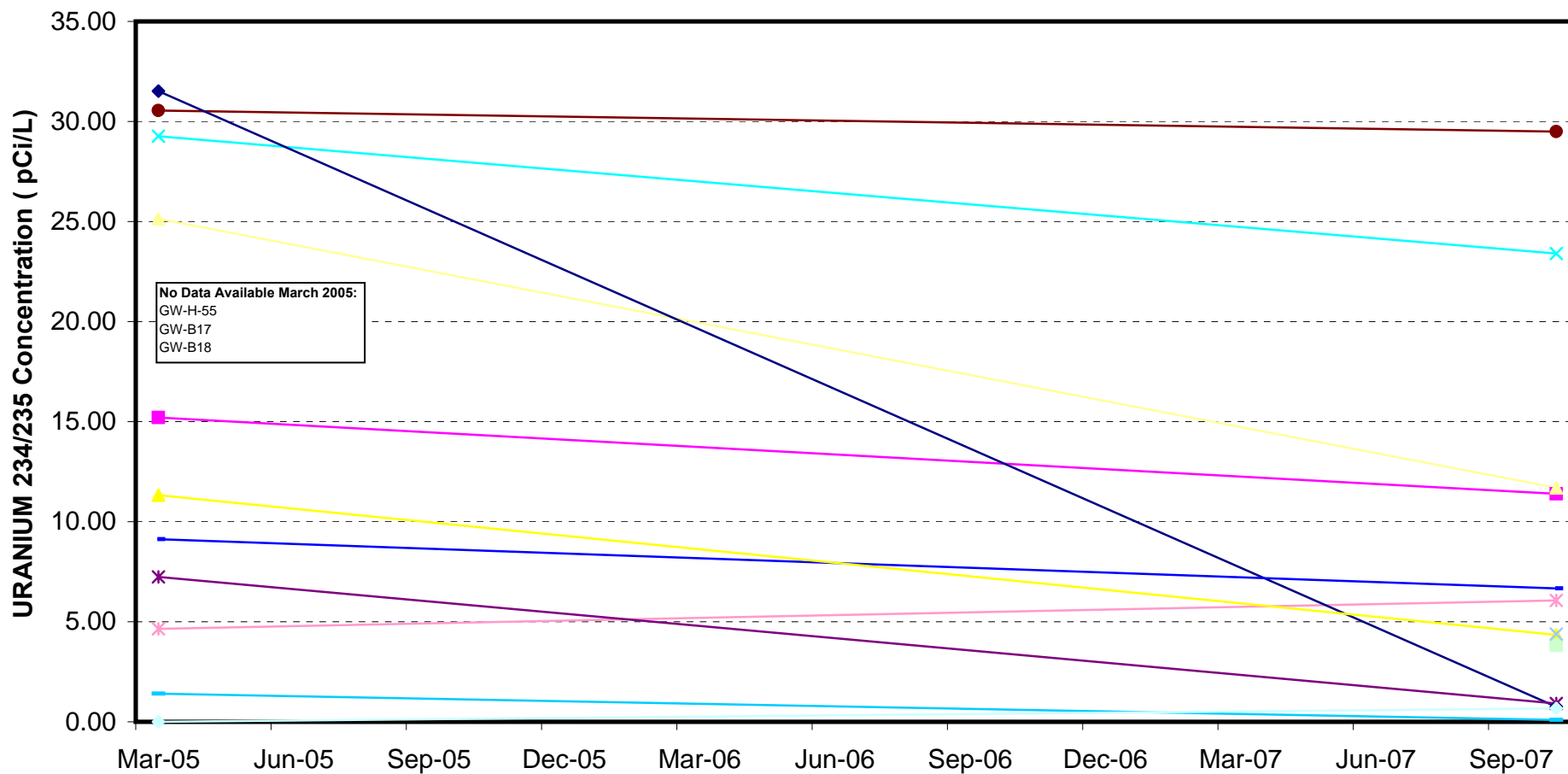
**TOTAL DISSOLVED SOLIDS
 CONCENTRATION TREND GRAPH**



Notes:
The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report
(OCT-NOV 2007)
BMI Corrective Action Management Unit
(CAMU) Landfill
Clark County, Nevada

**RADIUM 226/228
CONCENTRATION TREND GRAPH**



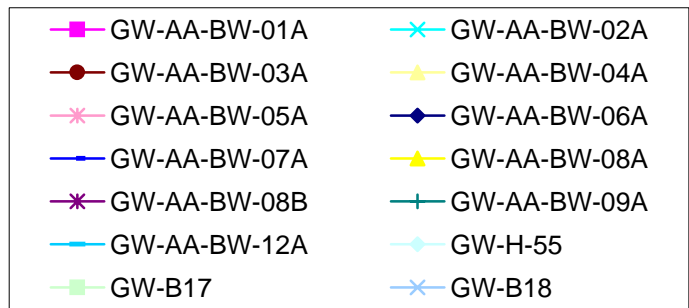
March 2005 through October 2007

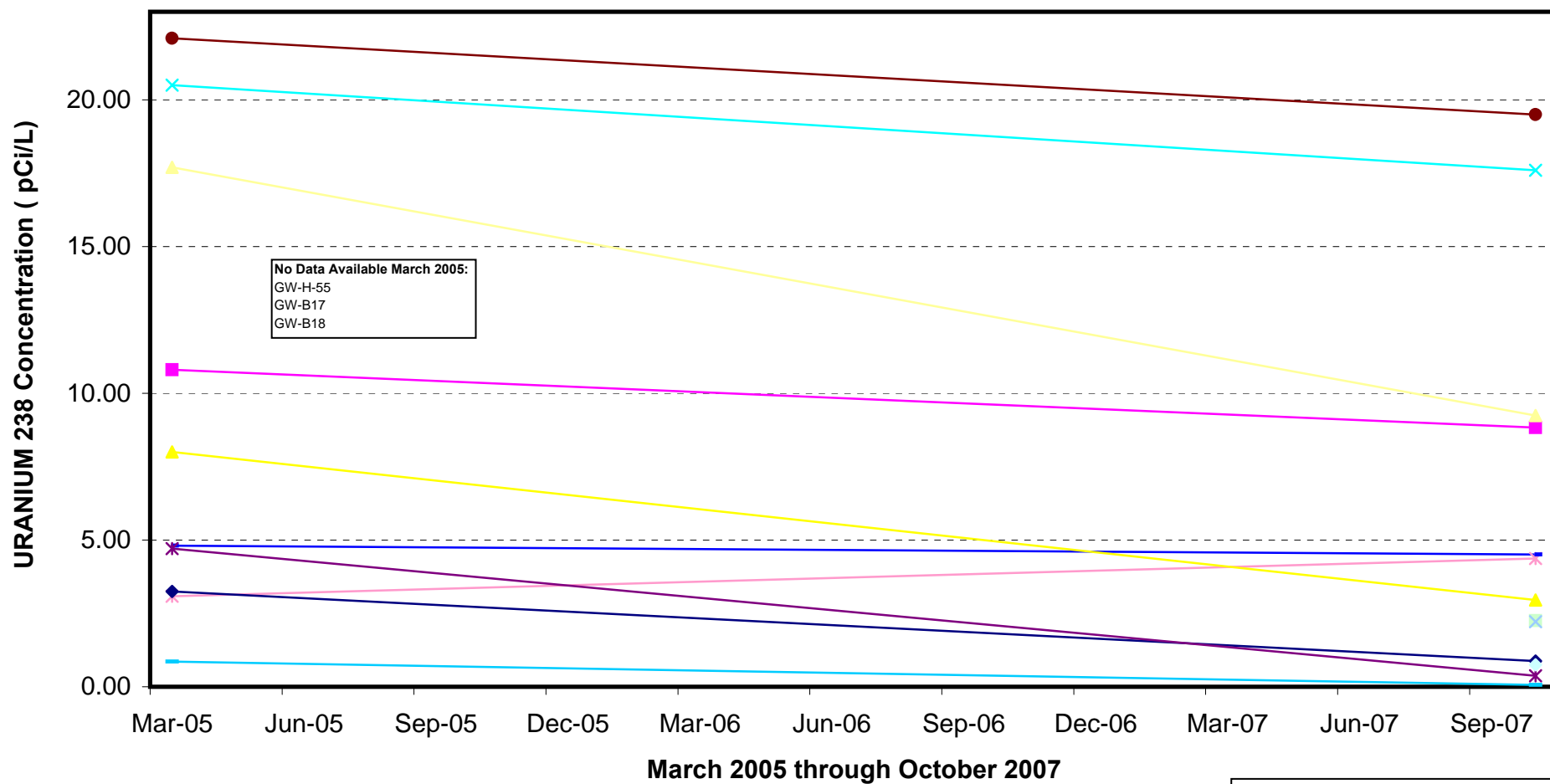
Notes:

The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report
 (OCT-NOV 2007)
 BMI Corrective Action Management Unit
 (CAMU) Landfill
 Clark County, Nevada

**URANIUM 234/235
 CONCENTRATION TREND GRAPH**



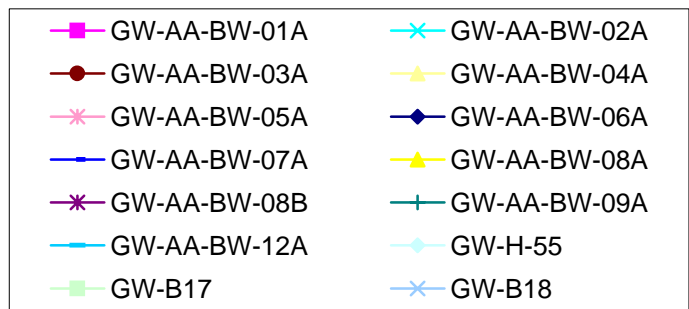


Notes:

The graph depicts the fourteen wells with the highest analyte concentrations from the current groundwater event.

CAMU Groundwater Monitoring Report (OCT-
NOV 2007)
BMI Corrective Action Management Unit
(CAMU) Landfill
Clark County, Nevada

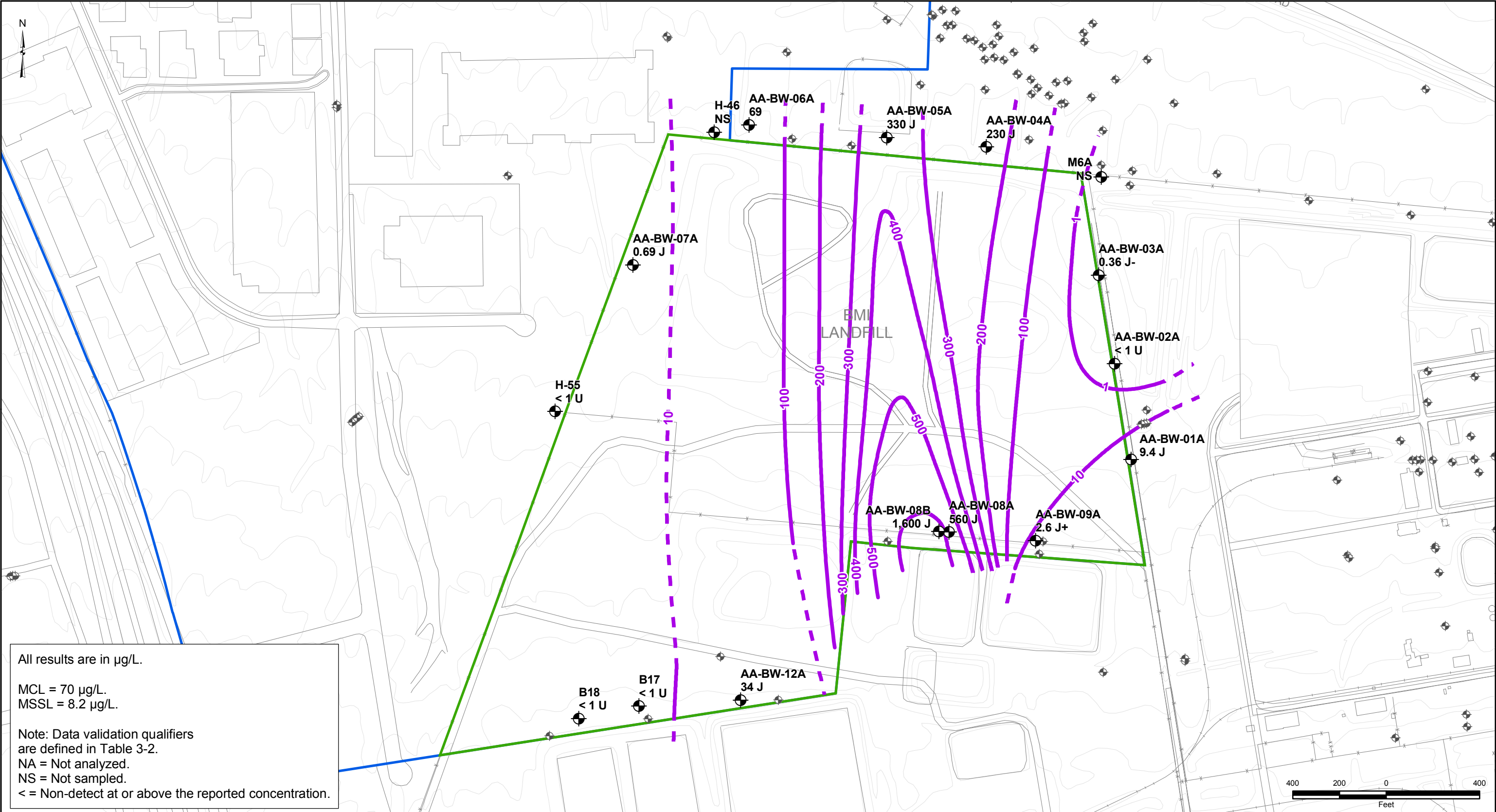
**URANIUM 238
CONCENTRATION TREND GRAPH**



APPENDIX D
CONCENTRATION FIGURES

LIST OF FIGURES






FIGURE D-1	1,2,4-TRICHLOROBENZENE IN ALLUVIAL AQUIFER
FIGURE D-2	1, 2-DICHLOROBENZENE IN ALLUVIAL AQUIFER
FIGURE D-3	1,4-DICHLOROBENZENE IN ALLUVIAL AQUIFER
FIGURE D-4	BENZENE IN ALLUVIAL AQUIFER
FIGURE D-5	CHLOROBENZENE IN ALLUVIAL AQUIFER
FIGURE D-6	TRICHLOROETHYLENE IN ALLUVIAL AQUIFER
FIGURE D-7	TETRACHLOROETHYLENE IN ALLUVIAL AQUIFER
FIGURE D-8	c-1,2-DICHLOROETHYLENE IN ALLUVIAL AQUIFER
FIGURE D-9	t-1,2-DICHLOROETHYLENE IN ALLUVIAL AQUIFER
FIGURE D-10	VINYL CHLORIDE IN ALLUVIAL AQUIFER
FIGURE D-11	CHLOROFORM IN ALLUVIAL AQUIFER
FIGURE D-12	alpha-BHC IN ALLUVIAL AQUIFER
FIGURE D-13	beta-BHC IN ALLUVIAL AQUIFER
FIGURE D-14	gamma-BHC (LINDANE) IN ALLUVIAL AQUIFER
FIGURE D-15	ARSENIC IN ALLUVIAL AQUIFER
FIGURE D-16	MANGANESE IN ALLUVIAL AQUIFER
FIGURE D-17	CHLORIDE IN ALLUVIAL AQUIFER
FIGURE D-18	PERCHLORATE IN ALLUVIAL AQUIFER
FIGURE D-19	SULFATE IN ALLUVIAL AQUIFER
FIGURE D-20	TOTAL DISSOLVED SOLIDS IN ALLUVIAL AQUIFER
FIGURE D-21	RADIUM-226/228 IN ALLUVIAL AQUIFER
FIGURE D-22	URANIUM-233/234 IN ALLUVIAL AQUIFER
FIGURE D-23	URANIUM-238 IN ALLUVIAL AQUIFER



All results are in µg/L.

MCL = 70 µg/L.
MSSL = 8.2 µg/L.

Note: Data validation qualifiers
are defined in Table 3-2.
NA = Not analyzed.
NS = Not sampled.
< = Non-detect at or above the reported concentration.

- | | |
|--|--|
|  Site AOC3 Boundary |  Concentration Contour
(dashed where inferred) |
|  Site Soil Boundary |  BRC GMP Monitoring Wells |
| |  Other Monitoring Wells |

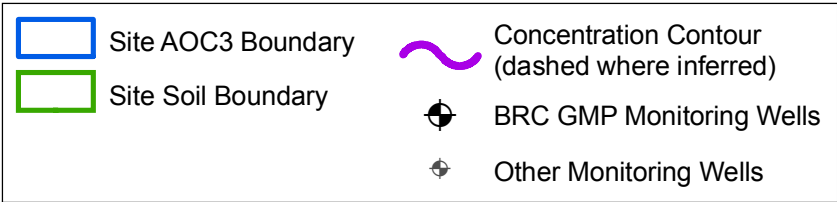
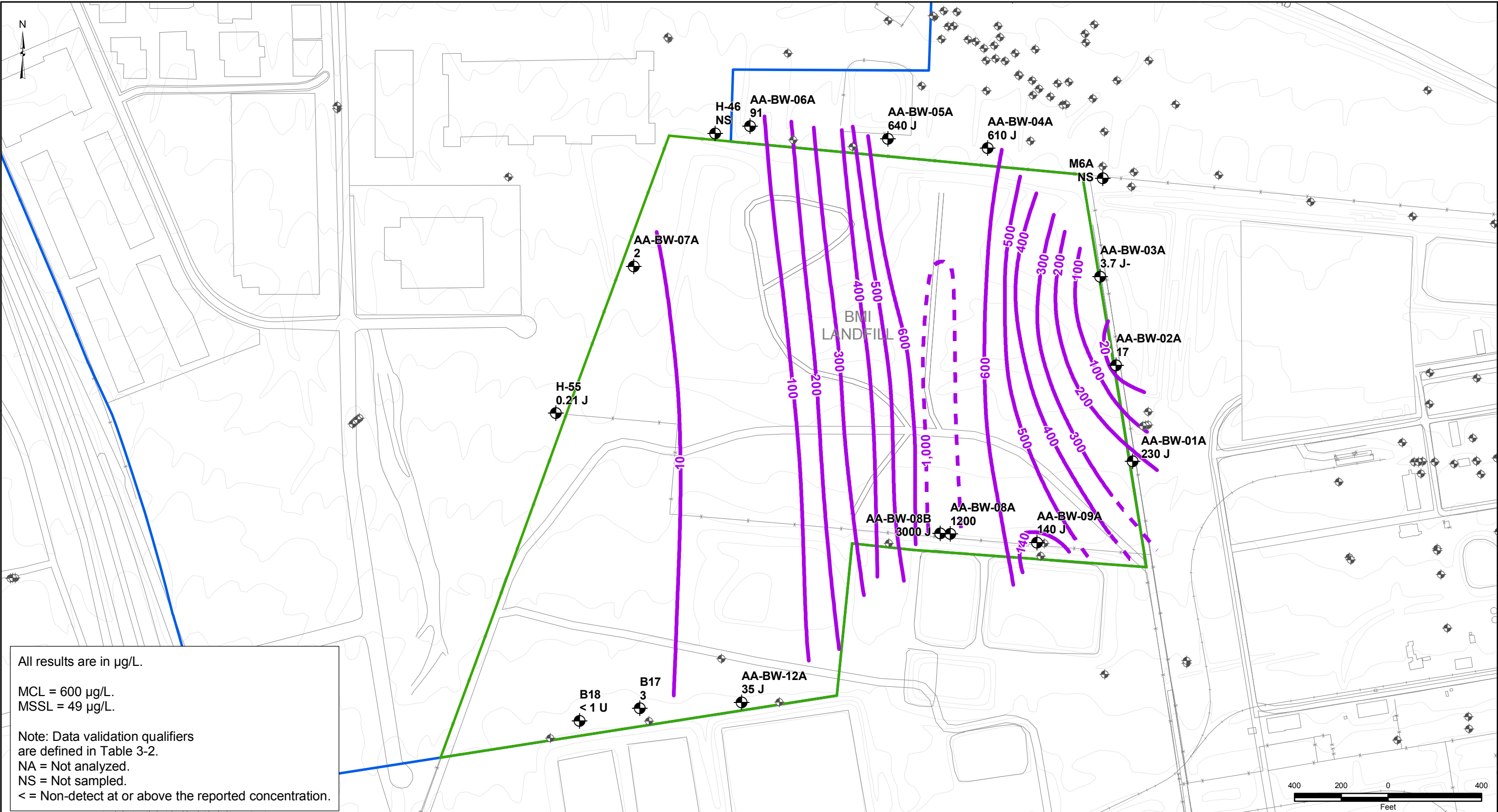
CAMU GROUNDWATER
MONITORING REPORT
(OCTOBER-NOVEMBER 2007)

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

FIGURE D-1

1,2,4-TRICHLOROBENZENE
IN ALLUVIAL AQUIFER



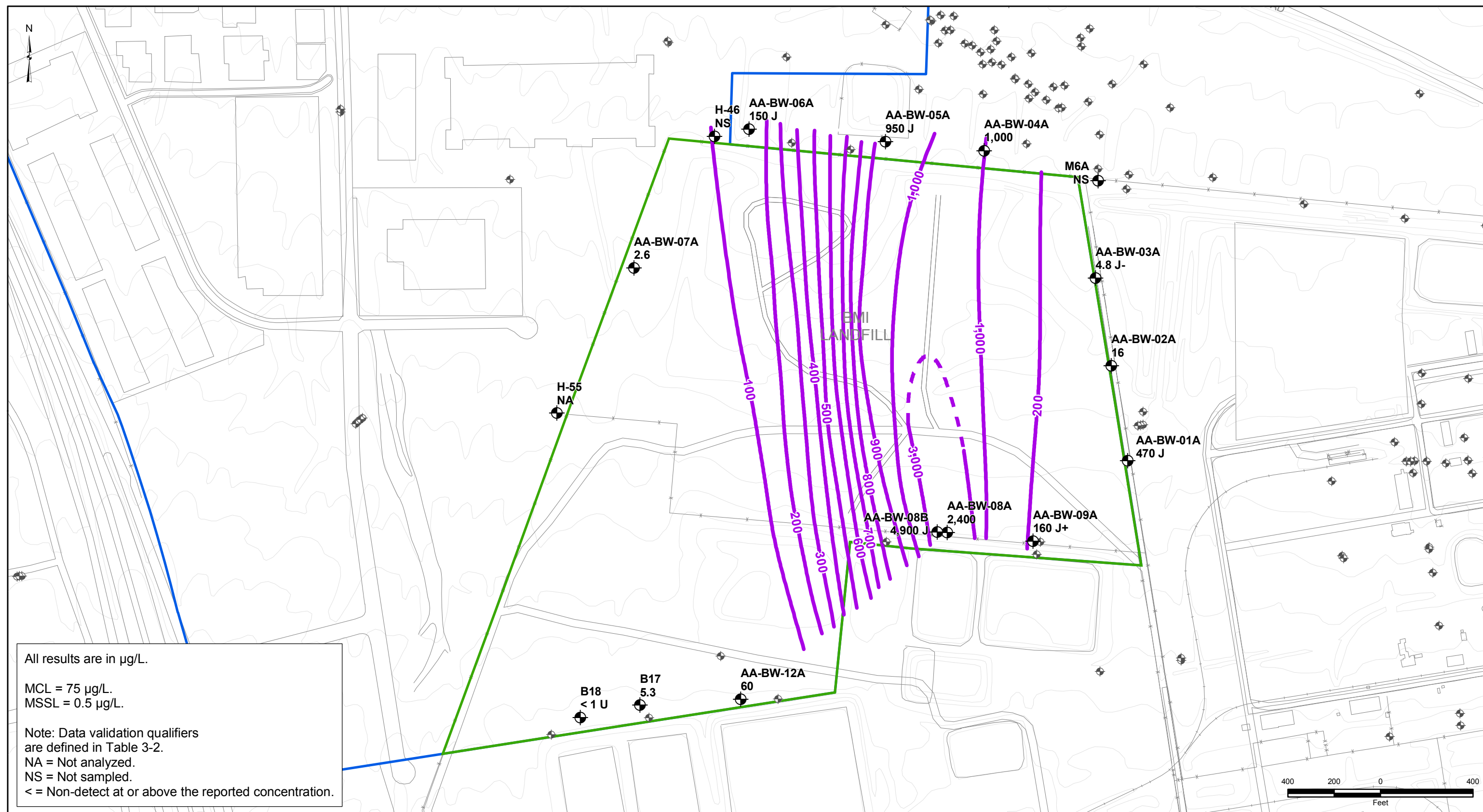


CAMU GROUNDWATER
MONITORING REPORT
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FIGURE D-2
1,2-DICHLOROBENZENE
IN ALLUVIAL AQUIFER





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

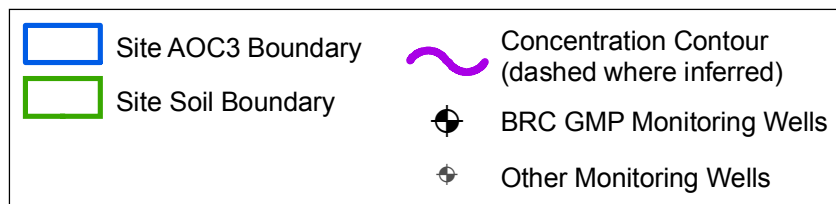
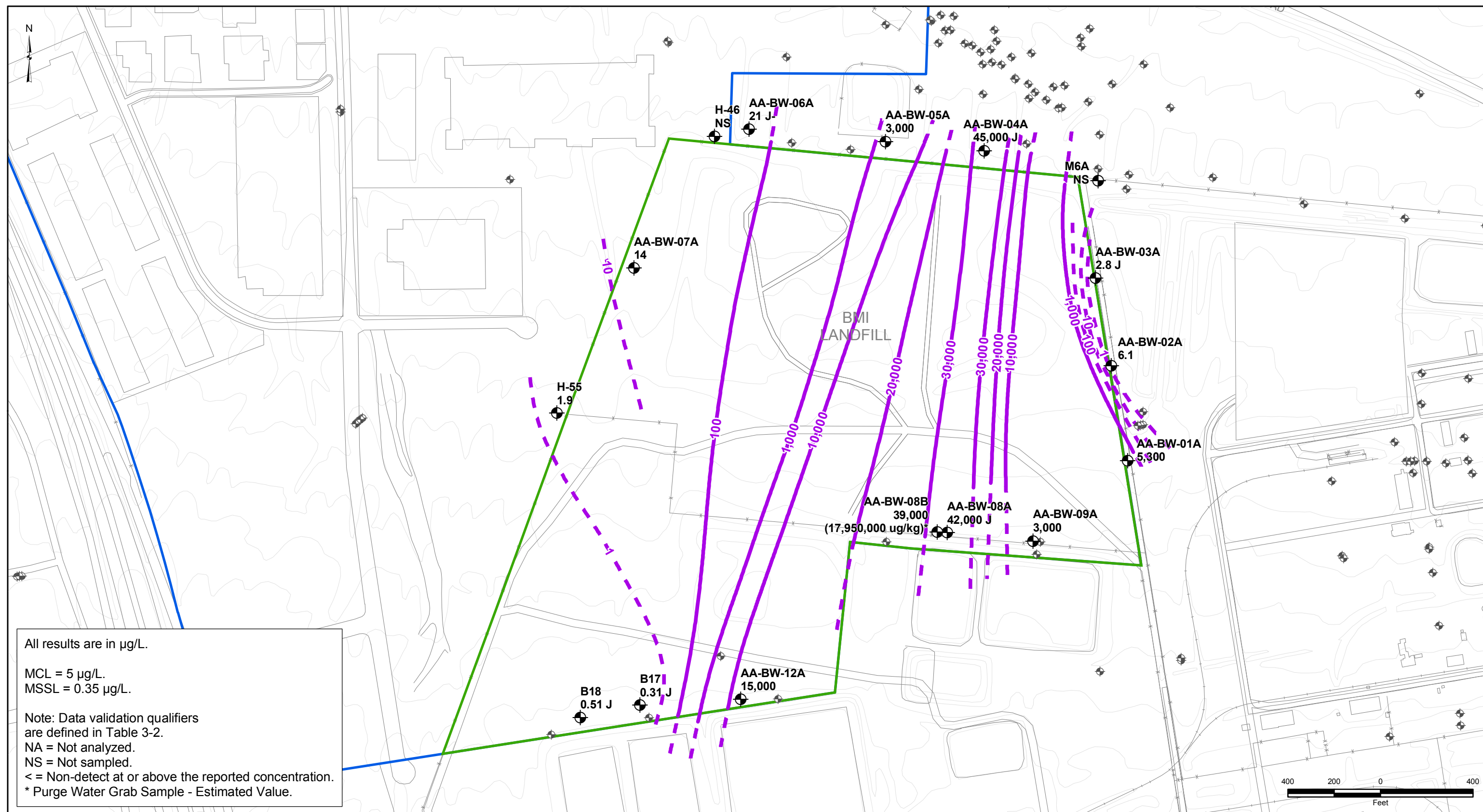
FIGURE D-3

1,4-DICHLOROBENZENE
IN ALLUVIAL AQUIFER



Prepared by: MWH
Date: 07/10/08

JOB No. 0074742
FILE: GIS/BRC/CAMU_GW/APPENDIX-D.MXD



CAMU GROUNDWATER
MONITORING REPORT
(OCTOBER-NOVEMBER 2007)

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

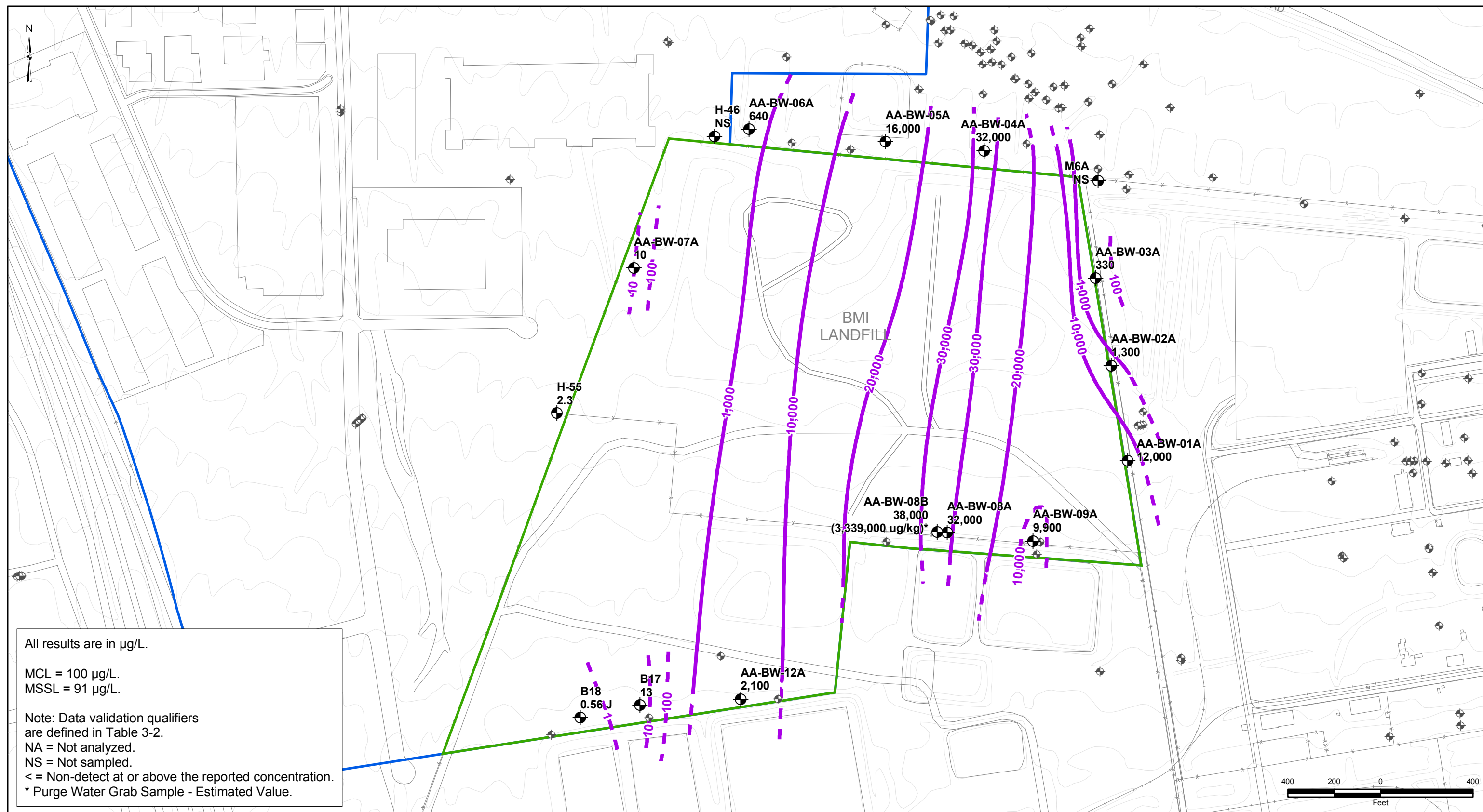
FIGURE D-4

BENZENE
IN ALLUVIAL AQUIFER



Prepared by: MWH
Date: 07/10/08

JOB No. 0074742
FILE: GIS/BRC/CAMU_GW/APPENDIX-D.MXD



CAMU GROUNDWATER
MONITORING REPORT
(OCTOBER-NOVEMBER 2007)

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

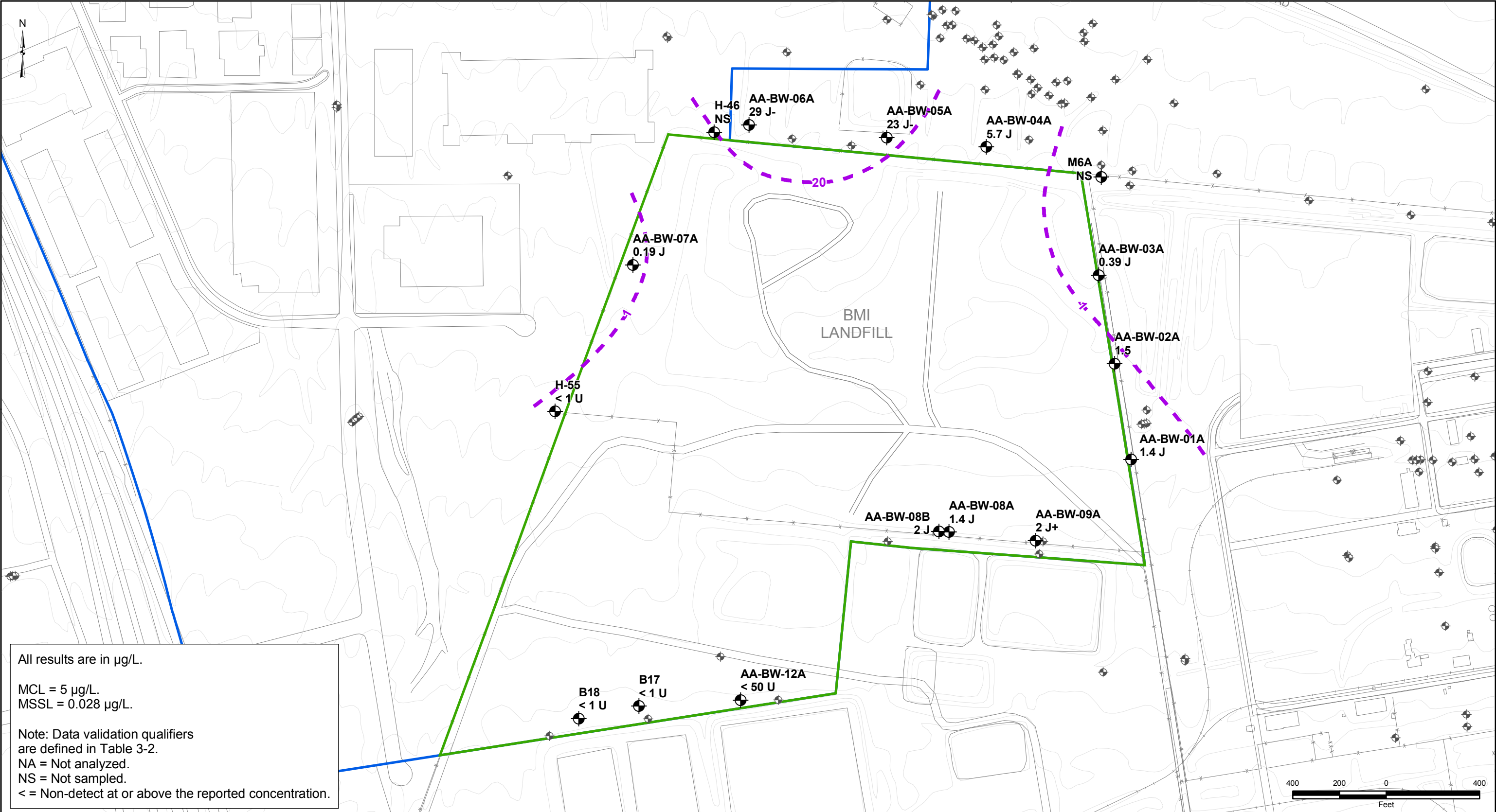
FIGURE D-5

CHLOROBENZENE
IN ALLUVIAL AQUIFER



Prepared by: MWH
Date: 07/10/08

JOB No. 0074742
FILE: GIS/BRC/CAMU_GW/APPENDIX-D.MXD



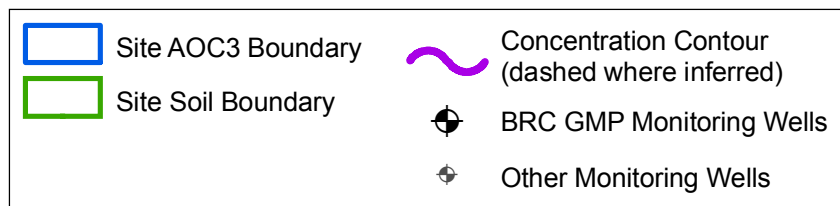
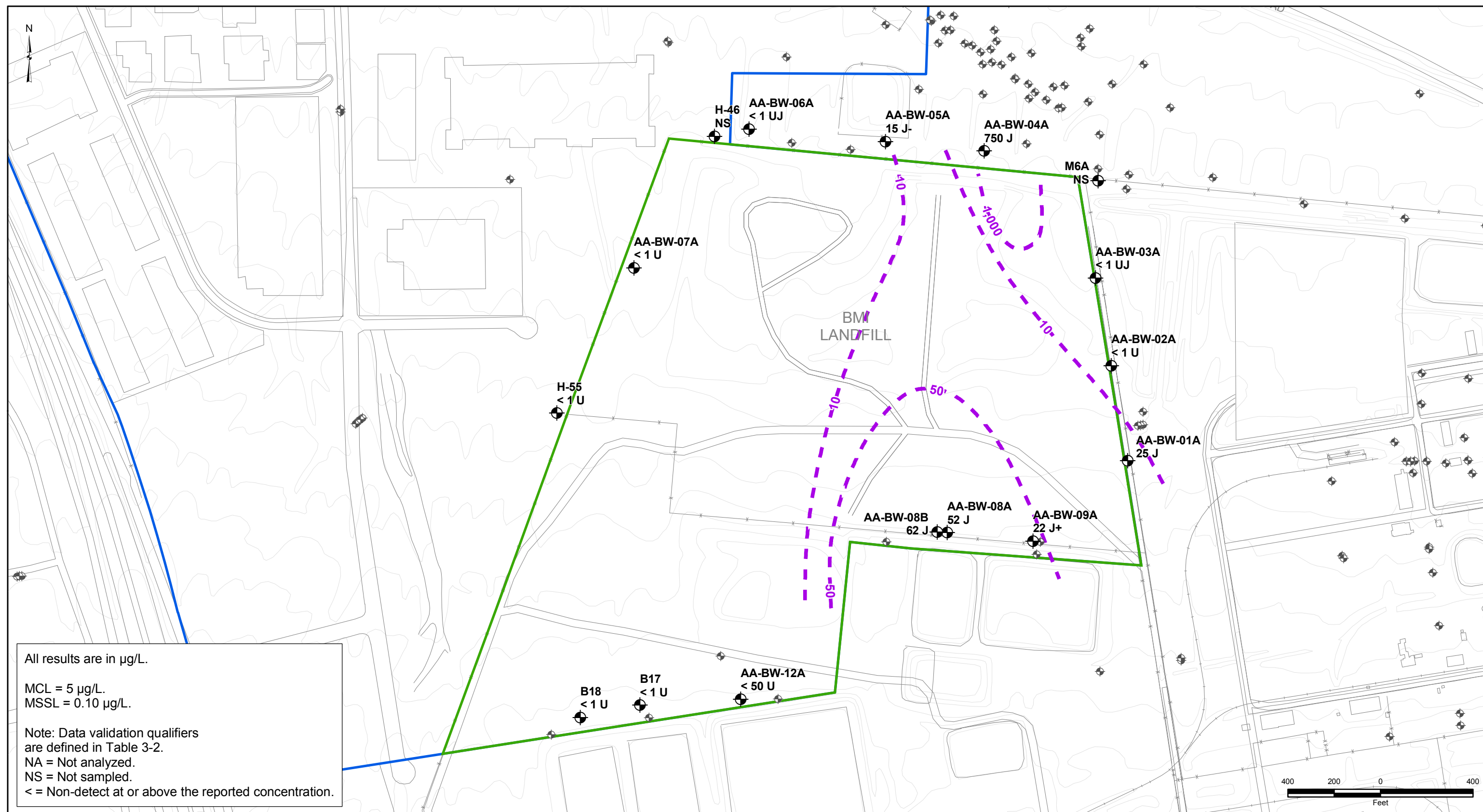
CAMU GROUNDWATER
MONITORING REPORT
(OCTOBER-NOVEMBER 2007)

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

FIGURE D-6

TRICHLOROETHYLENE
IN ALLUVIAL AQUIFER





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

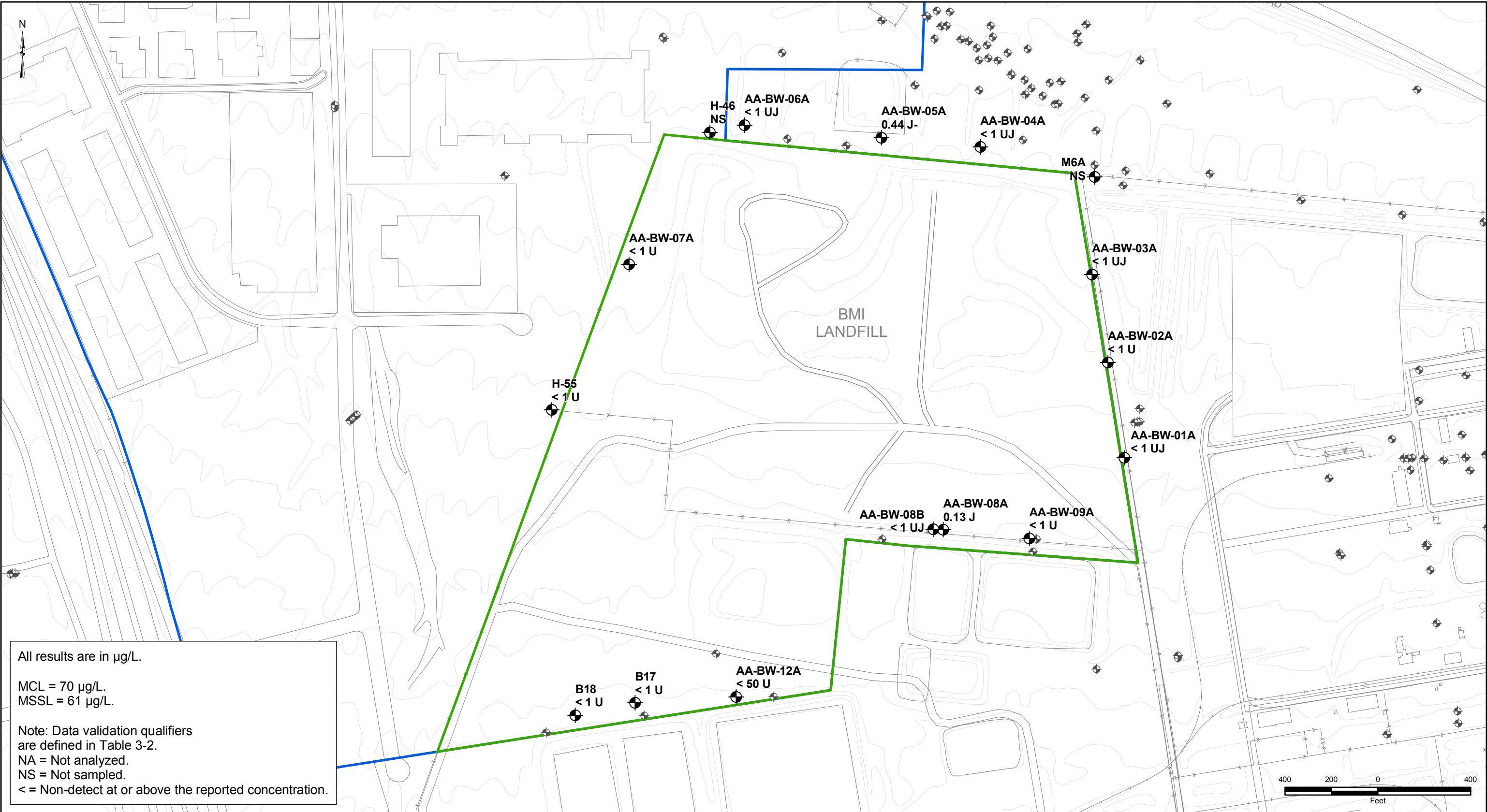
FIGURE D-7

TETRACHLOROETHYLENE
IN ALLUVIAL AQUIFER



Prepared by: MWH
Date: 07/10/08

JOB No. 0074742
FILE: GIS/BRC/CAMU_GW/APPENDIX-D.MXD



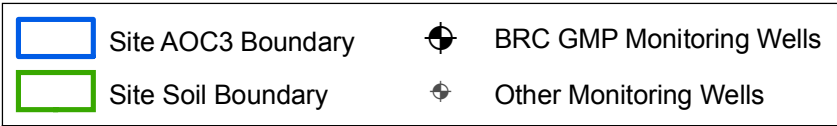
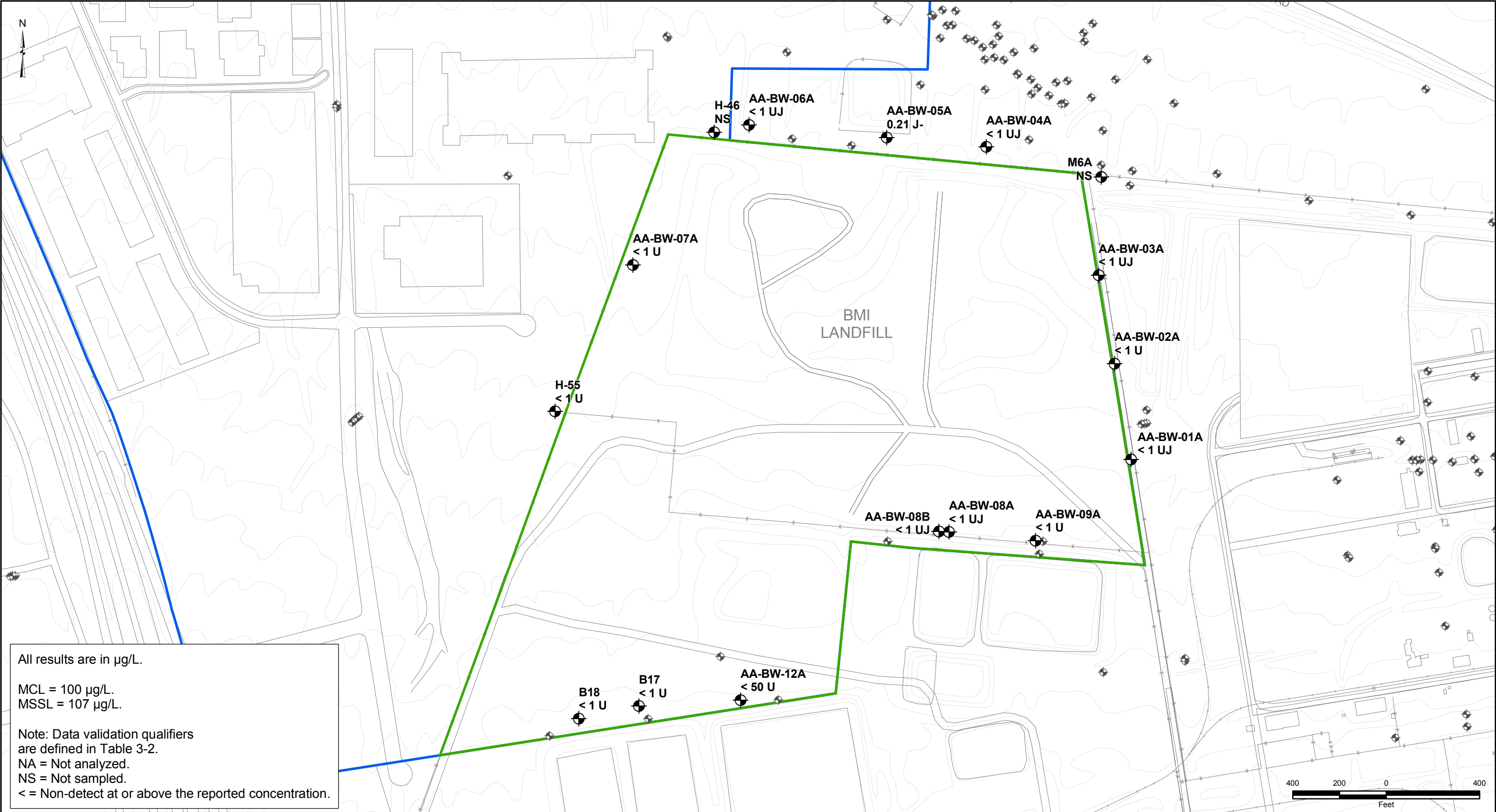
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FIGURE D-8

c-1,2-DICHLOROETHYLENE
IN ALLUVIAL AQUIFER





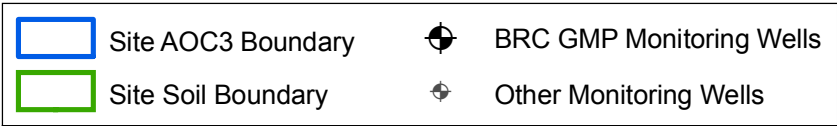
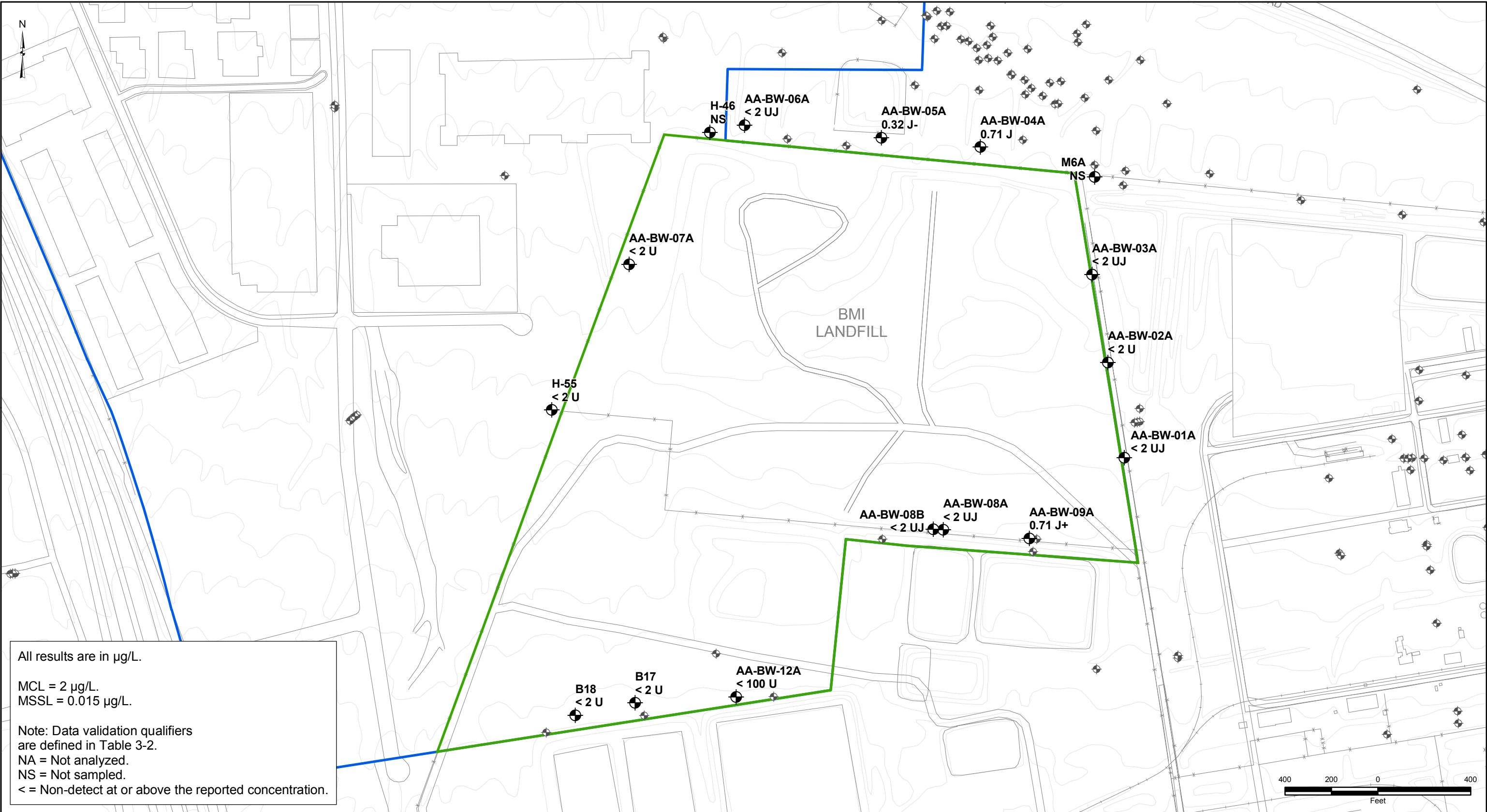
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FIGURE D-9

t-1,2-DICHLOROETHYLENE
IN ALLUVIAL AQUIFER





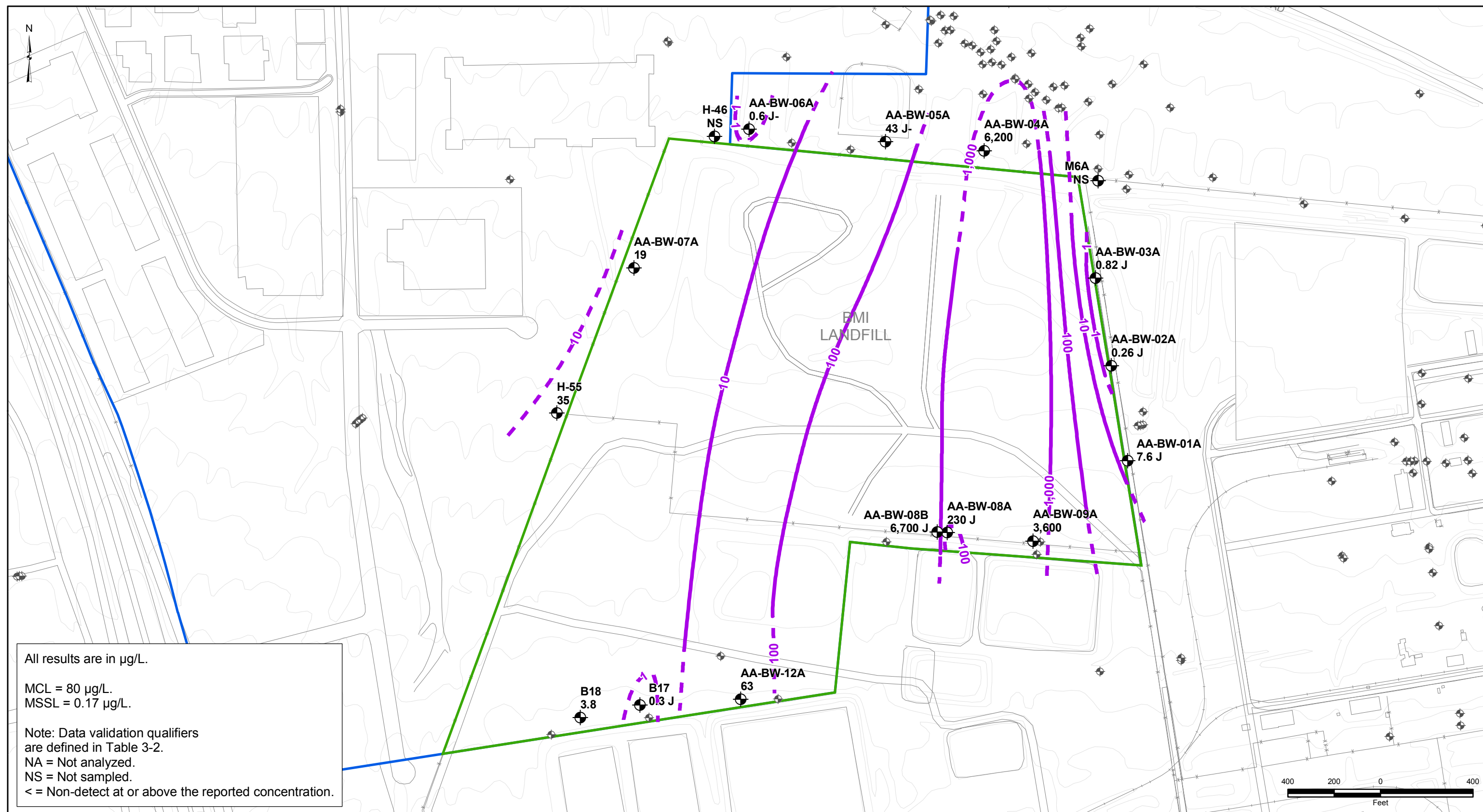
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FIGURE D-10

VINYL CHLORIDE
IN ALLUVIAL AQUIFER





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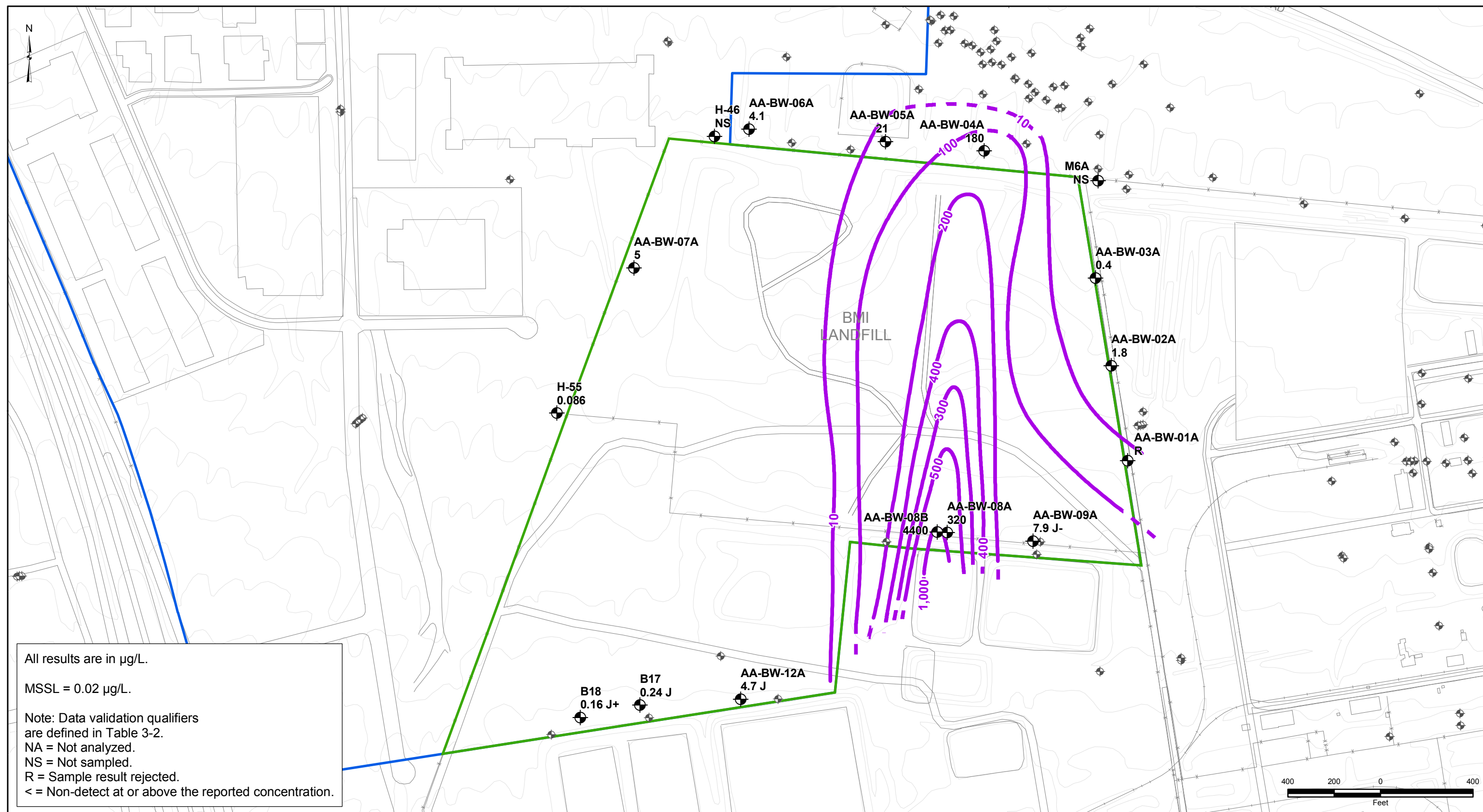
FIGURE D-11

CHLOROFORM
IN ALLUVIAL AQUIFER



Prepared by: MWH
Date: 07/10/08

JOB No. 0074742
FILE: GIS/BRC/CAMU_GW/APPENDIX-D.MXD



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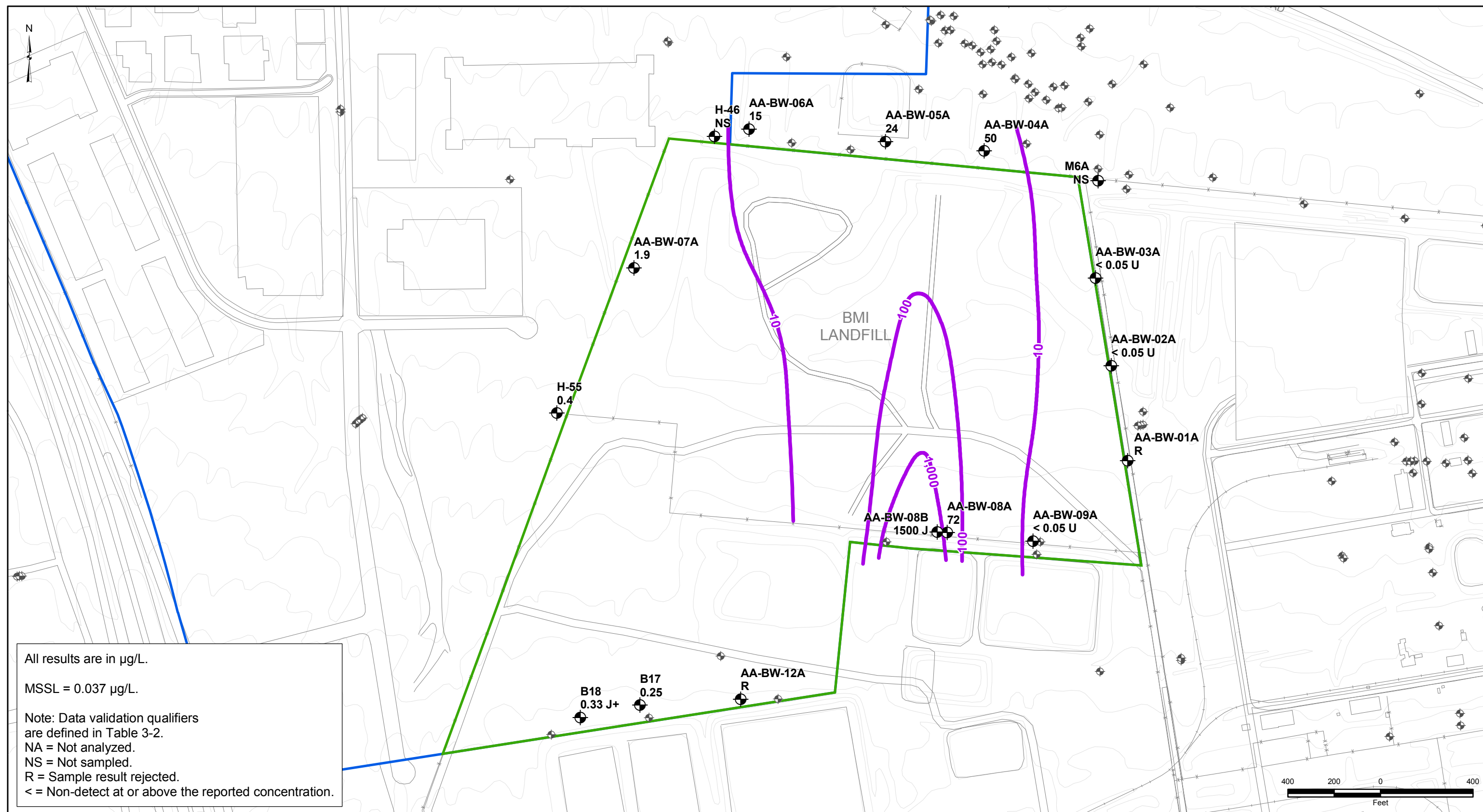
FIGURE D-12

alpha-BHC
IN ALLUVIAL AQUIFER



Prepared by: MWH
Date: 07/10/08

JOB No. 0074742
FILE: GIS/BRC/CAMU_GW/APPENDIX-D.MXD



All results are in µg/L.
MSSL = 0.037 µg/L.
Note: Data validation qualifiers are defined in Table 3-2.
NA = Not analyzed.
NS = Not sampled.
R = Sample result rejected.
< = Non-detect at or above the reported concentration.

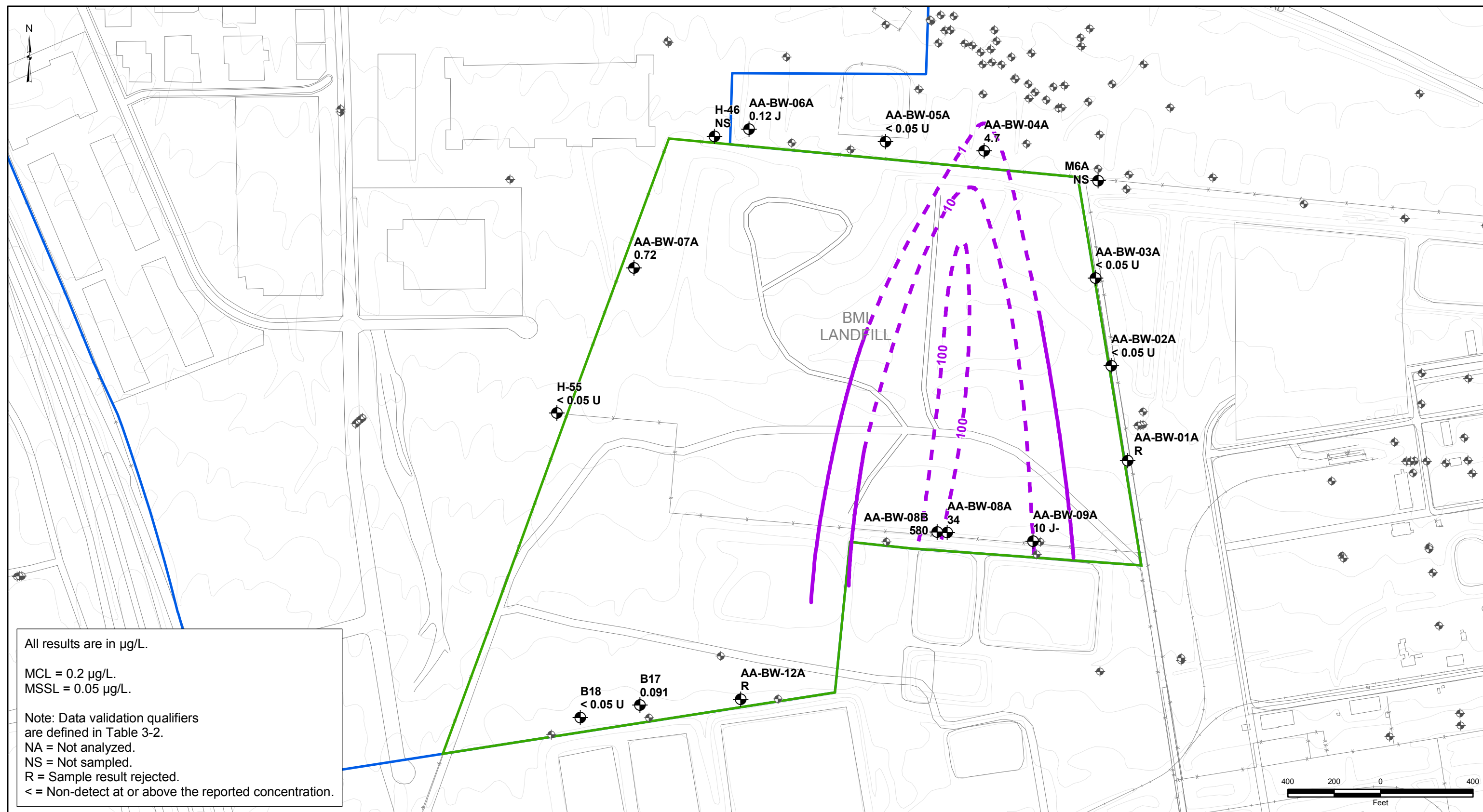
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FIGURE D-13

beta-BHC
IN ALLUVIAL AQUIFER





All results are in µg/L.

MCL = 0.2 µg/L.
MSSL = 0.05 µg/L.

Note: Data validation qualifiers are defined in Table 3-2.
NA = Not analyzed.
NS = Not sampled.
R = Sample result rejected.
< = Non-detect at or above the reported concentration.

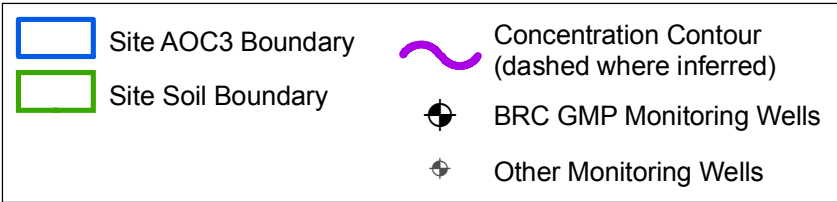
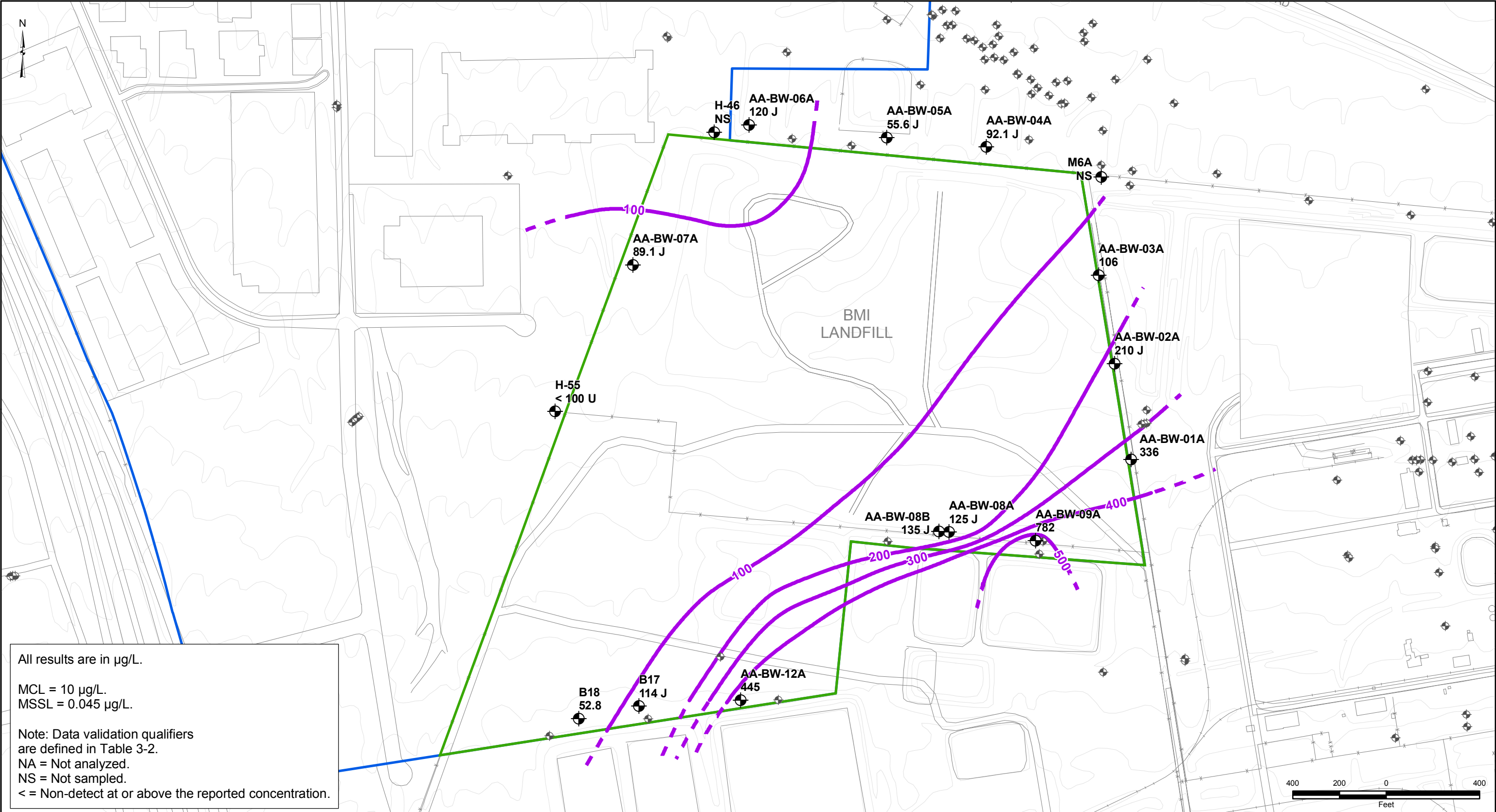
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FIGURE D-14

gamma-BHC (LINDANE)
IN ALLUVIAL AQUIFER





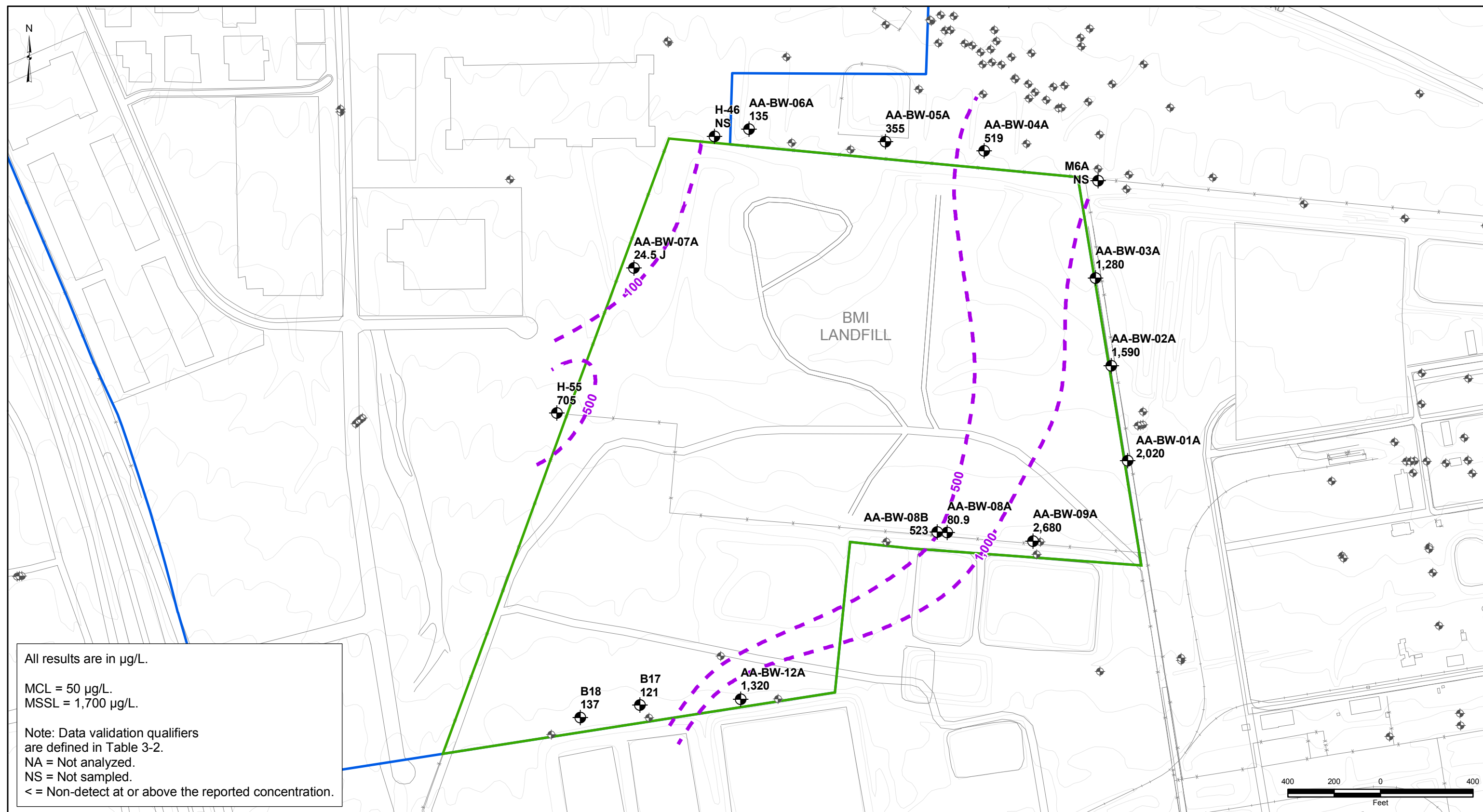
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FIGURE D-15

ARSENIC
IN ALLUVIAL AQUIFER





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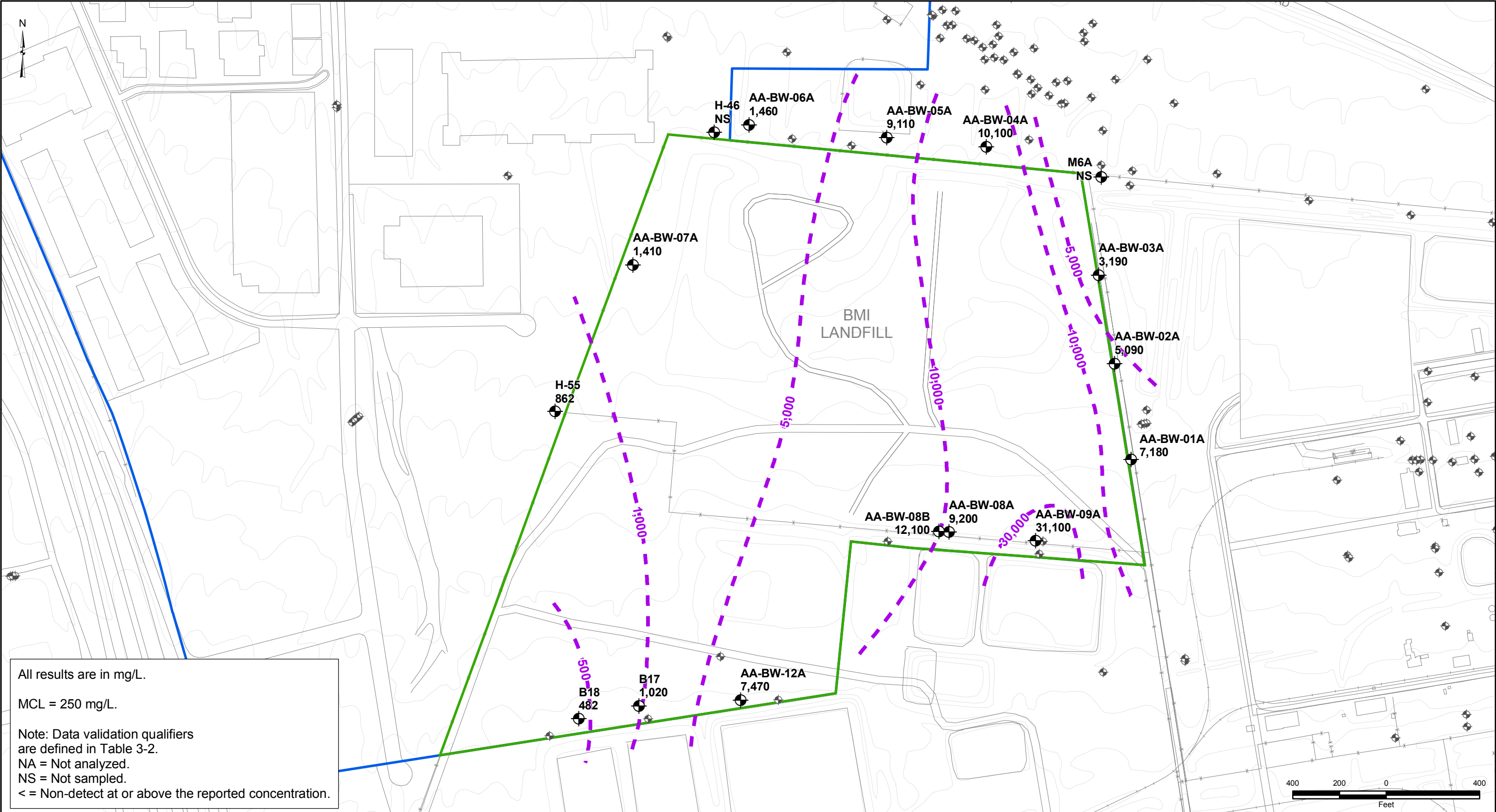
FIGURE D-16

MANGANESE
IN ALLUVIAL AQUIFER



Prepared by: MWH
Date: 07/10/08

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FILE: GIS/BRC/CAMU_GW/APPENDIX-D.MXD



All results are in mg/L.
MCL = 250 mg/L.
Note: Data validation qualifiers
are defined in Table 3-2.
NA = Not analyzed.
NS = Not sampled.
< = Non-detect at or above the reported concentration.

Site AOC3 Boundary

Site Soil Boundary

Concentration Contour
(dashed where inferred)

BRC GMP Monitoring Wells

Other Monitoring Wells

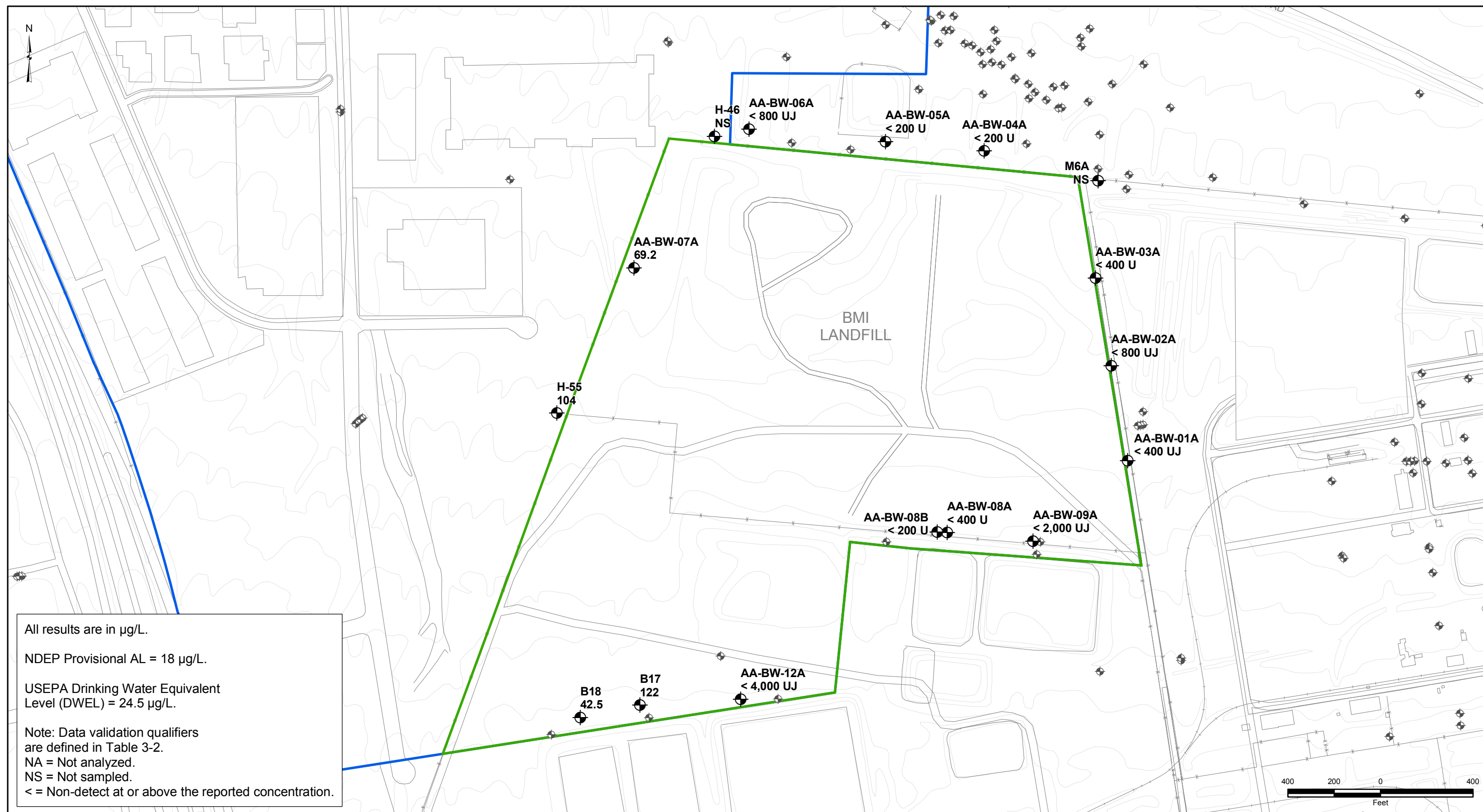
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FIGURE D-17

CHLORIDE
IN ALLUVIAL AQUIFER





All results are in µg/L.

NDEP Provisional AL = 18 µg/L.

USEPA Drinking Water Equivalent Level (DWEL) = 24.5 µg/L.

Note: Data validation qualifiers are defined in Table 3-2.

NA = Not analyzed.

NS = Not sampled.

< = Non-detect at or above the reported concentration.

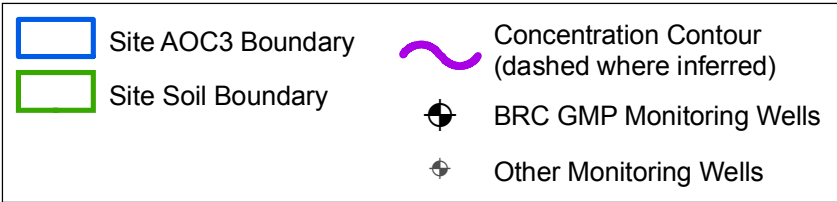
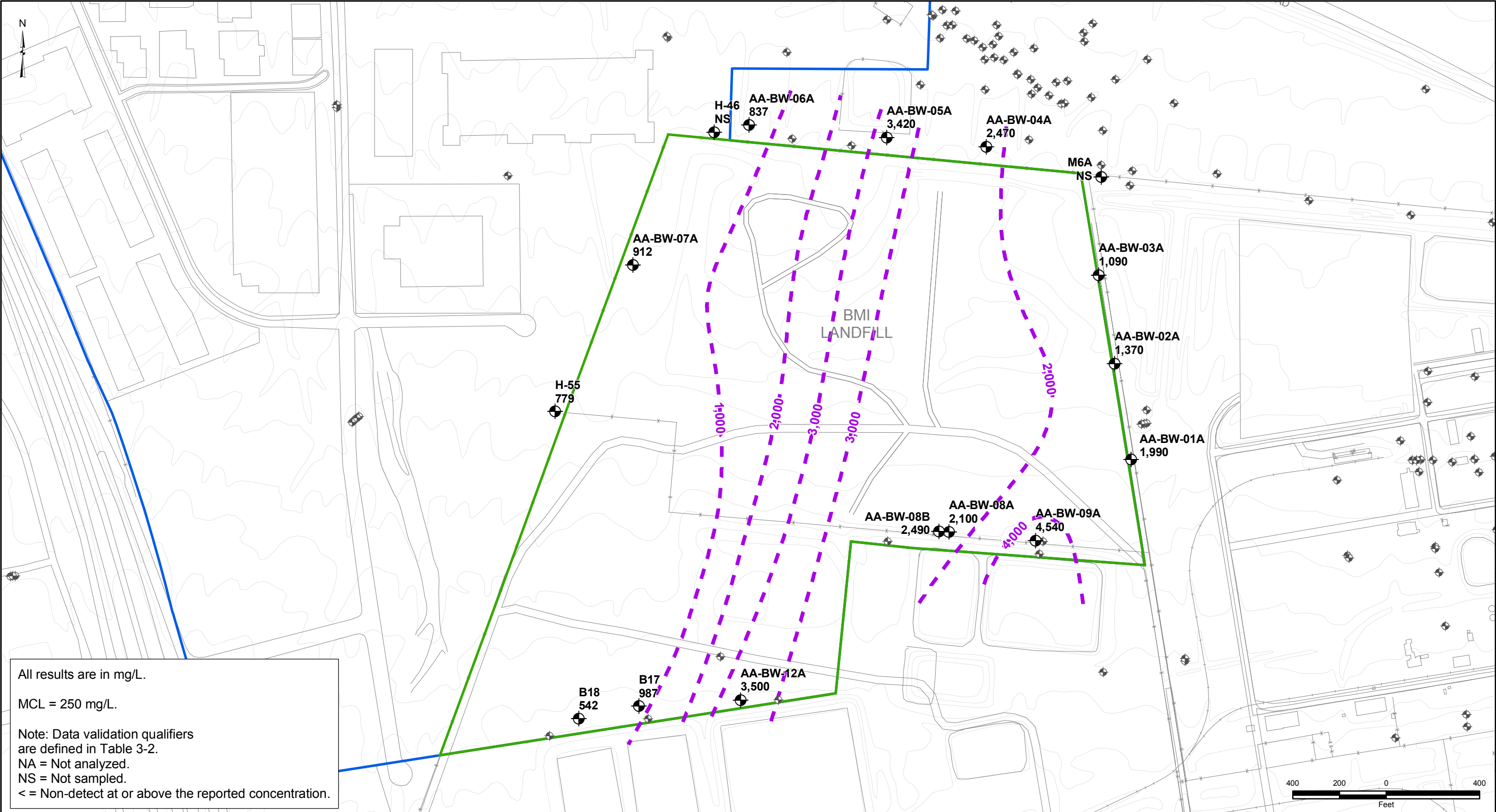
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FIGURE D-18

PERCHLORATE
IN ALLUVIAL AQUIFER





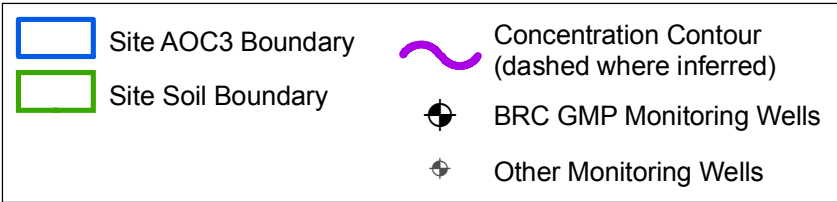
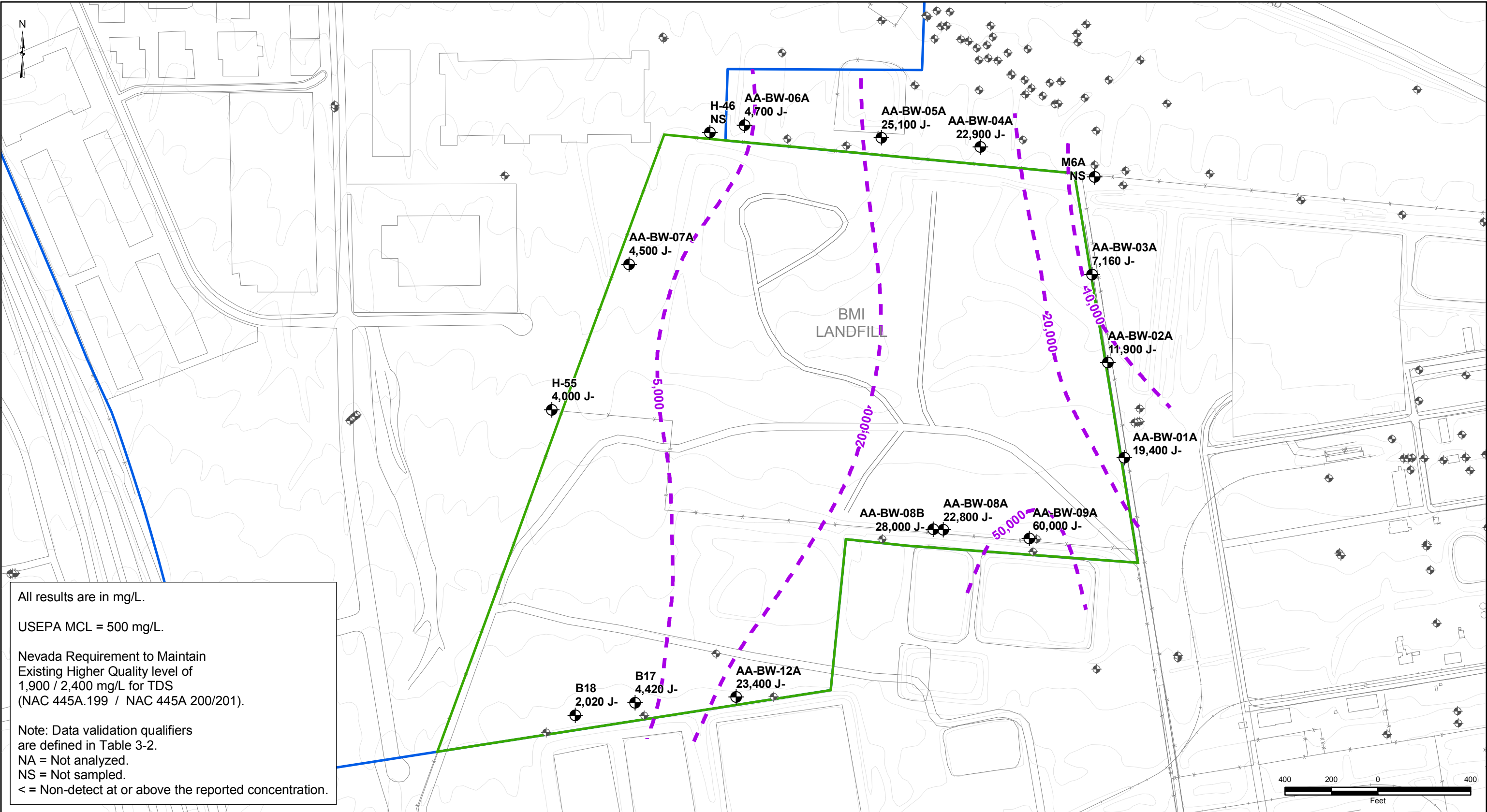
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FIGURE D-19

SULFATE
IN ALLUVIAL AQUIFER





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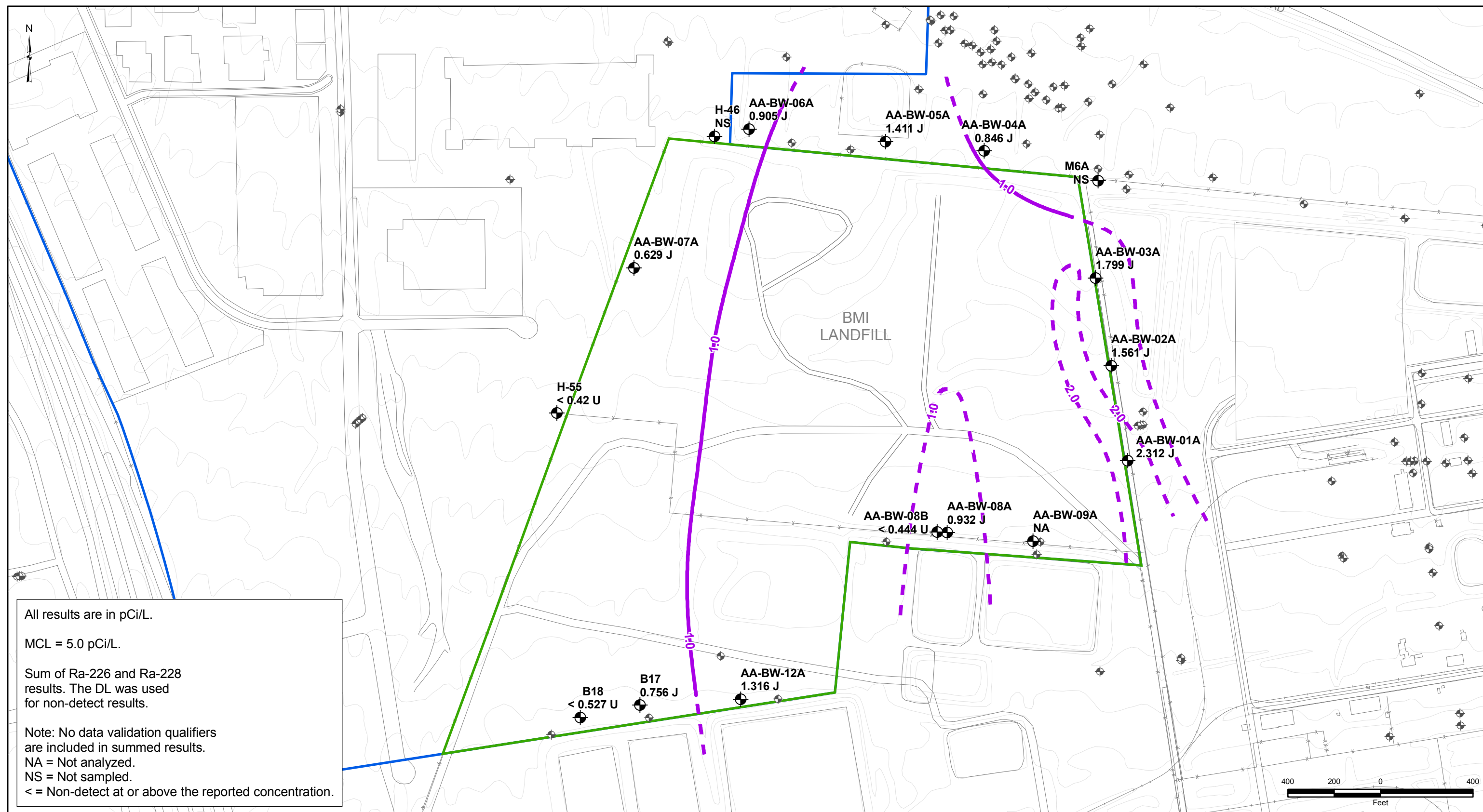
FIGURE D-20

TOTAL DISSOLVED SOLIDS
IN ALLUVIAL AQUIFER



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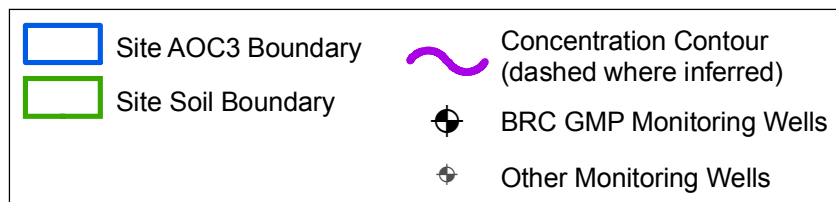
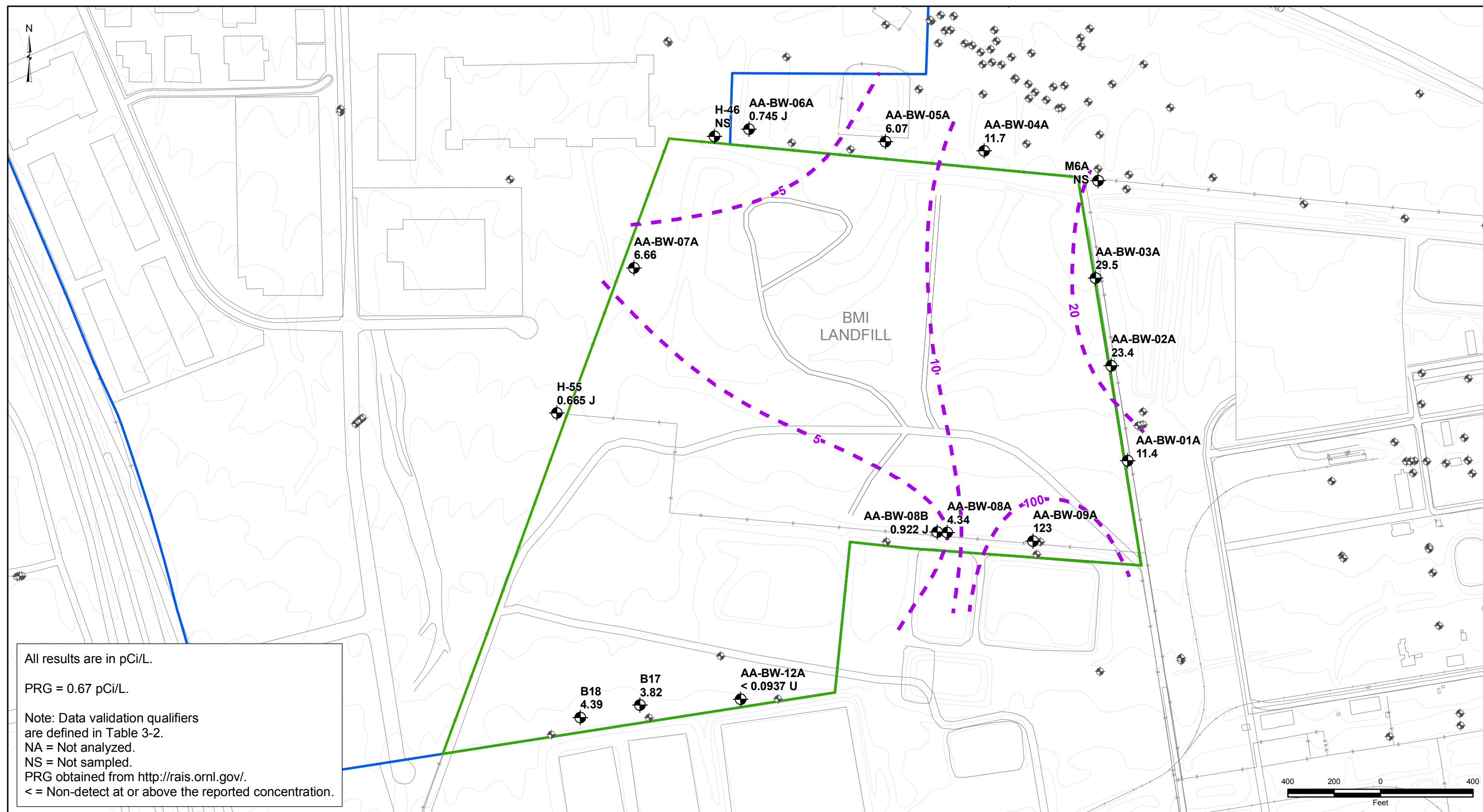
FIGURE D-21

RADIUM-226/228
IN ALLUVIAL AQUIFER



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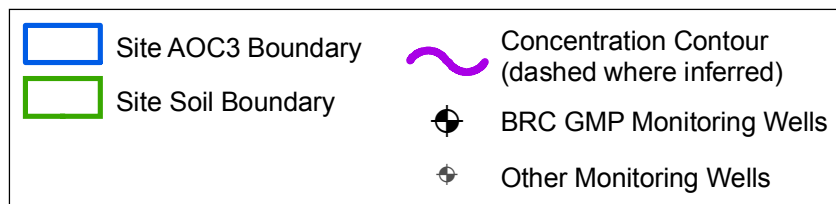
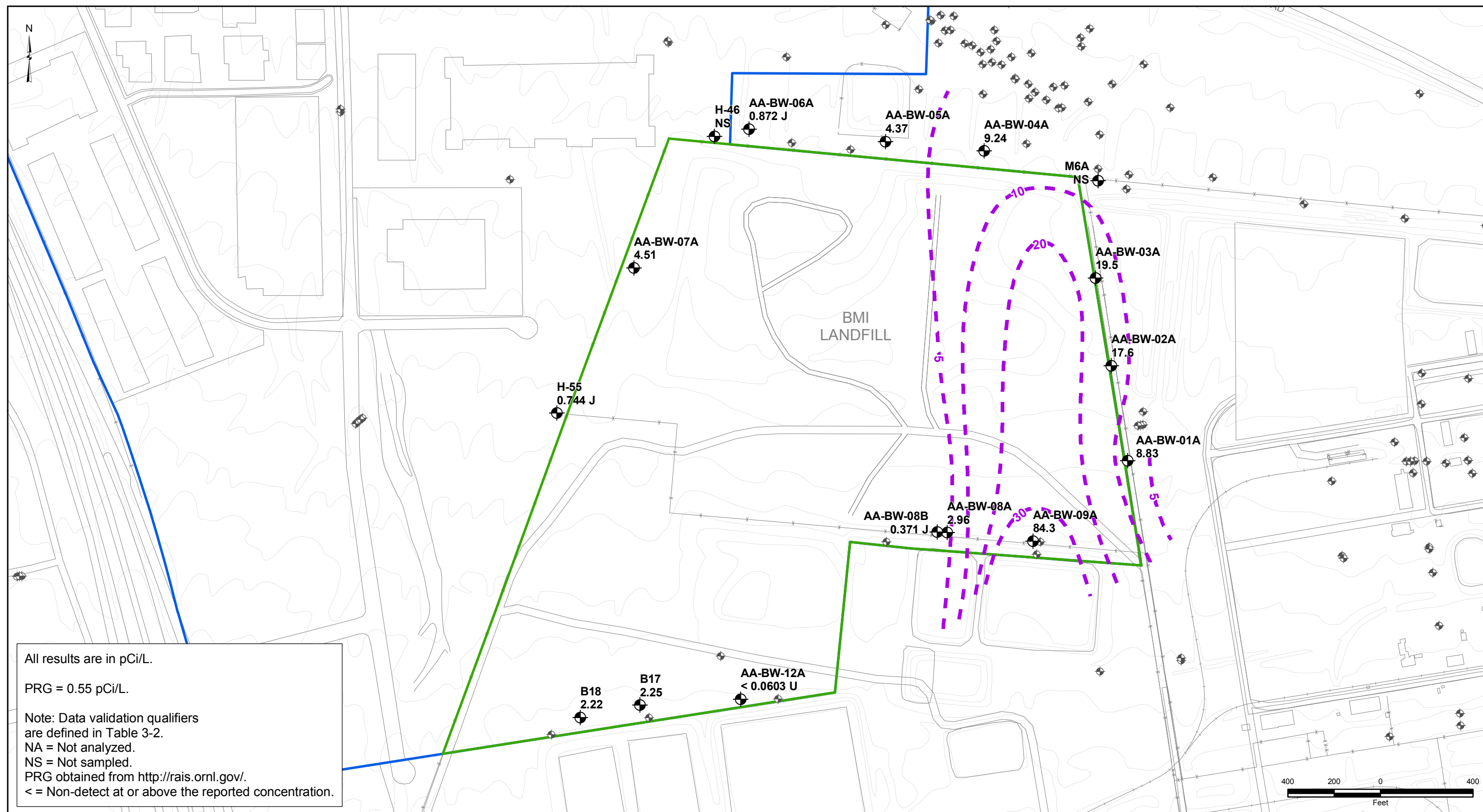
FIGURE D-22

URANIUM-233/234
IN ALLUVIAL AQUIFER



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Date: 07/10/08

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FIGURE D-23

URANIUM-238
IN ALLUVIAL AQUIFER

