

FINAL

Supplemental Environmental
Investigation Report
Downtown Environmental Assessment
Project, Montgomery, Alabama

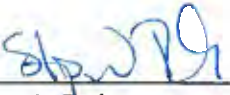
Prepared for
Alabama Department of Environmental
Management by the
Downtown Environmental Alliance

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PG and PE Certification

This Supplemental Environmental Investigation Report was prepared under the supervision of a Professional Geologist licensed by the Alabama Board of Licensure for Professional Geologists. It has also been prepared under the supervision of a Professional Engineer licensed by the Alabama Board of Licensure for Professional Engineers and Land Surveyors.


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Acronyms and Abbreviations

µg/L	micrograms per liter
AA/RA	alternatives analysis/risk assessment
ADEM	Alabama Department of Environmental Management
AG	Attorney General
AMS	AMS retract-a-tip
Annex	County Annex III
bgs	below ground surface
CH2M	CH2M HILL Engineers, Inc.
City	City of Montgomery
cm/s	centimeters per second
COPC	chemical of potential concern
CSM	conceptual site model
DEA	Downtown Environmental Alliance
DEAP	Downtown Environmental Assessment Project
EI	Environmental Investigation
ELCR	excess lifetime cancer risk
EPA	U.S. Environmental Protection Agency
ESC	Environmental Science Corporation
FD	field duplicate
GPS	global positioning system
HQ	hazard quotient
IDW	investigation derived waste
MCL	maximum contaminant level
MS	matrix spike
MSD	matrix spike duplicate
NPDES	National Pollutant Discharge Elimination System
PCE	tetrachloroethene
PPE	personal protective equipment
PRT	post-run-tubing
PVC	polyvinyl chloride
QA/QC	quality assurance/quality control
RSA	Retirement Systems of Alabama
RSL	Regional Screening Level
site	Montgomery DEAP site

TCE	trichloroethene
USACE	U.S. Army Corps of Engineers
USGS	U.S. Geological Survey
VC	vinyl chloride
VIMS	vapor intrusion monitoring system
VISL	vapor intrusion screening level
VOC	volatile organic compound
WQS	water quality standard

Executive Summary

This Supplemental Environmental Investigation (EI) report was prepared for the Alabama Department of Environmental Management (ADEM) by the Montgomery Downtown Environmental Alliance (DEA) to present the results of the EI activities completed at the Montgomery Downtown Environmental Alliance Project (DEAP) site (hereinafter known as the site). The site was identified initially by the detection of tetrachloroethene (PCE) at concentrations below the maximum contaminant level (MCL) in former public water supply well PW-9W in 1991, and in 1993, when PCE was identified in an excavation during the construction of the Retirement Systems of Alabama (RSA) Tower Energy Plant (hereinafter referred to as the RSA Energy Plant) located in downtown Montgomery, Alabama. The site includes these areas as well as groundwater surrounding and downgradient from the RSA Energy Plant (Figure ES-1). In addition to PCE, potential PCE degradation products such as trichloroethene (TCE), cis-1,2-dichloroethene (DCE), trans-1,2-DCE, and vinyl chloride were evaluated as part of the EI.

Site Characteristics

The DEAP site is composed of a mixture of predominantly commercial and industrial facilities, although there are residential-use buildings located within or near the site, they are outside of the areas impacted by PCE. All public water supply wells at the site were closed in 1991, following initial detection of PCE, and no private drinking water supply wells have been identified within the site boundaries. There is one commercial supply well located within the site boundary, which is used for commercial bus washing.

Surface water bodies in the site vicinity include the Alabama River and Cypress Creek, the latter of which comprises approximately a one-third mile portion of the northwestern site boundary and drains into the Alabama River. Surface water flow in Cypress Creek at the site boundary is partially restricted between two culverts (Figure ES-1).

Historical investigation results indicate that little to no residual mass remains in soil following the 1993 emergency removal action at the RSA Energy Plant. Based on historical findings and the results of the EI, the presence of PCE in groundwater is attributed to multiple historical releases from various sources within the downtown Montgomery study area. However, the historical soil and groundwater investigations concluded that there are no continuing sources of PCE to groundwater.

Summary of Objectives and Activities

The objective of the EI is to collect data in support of refining the conceptual site model (CSM), including the following:

- Assess the nature and extent of PCE in groundwater.
- Evaluate the potential for groundwater to impact surface water.
- Evaluate the vapor intrusion potential at the County Annex III (Annex) and Attorney General (AG) Buildings.
- Identify concentrations of soil vapor at locations where shallow groundwater concentrations exceeded U.S. Environmental Protection Agency (EPA) vapor intrusion screening levels (VISLs; EPA, 2016a).
- Provide sufficient data to evaluate potential exposure risk (to be presented in a separate deliverable).

The work conducted in support of this EI was completed between July 2016 and February 2017, and consisted of the following:

- Installation of temporary piezometer TMPZ-1 adjacent to Cypress Creek
- Groundwater sampling of TMPZ-1 and monitoring wells across the site
- A hydraulic study conducted in two separate month-long phases to evaluate the interaction between groundwater in TMPZ-1 and surface water in Cypress Creek and the Alabama River
- Soil vapor sampling adjacent to four wells where PCE concentrations were identified above the groundwater VISL during the July 2016 sampling, at an existing vapor intrusion monitoring system (VIMS), and adjacent to the AG and Annex Buildings
- Sampling of water from a commercial well located within the site boundary that pumps groundwater for bus washing

Conceptual Site Model

The results of the EI were used to refine the CSM presented on Figure ES-2, which is described below.

Two commingled PCE plumes were identified at the site. The source material contributing to the development of the PCE groundwater plume originating at the RSA Energy Plant was removed during an emergency action, and residual PCE in groundwater then migrated, toward Cypress Creek. North of the RSA Energy Plant, there is a second PCE plume, which originated from one or more separate sources in the vicinity of MW-12S.

Because the downgradient edge of the plumes is located adjacent to the downstream end of Cypress Creek at the Alabama River, a hydraulic study was conducted. The results of the study indicate PCE in the groundwater is impeded from further downgradient migration into Cypress Creek and the Alabama River. Cypress Creek is connected to the Alabama River through a culvert. Based on the elevation of the culvert and the close correlation in water levels between the creek and the river identified during the hydraulic study, backwater from the Alabama River is ponded in Cypress Creek. The nearby Alabama River acts as a hydraulic barrier between the leading edge of the PCE plume and Cypress Creek and limits the migration of the plume into the creek. The barrier effect caused by the Alabama River also may be a contributing factor to the higher PCE concentrations observed at downgradient well TMPZ-1 relative to other wells. Additionally, PCE in groundwater in this area commingles with the groundwater moving inland from the Alabama River, reducing concentrations prior to any potential discharge to surface water.

Although, geotechnical sampling results indicate similar physical soil properties across the site, variability in the PCE and TCE soil vapor concentrations relative to groundwater concentrations were noted. Concentrations of PCE detected in soil vapor were identified where elevated concentrations of PCE are in groundwater; therefore, the presence of PCE in soil vapor is attributed to volatilization of the plumes. Concentrations of TCE detected in soil vapor (such as MW-08S) are not associated with elevated groundwater concentrations (maximum concentration of 1.01 µg/L) and therefore, are likely related to separate releases to the vadose zone. The source of TCE in soil vapor may be related to historical releases from industrial areas that were not of sufficient quantity to migrate to the water table. At the VIMS, the following are noted for TCE concentrations in soil vapor: 1) they are upgradient of the PCE groundwater plume; 2) they are not co-located with TCE in groundwater; and 3) they were not detected at the Annex Building (less than 100 feet from the VIMS). Therefore, these TCE soil vapor concentrations are considered a separate, isolated occurrence originating from a separate source unrelated to the RSA Energy Plant.

Summary of Results

PCE and TCE were the only chemicals in groundwater that exceeded the lower of the maximum contaminant levels (MCLs) and EPA Regional Screening Levels (RSLs). Although TCE may be formed as PCE degrades, reported TCE concentrations were low (maximum 1.01 µg/L) and similar to the RSL of 0.49 µg/L but below the MCL. Therefore, the extents of the plumes are delineated based on PCE concentrations above the MCL of 5 µg/L, as shown on Figure ES-3.

The PCE plumes (originating from the RSA Energy Plant area and unknown sources from the industrialized area around MW-12S) extend northwest toward Cypress Creek (Figure ES-3), where the plumes commingle. The vertical extent of PCE in groundwater is limited to the shallow portion of the aquifer, as shown by low concentrations (below the MCL) and lack of detections in intermediate wells. The lateral extent of PCE in groundwater is delineated to Cypress Creek, where the influence of the Alabama River acts as a hydraulic barrier to impede further lateral migration and dilutes the leading edge of the commingled PCE plumes.

Preliminary Screening Evaluation

An initial screening of shallow groundwater analytical results indicates that PCE is present at concentrations above the MCL, as defined by the plume shown on Figure ES-3; however, groundwater in the downtown area is not used for drinking water. The soil vapor screening results indicate that two locations (MW-02S and MW-08S) exceed vapor intrusion screening levels (VISLs) for a residential scenario; however, no residential-use buildings are located near these locations (Figure ES-3). Samples collected from the VIMS exceeded the VISLs for a commercial scenario but samples collected adjacent to the Annex Building (less than 100 feet from the VIMS) did not exceed VISLs for a commercial scenario. Samples collected adjacent to the AG Building also did not exceed VISLs for a commercial scenario.

The shallow groundwater and shallow soil vapor results that exceed screening levels will be evaluated further as part of the alternatives analysis. In addition, the shallow soil vapor samples exceeding VISLs will be evaluated in the future risk assessment. The alternatives analysis and risk assessment will be presented together in the Risk Assessment/Alternatives Analysis Report, which will be prepared once the EI Report is finalized.

Introduction and Purpose

This Supplemental Environmental Investigation (EI) Report is being submitted to the Alabama Department of Environmental Management (ADEM) by the Downtown Environmental Alliance (DEA) to document the results of the investigations conducted in accordance with the *Final Technical Work Plan – Downtown Environmental Assessment Project, Montgomery, Alabama* (CH2M HILL Engineers, Inc. [CH2M], 2016a) (hereinafter referred to as the Work Plan). The Work Plan was developed to meet the objective of further evaluating tetrachloroethene (PCE) in groundwater identified in former public water supply well PW-9W in 1991 and in 1993 during the construction of the Retirement Systems of Alabama (RSA) Tower Energy Plant (hereinafter referred to as the RSA Energy Plant). Figure 1-1 presents the site boundary.

This EI Report provides a summary of investigations completed at the Montgomery Downtown Environmental Alliance Project (DEAP), including groundwater, geotechnical, and soil vapor sampling, and a two-phase hydraulic study at Cypress Creek. The results of these investigations are evaluated to:

- Assess the current concentrations and trends of PCE in groundwater.
- Identify concentrations of PCE (and potential degradation products) in soil vapor within the site boundary where groundwater exceeds U.S. Environmental Protection Agency (EPA) residential vapor intrusion screening levels (VISLs; EPA, 2016a).
- Evaluate the potential for vapor intrusion in the vicinity of the current Alabama Attorney General (AG) Building and County Annex III (Annex) Building.
- Evaluate the potential for groundwater to impact surface water in Cypress Creek.

These data will be incorporated into a risk assessment for the DEAP and used to evaluate remedial alternatives. The risk and remedial alternative assessments will be provided in the Alternatives Analysis/Risk Assessment (AA/RA) Report to be submitted following approval of the Final EI.

Site Description

The Montgomery DEAP site covers approximately 30 city blocks in downtown Montgomery, in Montgomery County, Alabama (Figure 1-1). The site boundary is defined based on the results of historical investigations by ADEM and EPA, and by the extent of PCE from the RSA Energy Plant area, other potential PCE sources from historical industrial activities and dry cleaning operations, and former public water supply well PW-9W. This EI evaluates PCE identified at these locations and the downgradient plume extent; the EI does not evaluate other urban contaminants from other sources in Montgomery.

Although not within the site boundary, additional investigation was historically conducted near two buildings based on previous odor/indoor air quality complaints during EPA's initial site work. The objective of the additional investigation by the DEA was to evaluate whether there was a potential for vapor intrusion. Those two buildings were:

- Annex Building
- AG Building

Based on the locations where PCE was discovered and data from multiple historical investigations in the area, the DEAP boundary is defined as shown on Figure 1-1.

2.1 Site-Related Chemicals

Although other chemicals that are commonly found in industrial or commercial areas were identified during the historical investigations, chemicals of potential concern (COPCs) investigated as part of the EI are limited to PCE, identified at the RSA Energy Plant and former public water supply well PW-9W, and associated degradation products: trichloroethene (TCE), cis-1,2-dichloroethene (DCE), trans-1,2-DCE, and vinyl chloride (VC).

2.2 Land and Water Use

The site is composed of a mixture of mainly commercial and industrial facilities. However, five residential properties, a daycare, and a school are located outside of the plume extent and along the boundaries of the site. With the exception of one well used for commercial bus washing, no groundwater extraction wells are present at the site. The North Well Field, which historically drew groundwater within the site boundary for public use, was closed in 1991 following initial detection of the PCE. The North Well Field was replaced with a new well field in southern Montgomery County. Most wells in the North Well Field were permanently abandoned (casing pulled and well grouted) in 2011; PW-9W was retained for environmental testing purposes only.

2.3 Geology/Hydrogeology

The geology beneath the DEAP consists of a thin soil layer on top of quaternary terrace deposits comprised of medium to coarse-grained sand, with interbedded clay and gravel lenses. Underlying these recent terrace deposits are Cretaceous sediments of the Eutaw, Gordo, and Coker formations. The Eutaw formation is an aquifer unit characterized by two thick layers of marine sands separated by a thin layer of marine clay (U.S. Geological Survey [USGS], 1987). The terrace deposits and Eutaw formation are combined to comprise the shallow aquifer. The Gordo and Coker aquifers consist of an estimated 500 feet of interbedded clay, sand, and gravel above crystalline bedrock.

The shallow aquifer is unconfined and 120 to 150 feet thick underneath the DEAP, but a localized low permeability zone may exist from approximately 35 to 50 feet below ground surface (bgs) (ADEM, 1995). Beneath the shallow aquifer, a low-permeability sandy clay unit effectively separates it from the underlying Gordo and Coker formations.

Water levels measured at the site in July 2016 range from approximately 25 to 57 feet bgs and groundwater generally flows west-northwest (toward Cypress Creek and the Alabama River). Based upon slug tests, hydraulic conductivity in the shallow aquifer has been estimated between 8.14×10^{-4} centimeters per second (cm/s) and 4.38×10^{-3} cm/s, with a geometric mean of 3.60×10^{-3} cm/s (Black & Veatch, 2002). The groundwater pore velocity in the shallow aquifer was calculated at 8.63×10^{-5} cm/s, based on the following equation:

$$v = Ki/n$$

Where:

K = geometric mean of the hydraulic conductivity slug test results (0.0036 cm/s)

n = geometric mean of the porosity values obtained from the Shelby tube samples in September 2016 (0.42)

i = hydraulic gradient between MW-10S and TMPZ-1 (calculated as 0.008 based on July 2016 groundwater elevation data)

2.4 Surface Water Features

The northwestern portion of the site is located within the 100-year flood plain of the Alabama River (Office of Water Resources, 2017). Surface water features near the site include the Alabama River and Cypress Creek; the creek comprises approximately a one-third mile portion of the northwestern site boundary and drains directly into the Alabama River (Figure 1-1). Surface water contributions to Cypress Creek include overland flow during rainfall events as well as contributions from multiple industries located along upstream portions of the creek. In addition, treated groundwater discharges into Cypress Creek upstream of the site from the Coliseum Boulevard plume treatment system operated by the Alabama Department of Transportation under National Pollutant Discharge Elimination System (NPDES) permit AL0081167.

Surface water flow in Cypress Creek along the site boundary is partially restricted between two culverts (shown on Figure 1-1) that are at a higher elevation than the creek bed. The downstream culvert between the creek and the Alabama River restricts outflow, creating a ponded area immediately upstream.

Environmental Investigation Activities

Groundwater, soil vapor, and geotechnical sampling were conducted between July and September 2016. A temporary piezometer (TMPZ-1) was installed near Cypress Creek to evaluate the interaction between groundwater and surface water along the segment where the PCE in groundwater was noted. This hydraulic study was conducted during a dry-weather season from July to August 2016 and wet-weather season in February 2017. In addition, a groundwater sample was collected from a commercial bus-washing facility located within the site boundary on February 20, 2017. Figure 3-1 shows the locations of these investigation activities.

3.1 Temporary Piezometer Installation

Temporary piezometer TMPZ-1 was installed adjacent to Cypress Creek near the northwestern site boundary (Figure 1-1) from July 18 to 20, 2016. TMPZ-1 was installed using a track-mounted sonic rig to a total depth of 48 feet bgs. Continuous soil core samples were collected from ground surface to the total depth and the lithology was logged by the CH2M field geologist. The soil boring log is included in Appendix A.

TMPZ-1 was constructed as a Type II monitoring well, in accordance with the Alabama Environmental Investigation and Remediation Guidelines (ADEM, 2008). The well completion diagram for TMPZ-1 is included in Appendix A. Table 3-1 includes a summary of well completion details for TMPZ-1, in addition to available completion details for other site monitoring wells.

Per the Technical Work Plan (CH2M, 2016b), TMPZ-1 was to be installed as a water table piezometer (i.e., average water level within the screened interval) to support the Cypress Creek hydraulic study. However, during the drilling activities for TMPZ-1, intervals of silt and clay interlayered with sandy layers were noted from near surface to 29 feet bgs. TMPZ-1 was installed to 47 feet bgs to target a screened interval (37.5 to 47 feet bgs) below the observed clay layers and within the producing aquifer. Stabilized groundwater levels measured following completion of TMPZ-1 were above the screened interval, but based on the results of the hydraulic study discussed in Section 4.3, groundwater at TMPZ-1 is in direct communication with surface water in Cypress Creek. Therefore, TMPZ-1 serves its intended purpose to provide data to evaluate the interaction between groundwater and the reach of Cypress Creek adjacent to the DEAP site.

3.2 Groundwater Sampling

On July 11, 2016, eight shallow and six intermediate monitoring wells were gauged using an electronic water level meter to an accuracy of 0.01 foot. It should be noted that MW-07S was classified previously as a shallow well because of its "S" designation; however, a review of the well installation log indicated that the well is screened from 85.0 to 94.7 feet bgs and therefore, MW-07S is reclassified as an intermediate well but retains the identification MW-07S. From July 11 through July 22, 2016, eight shallow and six intermediate (including MW-07S) monitoring wells were sampled for COPCs, as summarized in Table 3-2.

Groundwater sampling was conducted using portable bladder pumps and the low-flow purge method. Specific conductance, pH, and turbidity measurements were allowed to stabilize for three consecutive readings while a steady water level was maintained prior to collecting the sample. Sample logs are included in Appendix B.

3.3 Soil Vapor and Geotechnical Investigation

Soil vapor probes were installed using both the GeoProbe post-run-tubing (PRT) and AMS retract-a-tip (AMS) methods, where appropriate, in accordance with Standard Operating Procedure for Installation of Temporary Soil Vapor Probes included in Appendix A of the Work Plan (CH2M, 2016a).

3.3.1 Soil Vapor Sampling

Soil vapor sample locations are shown on Figure 3-1 and summarized in Table 3-2. Three proposed samples were not collected as documented to ADEM in the October 4, 2016 *Request for Elimination of Soil Vapor Sampling Locations from Montgomery Downtown Environmental Assessment Project's Technical Work Plan* (CH2M, 2016b). Per ADEM's approval during a site visit on September 19, 2016, soil vapor samples were not collected from one proposed location at the AG Building and two proposed locations at the Annex Building. Temporary soil vapor probes could not be installed west of the AG building or southwest of the Annex Building because of the density of underground utilities at each location. In addition, one probe could not be installed on the east side of the Annex Building because of the lack of safe access to external, ground-level sample locations.

Temporary soil vapor probes were installed using the AMS method on the north and east side of the AG Building and on the north and west side of the Annex Building (Figure 3-1). Probes were installed to a depth of 12 and 15 feet bgs adjacent to the AG Building to collect samples below the approximate depth of the sub-basement slab. Probes were installed to 12 feet bgs adjacent to the Annex Building to collect samples below the basement slab.

At MW-08S, MW-12S, and TMPZ-1, two temporary soil vapor probes were installed near each well using the PRT method. One shallow probe was installed to 8 feet bgs and the second, deep probe was installed to a depth approximately 3 to 5 feet above the water table (based on depth to water in the nearby well and available soil boring logs). At MW-02S, the shallow probe was installed using the AMS method after several attempts to install the probe using the PRT method failed to create a vapor tight seal. The deep probe at MW-02S was installed to 35 feet bgs using the PRT method.

Samples were shipped overnight to Environmental Science Corporation (ESC) in Mount Juliet, Tennessee for analysis of COPCs using EPA Method TO-15.

3.3.2 Geotechnical Sampling

Geotechnical samples were collected using Shelby tubes from boreholes adjacent to wells MW-02S, MW-08S, MW-12S, and TMPZ-1 (Table 3-2, Figure 3-1). Sample depths for the Shelby tubes were selected to target the various lithologies throughout the site as observed in monitoring well boring logs (Appendix A). Samples were shipped overnight to ESC and analyzed for bulk density, total porosity, saturated porosity, and fraction organic carbon.

3.4 Cypress Creek Hydraulic Study

A two-phase hydraulic study was conducted to evaluate groundwater/surface water interaction along the segment of Cypress Creek adjacent to the site. The first phase occurred during a dry-weather month and the second phase occurred during a wet-weather month to assess changes due to seasonal fluctuations. Phase I of the Cypress Creek hydraulic study was conducted from July 25 to August 26, 2016. Pressure transducers capable of recording the height of the water column above the transducer were installed in Cypress Creek and TMPZ-1. In addition, Alabama River levels recorded during the study period were downloaded from the USGS website from a staff gauge located approximately 0.69 mile upstream of the study area (Figure 3-1).

The Cypress Creek transducer was connected to a remote data transmitting device and installed inside a 4-inch polyvinyl chloride (PVC) pipe with a 5-foot screened interval at the bottom. The pipe was bolted to a signpost installed in Cypress Creek (Figure 3-2), such that the transducer tip hung 5.5 inches above the creek bed. The transducer in TMPZ-1 was installed inside the well with the tip at 1 foot above the bottom of the well. Both transducers were set to record the height of the water column every 15 minutes; however, on July 27, the creek transducer was set to record every 30 minutes to conserve battery.

The second phase of the Cypress Creek hydraulic study was proposed to be completed in December 2016. However, because of extreme drought in the Montgomery area, the second phase was postponed until February 2017 when sufficient rainfall had occurred. Based on the results of the July through August 2016 hydraulic study, which indicated no significant difference between Cypress Creek water elevations at the stream gauge location and Alabama River water elevations at the location of gauge USGS02419988 (approximately 0.69 mile upstream of the Cypress Creek gauge), the February 2017 hydraulic study compared the TMPZ-1 groundwater elevations with the Alabama River surface water elevations at gauge station USGS02419988. This change in study procedure was documented to ADEM in the September 6, 2016 Request for Modification (Martin, 2016, pers. comm.), and was subsequently approved.

3.5 Bus Wash Sprayer Sampling

A well was identified within the site boundary that pumps groundwater for commercial bus washing. To evaluate whether COPCs are present in groundwater from this well, facility personnel collected a water sample on February 20, 2017 from the location where pumped water is sprayed in the bus wash area.

3.6 Surveying

On July 26, 2016, Larry E. Speaks and Associates, Inc. performed a survey of the creek transducer elevation, and both horizontal coordinates and elevations of the ground surface and top of well casing at TMPZ-1. On October 5, 2016, Larry E. Speaks and Associates, Inc. performed a survey to establish horizontal coordinates and ground surface elevations of the soil vapor and geotechnical sampling locations. Surveying was conducted using global positioning system (GPS) equipment. The surveys are included in Appendix C.

3.7 Data Quality Evaluation Summary

Environmental data are subjected to a rigorous evaluation to assess whether the reported concentrations of possible chemicals are accurately representing the environmental conditions. A full assessment of the quality assurance/quality control (QA/QC) process to which the data were subjected is included in Appendix D, immediately following the laboratory reports. This section is a summary of the QA/QC review.

The analytical data presented for the 2016 groundwater, soil vapor, and soil sampling events and the 2017 bus wash sprayer sampling event were found to be usable and to accurately represent the environmental conditions at the site on the dates of sample collection. The samples were collected and transported to the laboratory in a timely manner and the samples arrived at the laboratory in good condition. The laboratory followed the EPA-approved methods for the analyses of the samples and most of the field and laboratory QA/QC samples were within criteria for the parameters analyzed.

Field, equipment, trip, and laboratory method blanks were used to monitor potential contamination introduced during field sampling, sample handling, and shipping activities, as well as sample preparation and analysis in the laboratory. Blanks analyzed for the 2016 and 2017 sampling events were reported as not detected for all target compounds.

Surrogate spike recoveries were used to monitor both laboratory performance and matrix interferences during volatile organic compound (VOC) analysis. Surrogate recoveries were reported within criteria for the VOC samples analyzed.

Matrix spike and matrix spike duplicate (MS/MSD) samples were prepared and analyzed to evaluate the effect of the sample matrix on the accuracy and precision of each analysis. Samples collected from groundwater monitoring well MW-09S were submitted to the laboratory for MS/MSD analysis during the July 2016 sampling event. Precision and accuracy criteria were met for all target compounds for the MS/MSD, along with the laboratory control sample/laboratory control sample duplicate.

Field duplicate (FD) samples were collected and analyzed to evaluate the precision of field sampling and the variability of the sample data. Groundwater monitoring wells MW-03S and MW-5I were selected for FD analysis during the July 2016 sampling event, soil vapor locations AMS-04-0916 and SV-MW12-22 were selected for FD analysis during the September 2016 sampling event, and a FD sample was collected during the February 2017 bus wash sprayer sampling event. The native sample and FD sample results were compared and relative percent difference precision criteria were met with the exception of two VOCs. PCE and TCE results for SV-MW12-22 and SV-FD were "J" qualified to indicate the reported values are considered estimated concentrations because of the duplicate precision exceedances.

The data review of the field and laboratory QC samples concluded that the data set is usable as qualified and accurately represents the concentrations of the reported analytes.

3.8 Investigation Derived Waste Management

Investigation-derived waste (IDW) generated during the EI included purged groundwater, decontamination fluids, soil cuttings, personal protective equipment (PPE), and disposable sampling equipment. IDW was stored in labeled 55-gallon drums. Five soil drums and three groundwater/decontamination fluid drums were used. Representative samples were collected from each drum for waste characterization. Soil IDW samples were submitted for toxicity characteristic leaching procedure VOC, Resource Conservation and Recovery Act metals, pH, and ignitability. Groundwater/decontamination fluid IDW samples were submitted for VOC analysis.

Analytical results (Appendix D) indicated that the IDW was not characterized as a hazardous waste. Therefore, soil cuttings, used PPE, and disposable sampling equipment were disposed at the North Montgomery Landfill, as approved by ADEM in letters dated September 20, 2016 and November 2, 2016. Groundwater and decontamination fluid IDW was discharged at the Econchate Wastewater Treatment Plant as authorized by the Montgomery Water Works and Sanitary Sewer Board.

Investigation Results

The results of the 2016 and 2017 field investigation, including groundwater and soil vapor sampling, and the two-phase hydraulic study, are discussed in this section.

4.1 Groundwater Investigation

The results of the July 2016 gauging and sampling events are summarized in Tables 4-1 and 4-2, respectively. Results of the February 2017 commercial bus wash water sample analysis are presented in Table 4-2. The July 2016 field parameter data and potentiometric surface map for the shallow groundwater-bearing unit are presented on Table 4-3 and Figure 4-1, respectively.

4.1.1 Nature and Extent

To evaluate the results of the investigation, analytical data are compared to the lower of the EPA maximum contaminant levels (MCLs) and Regional Screening Levels (RSLs) for tap water (EPA, 2016b) in Table 4-2. Results indicate that PCE and TCE are present in groundwater above the respective criteria. However, TCE concentrations are generally low (1.01 micrograms per liter [$\mu\text{g}/\text{L}$] or less), slightly above the RSL of 0.49 $\mu\text{g}/\text{L}$ and less than the MCL. Trans-1,2-DCE and VC were not detected, and cis-1,2-DCE was detected in only two samples but below its RSL and MCL. Because of the low concentrations of TCE, the potential for TCE to be formed as PCE degrades, and the identification of PCE at the RSA Energy Plant and former supply well PW-9W, groundwater impacts at the site are delineated based on PCE above the MCL of 5 $\mu\text{g}/\text{L}$, as shown on Figure 4-2.

The following observations can be made about the horizontal and vertical extent of PCE in groundwater:

- PCE has been laterally and vertically delineated.
- Concentrations exceeded the MCL in five shallow wells (MW-02S, MW-03S, MW-08S, MW-12S, and TMPZ-1).
- PCE in groundwater is composed of two distinct plumes with multiple sources:
 - From the historical RSA Energy Plant, a plume extends to the downstream end of Cypress Creek, adjacent to the Alabama River.
 - From the industrialized area around MW-12S, the second plume also extends toward Cypress Creek, where the two plumes comeingle.
- PCE concentrations generally increase in the downgradient areas of the plumes (Figure 4-2), with the highest concentration reported at the farthest downgradient well, TMPZ-1.
- The vertical extent of PCE in groundwater is limited to the upper portion of the shallow aquifer, as confirmed by concentrations below the MCL or the lack of detection in intermediate monitoring wells.

As a conservative approach, to screen groundwater data for vapor intrusion potential, groundwater concentrations also were compared to residential VISLs (Table 4-2), based on a target excess lifetime cancer risk (ELCR) of 1×10^{-6} and a target hazard quotient (HQ) of 1. The data were used to select locations for the soil vapor sampling summarized in Section 4.2. PCE was identified at concentrations above the residential VISL in 4 of the 14 monitoring wells sampled. TCE concentrations in groundwater did not exceed the associated residential VISL.

4.1.2 Natural Attenuation

Multiple mechanisms can act to attenuate chemical concentrations in groundwater, such as degradation, dispersion, dilution, sorption, volatilization, and chemical or biological stabilization, transformation, or destruction. To evaluate whether PCE is attenuating at the site, statistical analysis of concentration trends at wells where sufficient data are available was performed. Time-series trend charts for wells sampled in July 2016 are presented in Appendix E. To statistically evaluate whether the PCE in groundwater is attenuating, the non-parametric Mann-Kendall analysis was performed on PCE concentrations for the six monitoring wells where the following criteria were met:

1. At least four data points exist.
2. PCE concentrations have exceeded the MCL at least once (MW-01S, MW-02S, MW-03S, MW-08S, MW-12S, and MW-05I).

Information regarding the underlying principles of the nonparametric Mann-Kendall analysis can be found in *Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities Unified Guidance* (EPA, 2009a).

The results of the Mann-Kendall trend analyses, presented in Appendix F, indicate that concentration trends in three wells located in the upgradient portions of the plumes are stable; two wells (MW-02S and MW-03S) from the upgradient portion of the plume related to the RSA Energy Plant and the third well (MW-12S) is located in the upgradient portion of the plume related to the historically industrial source area. No trend was identified in two wells (MW-01S and MW-08S); however, concentrations at MW-01S have been below the MCL for three consecutive sampling events since 2010 (historical results at this well were as high as 600 µg/L). MW-08S is located both within a historically industrial area where releases likely occurred (as indicated at MW-12S) and downgradient of the plume from the RSA Energy Plant. Although the MW-05I trend indicated that concentrations are probably increasing, PCE concentrations are nearly an order of magnitude below the MCL (Table 4-2).

4.2 Soil Vapor Investigation

The results of the September 2016 geotechnical and soil vapor sampling events are presented in Tables 4-4 and 4-5, respectively. Based on a target ELCR of 1×10^{-5} and target HQ of 1, soil vapor results collected adjacent to the Annex building and the north wing of the AG building were compared to the most recent version of EPA's commercial VISLs, and data from soil vapor samples collected at other locations were compared to the most recent version of EPA's residential VISLs. Locations where one or more COPCs exceeded a VISL are presented on Figure 4-3.

Soil vapor results indicate PCE and TCE concentrations were below the commercial VISLs at the AG and Annex Buildings. Although samples collected from the shallow interval soil vapor probes adjacent to two wells and the vapor intrusion monitoring system (VIMS) exceed the residential VISLs for PCE (MW-02S) and TCE (MW-08S and the VIMS) in soil vapor (Table 4-5), the exceedances are not located near residential-use buildings. Geotechnical sampling results (Table 4-4) show similar physical soil properties across the site and among the different lithologies sampled.

TCE concentrations in soil vapor at MW-08S and the VIMS are not considered to be related to the PCE plumes based on the following:

- TCE is present at very low concentrations (less than 1 µg/L) in groundwater at the VIMS and MW-08S.
- Shallow zone TCE concentrations in soil vapor at MW-08S are greater than deeper zone samples (collected directly above the water table), indicating that groundwater is not the likely source of the TCE in soil vapor in this area.

- TCE soil vapor concentrations at the VIMS are upgradient of the PCE groundwater plumes.
- The difference in PCE and TCE concentrations in soil vapor at the VIMS indicate that these chemicals are from different sources.

These data suggest that the vapors detected at these locations are not likely from groundwater but instead are related to historical releases of TCE from separate source areas that were likely limited to the vadose zone. Based on the lack of TCE detections or concentrations below the VISL in the soil vapor samples collected at the Annex building (less than 100 feet from the VIMS), the TCE exceedances at the VIMS appear localized.

4.3 Cypress Creek Hydraulic Study

The results of both Cypress Creek hydraulic studies are presented on Figure 4-4. Trends show that groundwater elevations in TMPZ-1 were consistently higher than surface water elevations in Cypress Creek and the Alabama River, which suggests that groundwater at TMPZ-1 may discharge at times to Cypress Creek. However, the diurnal water level fluctuations recorded in TMPZ-1 and the Alabama River during both study periods (and in Cypress Creek during the July to August 2016 study) are directly and strongly correlated. The average offset in the water levels of Cypress Creek and the Alabama River recorded during the July to August 2016 phase of the hydraulic study was very small (0.1 foot average over the study period). These data indicate the Alabama River communicates directly with and is the primary influence of the movement of water in the creek and groundwater at TMPZ-1. Therefore, the ponded area of Cypress Creek cannot be classified as either a gaining or losing stream, but instead is largely comprised of Alabama River water that has washed back through the downstream culvert and/or infiltrated through pore spaces in the subsurface.

Furthermore, the influence of the Alabama River noted at TMPZ-1 indicates that the river acts as a hydraulic barrier between the leading edge of the PCE plumes and Cypress Creek, limiting the migration of the plumes into the creek and diluting concentrations of PCE at the downgradient edge. This hydraulic barrier effect caused by the Alabama River also may be a contributing factor to the higher concentrations observed at TMPZ-1 relative to other wells by impeding migration.

Conceptual Site Model

Figure 5-1 presents the conceptual site model (CSM) for the site. The CSM incorporates data gathered to date to identify source areas and release mechanisms, chemical fate and transport, nature and extent, and exposure pathways for the site.

5.1 Source Areas and Release Mechanisms

PCE was identified in former public water supply well PW-9W in 1991 and in soil during construction of the RSA Energy Plant in 1993. During a 1993 emergency removal action, impacted media were removed prior to construction of the RSA Energy Plant. Following the removal action, concentrations of PCE were not identified above the RSL in soil, indicating that little to no residual mass is present. In addition, a historical data review indicated there are no ongoing sources of PCE (i.e. no residual mass in the vadoze zone) within the site boundary. Therefore, the RSA Energy Plant is not considered an ongoing source of PCE.

Multiple potential sources of PCE contamination exist within the site boundaries. Although the PCE identified during construction of the RSA Energy Plant contributed to PCE in groundwater, other historical releases within the site boundary likely also have occurred, as indicated by the plume that originates near MW-12S. This plume is not downgradient of the RSA Energy Plant and is located in an industrialized area. Based on historical review of records, several former dry cleaners and other industrial facilities were identified in downtown Montgomery.

5.2 Fate and Transport

5.2.1 Chemical Transport

To evaluate potential routes of migration, chemical transport mechanisms that may be acting on the groundwater plume are summarized in this section. Once dissolved in groundwater, three processes govern the transport of contaminants: advection, dispersion, and retardation. Advection is the most important transport process driving groundwater contaminant migration in the subsurface. Because of the lithology in the aquifer (primarily sand with thin gravel and silt/clay lenses), retardation is limited and not discussed further in this section.

5.2.1.1 Advection

Advection refers to the lateral movement of dissolved-phase contaminants caused by the flow of groundwater. Lateral migration at the site has resulted largely from natural hydraulic gradients to the northwest (Figures 4-1 and 4-2). The pattern of increasing contaminant concentrations in the downgradient flow direction is consistent with plume migration via advection.

5.2.1.2 Dispersion

Hydrodynamic dispersion is the process that spreads out contaminants in groundwater in three dimensions: parallel to the direction of migration (longitudinal), laterally (transverse), and vertically. The underlying processes are mechanical dispersion and molecular diffusion. The magnitude of mechanical dispersion is proportional to groundwater velocity, and the result is spreading and mixing at the plume edges. This results in reduced contaminant concentrations along the edges of the plume. The narrowness of the RSA Energy Plant plume moving in the downgradient direction indicates lateral dispersion is minimal and the lack of PCE exceedances/detections in the intermediate wells indicates

vertical dispersion is limited to the shallow portion of the aquifer. At the downgradient edge of the plume, dispersion occurs as commingling with porewater from the Alabama River.

5.2.2 Fate of Chemicals

5.2.2.1 Volatility and Vapor Migration

The partitioning of a molecule from aqueous phase to the vapor phase is termed volatilization. Depending on the Henry's Law constant (a partitioning coefficient between adjacent water and air bodies), VOCs in groundwater can volatilize at the water table into the overlying soil. PCE and TCE easily partition into the vapor phase, where they can migrate through air-filled soil pores via primarily diffusion along a concentration gradient. The tendency for VOCs to diffuse through soil depends on the chemical and physical properties (diffusion coefficients in air and water), soil porosity (higher porosity encourages diffusion), and the soil moisture content (high moisture content may provide a barrier to vapor diffusion). Results of the geotechnical analysis indicate little variability in soil properties across the site.

The highest PCE concentrations in soil vapor were reported at MW-02S, downgradient of the RSA Energy Plant (one of the source areas), where PCE also is present in groundwater. Soil vapor TCE concentrations above VISLs were reported at MW-08S and the VIMS; however, TCE in soil vapor is not considered related to groundwater, based on lack of elevated dissolved TCE concentrations (maximum concentration 1.01 µg/L), and is likely due to historical releases that were limited to the vadose zone. The lateral extent of TCE in vapor at the VIMS, where soil vapor TCE concentrations are the highest, also is limited as it was not detected in the Annex Building samples collected less than 100 feet away from the VIMS.

5.2.2.2 Attenuation

Attenuation processes that act to reduce contaminant concentrations in groundwater include a variety of physical, chemical, or biological processes that, under favorable conditions, act without human intervention to reduce the mass, toxicity, mobility, volume, or concentration of contaminants in soil or groundwater (EPA, 1999). These in situ processes include degradation, dispersion, dilution, sorption, volatilization, and chemical or biological stabilization, transformation, or destruction of contaminants.

Dispersion and dilution are the primary mechanisms acting to attenuate the plume, although the presence of PCE in soil vapor indicates that volatilization also is occurring.

5.3 Nature and Extent of Groundwater Contamination

PCE exceeded the MCL in groundwater during the investigation. The lateral extent of the PCE exceedances in groundwater is constrained to the east and west by nondetect historical grab sampling data (Black & Veatch, 2002) and to the south by detected concentrations below the MCL at MW-01S (Figure 5-2, historical groundwater data are included in Appendix G). The northern extent is delineated by Cypress Creek, where the Alabama River serves as a hydraulic barrier and groundwater commingles with river water in pore spaces near the creek. The vertical extent of the PCE exceedances in groundwater is delineated by a lack of detections above the MCL in intermediate wells.

Conclusions

The results of the July 2016 groundwater sampling conducted at the site indicate the nature and extent of PCE in groundwater has been evaluated fully. During the July 2016 groundwater monitoring event, PCE was the only COPC detected above both its MCL and tap water RSL; TCE was the only other COPC detected above a screening level (above its tap water RSL but below its MCL). Cis-1,2-DCE also was detected at a few locations at low levels below its RSL and MCL; trans-1,2-DCE and VC were not detected. PCE in groundwater exists in two separate plumes; one plume originates from the area of the RSA Energy Plant and a separate plume originates in the industrial area near MW-12S. Overall, PCE exceedances in groundwater extend downgradient from historical source areas and commingle before migrating via advection toward Cypress Creek. The vertical extent of PCE in groundwater is limited to the shallow portion of the aquifer as it does not exceed the MCL in intermediate wells. At wells with sufficient historical data for time-series evaluation, PCE concentrations in groundwater are not increasing except where concentrations are an order of magnitude below the screening level (at MW-05I).

The results of the hydraulic study indicate that the influence of the Alabama River extends to TMPZ-1. The river acts as a hydraulic barrier at the leading edge of the commingled PCE plumes, impeding PCE migration toward Cypress Creek and mixing with the PCE in groundwater prior to any potential discharge to the creek. The hydraulic barrier effect caused by the Alabama River likely contributes to the higher concentrations at TMPZ-1 relative to other wells by limiting further migration. The results of the hydraulic study also indicate that the ponded area of Cypress Creek is neither a gaining nor losing stream, rather is composed of Alabama River water that has washed through the downstream culvert and/or infiltrated through pore spaces in the subsurface.

PCE concentrations in soil vapor indicate that some volatilization of PCE from groundwater is occurring. PCE is present in soil vapor at concentrations above the residential VISL in one well, MW-02S. TCE soil vapor concentrations also exceed the residential VISL at the shallow interval of MW-08S. However, these PCE and TCE exceedances are not located in residential areas. Furthermore, because TCE is not present at concentrations above the MCL in groundwater, it is likely related to separate historical releases into the vadose zone in limited quantities that did not impact groundwater, and does not appear to be related to the PCE plumes. These releases may be related to past industrial activities at both MW-08S and the VIMS. The highest TCE concentrations in soil vapor (reported at the VIMS) are upgradient of the PCE plumes and also are limited laterally based on the low concentrations or lack of TCE detections in soil vapor samples collected adjacent to the Annex building, less than 100 feet from the VIMS.

Groundwater and soil vapor concentrations will be evaluated as part of the risk assessment, which will be documented in the AA/RA Report. This evaluation will include discussion of current and future land use, potential exposure pathways, receptors, and risk estimates for the locations where groundwater is extracted for commercial bus washing or soil vapor concentrations exceed VISLs.

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Tables

TABLE 3-1

Well Construction Details*Environmental Investigation Report--DEAP, Montgomery, Alabama*

Station	TOC Elevation (ft amsl)	Northing	Easting	Total Well Depth (ft bgs)	Screen Length (ft)	Top of Screen (ft bgs)	Bottom of Screen (ft bgs)	Bentonite Seal Depth (ft bgs)	Sandpack Interval (ft bgs)	Screen/Riser Material
MW-01S	189.37	683943.95	510596.75	51.96	9.7	40.2	49.9	35.5 - 38.0	38 - 57	stainless steel
MW-02S*	188.59	684303.83	510637.81	59.87	20	40	60	NA	37 - 60	stainless steel
MW-03S*	206.18	684381.71	511066.14	59.32	20	40	60	NA	37 - 60	stainless steel
MW-07S**	179.65	684401.46	510402.04	96.71	9.7	85	94.7	81 - 83	83 - 97	stainless steel
MW-08S	173.46	685008.22	510169.10	51.77	9.7	40	49.7	35 - 37	37 - 53	stainless steel
MW-09S	213.41	682890.15	510287.11	71.76	9.7	60	69.7	55 - 57	57 - 73	stainless steel
MW-10S	212.67	683543.56	510867.66	71.91	9.7	60.2	69.9	56 - 58	58 - 77	stainless steel
MW-12S*	157.58	685782.50	510116.69	41.88	9.6	29.37	38.95	NA	22.8 - 43.2	stainless steel
TMPZ-1	158.90	685647.08	509234.13	48.00	9.7	37.5	47.2	30 - 34	34 - 48	polyvinyl chloride
MW-01I	190.00	683944.63	510601.89	141.76	9.7	130	139.7	126 - 128	128 - 147	stainless steel
MW-05I	159.37	684113.92	511233.31	159.37	9.7	147.6	157.3	135.6 - 143.6	143.6 - 167.0	stainless steel
MW-07I	179.76	684392.88	510402.76	128.85	9.7	117.1	126.8	110.9 - 113.9	113.9 - 130.0	stainless steel
MW-08I	173.42	685003.15	510168.99	119.73	9.7	108.0	117.7	103 - 106	106 - 127	stainless steel
MW-12I*	157.82	685786.15	510111.71	104.69	9.7	92.18	101.85	NA	84.5 - 110	stainless steel

Notes:

Top of casing elevations based on National Geodetic Vertical Datum of 1929 (NGVD 1929).

Wells completed as flush mounts with 2-inch inner diameter well casings.

Well construction details based on well construction diagrams unless otherwise noted. Top of casing elevations and location coordinates details based on 2002 RI Report Table 4-8 (TMPZ-1 coordinates and TOC elevation based on July 2016 survey).

*Well construction details based on 2002 RI Report Table 4-8; well construction diagrams not available

** Although previously identified as a shallow well (S designation), MW-07S is classified as intermediate based on the depth of the screen interval.

NA = original construction diagram not available

TOC = top of casing

ft bgs = feet below ground surface

ft amsl = feet above mean sea level

TABLE 3-2

2016 Sampling Completed by Media*Environmental Investigation Report--DEAP, Montgomery, Alabama*

Location ID	Number of Samples	Sample Depth (ft bgs)	Analyses	Method
Shallow Groundwater				
MW-01S	1	NA	tetrachloroethene trichloroethene cis-1,2-dichloroethene trans-1,2-dichloroethene vinyl chloride (chemicals of potential concern [COPCs])	SW8260B
MW-02S	1	NA		
MW-03S	2*	NA		
MW-08S	1	NA		
MW-09S	3**	NA		
MW-10S	1	NA		
MW-12S	1	NA		
TMPZ-1	1	NA		
Intermediate Groundwater				
MW-01I	1	NA	COPCs	SW8260B
MW-05I	2*	NA		
MW-07I	1	NA		
MW-07S	1	NA		
MW-08I	1	NA		
MW-12I	1	NA		
Soil - Shelby tube				
MW-02S	1	5 - 7	bulk density total porosity saturated porosity fraction organic carbon	ASTM D7263-09 ASTM D7263-09 ASTM D7263-09 Walkley Black Method
MW-08S	1	28 - 30		
MW-12S	2	4 - 6; 22- 24		
TMPZ-1	2	9 - 11; 18 - 20		
Soil Vapor Samples				
MW-02S	2	7.8 - 8; 34 - 35	COPCs	TO-15
MW-08S	2	7 - 8; 29 - 30		
MW-12S	3*	7 - 8; 21 - 22*		
TMPZ-1	2	7 - 8; 26 - 27		
VIMS-10	1	10		
VIMS-50	1	50		
Alabama AG's Building***	3*	14.8 - 15; 11.8 - 12*		
County Annex III Building***	2	11.8 - 12; 11.8 -12		

Notes:

* Includes field duplicate sample

** Includes matrix spike/matrix spike duplicate sample

*** Due to access restrictions and dense underground utility networks, fewer soil vapor samples than proposed in the Work Plan were collected around the AG (originally 3 proposed) and County Annex III (originally 4 proposed) Buildings.

ft bgs = feet below ground surface

AG = Attorney General

ASTM = ASTM International

DEAP = Downtown Environmental Assessment Project

NA = not applicable

SW = SW-846 Test Methods for Evaluating Solid Waste Physical/Chemical Methods

VIMS = vapor intrusion monitoring system

TABLE 4-1

Groundwater Elevations - July 11, 2016*Environmental Investigation Report--DEAP, Montgomery, Alabama*

Well	TOC Elevation	DTW	Groundwater Elevation
<i>Shallow Interval Wells</i>			
MW-01S	189.37	38.44	150.93
MW-02S	188.59	40.45	148.14
MW-03S	206.18	55.91	150.27
MW-08S	173.46	35.38	138.08
MW-09S	213.41	54.71	158.70
MW-10S	212.67	56.42	156.25
MW-12S	157.58	25.73	131.85
TMPZ-1 ¹	158.90	30.09	128.81
<i>Intermediate Interval Wells</i>			
MW-01I	190.00	39.54	150.46
MW-05I	210.98	57.39	153.59
MW-07I	179.76	35.38	144.38
MW-07S	179.65	34.86	144.79
MW-08I	173.42	36.28	137.14
MW-12I	157.82	25.70	132.12

Notes:

DEAP = Downtown Environmental Assessment Project

DTW = depth to water in feet below TOC

TOC = top of casing in feet above mean sea level

Elevation reported in feet above mean sea level.

¹TMPZ-1 was gauged on July 22, 2016.

TABLE 4-2

Groundwater Sampling Results*Environmental Investigation Report--DEAP, Montgomery, Alabama*

Station ID	Date Sampled	PCE VISL: 15 MCL: 5 RSL: 11	TCE VISL: 1.2 MCL: 5 RSL: 0.49	cis-1,2-DCE VISL: NA MCL: 70 RSL: 36	trans-1,2-DCE VISL: NA MCL: 100 RSL: 360	VC VISL: 0.15 MCL: 2 RSL: 0.019
Shallow Interval Wells						
MW-01S	7/12/2016	1.56	0.398 U	0.260 U	0.396 U	0.259 U
MW-02S	7/13/2016	34.1	0.398 U	0.260 U	0.396 U	0.259 U
MW-03S	7/13/2016	6.27	0.566 J	0.260 U	0.396 U	0.259 U
MW-03S FDUP	7/13/2016	6.02	0.442 J	0.260 U	0.396 U	0.259 U
MW-08S	7/13/2016	78.4	0.599 J	0.260 U	0.396 U	0.259 U
MW-09S	7/11/2016	0.372 U	0.567 J	0.260 U	0.396 U	0.259 U
MW-10S	7/12/2016	0.372 U	0.398 U	0.260 U	0.396 U	0.259 U
MW-12S	7/13/2016	58.9	0.414 J	0.268 J	0.396 U	0.259 U
TMPZ-1	7/22/2016	174	1.01	0.874 J	0.396 U	0.259 U
Intermediate Interval Wells						
MW-01I	7/12/2016	0.372 U	0.398 U	0.260 U	0.396 U	0.259 U
MW-05I	7/14/2016	0.595 J	0.398 U	0.260 U	0.396 U	0.259 U
MW-05I FDUP	7/14/2016	0.573 J	0.398 U	0.260 U	0.396 U	0.259 U
MW-07I	7/12/2016	0.372 U	0.398 U	0.260 U	0.396 U	0.259 U
MW-07S	7/12/2016	0.372 U	0.398 U	0.260 U	0.396 U	0.259 U
MW-08I	7/13/2016	0.372 U	0.398 U	0.260 U	0.396 U	0.259 U
MW-12I	7/13/2016	0.372 U	0.398 U	0.260 U	0.396 U	0.259 U
Commercial Bus Washing Station						
BSW-0217	2/20/2017	0.372 U	0.398 U	0.260 U	0.396 U	0.259 U

Notes:

Concentrations presented in micrograms per liter ($\mu\text{g/L}$).**Bold** text indicates concentration exceeds the lower of the MCL/RSL.

Shaded cell indicate shallow interval well concentration exceeds the EPA VISL.

PCE = tetrachloroethene

TCE = trichloroethene

DCE = dichloroethene

VC = vinyl chloride

FDUP = field duplicate

MCL = U.S. Environmental Protection Agency (EPA) Maximum Contaminant Level

RSL = EPA Regional Screening Level (tap water; based on a target risk = 1×10^{-6} and target hazard quotient = 1), May 2016VISL = vapor intrusion screening level (based on a residential scenario, target risk = 1×10^{-6} , target hazard quotient = 1, default groundwater temperature), May 2016

NA = no VISL available

DEAP = Downtown Environmental Assessment Project

J = concentration is estimated

U = analyte was not detected

TABLE 4-3

2016 Field Parameter Data*Environmental Investigation Report--DEAP, Montgomery, Alabama*

Station	Date Collected	pH (standard unit)	Conductivity ($\mu\text{S}/\text{cm}$)	Temperature ($^{\circ}\text{C}$)	Dissolved Oxygen (mg/L)	Oxidation Reduction Potential (mV)	Turbidity ¹ (NTU)
MW-01S	7/12/2016	5.73	790	22.54	4.73	195.1	1.7
MW-02S	7/13/2016	5.23	378	23.17	6.83	267.0	8.9
MW-03S	7/13/2016	5.52	309	21.82	5.30	229.7	-2.2
MW-07S ²	7/12/2016	5.13	356	23.00	7.33	225.2	18.8
MW-08S	7/13/2016	5.04	370	22.53	5.88	266.4	-2.9
MW-09S	7/11/2016	5.03	350	22.82	6.51	264.4	0.0
MW-10S	7/12/2016	4.94	417	22.74	5.83	259.8	-2.1
MW-12S	7/13/2016	5.34	307	21.76	4.64	178.7	45.4
TMPZ-1	7/22/2016	5.61	372	21.47	3.46	132.8	5.5
MW-05I	7/14/2016	5.73	70	24.40	4.23	176.0	39.8
MW-01I	7/12/2016	5.56	104	22.00	5.99	237.5	1.7
MW-07I	7/12/2016	5.66	124	22.11	3.13	158.2	8.2
MW-08I	7/13/2016	5.59	68	23.04	8.47	228.7	-0.9
MW-12I	7/13/2016	6.86	283	22.63	1.11	-95.9	4.5

Notes:

¹ Negative turbidity readings due to probe malfunction. Water in collected samples was visibly clear of sediment.² MW-07S is screened as an intermediate well. $\mu\text{S}/\text{cm}$ = microsiemens per centimeter $^{\circ}\text{C}$ = degrees Celsius

mg/L = milligrams per liter

mV = millivolts

NTU = nephelometric turbidity units

DEAP = Downtown Environmental Assessment Project

Field parameters were not collected at BSW-0217.

TABLE 4-4

September 2016 Geotechnical Sampling Results*Downtown Environmental Assessment Project, Montgomery, Alabama*

Station ID		TMPZ-1		MW-12S		MW-08S	MW-02S
Sample Depth (ft bgs)		9-11	18-20	4-6	22-24	28-30	5-7
Analyte	Unit	Result	Result	Result	Result	Result	Result
Saturated Porosity*	%	34	45	44	41	29	33
Total Soil Porosity	cm ³ /cm ³ -soil	0.37	0.48	0.47	0.44	0.36	0.4
Soil Dry Bulk Density	g/cm ³	1.73	1.46	1.46	1.53	1.71	1.6
Fraction Organic Carbon	%	0.51	0.11	0.15	0.08	0.11	0.16

Notes:

* Saturated porosity was calculated from total porosity.

% = percent

g/cm³ = grams per centimeter cubedcm³/cm³ = centimeters cubed per centimeters cubed

ft bgs = feet below ground surface

DEAP = Downtown Environmental Assessment Project

TABLE 4-5

September 2016 Soil Vapor Sampling Results

Environmental Investigation Report--DEAP, Montgomery, Alabama

Station ID	Sample Depth (ft bgs)	Date Sampled	PCE Residential VISL: 1,400	TCE Residential VISL: 70	cis-1,2-DCE Residential VISL: NA	trans-1,2-DCE Residential VISL: NA	VC Residential VISL: 56
Plume Area							
MW-02S	7.8 - 8	09/23/2016	4,940	3.21	1.59 U	1.59 U	1.02 U
	34 - 35	09/22/2016	5,280	34.5	1.59 U	1.59 U	1.02 U
MW-08S	7 - 8	09/22/2016	493	336	1.59 U	1.59 U	1.02 U
	29 - 30	09/22/2016	361	27.8	1.59 U	1.59 U	1.02 U
MW-12S	7 - 8	09/21/2016	23.3	3.56	1.59 U	1.59 U	1.02 U
	21 - 22	09/21/2016	4.36 J	42.3 J	1.59 UJ	1.59 U	1.02 U
	21 - 22 (FD)	09/21/2016	6.41 J	64.6 J	5.67 J	1.59 U	1.02 U
TMPZ-1	7 - 8	09/21/2016	3.49	2.14 U	1.59 U	1.59 U	1.02 U
	26 - 27	09/21/2016	1,240	10	1.59 U	1.59 U	1.02 U
Vapor Intrusion Monitoring System							
VIMS-10	10	09/21/2016	99.6	13,100	88.6	2.55	1.02 U
VIMS-50	50	09/22/2016	286	98,800	873	19.1	4.09 U

Station ID	Sample Depth (ft bgs)	Date Sampled	PCE Commercial VISL: 5,800	TCE Commercial VISL: 290	cis-1,2-DCE Commercial VISL: NA	trans-1,2-DCE Commercial VISL: NA	VC Commercial VISL: 930
County Annex III Building							
AMS-01	11.8 - 12	09/19/2016	14.2	2.14 U	1.59 U	1.59 U	1.02 U
AMS-02	11.8 - 12	09/19/2016	6.28	6.67	1.59 U	1.59 U	1.02 U
Alabama Attorney General's Building							
AMS-03	14.8 - 15	09/20/2016	9.68	2.14 U	1.59 U	1.59 U	1.02 U
AMS-04	11.8 - 12	09/20/2016	9.37	2.14 U	1.59 U	1.59 U	1.02 U
	11.8 - 12 (FD)	09/20/2016	9.18	2.14 U	1.59 U	1.59 U	1.02 U

Notes:

Concentrations presented in micrograms per meter cubed ($\mu\text{g}/\text{m}^3$).**Bold** text indicates concentration exceeds EPA residential VISL.

ft bgs = feet below ground surface

PCE = tetrachloroethene

TCE = trichloroethene

DCE = dichloroethene

VC = vinyl chloride

FD = field duplicate

VISL = EPA Vapor Intrusion Screening Level (based on target risk of 1×10^{-5} and target hazard quotient of 1), May 2016.

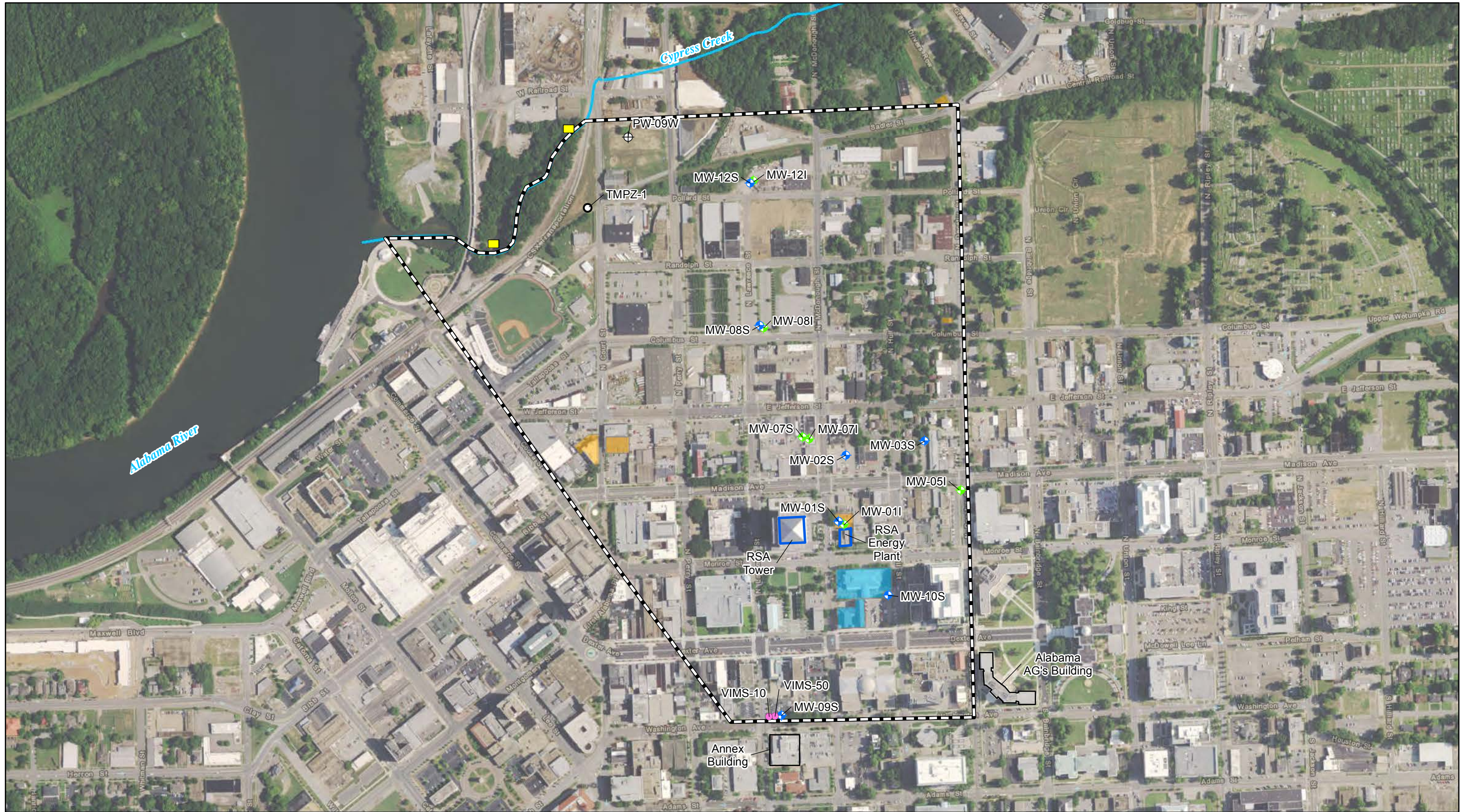
NA = no VISL available

DEAP = Downtown Environmental Assessment Project

J = concentration is estimated

U = analyte was not detected

Figures



LEGEND

- ◆ Shallow Monitoring Well
- ◆ Intermediate Monitoring Well
- Former City Water Supply Well
- Temporary Piezometer
- Approximate Culvert Location
- VIMS
- RSA Building
- Site Boundary
- Residential Property
- School/Daycare Property

Notes:
 1. AG - Attorney General
 2. RSA - Retirement Systems of Alabama
 3. VIMS - Vapor Intrusion Monitoring System

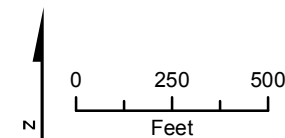
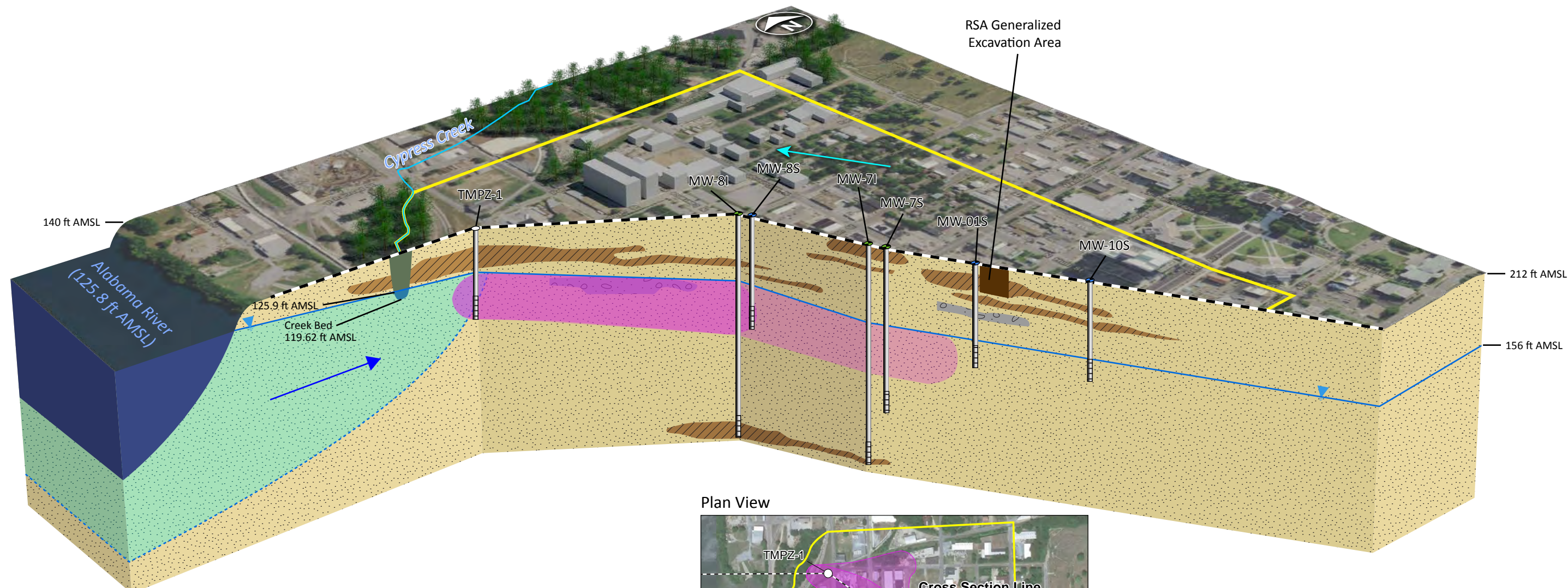
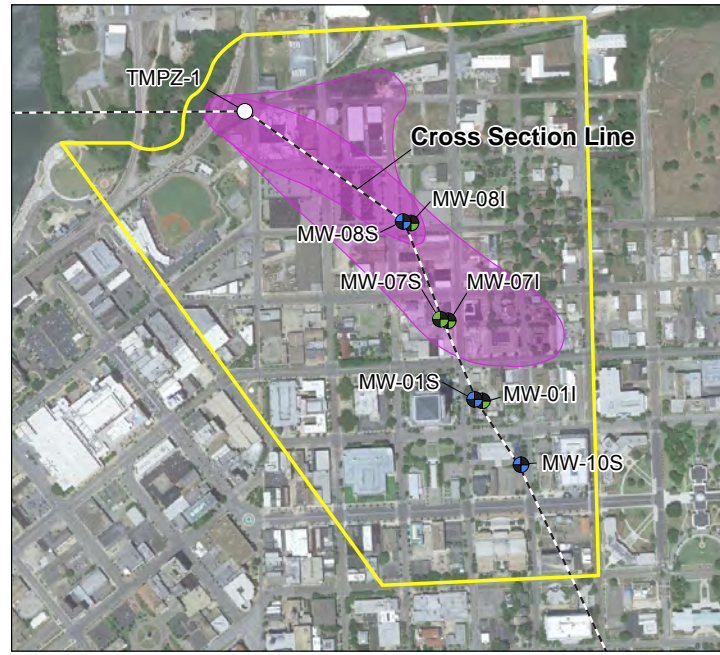


FIGURE ES-1
 Site Map
 Environmental Investigation Report
 Downtown Environmental Assessment Project
 Montgomery, AL



Plan View



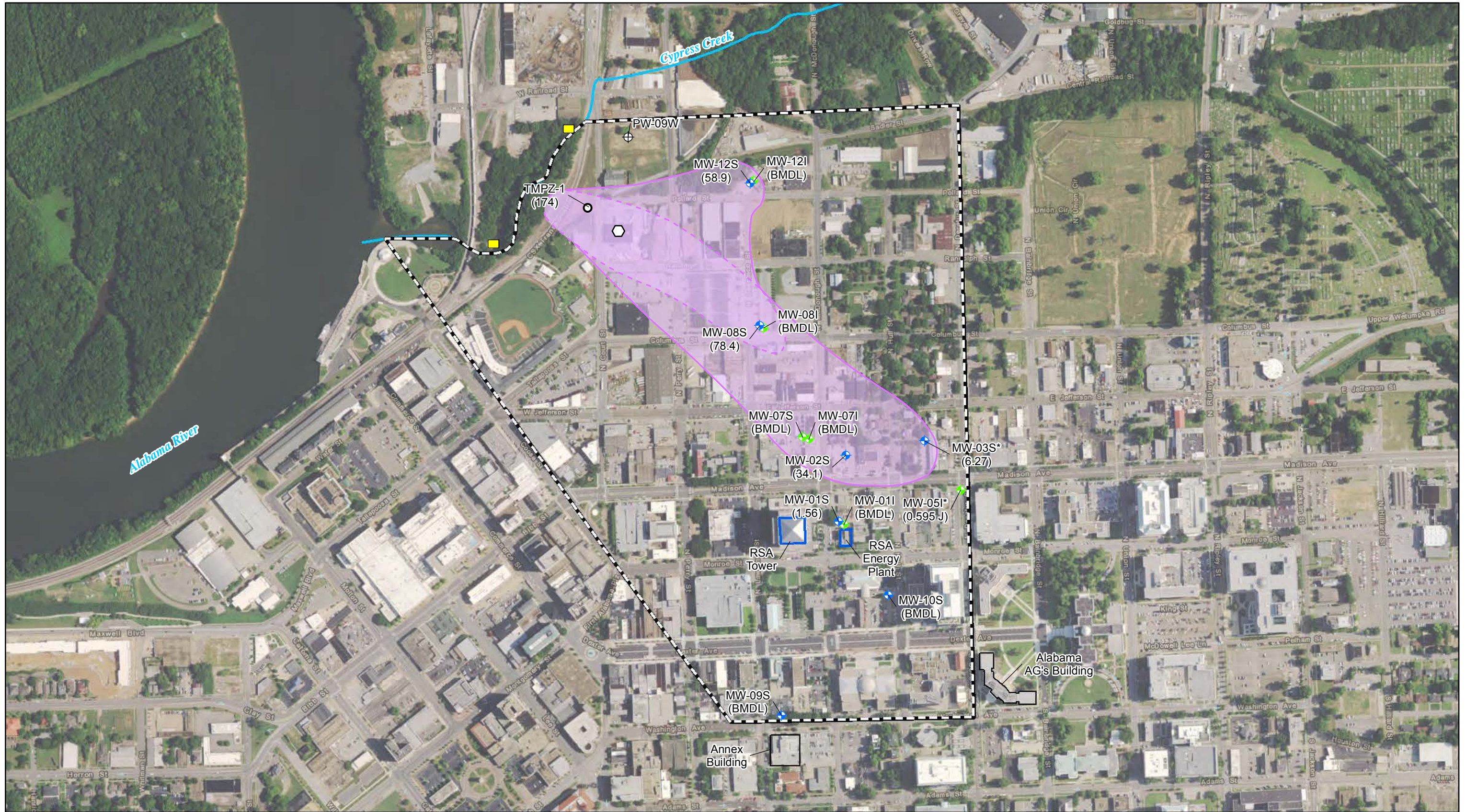
LEGEND

- Site Boundary
- Shallow Monitoring Well
- Intermediate Monitoring Well
- Temporary Piezometer
- PCE Plume
- Approximate Extent of Alabama River Influence
- Sand
- Silt and Clay
- Sandy Gravel
- Groundwater Level
- Flow Direction

- Notes:
1. Not to scale
 2. Below surface elements vertically exaggerated for clarity
 3. Darker purple color indicates commingled plumes
 4. PCE = tetrachloroethene
 5. ft AMSL = feet above mean sea level

Figure ES-2
Conceptual Site Model
Environmental Investigation Report
 Downtown Environmental Assessment Project
 Montgomery, Alabama





LEGEND

- ◆ Shallow Monitoring Well
- ◆ Intermediate Monitoring Well
- ⊕ Former City Water Supply Well
- Temporary Piezometer
- Approximate Culvert Location
- ⬡ Commercial Bus-Washing Station
- Approximate Extent of PCE > 5 µg/L
- RSA Building
- Site Boundary

Notes:

1. AG = Attorney General
2. BMDL = below method detection limit
3. J = concentration is estimated
4. PCE = tetrachloroethene
5. RSA = Retirement Systems of Alabama
6. µg/L = micrograms per liter
7. * = field duplicate sample location, highest result presented
8. (34.1) = PCE concentration in groundwater in µg/L

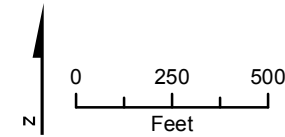
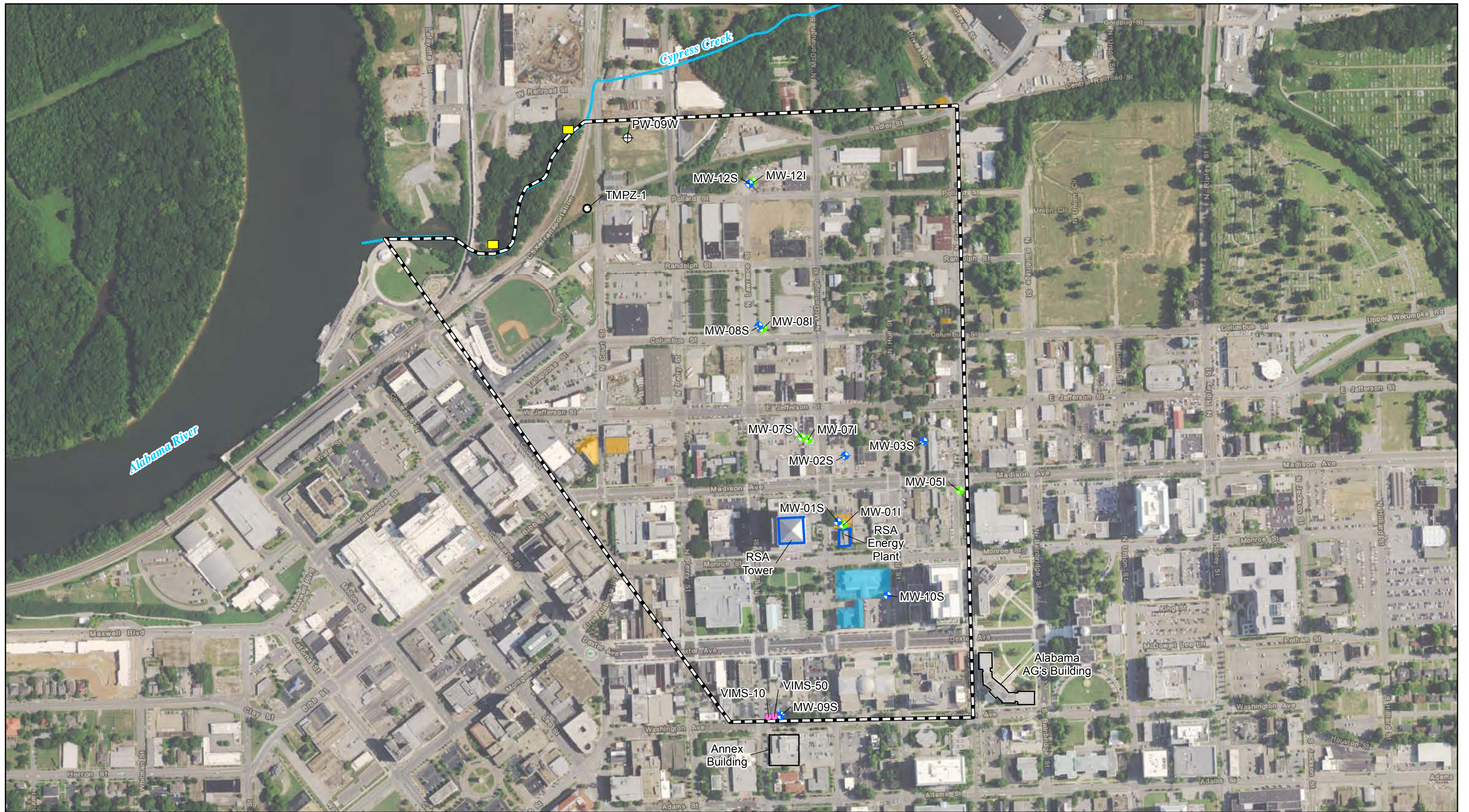


FIGURE ES-3
PCE Groundwater Results - July 2016
Environmental Investigation Report
Downtown Environmental Assessment Project
Montgomery, AL



LEGEND

- ◆ Shallow Monitoring Well
- ◆ Intermediate Monitoring Well
- ⊕ Former City Water Supply Well
- Temporary Piezometer
- Approximate Culvert Location
- VIMS
- RSA Building
- Site Boundary
- Residential Property
- School/Daycare Property

Notes:
 1. AG - Attorney General
 2. RSA - Retirement Systems of Alabama
 3. VIMS - Vapor Intrusion Monitoring System

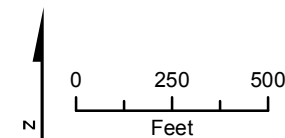


FIGURE 1-1
 Site Map
 Environmental Investigation Report
 Downtown Environmental Assessment Project
 Montgomery, AL



LEGEND

- | | | |
|------------------------------|--------------------------------|---------------|
| Shallow Monitoring Well | Soil Vapor Sampling Location | RSA Building |
| Intermediate Monitoring Well | Geotechnical Sampling Location | Site Boundary |
| Temporary Piezometer | Alabama River Gauge Station | |
| VIMS | Commercial Bus-Washing Station | |

Notes:
 1. AG = Attorney General
 2. RSA = Retirement Systems of Alabama
 3. VIMS = Vapor Intrusion Monitoring System

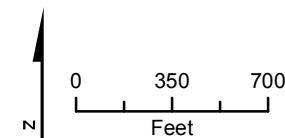
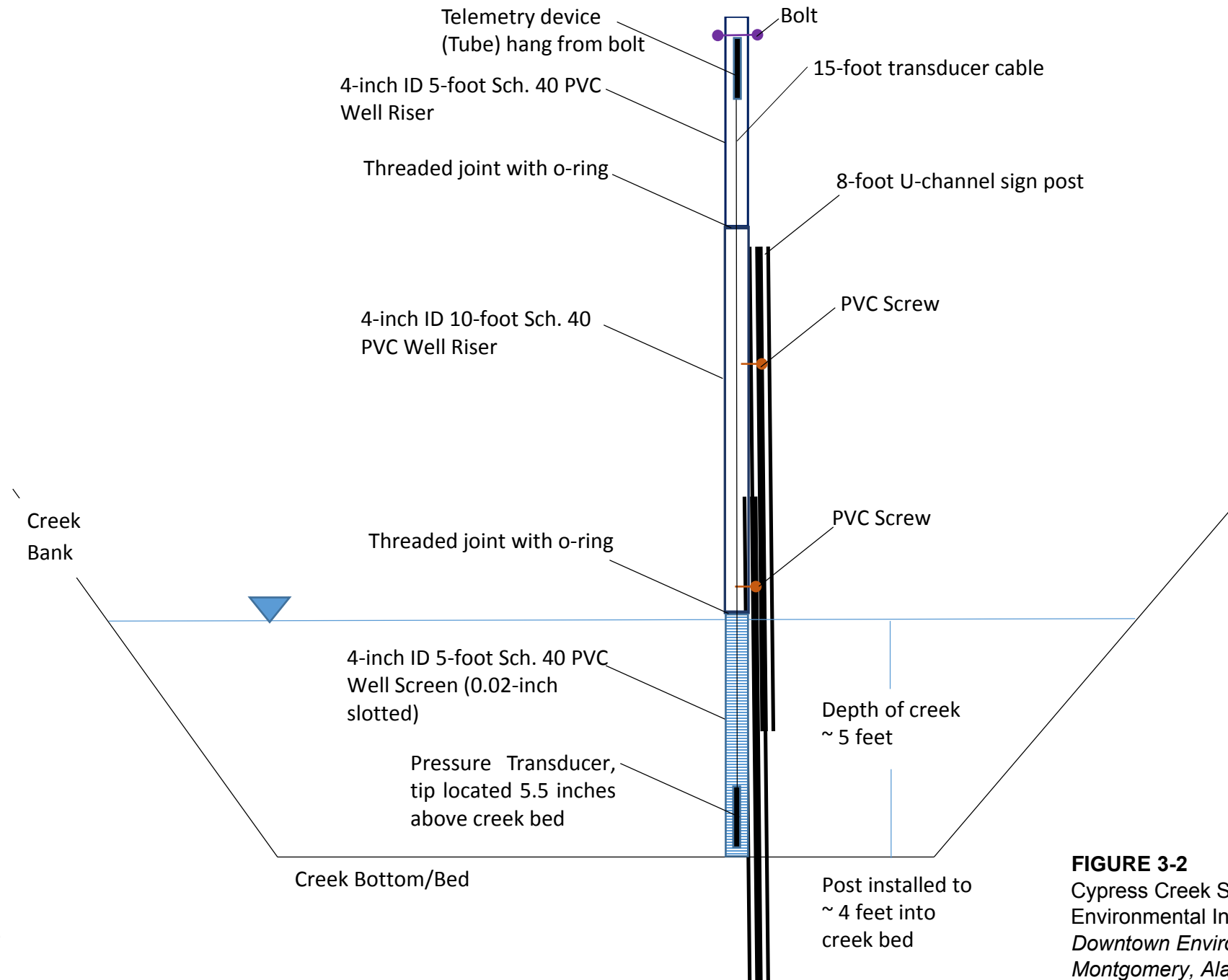


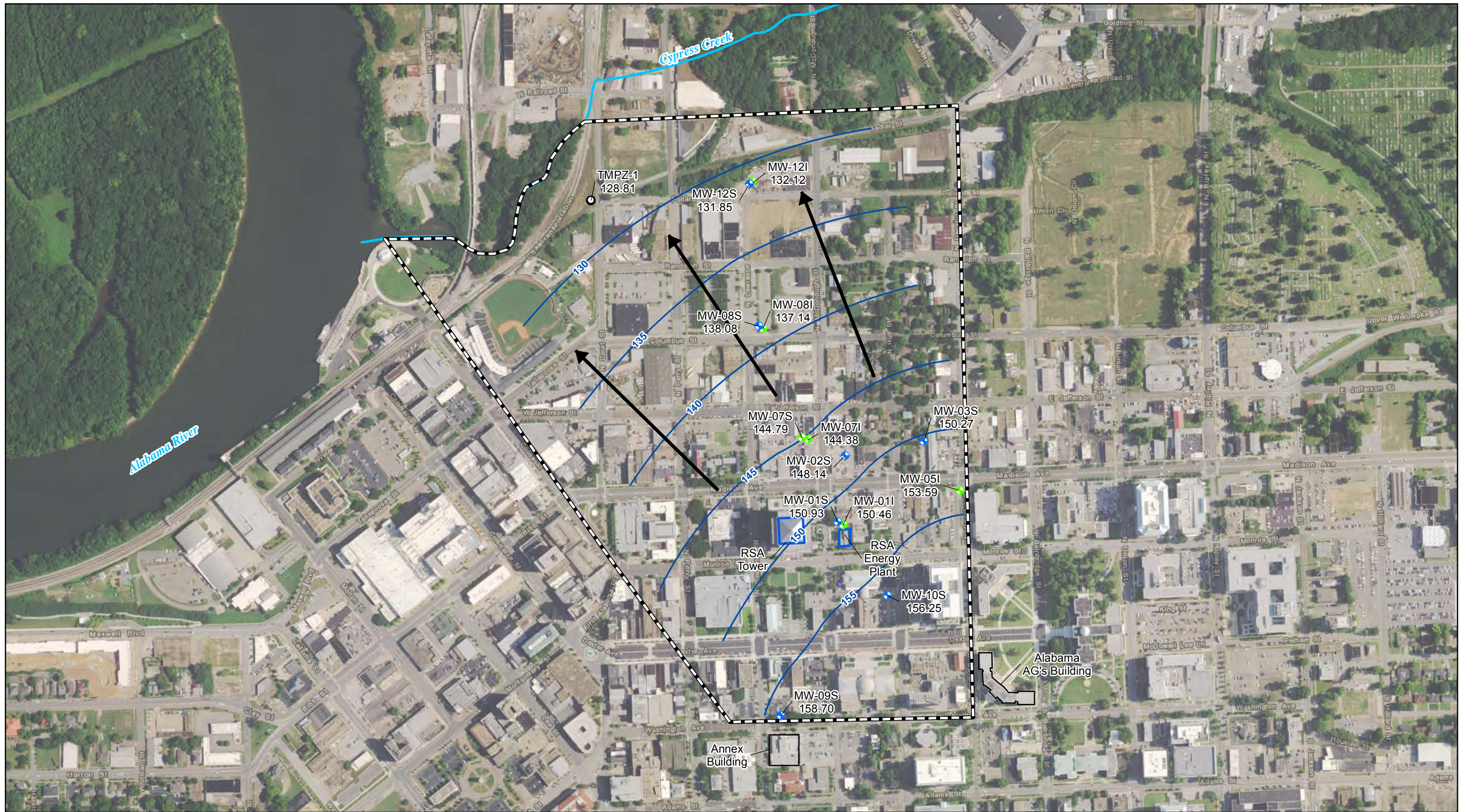
FIGURE 3-1
 Investigation Locations
 Environmental Investigation Report
 Downtown Environmental Assessment Project
 Montgomery, AL





- Notes:
- 1) Drawing not to scale
 - 2) ID = inner diameter
 - 3) Sch. 40 = schedule 40
 - 4) PVC = polyvinyl chloride

FIGURE 3-2
 Cypress Creek Staff Gauge Schematic
 Environmental Investigation Report
Downtown Environmental Assessment Project
 Montgomery, Alabama



LEGEND

- ◆ Shallow Monitoring Well
- ◆ Intermediate Monitoring Well
- Temporary Piezometer
- Shallow Potentiometric Contour
- Generalized Groundwater Flow Direction
- RSA Building
- Site Boundary

- Notes:**
1. AG - Attorney General
 2. RSA - Retirement Systems of Alabama
 3. Intermediate wells not used in contouring.
 4. Groundwater elevations presented in feet above mean sea level. .

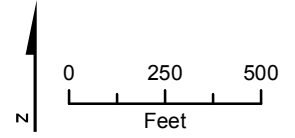
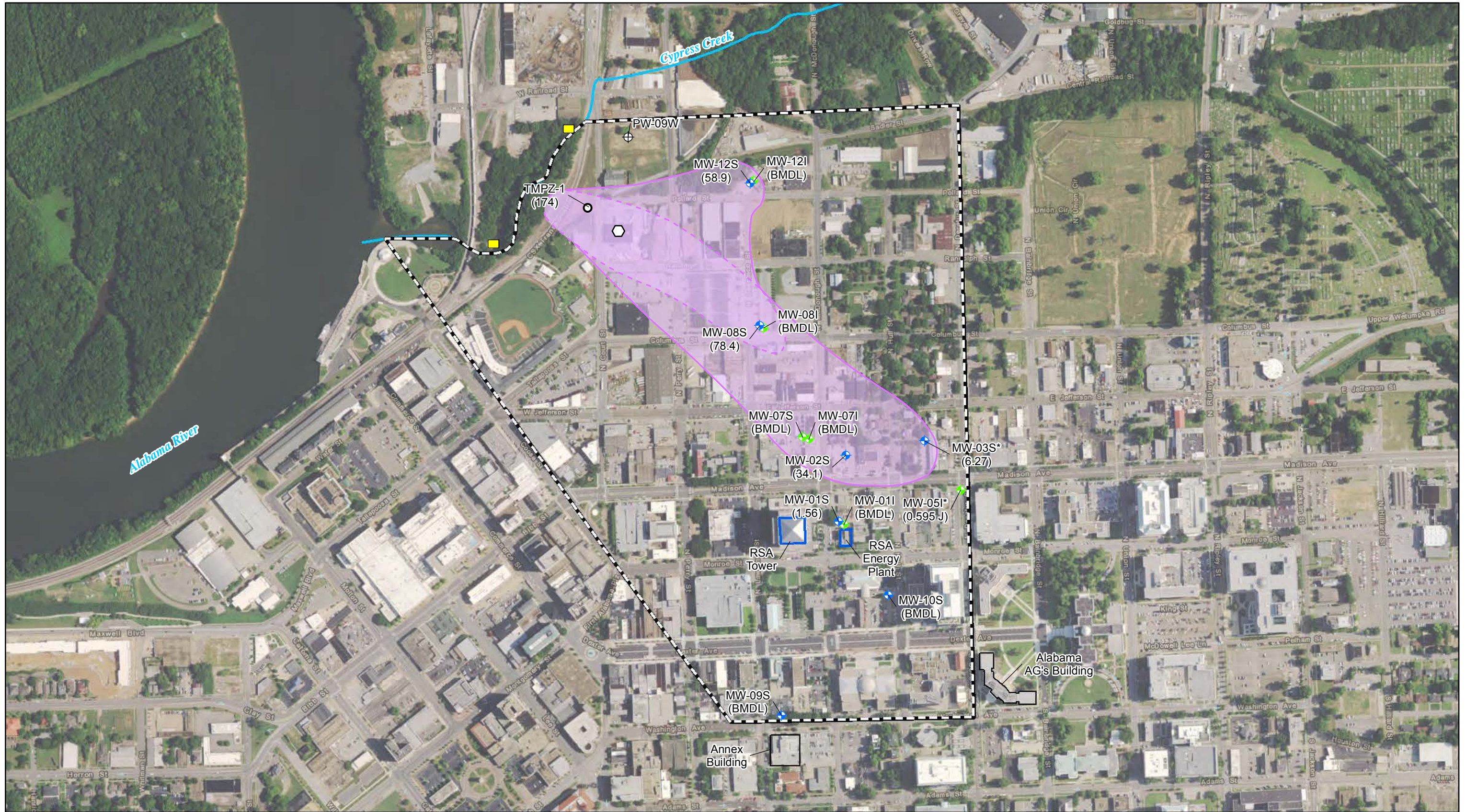


FIGURE 4-1
 July 2016 Shallow Potentiometric Surface
 Environmental Investigation Report
 Downtown Environmental Assessment Project
 Montgomery, AL



LEGEND

- ◆ Shallow Monitoring Well
- ◆ Intermediate Monitoring Well
- Former City Water Supply Well
- Temporary Piezometer
- Approximate Culvert Location
- Commercial Bus-Washing Station
- Approximate Extent of PCE > 5 µg/L
- RSA Building
- Site Boundary

Notes:

1. AG = Attorney General
2. BMDL = below method detection limit
3. J = concentration is estimated
4. PCE = tetrachloroethene
5. RSA = Retirement Systems of Alabama
6. µg/L = micrograms per liter
7. * = field duplicate sample location, highest result presented
8. (34.1) = PCE concentration in groundwater in µg/L

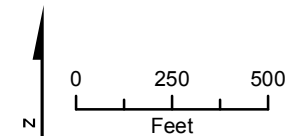
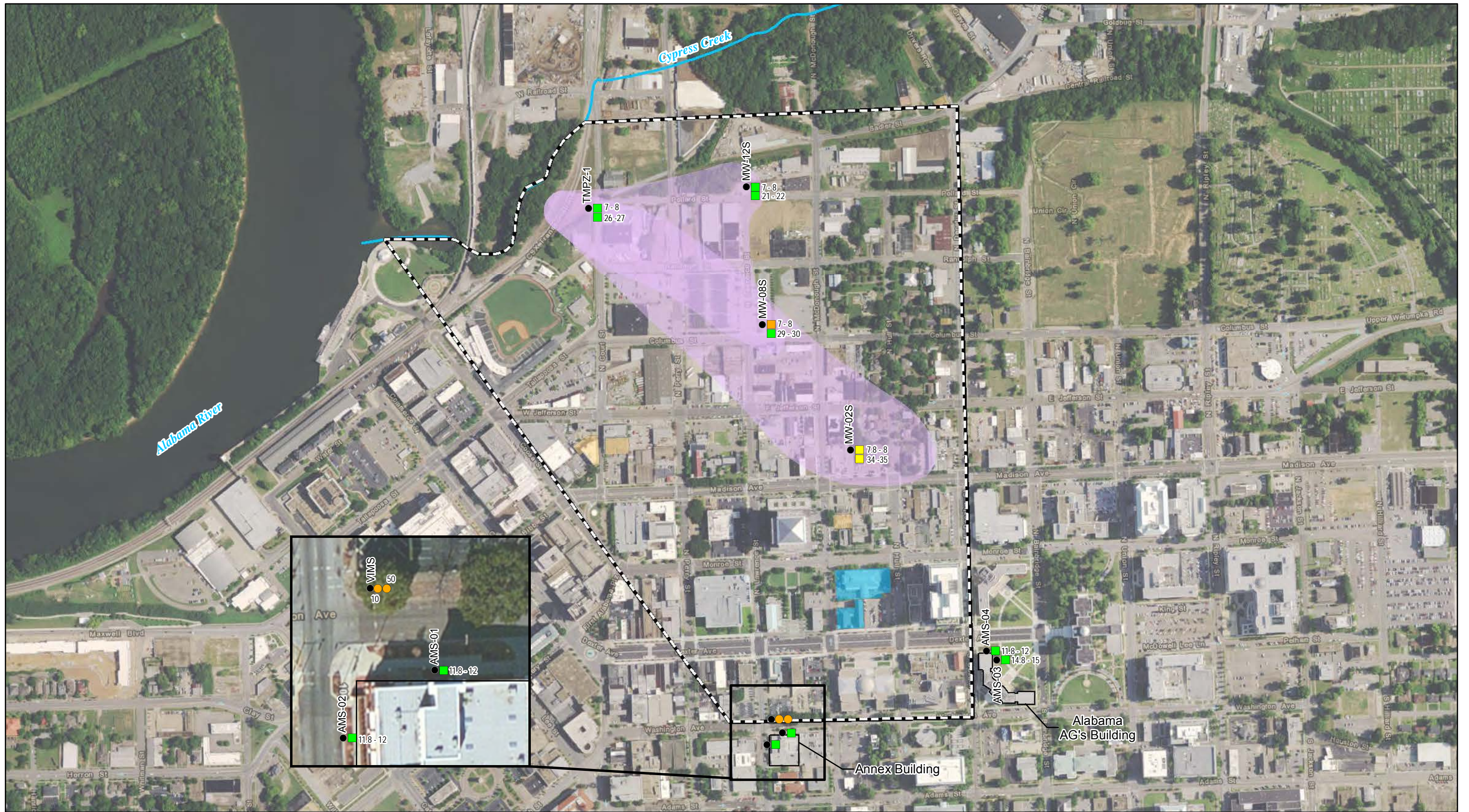


FIGURE 4-2
PCE Groundwater Results - July 2016
Environmental Investigation Report
Downtown Environmental Assessment Project
Montgomery, AL



Soil Vapor VISL Screening Results

- Result does not exceed VISL
- Result exceeds residential VISL for PCE
- Result exceeds residential VISL for TCE
- Result exceeds commercial VISL for TCE

- Soil Vapor Sample Location
- ▭ Building
- ▭ Site Boundary
- ▭ Residential Property
- ▭ School/Daycare Property
- ▭ Approximate Extent of PCE > 5 µg/L

Notes:
 VISL = EPA vapor intrusion screening level
 (based on target risk of 1×10^{-6} and target hazard quotient of 1) (EPA, 2016)
 µg/L = micrograms per liter
 PCE = tetrachloroethene
 TCE = trichloroethene
 # - # = the depth interval in feet below ground surface.
 Soil vapor results collected adjacent to the Annex and AG's Buildings were compared to commercial VISLs, results from all other locations were compared to residential VISLs.

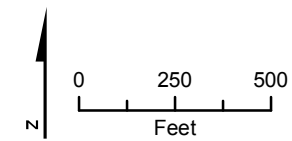
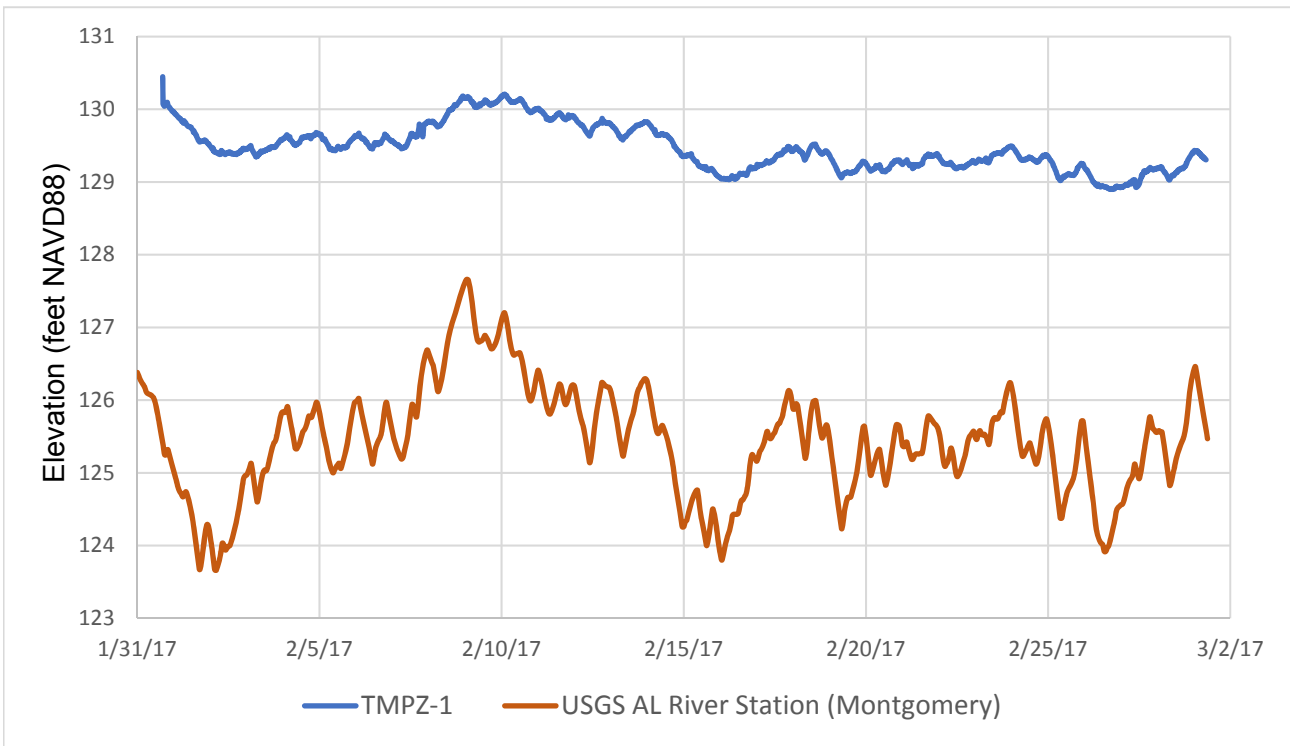
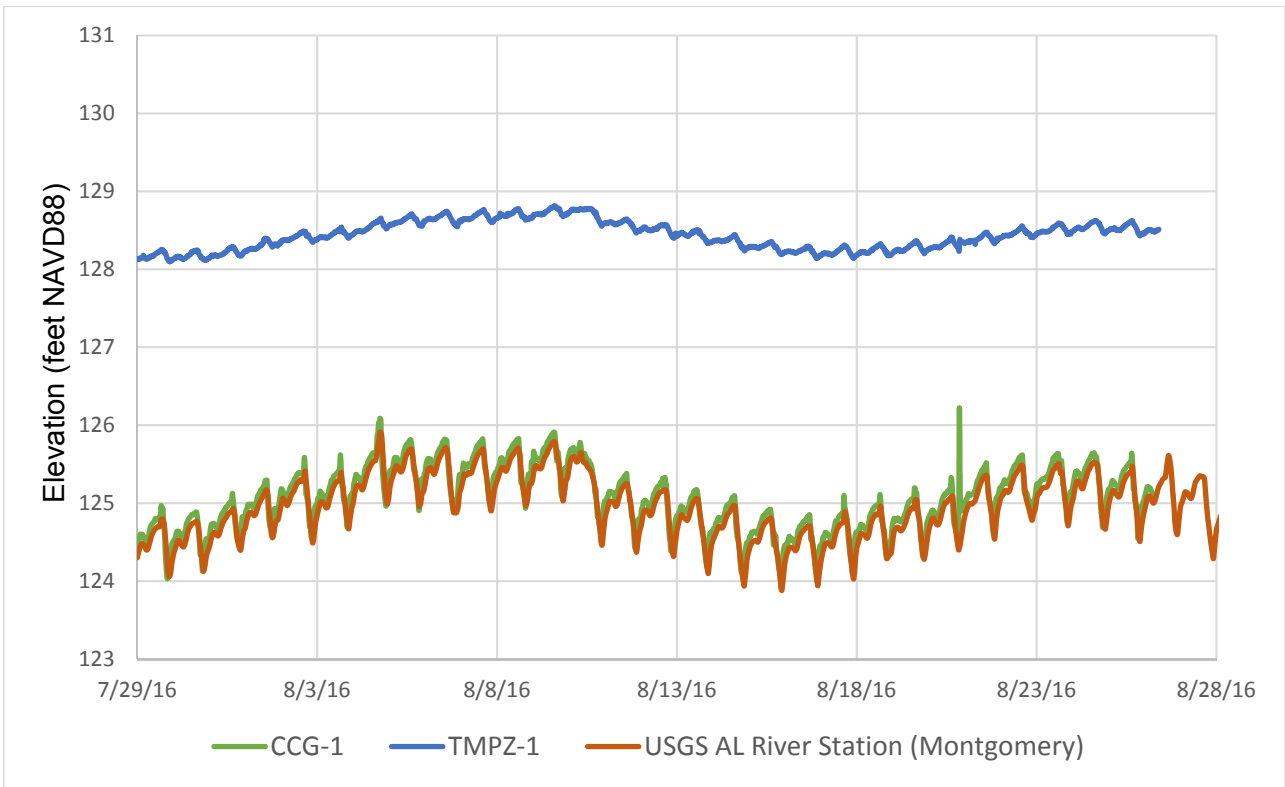


FIGURE 4-3
 Soil Vapor Results
 Downtown Environmental Assessment Project
 Montgomery, Alabama



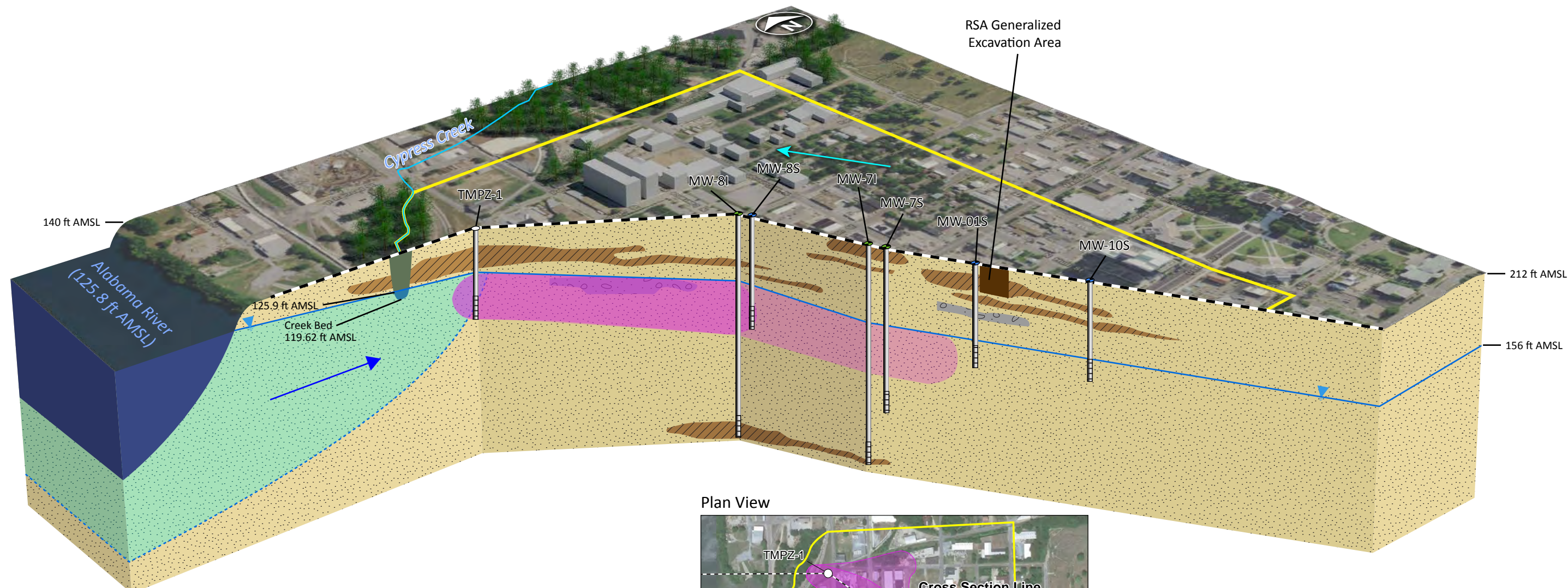
Notes:

CCG-1 = Cypress Creek Gauge

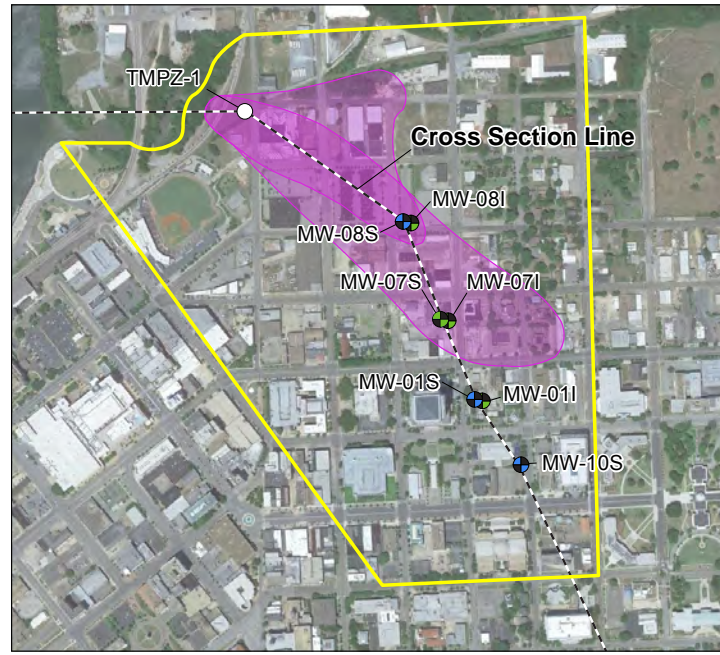
USGS AL River Station = United States Geological Society Alabama River Gauge 02419988

NAVD88 = North American Vertical Datum of 1988

Figure 4-4
 Cypress Creek Hydraulic Study Results
 Environmental Investigation Report
 Downtown Environmental Assessment Project
 Montgomery, AL



Plan View



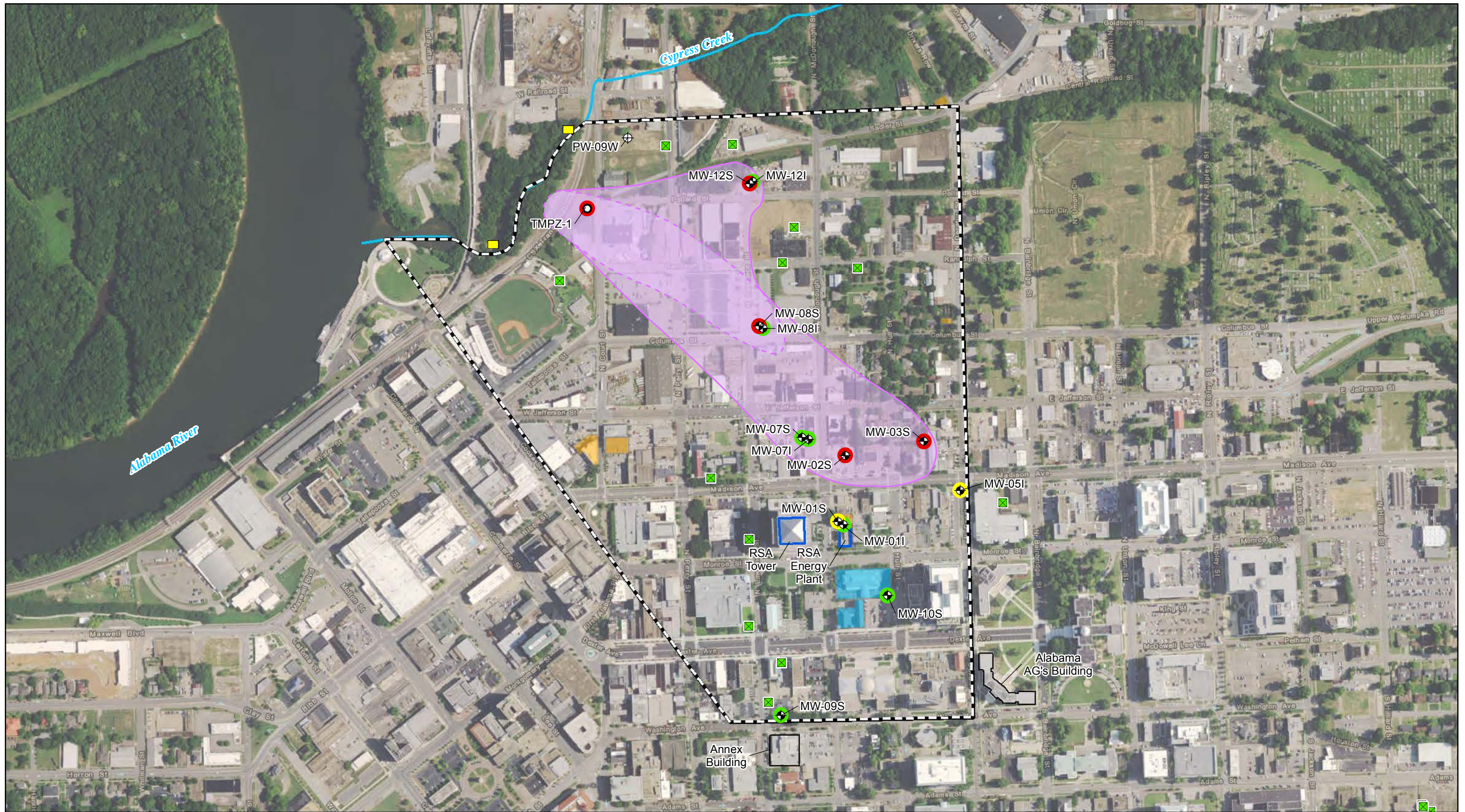
LEGEND

- Site Boundary
- Shallow Monitoring Well
- Intermediate Monitoring Well
- Temporary Piezometer
- PCE Plume
- Approximate Extent of Alabama River Influence
- Sand
- Silt and Clay
- Sandy Gravel
- Groundwater Level
- Flow Direction

- Notes:
1. Not to scale
 2. Below surface elements vertically exaggerated for clarity
 3. Darker purple color indicates commingled plumes
 4. PCE = tetrachloroethene
 5. ft AMSL = feet above mean sea level

Figure 5-1
Conceptual Site Model
Environmental Investigation Report
 Downtown Environmental Assessment Project
 Montgomery, Alabama





LEGEND

- | | | |
|--|--------------------------|--------------------------------------|
| ◆ Monitoring Well | ● Not Detected | ▭ RSA Building |
| ⊕ Former City Water Supply Well | ● Detected, Not Exceeded | ▭ Site Boundary |
| ○ Temporary Piezometer | ● Exceeded | ▭ Approximate Extent of PCE > 5 µg/L |
| ■ Approximate Culvert Location | | ▭ Residential Property |
| ■ Historical Grab Sample Data Used for Plume Delineation | | ▭ School/Daycare Property |

- Notes:
1. AG = Attorney General
 2. PCE = tetrachloroethene
 3. RSA = Retirement Systems of Alabama
 4. µg/L = micrograms per liter

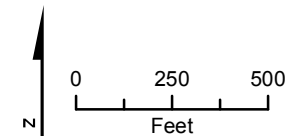


FIGURE 5-2
Extent of PCE Plume
Environmental Investigation Report
Downtown Environmental Assessment Project
Montgomery, AL



Appendix A
Soil Boring Logs and
Well Completion Diagrams



PROJECT NUMBER: 666378.01.HS	BORING NUMBER: TMPZ-1	SHEET 1 OF 3
SOIL BORING LOG		

PROJECT : MGM Deap TMPZ-1 Installation, LOCATION : MGM DEAP

ELEVATION : DRILLING CONTRACTOR : GSE

DRILLING METHOD AND EQUIPMENT : Sonic Rig

WATER LEVELS : --- START : 7/18/2016 END : 7/18/2016 LOGGER : J. Hansen/MGM

DEPTH BELOW GROUND SURFACE (ft)	INTERVAL (ft)			SOIL DESCRIPTION	COMMENTS
	RECOVERY (ft)	#TYPE			
				SILTY SAND (SM) 0.0-1.0' - Dark brown/black, loose, dry, very fine to fine sand with 20% silt grading into mottled orange at 0.5 ft, well graded, 10% organic debris 1.0-7.0' - Soil lost during transfer to sleeve	Hand auger to 1 ft Begin drill at 1440, shut down 1445 at 5.0' depth due to electrical failure, wait till reboot at 1513
				SILTY SAND (SM) 7.0-8.5' - As 0.0-1.0', may be mixed with 1.0-7.0'	
				SANDY SILT (MH) 8.5-10.0' - Mottled orange and gray/black, moist, slightly sticky, 30-40% sand	
				SILTY SAND (SM) 10.0-12.2' - Mottled orange and black, dry, loose, well graded, 5% gravel	
				INTER-LAYERED SANDY CLAY (80%) AND CLAYEY SAND (20%) 12.2-15.6' - Mottled gray and orange, soft, sticky, well graded within layers, very fine to medium grained sand component	
				FAT CLAY (CH) 15.6-20.0' - Gray, soft, moist, sticky, grading to hard at 18.2'	

TMPZ_2: MGM DEAP TMPZ-1 INSTALLATION_LIBRARY.GLB; MGM DEAP TMPZ-1 INSTALLATION_DATABASE.GPJ; : 8/23/16

HTW DRILLING LOG

HOLE NO.
CC-MW-01S

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 7 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION In alley east of AMSOUTH building.		
	Carbon Steel		9. SURFACE ELEVATION 189.62 (NGVD29)		
	Rotasonic Augers		10. DATE STARTED 4-16-00	11. DATE COMPLETED 4-16-00	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 37.25' b/s 5-12-00		
14. TOTAL DEPTH OF HOLE 57.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS N/A	VOC	METALS	OTHERS (SPECIFY)	OTHERS (SPECIFY)	OTHERS (SPECIFY)
	N/A	N/A	N/A	N/A	N/A
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED	MONITORING WELL	OTHERS (SPECIFY)	23. SIGNATURE OF INSPECTOR D. CARTER	
	N/A	CC-MW-01S	N/A		

ELEV. _a	DEPTH _b	DESCRIPTION OF MATERIALS _c	FIELD SCREENING RESULTS _d	GEOTECH SAMPLE OR CORE BOX NO. _e	ANALYTICAL SAMPLE NO. _f	BLOW COUNTS _g	REMARKS _h
189	1	(SP); SAND; tan; poorly graded; fine grained; subangular; moist; some silt.					
188	2		↑ FID= 32 ppm	↑ N/S	↑ N/S	↑ N/A	Advanced boring to 4' with posthole diggers for utility clearance.
187	3						
186	4						
185	5						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-01S

HTW DRILLING LOG

HOLE NO.
CC-MW-01S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 2
OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
184	6	(SP); SAND; tan; poorly graded; fine grained; subangular; moist; some silt.	FID = 32 ppm	N/S	N/S	N/A	
183	7						
182	8						
181	9						
180	10	(CL); Sandy CLAY; mottled gray, tan, and orange; low plasticity; moist; some silt.	FID = 42 ppm	N/S	N/S	N/A	
179	11						
178	12						
177	13						
176	14						



HTW DRILLING LOG

HOLE NO.
CC-MW-01S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 3
OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
175	15	(CL); Sandy CLAY; mottled gray, tan, and orange; low plasticity; moist; some silt.	FID= 42 ppm				
174	16						
173	17		↓				
172	18						
171	19	(SP); SAND; orange; poorly graded; fine grained; subrounded; moist.	FID= 54 ppm	N/S	N/S	N/A	
170	20						
169	21	(CL); Sandy CLAY; mottled gray, tan, and orange; low plasticity; moist; some silt.					
168	22	(SP); SAND; orange; poorly graded; fine grained; subrounded; moist.	FID= 90 ppm				
		Grades tan.					
167	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-01S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 4
OF 7 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; moist.					
166	24						
165	25			FID = 90 ppm			
164	26						
163	27			↓	N/S	N/S	N/A
162	28						
161	29			FID = 15 ppm			
160	30						
159	31						
158	32						

23
24
25
26
27
28
29
30
31
32

HTW DRILLING LOG

HOLE NO.
CC-MW-01S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 5
OF 7 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; moist.					
157	33						
156	34						
155	35		↑ FID= 85 ppm				Centralizer installed. 20 ppm in borehole, breathing zone < 1 ppm. Have used 350 gallons of water. OVA is no longer working.
154	36			N/S	N/S	N/A	
153	37	Grading wet.	↓				Water table approximately 37' bls.
152	38	Some coarse to fine gravel; rounded.					
151	39		↑ FID= 40 ppm				
150	40						
149	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-01S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
O. CARTER

SHEET 6
OF 7 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
148	42	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some coarse to fine rounded gravel.	FID= 40 ppm				
147	43						
146	44			FID= 28 ppm			
145	45				N/S		
144	46					N/S	N/A
143	47						
142	48						
141	49		FID= 10 PPM				
140	50						

HTW DRILLING LOG

HOLE NO.
CC-MW-01S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 7
OF 7 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>	
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some coarse to fine rounded gravel.		↓				
139	51			↓				
138	52			↓				
137	53			↓				
136	54			↓	N/S	N/S	N/A	
135	55			↓	N/S	N/S	N/A	
134	56			↓	N/S	N/S	N/A	
133	57			↓	N/S	N/S	N/A	
132	58							Well point set at 51.96' bls.
131	59							

HTW DRILLING LOG

HOLE NO.
CC-MW-01I
SHEET 1
OF 17 SHEETS

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling				
3. PROJECT Capitol City Plume		4. LOCATION Montgomery, Alabama				
5. NAME OF DRILLER Josh Sigler		6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig				
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION In alley east of AMSOUTH building.			
	Carbon Steel					
	Rotasonic Augers					
12. OVERBURDEN THICKNESS N/A		15. DEPTH GROUNDWATER ENCOUNTERED 37' bls ' BLS during drilling				
13. DEPTH DRILLED INTO ROCK N/A		6. DEPTH TO WATER AND DATE 38.44' bls 5-12-00				
14. TOTAL DEPTH OF HOLE 147.0 ft. BLS		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES	DISTURBED 1	UNDISTURBED 0	19. TOTAL NUMBER OF CORE BOXES N/A			
20. SAMPLES FOR CHEMICAL ANALYSIS	VOC	METALS	OTHERS (SPECIFY)	OTHERS (SPECIFY)	OTHERS (SPECIFY)	21. TOTAL CORE REC. N/A%
	13	14	14 (BNA)	N/A	N/A	
22. DISPOSITION OF HOLE	BACKFILLED	MONITORING WELL	OTHERS (SPECIFY)	23. SIGNATURE OF INSPECTOR D. CARTER		
	N/A	CC-MW-01I	N/A			

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
189	1	(SP); SAND; tan; poorly graded; fine grained; subangular; moist; some silt.					Advanced boring to 4' with posthole diggers for utility clearance.
188	2		FID < 1 ppm	N/S	N/S	N/A	
187	3						
186	4						
185	5						

HTW DRILLING LOG

HOLE NO.
CC-MW-011

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 2
OF 17 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
184	6	(SP); SAND; tan; poorly graded; fine grained; subangular; moist; some silt.	FID < 1 ppm		N/S		
183	7		↓		↓		
182	8		FID = 20 ppm		CC-MW-011 (8-8)		
181	9	(CL); Sandy CLAY; mottled gray, tan, and orange; low plasticity; moist; some silt.	↓	N/S	↓	N/A	
180	10		↓		↓		
179	11		FID = 6 ppm		N/S		
178	12		↓				
177	13						
176	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-011

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 3
OF 17 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
175	15	(CL); Sandy CLAY; mottled gray, tan, and orange; low plasticity; moist; some silt.	FID= 6 ppm				
174	16						
173	17						
172	18	(SP); SAND; orange; poorly graded; fine grained; subrounded; moist.	FID= 42 ppm	N/S	N/S	N/A	
171	19						
170	20	(CL); Sandy CLAY; mottled gray, tan, and orange; low plasticity; moist; some silt.	FID= 44 ppm				
169	21						
168	22	(SP); SAND; orange; poorly graded; fine grained; subrounded; moist.					
		Grades tan.					
167	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 4
OF 17 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; moist.					
166	24				N/S		
165	25		FID= 44 ppm		CC-MW-01I (25-26)		
164	26						
163	27			N/S		N/A	
162	28						
161	29		FID= 20 ppm		N/S		
160	30						
159	31				CC-MW-01I (31-32)		
158	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 5
OF 17 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
157	33	(SP); SAND; tan; poorly graded; fine grained; subrounded; moist.					
156	34		FID= 20 ppm				
155	35						Centralizer installed.
154	36						
153	37	Grading wet. Some coarse to fine gravel; rounded.		N/S	N/S	N/A	20 ppm in borehole, breathing zone < 1 ppm. Have used 350 gallons of water. OVA is no longer working.
152	38						
151	39		FID= 28 ppm				
150	40						
149	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 8
OF 17 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some coarse to fine rounded gravel.			↑ CC-MW-01I (41-42) ↓		
148	42						
147	43						
146	44			FID= 28 ppm			
145	45				N/S		
144	46				N/S		
143	47						
142	48			FID= 22 ppm			
141	49						Damp from 49.0' to 51.0' b/s perched water table.
140	50						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-01I

HTW DRILLING LOG

HOLE NO.
CC-MW-011

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 7
OF 17 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some coarse to fine rounded gravel.					
139	51						
138	52						
137	53				N/S		
136	54		FID= 22 ppm				
135	55			N/S		N/A	
134	56	Some silt.			CC-MW-011 (55-56)		
133	57						
132	58		FID= 12 ppm		N/S		
131	59						

HTW DRILLING LOG

HOLE NO.
CC-MW-011

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 8
OF 17 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>	
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt.						
130	60			FID = 12 ppm		N/S		59
129	61					CC-MW-011 (61-62)		60
128	62							61
127	63				N/S		N/A	62
126	64			FID = 16 ppm				63
125	65					N/S		64
124	66							65
123	67			FID = 90 ppm				66
122	68							67
							Centralizer installed.	68

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 9
OF 17 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h	
121	69	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt.						
120	70		FID= 90 ppm		N/S			
119	71				N/S			
118	72			FID= 72 ppm	N/S	CC-MW-01I (71-72)	N/A	
117	73							
116	74							
115	75					N/S		
114	76							
113	77							

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 10
OF 17 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt.					
112	78						
111	79						
110	80			↑ FID = 56 ppm		N/S	
109	81				N/S		
108	82			↓			
107	83					↓ CC-MW-01I (83-84)	
106	84			FID = 40 ppm			
105	85					N/S	
104	86						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-01I

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 11
OF 17 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
103	87	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt.	FID = 40 ppm ↓				
102	88				N/S		
101	89				N/S		
100	90			N/S		N/A	
99	91				CC-MW-01I (91-92) ↓		
98	92				N/S		
97	93						
96	94				N/S		
95	95						

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 12
OF 17 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
							Centralizer installed. 95
94	96	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt. Stringers of clay and silt.					96
93	97						97
92	98				N/S		98
91	99		FID = 12 ppm	N/S		N/A	99
90	100						100
89	101				CC-MW-01I (101-102)		101
88	102						102
87	103		FID = 12 ppm		N/S		103
86	104						104

HTW DRILLING LOG

HOLE NO.
CC-MW-011

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 13
OF 17 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
85	105	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt.	FID = 12 ppm				
84	106						
83	107						
82	108				N/S	N/S	N/A
81	109			FID = 42 ppm			
80	110						
79	111						
78	112		FID = 22 ppm				
77	113						

HTW DRILLING LOG

HOLE NO.
CC-MW-011

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 14
OF 17 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
76	114	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt.	FID = 22 ppm	N/S	N/S	N/A	Centralizer installed.
75	115						
74	116						
73	117						
72	118						
71	119						
70	120						
69	121	Geotech sample taken from 121.0' to 123.0' bls.	FID = >1000 ppm	N/S	N/S	N/A	
68	122						

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME

Black & Veatch Special Projects, Corp.

2. INSPECTOR

D. CARTER

SHEET 15

OF 17 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>		
67	123	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt.	↑ FID= 180 ppm		↑ CC-MW-01I (122-123)				
66	124								
65	125								
64	126								
63	127							↓ N/S	Water table approx. 127.0', used 1,000 gallons of water.
62	128								
61	129							↓ FID= 48 ppm	Well point set at 128.10' bls.
60	130								
59	131								

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 18
OF 17 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; some silt.	FID = 48 ppm		CC-MW-01I (131-132)		
58	132		FID = 48 ppm		N/S	N/A	
57	133						
56	134						
55	135						
54	136						
53	137						
52	138		FID = 15 ppm	CC-MW-01I (138-139)			
51	139			N/S			
50	140						

HTW DRILLING LOG

HOLE NO.
CC-MW-01I

1. COMPANY NAME

Black & Veatch Special Projects, Corp.

2. INSPECTOR

D. CARTER

SHEET 17

OF 17 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(ML); SILT; gray; low plasticity; moist.					
49	141		FID= 15 ppm		CC-MW-01I (140-141)		
48	142		FID= 0 ppm	N/S	N/S	N/A	
47	143						
46	144						
45	145						
44	146						
43	147						
42	148						
41	149						

HTW DRILLING LOG

HOLE NO.
CC-MW-4S

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 10 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION City Park on S. Perry St.		
	Carbon Steel		9. SURFACE ELEVATION 179.06 (NGVD29)		
	Rotasonic Augers		10. DATE STARTED 3-17-00	11. DATE COMPLETED 3-18-00	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE N/A		
14. TOTAL DEPTH OF HOLE 79.49 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS N/A	VOC N/A	METALS N/A	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A
	21. TOTAL CORE REC. N/A%				
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED	MONITORING WELL	OTHERS (SPECIFY)	23. SIGNATURE OF INSPECTOR K. King	
	N/A	CC-MW-6S	N/A		

ELEV. _a	DEPTH _b	DESCRIPTION OF MATERIALS _c	FIELD SCREENING RESULTS _d	GEOTECH SAMPLE OR CORE BOX NO. _e	ANALYTICAL SAMPLE NO. _f	BLOW COUNTS _g	REMARKS _h
178	1						Advanced boring to 4' with posthole digger for utility clearance.
177	2		FID= 0 ppm	N/S	N/S	N/A	
176	3						
175	4	(CL); CLAY; brown-gray; mottled with red; very stiff; low plasticity; moist.					
174	5						

kk/cee/CORPS-A/2-28-92

HTW DRILLING LOG

HOLE NO.
CC-MW-4S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 2
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
173	6	(CL); CLAY; brown-gray; mottled with red; very stiff; low plasticity; moist.					
172	7						
171	8	Grading to silty clay; dry.					
170	9						
169	10	Grading to silty sand; orange; loose; poorly graded; fine grained; subangular.	FID= 0 ppm	N/S	N/S	N/A	
168	11						
167	12	Grading to silty clay; brown mottled.					
166	13	Grading to silty sand; orange-brown.					
165	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-4S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 3
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; orange-brown; loose; poorly sorted; fine grained; subangular; dry.					
164	15						
163	16						
162	17						
161	18						
160	19		FID= 0 ppm	N/S	N/S	N/A	
159	20						
158	21						
157	22						
156	23						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-4S

HTW DRILLING LOG

HOLE NO.
CC-MW-4S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 4
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; orange-brown; loose; poorly graded; fine grained; subangular; dry.	↑				
155	24	Thin layer of pebbles (approx. 1" thick).	FID= 100 ppm				
154	25	Silty clay layer (approx. 1-2" thick). Grading to sand.	↓				
153	26		FID= 0 ppm				Centralizer installed.
152	27	Grading moist.	↓	N/S	N/S	N/A	
151	28	Grading wet.	↓				
150	29		FID= 100 ppm				
149	30	Grading to some clay nodules.	↓				
148	31		FID= 120 ppm				
147	32		↓				



HTW DRILLING LOG

HOLE NO.
CC-MW-4S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 5
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; brown; poorly graded; fine grained; subangular; moist.					
146	33		↑	↓			
			FID= 100 ppm	N/S			
145	34		↑	↓			
			FID= 100 ppm	CC-MW-4S (33-35)			
144	35		↑	↓			
			FID= 100 ppm	CC-MW-4S (33-35)			
143	36		↑	↓	N/S	N/A	
			FID= 100 ppm	N/S			
142	37	Some clay stringers.	↑	↓			
			FID= 0 ppm	N/S			
141	38		↑	↓			
			FID= 0 ppm	N/S			
140	39		↑	↓			
			FID= 0 ppm	N/S			
139	40		↑	↓			
			FID= 0 ppm	N/S			
138	41		↑	↓			Well point set at 38.75' bls.

HTW DRILLING LOG

HOLE NO. **CC-MW-4I**
SHEET 1
OF 16 SHEETS

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling				
3. PROJECT Capitol City Plume		4. LOCATION Montgomery, Alabama				
5. NAME OF DRILLER Josh Sigler		8. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig				
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION Corner of Perry and Monroe St.			
	Carbon Steel					
	Rotasonic Augers		9. SURFACE ELEVATION 179.08 (NGVD29)			
12. OVERBURDEN THICKNESS N/A		15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling				
13. DEPTH DRILLED INTO ROCK N/A		6. DEPTH TO WATER AND DATE 31.58' bls 5-12-00				
14. TOTAL DEPTH OF HOLE 139.96 ft. BLS		17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A				
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A			
20. SAMPLES FOR CHEMICAL ANALYSIS 2	VOC 2	METALS 2	OTHERS (SPECIFY) 2 (BNA)	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A	21. TOTAL CORE REC. N/A%
	22. DISPOSITION OF HOLE Monitoring Well		BACKFILLED N/A	MONITORING WELL CC-MW-4I	OTHERS (SPECIFY) N/A	

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
178	1						Advanced boring to 4' with posthole diggers for utility clearance.
177	2		↑	↑	↑	↑	
176	3		FID= 0 ppm	N/S	N/S	N/A	
175	4	(CL); CLAY; brown to grey; stiff; low plasticity; moist.	↑	↑	↑	↑	
174	5						

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 2
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
173	6	(CL); CLAY; brown to grey; stiff; low plasticity; moist.					
172	7						
171	8						
170	9	(CL) Silty CLAY; brownish grey; low plasticity; dry.					
169	10	(SP); Silty SAND; red to brown; poorly graded; fine grained; angular; trace clay; dry.	FID= 0 ppm	N/S	N/S	N/A	
168	11	Grading to light red to brown.					
167	12						
166	13						
165	14	Grading to dark red to brown.					

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 3
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
164	15	(SP); Silty SAND; dark red to brown; poorly graded; fine grained; angular; trace clay; dry. Grading to light red to brown to orange.					
163	16	(SP); SAND; orange brown; poorly graded; fine grained; subangular; dry.					
162	17						
161	18						
160	19		FID= 0 ppm	N/S	N/S	N/A	
159	20						
158	21						
157	22						
156	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-41

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 4
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; orange brown; poorly graded; fine grained; subangular; dry. Grading to silty clay layer 1" to 2" thick.	FID= 0 ppm				
155	24	Grading to clay layer.	FID= 19 ppm		N/S		
154	25	(SP); SAND; light brown; poorly graded; fine grained; subangular; dry.	FID= 45 ppm		CC-MW-041 (25-26)		
153	26	Grading to some clay stringers 1" to 2" thick.	FID= 130 ppm	N/S		N/A	
152	27						
151	28						
150	29	Grading to wet.			N/S		
149	30						Centralizer installed.
148	31						
147	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 5
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
146	33	(SP); SAND; light brown; poorly graded; fine grained; subangular; wet; some clay stringers.	FID= 130 ppm				
145	34						
144	35	Grading to clay layer (approx. 2-4" thick).	↓				
143	36			N/S	N/S	N/A	
142	37						
141	38		FID= 78 ppm				
140	39						
139	40						
138	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 8
OF 18 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; dark brown; poorly graded; fine grained; subangular; wet.	↑				
137	42						
136	43			FID = 16 ppm			
135	44						
134	45			↓	N/S	N/S	N/A
133	46			FID = 30 ppm			
132	47			↓			
131	48			FID = 52 ppm			
130	49						
129	50						

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 7
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; light brown; poorly graded; fine grained; subangular.					
128	51		FID= 52 ppm				
127	52		FID= 15 ppm				
126	53						
125	54			N/S	N/S	N/A	
124	55		FID= 20 ppm				
123	56						
122	57						
121	58		FID= 56 ppm				
120	59						

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 8
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
119	60	(SP); SAND; light brown; poorly graded; fine grained; subangular. Grading to alternating brown to red-brown layers.	FID= 66 ppm				Centralizer installed.
118	61		FID= 6 ppm				
117	62	Grades to mottled brown, gray, and red; moist.	FID= 40 ppm	N/S	N/S	N/A	
116	63						
115	64		FID= 54 ppm				
114	65						
113	66						
112	67						
111	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-41

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 9
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; brown to red; poorly graded; fine grained; subangular.					
110	69		FID= 54 ppm				
109	70						
108	71		FID= 10 ppm	N/S	N/S	N/A	
107	72						
106	73		FID= 36 ppm				
105	74						
104	75						
103	76						
102	77						

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 10
OF 18 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; brown to red; poorly graded; fine grained; subangular.	↑				
101	78		FID = 35 ppm				
100	79						
99	80			↓			
98	81			FID = 18 ppm	N/S	N/S	N/A
97	82						
96	83						
95	84			↓			
94	85			FID = 8 ppm			
93	86						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-4I

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 11
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
92	87	(SP); SAND; brown to red; poorly graded; fine grained; subangular.	FID= 8 ppm				
91	88		FID= 100 ppm				
90	89						
89	90			N/S	N/S	N/A	
88	91						
87	92						
86	93	Grading to clay lense approx. 1' thick.	FID= 10 ppm				
85	94	Grading to orange to brown; wet.					
84	95						

HTW DRILLING LOG

HOLE NO.
CC-MW-41

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 12
OF 18 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; orange-brown; poorly graded; fine grained; subangular; wet.					
83	96	Grading to orange to brown to grey.	FID = 10 ppm				
82	97		FID = 12 ppm	N/S	N/S	N/A	
81	98						
80	99						
79	100						
78	101		FID = 22 ppm				
77	102						
76	103						
75	104						

HTW DRILLING LOG

HOLE NO. CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 13
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; orange to brown to grey; poorly graded; fine grained; subangular; wet.					
74	105		↑ FID= 45 ppm				
73	106		↑ FID= 48 ppm	N/S	N/S	N/A	
72	107		↑ FID= 110 ppm				
71	108						
70	109						
69	110						
68	111						
67	112						
66	113						

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 10 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT		4" x 6" Rotasonic system		8. HOLE LOCATION Parking lot at Hester's Automotive.	
		Carbon Steel			
		Rotasonic Augers		9. SURFACE ELEVATION 224.59 (NGVD29)	
				10. DATE STARTED 3-17-00	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 68.79" bls 5-12-00		
14. TOTAL DEPTH OF HOLE 81.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		

18. GEOTECHNICAL SAMPLES 1		DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS 2		VOC 2	METALS 2	OTHERS (SPECIFY) 2 (BNA)	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A
		21. TOTAL CORE REC. N/A%				
22. DISPOSITION OF HOLE Monitoring Well		BACKFILLED N/A	MONITORING WELL CC-MW-6S	OTHERS (SPECIFY) N/A	23. SIGNATURE OF INSPECTOR K. King	

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
224	1						Advanced boring to 4' with posthole diggers for utility clearance.
223	2						
222	3		FID= 0 ppm	N/S	N/S	N/A	
221	4	(SP); SAND; brown; poorly graded; fine grained; subangular; moist.					
220	5						

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 2
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
219	6	(SP); SAND; brown; poorly graded; fine grained; subangular; moist.					
218	7						
217	8						
216	9						
215	10		FID= 0 ppm	N/S	N/S	N/A	
214	11						
213	12						
212	13	Grading to trace clay.					
211	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 3
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; brown; poorly graded; fine grained; subangular; moist; trace clay.					
210	15						
209	16						
208	17		FID= 0 ppm				Centralizer installed.
207	18						
206	19			N/S	N/S	N/A	
205	20		X				
204	21		FID= 38 ppm				
203	22						
202	23						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-6S

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 4
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; brown; poorly graded; fine grained; subangular; moist; trace clay.					
201	24		FID= 38 ppm		N/S		
200	25				SAMPLE		
199	26						
198	27			N/S		N/A	
197	28						
196	29		FID= 82 ppm		N/S		
195	30						
194	31						
193	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 14
OF 18 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
65	114	(SP); SAND; orange to brown to grey; poorly graded; fine grained; subangular; wet.	↑	N/S			
64	115		FID = 100 ppm	↓	CC-MW-04I (115-116)		
63	116		↓	↓			
62	117		↓	↓		N/S	N/A
61	118		↓	FID = 105 ppm			
60	119		↓	↓	N/S		
59	120		↓	↓			
58	121	↓	FID = 0 ppm				
57	122	↓	↓				

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-4I

HTW DRILLING LOG

HOLE NO.
CC-MW-41

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 15
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; orange to brown to grey; poorly graded; fine grained; subangular; wet.					
56	123		FID= 0 ppm				
55	124						
54	125		X				
53	126			N/S	N/S	N/A	
52	127						
51	128		FID= 1 ppm				
50	129						
49	130						
48	131						

HTW DRILLING LOG

HOLE NO.
CC-MW-4I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 16
OF 16 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; orange to brown to grey; poorly graded; fine grained; subangular; wet.					
47	132						
46	133						
45	134				N/S		
44	135		FID= 1 ppm	N/S		N/A	
43	136						
42	137	(CL); CLAY; grey; stiff; low plasticity; moist.			CC-MW-04I (137-138)		
41	138						
40	139				N/S		
39	140						Well point set at 136.96' bis.

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-4I

HTW DRILLING LOG

HOLE NO. **CC-MW-5I**

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling			SHEET 1 OF 19 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama			
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION Comala Credit Union; N. Decatur St.			
	Carbon Steel		9. SURFACE ELEVATION 211.23 (NGVD29)			
	Rotasonic Augers		10. DATE STARTED 4-03-00			
			11. DATE COMPLETED 4-04-00			
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling			
13. DEPTH DRILLED INTO ROCK N/A			6. DEPTH TO WATER AND DATE 57.19' bls 5-12-00			
14. TOTAL DEPTH OF HOLE 161.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A			
20. SAMPLES FOR CHEMICAL ANALYSIS 7	VOC 7	METALS 7	OTHERS (SPECIFY) 7 (BNA)	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A	
	21. TOTAL CORE REC. N/A%					
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED N/A	MONITORING WELL CC-MW-5I	OTHERS (SPECIFY) N/A	23. SIGNATURE OF INSPECTOR K. King		

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
210	1						Advanced boring to 4' with posthole digger for utility clearance.
209	2		N/S	N/S	N/S	N/A	
208	3		N/S	N/S	N/S	N/A	
207	4	(SP); SAND; dark brown; poorly graded; fine grained; subangular; probable fill dirt.					
206	5						

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 2
OF 19 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; brown; poorly graded; fine grained; subangular.	N/S				
205	6		FID= 8 ppm		N/S		
204	7		FID= 10 ppm				
203	8						
202	9		FID= 26 ppm	N/S	CC-SB-5I (8-10)	N/A	
201	10	Grading to some silt.					
200	11						
199	12		FID= 44 ppm		N/S		
198	13						
197	14						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-5I

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 3
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
196	15	(SP); SAND; brown; poorly graded; fine grained; subangular; moist; some silt.	FID = 44 ppm				
195	16	(SP); Clayey SAND; brown; poorly graded; fine grained; dry; with some clay stringers.	FID = 28 ppm				
194	17						
193	18			N/S	N/S	N/A	
192	19						
191	20		FID = 0 ppm				
190	21						
189	22		FID = 22 ppm				
188	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 4
OF 18 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
187	24	(SP); Clayey SAND; brown; poorly graded; fine grained; dry; with some clay stringers.			N/S		
186	25	Grading to some organics.			CC-SB-5I (24-26)		
185	26		FID= 22 ppm				
184	27			N/S	N/S	N/A	
183	28				CC-SB-5I (28-30)		
182	29						
181	30		FID= 25 ppm		N/S		
180	31						
179	32						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-5I

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 5
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
178	33	(CL); Sandy CLAY; grey; high plasticity; moist.	↑				
177	34		FID= 2 ppm				
176	35						
175	36		↓	N/S	N/S	N/A	
174	37		↑				
173	38		FID= 0 ppm				
172	39						
171	40		↓				
170	41		FID= 0 ppm				

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 6
OF 18 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(CL); Sandy CLAY; grey; high plasticity; moist.					
169	42						
168	43				N/S		
167	44		FID= 0 ppm				
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; moist; with clay stringers.					
166	45			N/S		N/A	
165	46				CC-SB-5I (45-47)		
164	47		FID= 21 ppm				
163	48				N/S		
162	49		FID= 0 ppm				
161	50						

HTW DRILLING LOG

HOLE NO.
CC-MW-51

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 7
OF 19 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; moist; with clay stringers.					
160	51						
159	52		FID= 0 ppm		N/S		
158	53						
157	54			N/S		N/A	
156	55	Grading to dark; some organics approx. 8" thick.					
155	56	Grading to pebble layer approx. 3" thick.	FID= 52 ppm		CC-SB-51 (55-57)		
154	57						
153	58		FID= 24 ppm		N/S		
152	59						

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 8
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; moist; with clay stringers.					
151	60	Grading to gravel layer (approx. 6" thick).	↑ FID = 34 ppm		↑ CC-SB-5I (59-61)		
150	61		↓		↓		
149	62		↓				
148	63		↓ FID = 10 ppm	N/S		N/A	
147	64		↓		N/S		
146	65		↓				
145	66		↓ FID = 20 ppm				
144	67	Grading to sand; gray; trace clay.					
143	68		↓				

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 9
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; moist; with some clay stringers.					
142	69						
141	70						
140	71				N/S		
139	72		FID = 7 ppm				
138	73			N/S		N/A	
137	74						
136	75				CC-SB-5I (74-76)		
135	76		FID = 23 ppm		N/S		
134	77						

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 10
OF 19 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; dry; with some clay stringers.	FID= 23 ppm		N/S		
133	78						
132	79				CC-SB-5I (78-80)		
131	80			FID= 80 ppm			
130	81				N/S		N/A
129	82						
128	83					N/S	
127	84		FID= 60 ppm				
126	85						
125	86						

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET II
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
124	87	(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; dry; with some clay stringers.	↑ FID= 20 ppm				
123	88						
122	89	Grading to dark brown; possible organics (approx. 1" thick).	↓				
121	90	Grading to dark brown; possible organics (approx. 1" thick).	↑ FID= 18 ppm	N/S	N/S	N/A	
120	91						
119	92						
118	93						
117	94		↓ FID= 20 ppm				
116	95						

HTW DRILLING LOG

HOLE NO.
CC-MW-51

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 12
OF 19 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; wet.					
115	96			FID = 20 ppm		CC-SB-51 (95-97)	
114	97			FID = 50 ppm			
113	98						
112	99				N/S		N/A
111	100			FID = 1 ppm		N/S	
110	101						
109	102			FID = 20 ppm			
108	103						
107	104						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-51

HTW DRILLING LOG

HOLE NO. **CC-MW-5I**

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 13
OF 19 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP) Clayey SAND; brown to grey; poorly graded; fine grained; subangular; wet.					
106	105			FID= 20 ppm		N/S	
105	106				CC-SB-5I (105-107)		
104	107				N/S		
103	108				N/S		
102	109			FID= 150 ppm		CC-SB-5I (109-111)	
100	111				N/S		
99	112					N/S	
98	113						
							N/A

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 14
OF 19 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; wet.	↑				
97	114		FID= 26 ppm				
96	115		↑				
95	116		FID= 1.6 ppm				
94	117		↑		N/S	N/S	N/A
93	118		↑				
92	119		FID= 16 ppm				
91	120		↑				
90	121		FID= 8.3 ppm				
89	122						

HTW DRILLING LOG

HOLE NO. CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 15
OF 19 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h	
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; wet.						
88	123			FID= 8.3 ppm				
87	124			FID= 24 ppm		N/S		
86	125			FID= 45 ppm	N/S		N/A	
85	126			FID= 52 ppm				
84	127			FID= 220 ppm		CC-SB-5I (129-131)		
83	128							
82	129							
81	130							
80	131							

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 18
OF 19 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; wet.	↑				131
79	132		FID = 600 ppm				132
78	133		↑				133
77	134		FID = 18 ppm				134
76	135		↑	N/S	N/S	N/A	135
75	136		FID = 66 ppm				136
74	137		↑				137
73	138	FID = 0 ppm				138	
72	139					139	
71	140					140	

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-5I

HTW DRILLING LOG

HOLE NO.
CC-MW-5I
SHEET 17
OF 19 SHEETS

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; wet.					
70	141		FID= 0 ppm		N/S		
69	142				CC-SB-5I (142-144)		
68	143						
67	144						
66	145		FID= 4.5 ppm	N/S		N/A	
65	146				N/S		
64	147						Battery dead on OVA.
63	148						
62	149						

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 18
OF 18 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; wet.	↑				
61	150						
60	151						
59	152					N/S	
58	153			N/S	N/S		N/A
57	154						
56	155					↕ CC-98-5I (155-157)	
55	156						
54	157					↕ N/S	
53	158						

HTW DRILLING LOG

HOLE NO.
CC-MW-5I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 18
OF 19 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
52	159	(SP); Clayey SAND; brown to grey; poorly graded; fine grained; subangular; wet.		N/S	N/S		
51	160						
50	161						
49	162	(CL); CLAY; light to dark grey; low plasticity; stiff; mottled; brittle; dry.	N/S	CC-MW-5I (160-162)	CC-MW-5I (160-162)	N/A	
48	163						
47	164						
46	165						
45	166			N/S	N/S		
44	167						

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 5
OF 10 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; brown; poorly graded; fine grained; subangular; moist; trace clay.					
192	33		FID= 82 ppm				
191	34						
190	35		*				
189	36	Grading to light brown.		N/S	N/S	N/A	
188	37	Grading to alternating brown to grey; some clay stringers.					
187	38		FID= 20 ppm				
186	39						
185	40						
184	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 6
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
183	42	(SP); SAND; light brown and gray; poorly graded; subangular; some clay stringers.	FID= 20 ppm				
182	43						
181	44						
180	45						
179	46		FID= 0 ppm	N/S	N/S	N/A	
178	47	(CL); Silty CLAY; greyish brown; stiff; high plasticity; moist.					Centralizer installed.
177	48						
176	49						
175	50						

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 7
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(CL); Silty CLAY; grey to brown; stiff; high plasticity; moist.					
174	51						
173	52						
172	53						
171	54						
170	55	Grading to silt with some clay; grey; nonplastic; moist.	FID= 0 ppm	N/S	N/S	N/A	
169	56	(SP); SAND; reddish brown; poorly graded; fine grained; moist; ferrous hard-pan layer approx. 1" to 2" thick.					
168	57						
167	58	Grading to clay lense; grey; high plasticity; approx. 0.2" thick.					
166	59						

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 8
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
165	60	(ML); SILT; grey to brown; clay stringers; moist.					
164	61		FID= 0 ppm				
163	62				N/S		
162	63			N/S		N/A	
161	64	(SP); SAND; brown; poorly graded; subangular; some clay stringers; moist.					
160	65	Grading to silt; gray; dry.	FID= 23 ppm		SAMPLE		
159	66	(SP); SAND; brown; poorly graded; subangular; wet.					
158	67		FID= 21 ppm		N/S		Centralizer installed.
157	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 9
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; brown; poorly graded; subangular; wet; some silt.					
156	69		FID= 21 ppm				
155	70		FID= 15 ppm	N/S	N/S	N/A	
154	71						
153	72						
152	73						
151	74		FID= 70 ppm				
150	75						
149	76						
148	77						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-6S

HTW DRILLING LOG

HOLE NO.
CC-MW-6S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 10
OF 10 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; alternating brown and gray; poorly graded; subangular; wet; some silt.	↑	↑			
147	78	(SP); Silty SAND; grey to brown; poorly graded; fine grained; subangular; moist.	↓	↓			
146	79		↓	N/S	N/S	N/A	
145	80		↓	N/S			
144	81		↓	↓			
143	82						Well point set at 79.49' bls. Bottom of boring at 81.0' bls.
142	83						
141	84						
140	85						
139	86						

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 12 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION N. Lawrence St. behind print shop.		
	Carbon Steel		9. SURFACE ELEVATION 179.91 (NGVD29)		
	Rotasonic Augers		10. DATE STARTED 3-31-00	11. DATE COMPLETED 4-01-00	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 34.12' bls 5-12-00		
14. TOTAL DEPTH OF HOLE 97.00 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS N/A	VOC	METALS	OTHERS (SPECIFY)	OTHERS (SPECIFY)	OTHERS (SPECIFY)
	N/A	N/A	N/A	N/A	N/A
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED	MONITORING WELL	OTHERS (SPECIFY)	23. SIGNATURE OF INSPECTOR	
	N/A	CC-MW-7S	N/A	K. King	

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
179	1	(CL); Sandy CLAY; brown to grey; low plasticity; stiff.	↑	↑	↑	↑	Advanced boring to 4' with posthole diggers for utility clearance.
178	2		N/S	N/S	N/S	N/A	
177	3		N/S	N/S	N/S	N/A	
176	4		N/S	N/S	N/S	N/A	
175	5		N/S	N/S	N/S	N/A	

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 2
OF 12 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
174	6	(CL); Sandy CLAY; brown to grey; low plasticity; stiff.					
173	7						
172	8	Grading to clay.					
171	9						
170	10	Grading to sandy clay.	N/S	N/S	N/S	N/A	
169	11	(SP); SAND; light grey; poorly graded; fine grained; some clay stringers; dry.					
168	12						
167	13						
166	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 3
OF 12 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
165	15	(SP); SAND; light grey; poorly graded; fine grained; some clay stringers; dry.	N/S				
164	16	(CL); Sandy CLAY; brown; low plasticity; stiff; some clay stringers; moist.					
163	17						
162	18		FID= <1 ppm				
161	19	(SP); SAND; brown; poorly graded; fine grained; moist.		N/S	N/S	N/A	
160	20						
159	21						
158	22	(CL); Sandy CLAY; brown; low plasticity; moist.	FID= 65 ppm				
157	23						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-7S

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 4
OF 12 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(CL); Sandy CLAY; brown; low plasticity; moist.					
156	24	(SP); SAND; light brown to red; poorly graded; fine grained; some clay stringers.	FID = 65 ppm				
155	25						
154	26		↓				
153	27			N/S	N/S	N/A	
152	28		FID = 26 ppm				
151	29						
150	30						
149	31	Predominant clay stringers approx. 1' thick.	FID = 29 ppm				
148	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 5
OF 12 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; light brown to red; poorly graded; fine grained; some clay stringers.					
147	33						
146	34						
145	35		FID= 29 ppm				
144	36			N/S	N/S	N/A	Centralizer installed.
143	37		FID= 9.2 ppm				
142	38		FID= 12 ppm				
141	39						
140	40						
139	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 6
OF 12 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h	
		(SP); SAND; light brown to red; poorly graded; fine grained; some clay stringers.					Sample is wet - may be from rig water.	
138	42							
137	43			FID = 12 ppm				
136	44							
135	45							
134	46			FID = 22 ppm	N/S	N/S		N/A
133	47							
132	48							
131	49		FID = 0 ppm					
130	50							

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 7
OF 12 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; light brown to red; poorly graded; fine grained; some clay stringers.					
129	51						
128	52						
127	53						
126	54		FID = 0 ppm				
125	55			N/S	N/S	N/A	
124	56						
123	57						
122	58	Grading to clay layer (approx. 4" thick).	FID = 1 ppm				
121	59						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-7S

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 8
OF 12 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; light brown to red; poorly graded; fine grained; some clay stringers.					
120	60	Grading to orange to brown	FID= 1 ppm				
119	61		↓				
118	62						
117	63		FID= 200 ppm				
116	64			N/S	N/S	N/A	
115	65		↓				
114	66		FID= 40 ppm				Centralizer installed.
113	67	Grading to grey to brown.					
112	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 9
OF 12 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; brown to grey; poorly graded; fine grained; with some clay.					
111	69		FID= 40 ppm				
110	70		X				
109	71						
108	72						
107	73			N/S	N/S	N/A	
106	74		FID= <1 ppm				
105	75						
104	76						
103	77						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-7S

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 10
OF 12 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; brown to grey; poorly graded; fine grained; with some clay.					
102	78						
101	79						
100	80						
99	81		FID= <1 ppm	N/S	N/S	N/A	
98	82						
97	83						
96	84						
95	85			CC-SB-7S (85-87) ↓			
94	86						

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 11
OF 12 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
93	87	(SP); SAND; brown to grey; poorly graded; fine grained; with some clay.	FID= <1 ppm	CC-SB-7S (85-87)	N/S	N/A	
92	88						
91	89						
90	90						
89	91						
88	92						
87	93						
86	94						
85	95						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-7S

HTW DRILLING LOG

HOLE NO.
CC-MW-7S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 12
OF 12 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
84	96	(SP); SAND; brown to grey; poorly graded; fine grained; with some clay.	FID = <1 ppm	N/S	N/S	N/A	
83	97						Centralizer installed.
82	98						Well point set at 96.97' bls. Bottom of boring at 97' bls.
81	99						
80	100						
79	101						
78	102						
77	103						
76	104						

HTW DRILLING LOG

HOLE NO.
CC-MW-71

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 15 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION N. Lawrence St. behind the Print Shop.		
	Carbon Steel		9. SURFACE ELEVATION 179.90 (NGVD29)		
	Rotasonic Augers		10. DATE STARTED 4-01-00	11. DATE COMPLETED 4-02-00	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 34.01' bls 5-12-00		
14. TOTAL DEPTH OF HOLE 130.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS 2	VOC 2	METALS 2	OTHERS (SPECIFY) 2 (BNA)	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A
	21. TOTAL CORE REC. N/A%				
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED N/A	MONITORING WELL CC-MW-71	OTHERS (SPECIFY) N/A	23. SIGNATURE OF INSPECTOR K. King	

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
179	1	(CL); Sandy CLAY; brown to grey; low plasticity; stiff.	↑	↑	↑	↑	Advanced boring to 4' with posthole digger for utility clearance.
178	2		↑	↑	↑	↑	
177	3		↑	↑	↑	↑	
176	4		↑	↑	↑	↑	
175	5		↑	↑	↑	↑	

HTW DRILLING LOG

HOLE NO. CC-MW-71

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 2
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
174	6	(CL); Sandy CLAY; brown to grey; low plasticity; stiff.	FID= N/S				
173	7						
172	8	(CL); CLAY; brown to grey; stiff; low plasticity; stiff.	↓	N/S	N/S	N/A	
171	9						
170	10	Grading to sandy.					
169	11	(SP); SAND; light grey; poorly graded; fine grained; dry; with some clay stringers.	FID= 1 ppm				
168	12						
167	13						
166	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-7I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 3
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
165	15	(SP); SAND; light grey; poorly graded; fine grained; dry; with some clay stringers.	FID= 1 ppm				
164	16						
163	17	(CL); CLAY; green to brown; low plasticity; moist.	FID= 20 ppm				Temporary override casing installed to 17' bis to avoid borehole washout.
162	18			N/S	N/S	N/A	
161	19						
160	20	(SP); SAND; brown to grey; poorly graded; fine grained; dry.	FID= <1 ppm				
159	21						
158	22						
157	23						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-7I

HTW DRILLING LOG

HOLE NO.
CC-MW-7I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 4
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; brown to grey; poorly graded; fine grained; dry.					
156	24						
155	25						
154	26						
153	27						
152	28	Grading to alternating bands of orange to brown; subangular; with clay stringers.	FID= <1 ppm	N/S	N/S	N/A	
151	29						
150	30						Centralizer installed.
149	31						
148	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-7I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 5
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		Grading to alternating orange to brown and grey to brown					
147	33						
146	34						
145	35						
144	36		FID= <1 ppm				
143	37			N/S	N/S	N/A	
142	38						
141	39						
140	40		FID= 2.2 ppm				
139	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-71

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 6
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; orange to brown and grey to brown; poorly graded; fine grained; subangular; with some clay stringers.					
138	42		↑				
			FID= 2.8 ppm				
137	43		↑				
136	44		↑				
135	45		↑	N/S	N/S	N/A	
134	46		↑				
			FID= 3.4 ppm				
133	47	Grading to grey.	↑				
			↑				
132	48	Grading to dark grey.	↑				
			↑				
		Grading to orange to brown.	↑				
131	49	Grading to grey to brown.	↑				
			FID= <1 ppm				
130	50		↑				

HTW DRILLING LOG

HOLE NO.
CC-MW-71

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 7
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; grey to brown; poorly graded; fine grained; subangular.					
129	51				N/S		
128	52				N/S		
127	53				N/S		
126	54		FID = <1 ppm	N/S	CC-MW-71 (53-55)	N/A	
125	55				N/S		
124	56						
123	57				N/S		
122	58						
121	59						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-71

HTW DRILLING LOG

HOLE NO.
CC-MW-7I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 8
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; grey to brown; poorly graded; fine grained; subangular.					
120	60						Centralizer installed.
119	61						
118	62						
117	63						
116	64		FID= <1 ppm	N/S	N/S	N/A	
115	65						
114	66						
113	67						
112	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-71

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 9
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; grey to brown; poorly graded; fine grained; subangular.					
111	69						
110	70						
109	71						
108	72		FID= <1 ppm	N/S	N/S	N/A	
107	73						
106	74						
105	75						
104	76						
103	77						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-71

HTW DRILLING LOG

HOLE NO.
CC-MW-7I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 10
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; grey to brown; poorly graded; fine grained; subangular.					
102	78						
101	79						
100	80						
99	81						
98	82		FID= <1 ppm	N/S	N/S	N/A	
97	83						
96	84						
95	85						
94	86						

HTW DRILLING LOG

HOLE NO.
CC-MW-7I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET II
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; grey to brown; poorly graded; fine grained; subangular.					
93	87						
92	88						
91	89						
90	90						Centralizer installed.
89	91		FID= <1 ppm	N/S	N/S	N/A	
88	92						
87	93						
86	94						
85	95						

HTW DRILLING LOG

HOLE NO.
CC-MW-7I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 12
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; grey to brown; poorly graded; fine grained; subangular.					
84	96		↑				95
			↓				96
83	97						97
			↑				98
82	98		↓				98
			↑				99
81	99		↓				99
			↑	N/S	N/S	N/A	100
80	100		↓				100
			↑				101
79	101		↓				101
			↑				102
78	102		↓				102
			↑				103
77	103		↓				103
			↑				104
76	104		↓				104

HTW DRILLING LOG

HOLE NO.
CC-MW-7I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 13
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; grey to brown; poorly graded; fine grained; rounded.					
75	105		FID = < 1 ppm				
74	106						
73	107		FID = 36 ppm	N/S	N/S	N/A	
72	108						
71	109		FID = 22 ppm				
70	110						
69	111						
68	112						
67	113						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-7I

HTW DRILLING LOG

HOLE NO.
CC-MW-71

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 14
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; grey to brown; poorly graded; fine grained; rounded.					
66	114		FID = 22 ppm				
65	115		FID = 12 ppm				
64	116			N/S	N/S	N/A	
63	117						
62	118						
61	119						
60	120						Centralizer installed.
59	121		FID = <1 ppm				
58	122						

HTW DRILLING LOG

HOLE NO.
CC-MW-71

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 15
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; grey to brown; poorly graded; fine grained; rounded.					
57	123						
56	124			N/S	N/S		
55	125						
54	126						
53	127		FID= <1 ppm	SAMPLE	CC-MW-71 (127-129)	N/A	
52	128						
51	129	Grading to some sandy clay; brown; low plasticity dry.		N/S			
50	130	(CL); CLAY; grey; low plasticity; stiff; dry.			N/S		
49	131						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-71

HTW DRILLING LOG

HOLE NO.
CC-MW-08S

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling			SHEET 1 OF 7 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama			
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION Corner of Columbus St. and Lawrence St.			
	Carbon Steel		9. SURFACE ELEVATION 173.69 (NGVD29)			
	Rotasonic Augers		10. DATE STARTED 4-18-00	11. DATE COMPLETED 4-18-00		
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling			
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 36.19' bls 5-12-00			
14. TOTAL DEPTH OF HOLE 53.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A			
20. SAMPLES FOR CHEMICAL ANALYSIS 3	VOC 3	METALS 3	OTHERS (SPECIFY) 3 (BNA)	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A	
	21. TOTAL CORE REC. N/A%					
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED N/A	MONITORING WELL CC-MW-08S	OTHERS (SPECIFY) N/A	23. SIGNATURE OF INSPECTOR D. CARTER		

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
173	1	(SM); Silty SAND; tan; well graded; fine grained; moist.	↑	↑	↑	↑	Advanced boring to 4' with posthole diggers for utility clearance.
172	2		↑	N/S	N/S	N/A	
171	3		↑	N/S	N/S	N/A	
170	4		↑	N/S	N/S	N/A	
169	5		↑	N/S	N/S	N/A	

HTW DRILLING LOG

HOLE NO.
CC-MW-08S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 2
OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
168	6	(SM); Silty SAND; tan; well graded; fine grained; moist.	FID < 1 ppm				
167	7		↑				
166	8						
165	9		FID = 56 ppm	N/S	N/S	N/A	
164	10						
163	11						
162	12		FID = 44 ppm				
161	13	(SP); SAND; orange; well graded; poorly sorted; fine grained; moist.					
160	14						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-08S

HTW DRILLING LOG

HOLE NO.
CC-MW-08S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 3
OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; orange; well graded; poorly sorted; fine grained; moist.					
159	15	Grades tan.	FID= 44 ppm				
158	16						
157	17	Grades orange.	X				
156	18			N/S	N/S	N/A	
155	19						
154	20		FID= 50 ppm				
153	21	Grades tan.					
152	22						
151	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-08S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 4
OF 7 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND: tan; well graded; poorly sorted; fine grained; moist.					
150	24						
149	25		FID= 50 ppm				Centralizer installed.
148	26						
147	27				N/S		
		Some coarse gravel and medium to coarse grained sand.		N/S		N/A	
146	28						
145	29		FID= 300 ppm				
144	30				CC-MW-08S (30-31)		
143	31				N/S		
142	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-08S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 5
OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; well graded; poorly sorted; fine grained; moist.					
141	33						
140	34						
139	35		FID = 92 ppm				
138	36			N/S	N/S	N/A	
137	37						
136	38						
135	39		FID = 240 ppm		CC-MW-08S (39-40)		
134	40						Water table approx. 40.0'
133	41				N/S		

HTW DRILLING LOG

HOLE NO.
CC-MW-08S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 6
OF 7 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; well graded; poorly sorted; fine grained; moist.					
132	42		FID= 240 ppm	N/S			
131	43			CC-MW-08S (42-43)			
130	44		FID= 46 ppm				
129	45				N/S	N/A	
128	46						
127	47			N/S			
126	48		FID= 0 ppm				
125	49						
124	50						

HTW DRILLING LOG

HOLE NO.
CC-MW-08S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 7
OF 7 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
123	51	(SP); SAND; tan; well graded; poorly sorted; fine grained; moist.	FID = 0 ppm	N/S	N/S	N/A	
122	52						
121	53						
120	54						Well point set at 51.77' dis. Bottom of boring at 53' dis.
119	55						
118	56						
117	57						
116	58						
115	59						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 15 SHEETS		
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama			
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig			
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION Corner of N. Lawrence St. and Columbus St.			
	Carbon Steel		9. SURFACE ELEVATION 173.62 (NGVD29)			
	Rotasonic Augers		10. DATE STARTED 4-17-00	11. DATE COMPLETED 4-18-00		
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling			
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 36.09' bls 5-12-00			
14. TOTAL DEPTH OF HOLE 127.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A			
18. GEOTECHNICAL SAMPLES N/A	DISTURBED N/A	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A			
20. SAMPLES FOR CHEMICAL ANALYSIS N/A	VOC	METALS	OTHERS (SPECIFY)	OTHERS (SPECIFY)	OTHERS (SPECIFY)	21. TOTAL CORE REC. N/A%
	N/A	N/A	N/A	N/A	N/A	
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED	MONITORING WELL	OTHERS (SPECIFY)	23. SIGNATURE OF INSPECTOR D. CARTER		
	N/A	CC-MW-081	N/A			

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
173	1	(SM); Silty SAND; tan; well graded; fine grained; subangular; moist.	↑	↑	↑	↑	Advanced boring to 4' with posthole diggers for utility clearance.
172	2		↑	N/S	N/S	N/A	
171	3		↑	N/S	N/S	N/A	
170	4		↑	N/S	N/S	N/A	
169	5		↑	N/S	N/S	N/A	

HTW DRILLING LOG

HOLE NO.
CC-MW-08I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 2
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SM); Silty SAND; tan; well graded; fine grained; subangular; moist.					
168	6		FID < 1 ppm				
167	7		↓				
166	8						
165	9						
164	10		FID = 38 ppm	N/S	N/S	N/A	
163	11						
162	12						
161	13						
		(SP); SAND; orange; poorly sorted; fine grained; subangular; moist;	FID = 72 ppm				
160	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 3
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
159	15	(SP); SAND; orange; poorly sorted; fine grained; subangular; moist.					
158	16	Grading tan.	FID= 72 ppm				
157	17		↓				
156	18			N/S	N/S	N/A	
155	19						
154	20		FID= 50 ppm				
153	21						
152	22						
151	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 4
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly sorted; fine grained; subangular; moist.					
150	24						
149	25		FID= 50 ppm				
148	26						
147	27	Grading to some coarse gravel.	↓	N/S	N/S	N/A	
146	28						
145	29						
144	30	Grading to some silt.	FID= 700 ppm				
143	31						
142	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 5
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly sorted; fine grained; subangular; moist; some silt.					
141	33		FID= 700 ppm				
140	34		↕				
139	35		FID= >1000 ppm				Centralizer installed.
138	36		↕	N/S	N/S	N/A	
137	37		↕				
136	38						
135	39		FID= 540 ppm				
134	40						
133	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 6
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly sorted; fine grained; subangular; moist; some silt.	FID = 540 ppm				
132	42		FID = 420 ppm				
131	43						
130	44						
129	45						Water table approx. 45.0 bis.
128	46			N/S	N/S	N/A	
127	47		FID = 30 ppm				
126	48	Grading wet.					
125	49						
124	50						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 7
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly sorted; fine grained; subangular; wet; some silt.					
123	51						
122	52						
121	53						
120	54		FID= 30 ppm				
119	55			N/S	N/S	N/A	
118	56						
117	57		X				
116	58		FID= 20 ppm				
115	59						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-081

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 8
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
114	60	(SP); SAND; tan; poorly sorted; fine grained; subangular; wet; some silt.	FID = 20 ppm				
113	61						
112	62						
111	63				N/S	N/S	N/A
110	64			FID = 32 ppm			
109	65						
108	66						
107	67		FID = 54 ppm				
106	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 9
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly sorted; fine grained; subangular; wet; some silt.					
105	69						
104	70		FID = 54 ppm				
103	71						
102	72		↓	N/S	N/S	N/A	
101	73						
100	74		FID = 120 ppm				
99	75						
98	76						
97	77						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-081

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 10
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly sorted; fine grained; subangular; wet; some silt.					
96	78						
95	79						
94	80		FID= 54 ppm				
93	81						
92	82			N/S	N/S	N/A	
91	83						
90	84		FID= 80 ppm				
89	85						Centralizer installed.
88	86						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 11
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly sorted; fine grained; subangular; wet; some silt.	FID= 80 ppm				
87	87			↑			
86	88			↑			
85	89			↑			
84	90			↑	N/S	N/S	N/A
83	91			↑			
82	92			↑			
81	93			↑			
80	94			↑			
79	95			↑			

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 12
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly sorted; fine grained; subangular; wet; some silt.					
78	96		FID= 16 ppm				
77	97		↑				
76	98						
75	99			N/S	N/S	N/A	
74	100		FID= 38 ppm				
73	101						
72	102						
71	103		FID= 45 ppm				
70	104						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 13
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly sorted; fine grained; subangular; wet; some silt.					
69	105		FID= 45 ppm				
68	106						
67	107		X				
66	108			N/S	N/S	N/A	
65	109						
64	110		FID= 38 ppm				
63	111						
62	112						
61	113						

HTW DRILLING LOG

HOLE NO.
CC-MW-081

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 15
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(ML); SILT; gray; low plasticity; moist.					
51	123						
50	124		FID = 6.8 ppm	N/S	N/S	N/A	
49	125						
48	126						
47	127						Well point set at 119.73' bls. Bottom of boring at 127' bls.
46	128						
45	129						
44	130						
43	131						

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 9 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION Corner of S. Lawrence St. and Washington Ave.		
	Carbon Steel		9. SURFACE ELEVATION 213.70 (NGVD29)		
	Rotasonic Augers		10. DATE STARTED 4-14-00		11. DATE COMPLETED 4-14-00
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			6. DEPTH TO WATER AND DATE 52.99' b/s 5-12-00		
14. TOTAL DEPTH OF HOLE 73.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS 2	VOC 2	METALS 2	OTHERS (SPECIFY) 2 (BNA)	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A
	21. TOTAL CORE REC. N/A%				
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED N/A	MONITORING WELL CC-MW-09S	OTHERS (SPECIFY) N/A	23. SIGNATURE OF INSPECTOR D. CARTER	

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
213	1	(SC); Clayey SAND; orange; well graded; fine grained; subangular; moist; some silt.	↑	↑	↑	↑	Advanced boring to 4' with posthole diggers for utility clearance.
212	2		↑	N/S	N/S	N/A	
211	3		↑	N/S	N/S	N/A	
210	4		↑	N/S	N/S	N/A	
209	5		↑	N/S	N/S	N/A	

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 2
OF 9 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SC); Clayey SAND; orange; well graded; fine grained; subangular; moist; some silt.					
208	6		FID < 1 ppm				
207	7		↓				
206	8						
205	9		FID = 22 ppm	N/S	N/S	N/A	
204	10						
203	11						
202	12		↓				
201	13		FID = 300 ppm				
200	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 3
OF 9 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
199	15	(SC); Clayey SAND; orange; well graded; fine grained; subangular; moist; some silt.	FID= 300 ppm				
198	16		FID= 32 ppm				
197	17		FID= 10 ppm				
196	18				N/S	N/S	N/A
195	19						
194	20						
193	21						
192	22						
191	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 4
OF 8 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SC); Clayey SAND; orange; well graded; fine grained; subangular; moist; some silt.					
190	24	(SP); SAND; tan to orange; poorly graded; fine grained; subangular; moist;					
189	25		FID = 10 ppm				
188	26						
187	27		↓	N/S	N/S	N/A	
186	28						
185	29	Grades to white; subrounded.	FID = 300 ppm				
184	30						Centralizer installed.
183	31						
182	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 5
OF 9 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEO TECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(CL); Sandy CLAY; light gray; low plasticity; moist; some silt.	↑				
181	33						
180	34						
179	35			FID = 2.5 ppm			
178	36						
177	37			↓	N/S	N/S	N/A
176	38						
175	39			FID = 7 ppm			
174	40						
173	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 6
OF 9 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(CL); Sandy CLAY; light gray; low plasticity; moist; some silt.	FID= 7 ppm				
172	42		FID= 32 ppm				
171	43						
170	44						
169	45	(SP); SAND; tan; poorly graded; fine grained; subrounded; moist.		N/S	N/S	N/A	
168	46						
167	47		FID= 100 ppm				
166	48	Grades tan and orange.					
165	49						
164	50						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-09S

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 7
OF 9 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan and orange; poorly graded; fine grained; subrounded; moist.					Centralizer installed.
163	51		FID= 100 ppm				
162	52		FID= 500 ppm				
161	53						
160	54			N/S	N/S		
159	55					N/A	
158	56						
157	57						
156	58	Grading wet.	FID= 130 ppm		CC-MW-09S (58-59)		Water table approx. 58.0'
155	59						

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 8
OF 9 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan and orange; poorly graded; fine grained; subrounded; wet.					
154	60		FID= 130 ppm				
153	61			N/S			
152	62		FID= 62 ppm				
151	63			N/S			
150	64			CC-MW-09S (64-65)			
149	65						
148	66			N/S			
147	67		FID= 12 ppm				
146	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-09S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 9
OF 9 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan and orange; poorly graded; fine grained; subrounded; wet.					
145	69						
144	70						
143	71		F10= 12 ppm	N/S	N/S	N/A	
142	72						
141	73						
140	74						Well point set at 71.76' bls. Bottom of boring at 73' bls.
139	75						
138	76						
137	77						

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 8 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION Corner of Adams and Union St.		
	Carbon Steel		9. SURFACE ELEVATION 213.05 (NGVD29)		
	Rotasonic Augers		10. DATE STARTED 4-10-00	11. DATE COMPLETED 4-10-00	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 55.02' bls 5-12-00		
14. TOTAL DEPTH OF HOLE 77.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS 1	VOC 1	METALS 1	OTHERS (SPECIFY) 1 (BNA)	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A
	21. TOTAL CORE REC. N/A%				
22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED N/A	MONITORING WELL CC-MW-10S	OTHERS (SPECIFY) N/A	23. SIGNATURE OF INSPECTOR D. CARTER	

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
212	1	(SC): Clayey SAND; brown; well graded; fine grained; subangular; moist.	↑	↑	↑	↑	Advanced boring to 4' with posthole diggers for utility clearance.
211	2		↑	N/S	N/S	N/A	
210	3		↑	N/S	N/S	N/A	
209	4		↑	N/S	N/S	N/A	
208	5		↑	N/S	N/S	N/A	

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 2
OF 9 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
207	6	(SC); Clayey SAND; brown; well graded; fine grained; subangular; moist.	FID < 1 ppm				
206	7		↓				
205	8						
204	9		FID = 42 ppm	N/S	N/S	N/A	
203	10	Grades to reddish-orange.					
202	11						
201	12		↓				
200	13		FID = 8 ppm				
199	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 3
OF 9 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
198	15	(SC); Clayey SAND; reddish-orange; well graded; fine grained; subangular; moist.	FID= 8 ppm				
197	16						
196	17						
195	18				N/S	N/S	N/A
194	19						
193	20			FID= 38 ppm			
192	21						
191	22		FID= 25 ppm				
190	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 4
OF 8 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
189	24	(SC); Clayey SAND; reddish-orange; well graded; fine grained; subangular; moist.	FID= 25 ppm				
188	25	(SP); SAND; tan to orange; poorly graded; fine grained; subangular; moist.					
187	26						
186	27		↓	N/S	N/S	N/A	
185	28						
184	29		FID= 10 ppm				
183	30						Centralizer installed.
182	31						
181	32		↓				

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 5
OF 9 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
180	33	(CL); CLAY; mottled gray, orange, and red; low plasticity; moist.	↑ FID= 6 ppm				
179	34						
178	35	(SP); SAND; tan; poorly graded; fine grained; subangular; wet; trace clay.					
177	36			N/S	N/S	N/A	
176	37		↓				
175	38	Grades to reddish-orange.					
174	39		FID= 82 ppm				
173	40						
172	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 6
OF 9 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(MH); SILT; tan; firm; nonplastic; moist; micaceous.	FID = 82 ppm				
171	42		↑				
170	43		↓				
169	44		FID = 14 ppm				
168	45		↓	N/S	N/S	N/A	
167	46	(SM); Silty SAND; tan; well graded; fine grained; moist.					
166	47		↑				
165	48		↓				
164	49		FID = 80 ppm				
163	50						

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 7
OF 9 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SM); Silty SAND; tan; well graded; fine grained; moist.					
162	51						
161	52						
160	53	(SP); SAND; tan; poorly graded; fine grained; subangular; moist; some mica.	FID= 80 ppm		N/S		
159	54			N/S		N/A	
158	55						Centralizer installed.
157	56						
156	57		FID= 84 ppm				
155	58						
154	59						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-10S

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 8
OF 9 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly graded; fine grained; subangular; moist; some mica; trace clay.					
153	60		FID= 84 ppm		X		Water table approx. 60.0'
152	61						
151	62	Grades to orange.	X	N/S			
150	63					N/A	
149	64		FID= 35 ppm		N/S		
148	65			X			
				CC-MW-10S (65-66)			
147	66						
146	67		FID= 22 ppm	X			
				N/S			
145	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-10S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 9
OF 9 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subangular; moist; some mica; trace clay.					
144	69						
143	70		FID= 22 ppm				
142	71						
141	72		↓	N/S	N/S	N/A	
140	73						
139	74		FID= 24 ppm				
138	75						
137	76						Well point set at 71.91' bls. Bottom of boring at 77' bls.
136	77						

HTW DRILLING LOG

HOLE NO. **CC-MW-11S**
SHEET 1
OF 15 SHEETS

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		HOLE NO. CC-MW-11S	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION Corner of Adams and Union St.		
	Carbon Steel		9. SURFACE ELEVATION 275.17 (NGVD29)		
	Rotasonic Augers		10. DATE STARTED 3-8-00	11. DATE COMPLETED 3-16-00	
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 103.69bls 5-12-00		
14. TOTAL DEPTH OF HOLE 129.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		
18. GEOTECHNICAL SAMPLES 1	DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS 2	VOC 2	METALS 2	OTHERS (SPECIFY) 2 (BNA)	OTHERS (SPECIFY) N/A	OTHERS (SPECIFY) N/A
21. TOTAL CORE REC. N/A%	22. DISPOSITION OF HOLE Monitoring Well	BACKFILLED N/A	MONITORING WELL CC-MW-11S	OTHERS (SPECIFY) N/A	23. SIGNATURE OF INSPECTOR K. King

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
274	1	(SC); Clayey SAND; tan to gray; well graded; medium grained; damp.	↑	↑	↑	↑	Advanced boring to 4' with posthole diggers for utility clearance.
273	2		↑	↑	↑	↑	
272	3		↑	↑	↑	↑	
271	4	(CL); Sandy CLAY; reddish-brown; firm; low plasticity; moist.	↑	↑	↑	↑	
270	5		↑	↑	↑	↑	

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 2
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(CL); Sandy CLAY; reddish-brown; firm; low plasticity; moist.					
269	6						
268	7						
267	8						
266	9						
265	10		FID < 1 ppm	N/S	N/S	N/A	
264	11						
263	12						
262	13						
261	14						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-11S

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 3
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
260	15	(CL); Sandy CLAY; reddish-brown; firm; low plasticity; moist.	FID < 1 ppm		N/S		
259	16				CC-SB-11S (15-16)		
258	17				N/S		
257	18	(SP); SAND; brown; poorly graded; subangular; some clay with trace mafics.	FID = 460 ppm	N/S	N/S	N/A	
256	19						
255	20						
254	21						
253	22						
252	23		FID = 60 ppm				

HTW DRILLING LOG

HOLE NO.
CC-MW-IIS

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 4
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; brown; poorly graded; subangular; some clay with trace mafics.					
251	24						
250	25		FID= 60 ppm				
249	26						
248	27		↓				
			↑	N/S	N/S	N/A	
247	28	Grading to light brown; some moist clay stringers from 28'-30' bls.	FID= 58 ppm				
246	29		↓				
			↑				
245	30		FID= 6 ppm				
244	31						
243	32						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-IIS

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 5
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; light brown; poorly graded; subangular; some clay.					
242	33		FID= 6 ppm		N/S		
241	34				CC-SB-11S (33-34)		
240	35						Centralizer installed.
239	36						
238	37			N/S			
237	38		FID= N/S		N/S		20 ppm in borehole, breathing zone < 1 ppm. Have used 350 gallons of water. OVA is no longer working. See OVA readings from adjacent boring (CC-MW-111).
236	39						
235	40						
234	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 6
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; light brown; poorly graded; subangular; some clay.					
233	42						
232	43						
231	44						
230	45						
229	46		FID= N/S	N/S	N/S	N/A	
228	47						
227	48						
226	49						Damp from 49.0' to 51.0' bis perched water table.
225	50						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-11S

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 7
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; light brown; poorly graded; subangular; some clay. Grading to reddish.					
224	51						
223	52						
222	53						
221	54		FID= N/S	N/S	N/S	N/A	
220	55						
219	56						
218	57	Grading to wet; trace clay.					Perched water table from 57' to 62' bls.
217	58						
216	59						

50
51
52
53
54
55
56
57
58
59

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 8
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
							59
215	60						60
214	61						61
213	62	(SP); SAND; white; well graded; fine grained; subangular; highly compacted.					62
212	63	Grading to tan; non-compacted.	FID= N/S	N/S	N/S	N/A	63
211	64						64
210	65						65
209	66						66
208	67						67
207	68						68

Centralizer installed.

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 9
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; well graded; fine grained; subangular.					
206	69						
205	70						
204	71	Grading to wet; trace biotite.					
203	72		FID= N/S	N/S	N/S	N/A	
202	73						
201	74						
200	75						
199	76						
198	77						

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 10
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; well graded; fine grained; subangular.					
197	78						
196	79						
195	80						
194	81						
193	82	Grading to alternating light and dark tan; with some clay stringers.	FID= N/S	N/S	N/S	N/A	
192	83						
191	84						
190	85						
189	86						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-11S

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET II
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; well graded; fine grained; subangular.					
188	87						
187	88						
186	89						
185	90		FID= N/S	N/S	N/S	N/A	
184	91						
183	92						
182	93						
181	94						
180	95						

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 12
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
							Centralizer installed.
179	96	(SP); SAND; tan; well graded; fine grained; subangular.					
178	97	Grading to silty; dark brown; poorly graded; fine grained; possible organic staining.					
177	98						
176	99		FID= N/S	N/S	N/S	N/A	
175	100						
174	101						
173	102						
172	103						
171	104						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-11S

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 13
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
170	105	Grading to interbedded silty sand and clay stringers.	FID= N/S	N/S	N/S	N/A	
169	106						
168	107						
167	108						
166	109						
165	110						
164	111						
163	112						
162	113						

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 14
OF 15 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); Silty SAND; dark brown; well graded; with clay stringers.					
161	114						
160	115		FID= N/S				Centralizer installed.
159	116						
158	117	Grading to light brown; poorly graded; medium grained; subangular; moist; trace clay and gravel.	↓	N/S	N/S	N/A	
157	118						
156	119						
155	120		FID= N/S				
154	121			SAMPLE			Geotech sample taken from 121.0' to 123.0' dis.
153	122						

HTW DRILLING LOG

HOLE NO.
CC-MW-11S

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
K. King

SHEET 15
OF 15 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
152	123	(SP); SAND; light brown; poorly graded; medium grained; subangular; moist; trace clay and gravel.	↑ FID= N/S ↓	SAMPLE	N/S	N/A	
151	124						
150	125						
149	126						
148	127			Grading to trace biotite; wet.			
147	128		FID= N/S	↓	↓	↓	
146	129						Well point set at 128.19' bls.
145	130						
144	131						

HTW DRILLING LOG

HOLE NO.
CC-MW-III

1. COMPANY NAME Black & Veatch Special Projects, Corp.		2. DRILLING SUBCONTRACTOR Gulf Atlantic Drilling		SHEET 1 OF 28 SHEETS	
3. PROJECT Capitol City Plume			4. LOCATION Montgomery, Alabama		
5. NAME OF DRILLER Josh Sigler			6. MANUFACTURERS DESIGNATION OF DRILL Sonic Drill Rig		
7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT	4" x 6" Rotasonic system		8. HOLE LOCATION Corner of S. Union St. and Adams Ave.		
	Carbon Steel				
	Rotasonic Augers				
9. SURFACE ELEVATION 274.92 (NGVD29)			10. DATE STARTED 4-11-00		11. DATE COMPLETED 4-13-00
12. OVERBURDEN THICKNESS N/A			15. DEPTH GROUNDWATER ENCOUNTERED N/A ' BLS during drilling		
13. DEPTH DRILLED INTO ROCK N/A			16. DEPTH TO WATER AND DATE 103.29' bls 5-12-00		
14. TOTAL DEPTH OF HOLE 247.0 ft. BLS			17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY) N/A		

18. GEOTECHNICAL SAMPLES 1		DISTURBED 1	UNDISTURBED N/A	19. TOTAL NUMBER OF CORE BOXES N/A		
20. SAMPLES FOR CHEMICAL ANALYSIS 5	VOC	METALS	OTHERS (SPECIFY)	OTHERS (SPECIFY)	OTHERS (SPECIFY)	21. TOTAL CORE REC. N/A%
	5	5	5 (BNA)	N/A	N/A	
22. DISPOSITION OF HOLE Monitoring Well		BACKFILLED N/A	MONITORING WELL CC-MW-III	OTHERS (SPECIFY) N/A	23. SIGNATURE OF INSPECTOR D. CARTER	

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
274	1	(SC); Clayey SAND; reddish-orange; well graded; fine grained; subangular; moist; some silt.	↑	↑	↑	↑	Advanced boring to 4' with posthole diggers for utility clearance.
273	2		↑	↑	↑	↑	
272	3		↑	↑	↑	↑	
271	4		↑	↑	↑	↑	
270	5		↑	↑	↑	↑	

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 2
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SC); Clayey SAND; reddish-orange; well graded; fine grained; subangular; moist; some silt.					
269	6		FID < 1 ppm				
268	7		↓				
267	8						
266	9		FID = 48 ppm	N/S	N/S	N/A	
265	10						
264	11						
263	12		↓				
262	13		FID = 10 ppm				
261	14						

HTW DRILLING LOG

HOLE NO.
CC-MW-11I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 3
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
260	15	(SC); Clayey SAND; reddish-orange; well graded; fine grained; subangular; moist; some silt.	FID= 10 ppm				
259	16						
258	17			↓			
257	18				N/S	N/S	N/A
256	19			FID= 200 ppm			
255	20						
254	21						
253	22		FID= 60 ppm				
252	23						

HTW DRILLING LOG

HOLE NO.
CC-MW-III

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 4
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
251	24	(SC); Clayey SAND; reddish-orange; well graded; fine grained; subangular; moist; some silt.	FID= 60 ppm				
250	25						
249	26	(SP); SAND; tan and orange; poorly graded; fine grained; subrounded; moist; trace clay and silt.	FID= 80 ppm		N/S	N/A	
248	27						
247	28						
246	29						
245	30						
244	31						
243	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 5
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan and orange; poorly graded; fine grained; subrounded; moist; trace clay and silt.					
242	33		↑				
241	34		FID= 10 ppm				
240	35						
239	36						
238	37		↓	N/S	N/S	N/A	
237	38						
236	39		FID= 200 ppm				
235	40						Centralizer installed.
234	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 6
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan and orange; poorly graded; fine grained; subrounded; moist; trace clay and silt.	FID = 200 ppm				
233	42		↑				
232	43		↓				
231	44	Grading dry.	FID = 30 ppm				
230	45		↓				
229	46	Grading moist.	↓	N/S	N/S	N/A	
228	47		↑				
227	48		↓				
226	49		FID = 52 ppm				
225	50		↓				

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 7
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan and orange; poorly graded; fine grained; subrounded; moist; trace clay and silt.					
224	51		FID= 52 ppm				
223	52	Grades to black.	X				
222	53	Grades to tan.					
221	54		FID= 38 ppm	N/S	N/S	N/A	
220	55						
219	56						
218	57		FID= 58 ppm				
217	58						
216	59						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-111

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 8
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; moist; trace clay and silt.					
215	60						
214	61						
213	62						
212	63		FID = 58 ppm	N/S	N/S	N/A	
211	64						
210	65						
209	66						
208	67		FID = 45 ppm				
207	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 9
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly graded; fine grained; subrounded; moist; trace clay and silt.					
206	69						
205	70		FID= 45 ppm				
204	71				N/S		
203	72		↓				
202	73			N/S		N/A	
201	74		FID > 1000 ppm		CC-SB-111 (74-75)		
200	75	Grading dry.					Centralizer installed.
199	76	Grading moist.			N/S		
198	77						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 10
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; moist; trace clay and silt.					
197	78		↑				Water table approx. 78' bls.
196	79		FID = 170 ppm				
195	80		↓				
194	81			N/S	N/S	N/A	
193	82		↓				
192	83						
191	84		FID = 170 ppm				
190	85						
189	86						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET II
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly graded; fine grained; subrounded; moist; trace clay and silt.	FID= 170 ppm				
188	87		FID= 58 ppm	N/S	N/S	N/A	
187	88						
186	89						
185	90						
184	91						
183	92		FID= 160 ppm				
182	93						
181	94						
180	95	Grades to black.					

HTW DRILLING LOG

HOLE NO.
CC-MW-11I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 12
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; black; poorly graded; fine grained; subrounded; moist; trace clay and silt.					
179	96	Grades to tan.	FID= 160 ppm				
178	97		↕		N/S		
177	98						
176	99		FID= 140 ppm	N/S	↕	N/A	
175	100				CC-SB-11I (99-100)		
174	101						
173	102		↕		N/S		
172	103		FID= 82 ppm				
171	104						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 13
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
170	105	(SP); SAND; tan; poorly graded; fine grained; subrounded; moist; trace clay and silt.					
169	106		FID= 82 ppm				
168	107	Grading wet.	X				
167	108			N/S	N/S	N/A	
166	109		FID= 12 ppm				
165	110						Centralizer installed.
164	111						
163	112		FID= 45 ppm				
162	113						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 14
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; trace clay and silt.					
161	114						
160	115		FID= 45 ppm				
159	116						
158	117		X	N/S	N/S	N/A	
157	118						
156	119						
155	120		FID= 110 ppm				
154	121						
153	122						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 15
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
152	123	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; trace clay and silt.	↑ FID= 200 ppm	N/S	N/S	N/A	
151	124						
150	125						
149	126						
148	127						↓
147	128						
146	129						FID= 640 ppm
145	130						
144	131						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-111

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 16
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
143	132	(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; trace clay and silt.	FID= 640 ppm				
142	133	Grades dark brown.					Solvent odor.
141	134	Grades tan.	FID= 400 ppm				
140	135			N/S	N/S	N/A	
139	136						
138	137		FID> 1000 ppm				
137	138						
136	139						
135	140						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 17
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; trace clay and silt.					Solvent odor.
134	141		FID > 1000 ppm				
133	142						
132	143						
131	144			FID = 650 ppm	N/S	N/S	N/A
130	145						
129	146						
128	147			FID > 1000 ppm			
127	148						
126	149						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-111

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 18
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; trace clay and silt.					
125	150	Stringers of silt and clay.	FID > 1000 ppm				
124	151						
123	152		↓				
122	153			N/S	N/S	N/A	
121	154		FID > 1000 ppm				
120	155						
119	156						
118	157	Grades to medium grained.	FID = 105 ppm				
117	158						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 19
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; medium grained; subrounded; wet; trace clay and silt.					
116	159						
115	160		FID= 105 ppm				Centralizer installed.
114	161						
113	162		FID= 50 ppm	N/S	N/S	N/A	
112	163						
111	164						
110	165						
109	166						
108	167						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-111

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 20
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly graded; medium grained; subrounded; wet; trace clay and silt.					
107	168	Grades to black.					
106	169	Grades to tan.					
105	170		FID = 30 ppm				
104	171			N/S	N/S	N/A	
103	172						
102	173						
101	174		FID = 150 ppm				
100	175						
99	176						

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 21
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h	
		(SP); SAND; tan; poorly graded; medium grained; subrounded; wet; trace clay and silt.						
98	177			FID = 150 ppm				
97	178					N/S		
96	179			FID > 1000 ppm				
95	180				N/S	CC-SB-111 (180-181)	N/A	Solvent odor.
94	181							
93	182							
92	183			FID > 1000 ppm		N/S		
91	184							
90	185							

HTW DRILLING LOG

HOLE NO.
CC-MW-III

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 22
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; medium grained; subrounded; wet; trace clay and silt.					
89	186		FID > 1000 ppm				
88	187		↓				
87	188						
86	189		FID = 120 ppm	N/S	N/S	N/A	
85	190						
84	191						
83	192		FID = 120 ppm				
82	193						
81	194						

HTW DRILLING LOG

HOLE NO.
CC-MW-III

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 23
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
80	195	(SP); SAND; tan; poorly graded; medium grained; subrounded; wet; trace clay and silt.	FID= 120 ppm				
79	196	Grading fine grained.	FID= 22 ppm				
78	197		FID= 25 ppm				
77	198			N/S	N/S	N/A	
76	199						
75	200						
74	201						
73	202						
72	203						

HTW DRILLING LOG

HOLE NO.
CC-MW-11I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 24
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; trace clay and silt.					
71	204						
70	205		FID= 25 ppm				
69	206						
68	207		↓	N/S	N/S	N/A	
67	208						
66	209		FID= 120 ppm				
65	210						Centralizer installed.
64	211						
63	212						

HTW DRILLING LOG

HOLE NO.
CC-MW-III

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 25
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; tan; poorly graded; fine grained; subrounded; wet; trace clay and silt.					
62	213						
61	214						
60	215	Grades brown.	FID= 45 ppm				
59	216			N/S	N/S	N/A	
58	217		FID > 1000 ppm				
57	218						
56	219						
55	220						
54	221						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-III

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 26
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP); SAND; brown; poorly graded; fine grained; subrounded; wet; trace clay and silt.					
53	222						
52	223						
51	224		FID > 1000 ppm				
50	225			N/S	N/S	N/A	
49	226						
48	227		FID = 70 ppm				
47	228						
46	229						
45	230						

HTW DRILLING LOG

HOLE NO.
CC-MW-III

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 27
OF 28 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
		(SP); SAND; brown; poorly graded; fine grained; subrounded; wet; trace clay and silt.					
44	231		FID= 70 ppm				
43	232		↓				
42	233			N/S			
41	234		FID= 200 ppm		N/S		
40	235					N/A	
39	236			N/S			
38	237		FID= 0 ppm	CC-MW-III (236-237)	CC-SB-III (237-238)		
37	238			N/S	N/S		
36	239	(ML); SILT; gray; low plasticity; moist; micaceous.					

HTW DRILLING LOG

HOLE NO.
CC-MW-111

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. CARTER

SHEET 28
OF 28 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(ML); SILT; gray; low plasticity; moist; micaceous.					
35	240		FID= 0 ppm				
34	241						
33	242		FID= 0 ppm				
32	243			N/S	N/S	N/A	
31	244		FID= 0 ppm				
30	245						
29	246						Centralizer installed.
28	247						
27	248						Well point set at 239.76' bls. Bottom of boring at 247' bls.



HTW DRILLING LOG

HOLE NO.
CC-MW-12I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. DRILLING SUBCONTRACTOR
Technical Drilling Services Inc.

SHEET 1
OF 13 SHEETS

3. PROJECT
Capitol City Plume

4. LOCATION
Montgomery, AL

5. NAME OF DRILLER
Curtis Lee

6. MANUFACTURERS DESIGNATION OF DRILL
CME 75

7. SIZES AND TYPES OF DRILLING AND SAMPLING EQUIPMENT

4 1/4" I.D. HSA
6 1/4" I.D. HSA
6" Mud Rotary
2' x 2" Carbon Spoon
2' x 3" Staines Spoon

8. HOLE LOCATION
N 685786.1524' E 510111.7100'

9. SURFACE ELEVATION
158.19 158.19 (NGVD29)

10. DATE STARTED
2-05-02

11. DATE COMPLETED
2-12-02

12. OVERBURDEN THICKNESS
N/A

15. DEPTH GROUNDWATER ENCOUNTERED
25.58' BLS during drilling

13. DEPTH DRILLED INTO ROCK
N/A

16. DEPTH TO WATER AND DATE
25.50' BTOC/2-15-02

14. TOTAL DEPTH OF HOLE
110.0 ft. BLS

17. OTHER WATER LEVEL MEASUREMENTS (SPECIFY)
N/A

18. GEOTECHNICAL SAMPLES
N/A

DISTURBED
N/A

UNDISTURBED
N/A

19. TOTAL NUMBER OF CORE BOXES
N/A

20. SAMPLES FOR CHEMICAL ANALYSIS
N/A

VOC
1

METALS
1

OTHERS (SPECIFY)
1 PCB

OTHERS (SPECIFY)
1 Cyanide

OTHERS (SPECIFY)
1 Pesticide

21. TOTAL CORE REC.
N/A%

22. DISPOSITION OF HOLE
Monitoring Well

BACKFILLED
N/A

MONITORING WELL
CC-MW-12I

OTHERS (SPECIFY)
1 SemiVOC

23. SIGNATURE OF INSPECTOR
D. Prouty

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
157	1	(SM) Silty SAND; tan; well graded; moist; non plastic; with some coarse gravel.					Advanced boring to 4' BLS with posthole digger for utility clearance.
156	2	grading to black.	0.0ppm	N/S	N/S		CC-MW-12S is an adjacent well and due to proximity was not logged.
155	3						
154	4	(SM) Silty SAND; black; loose; well graded; moist; non plastic; with some coarse gravel.				2 3	Advanced boring with 4 1/4" I.D. HSA. Split Spoon advanced with automatic safety hammer.
153	5						

HTW DRILLING LOG

HOLE NO.
CC-MW-121

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 4
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(ML) Sandy SILT; mottled orange and light gray; firm; moist; non plastic; with trace clay.					
134	24					2	
133	25					7	
132	26	(SM) Silty SAND; orange; medium dense; well graded; medium grained; subangular; non cemented; moist. .1t0				8	Initial water level measured at 25.58' BLS.
						10	
131	27						
130	28		0.0ppm	N/S	N/S		
129	29					2	
128	30	(GW) Sandy GRAVEL; mottled tan and brown; medium dense; well graded; fine to medium grained; rounded gravel; through subangular sands; non cemented; wet.				7	
						8	
127	31					9	
126	32						

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 3
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(CH) CLAY; gray; firm; moist; low plasticity; trace silt.				2	
		grading to trace sand.				2	
						4	
						6	
143	15						
142	16						
141	17						
140	18						
			0.0ppm	N/S	N/S		
139	19					2	
						3	
138	20					4	
		(OL) Clayey SILT; gray; firm; moist; low plasticity; with trace fine sands.				3	
137	21	(ML) Sandy SILT; mottled orange and light gray; firm; moist; non plastic; with trace clay.					
136	22						
135	23						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-12I

HTW DRILLING LOG

HOLE NO.
CC-MW-121

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 4
OF 13 SHEETS

ELEV. <small>a</small>	DEPTH <small>b</small>	DESCRIPTION OF MATERIALS <small>c</small>	FIELD SCREENING RESULTS <small>d</small>	GEOTECH SAMPLE OR CORE BOX NO. <small>e</small>	ANALYTICAL SAMPLE NO. <small>f</small>	BLOW COUNTS <small>g</small>	REMARKS <small>h</small>
134	24	(ML) Sandy SILT; mottled orange and light gray; firm; moist; non plastic; with trace clay.				2	
						7	
133	25					8	
						10	
132	26	(SM) Silty SAND; orange; medium dense; well graded; medium grained; subangular; non cemented; moist. .1t0	0.0ppm	N/S	N/S		Initial water level measured at 25.58' BLS.
131	27						
130	28						
129	29					2	
		(GW) Sandy GRAVEL; mottled tan and brown; medium dense; well graded; fine to medium grained; rounded gravel; through subangular sands; non cemented; wet.				7	
128	30					8	
						9	
127	31						
126	32						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-121

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 5
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(GW) Sandy GRAVEL; mottled tan and brown; medium dense; fine to coarse grained; well graded; rounded gravel through subangular sands; non cemented; wet.					
125	33						
124	34	grading to very loose.				↑ ▽ ↑ ▽ ↑ 3 ↑ 8	
123	35		0.0ppm				
122	36			N/S	N/S		
121	37						
120	38						
119	39	(SP) SAND; mottled tan and brown; medium dense; fine to coarse grained; well graded; subrounded; non cemented; wet.				↑ 3 ↑ 9 ↑ 7 ↑ 6	
118	40		0.3ppm				
117	41						

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 6
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP) SAND; mottled tan and brown; medium dense; fine to coarse grained; well graded; subangular; non cemented, wet.					
116	42						
115	43						
114	44	Same as previous spoon.				3	
113	45		0.3ppm	N/S	N/S	5	
						7	
112	46					9	
111	47						
110	48						
109	49	(SP) SAND; tan; dense; well graded; fine to medium grained; subangular; non cemented; wet; with some clays.				4	
						12	
108	50						

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 7
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP) SAND; tan; dense; well graded; fine to medium grained; subangular; non cemented; wet; with some clays.				↑ 22 ↓	50
107	51					↓ 28 ↓	51
106	52						52
105	53						53
104	54	Grading to some clay, some orange layering, medium dense.	0.3ppm	N/S	N/S	↑ <1 ↓	54
103	55					↓ 1 ↓	55
						↓ 15 ↓	
102	56					↓ 33 ↓	56
101	57						57
100	58						58
99	59						59

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-12I

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 8
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
98	60	(SP) SAND; mottled tan and orange; very dense; well graded; fine to medium grained; subangular; non cemented; wet; with some clays.	0.3ppm			6	Advanced boring with 5" O.D. Mud Rotary.
						27	
						46	
						50	
97	61						
96	62						
95	63						
94	64		0.7ppm	N/S	N/S		
93	65						
92	66						
91	67						
90	68						

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 9
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP) SAND; mottled tan and orange; very dense; well graded; fine to medium grained; subangular; non cemented; wet; with some clays.	0.7ppm				
89	69	grading to solid tan.	↑			20	
						34	
88	70					47	
						50	
87	71						
86	72						
				N/S	N/S		
85	73		0.3ppm				
84	74						
83	75						
82	76						
81	77						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-12I

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 10
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
80	78	(SP) SAND; tan; very dense; well graded; fine to medium grained; subangular; non cemented; wet; with some clays.	0.3ppm				
79	79						Same as previous spoon.
78	80					50	
77	81			N/S	N/S	54	
76	82		0.2ppm			74	
75	83						
74	84						
73	85						
72	86						

PROJECT: Capitol City Plume

HOLE NO.: CC-MW-12I

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET II
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP) SAND; tan; very dense; well graded; fine to medium grained; subangular; non cemented; wet; with some clays.					
71	87						
70	88						
69	89	Same as previous spoon.				↑ 23 ↓ ↑ 50 ↓ ↑ 88 ↓ ↑ NA ↓	
68	90		0.2ppm	N/S	N/S		
67	91						
66	92						
65	93						
64	94						
63	95						

PROJECT: Capitol City Plume

HOLE NO. : CC-MW-12I

HTW DRILLING LOG

HOLE NO.
CC-MW-12I

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

SHEET 12
OF 13 SHEETS

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SP) SAND; tan; very dense; well graded; fine to medium grained; subangular; non cemented; wet; with some clays.					
62	96						
61	97		0.2ppm				
60	98						
59	99	(SM) Silty SAND; orange; very dense; poorly graded; medium to fine grained; subrounded; poorly cemented; wet; with some minor clay lenses and trace marine bioturbation.		N/S	N/S	17	
58	100					25	
57	101					50	
56	102		0.0ppm			75	Stiff drilling encountered approx. 102.0' BLS.
55	103						
54	104						

HTW DRILLING LOG

CC-MW-12I
SHEET 13
OF 13 SHEETS

1. COMPANY NAME
Black & Veatch Special Projects, Corp.

2. INSPECTOR
D. Prouty

ELEV. a	DEPTH b	DESCRIPTION OF MATERIALS c	FIELD SCREENING RESULTS d	GEOTECH SAMPLE OR CORE BOX NO. e	ANALYTICAL SAMPLE NO. f	BLOW COUNTS g	REMARKS h
		(SM) Silty SAND; orange; very dense; poorly graded; medium to fine grained; subangular; poorly cemented; wet; with some minor clay lenses and trace marine bioturbation.					Well point set at 104.69' BLS.
53	105						
52	106						
51	107		0.0ppm	N/S	N/S		
50	108					9	
						18	
49	109					21	
						31	
48	110						Boring terminated at 110.0' BLS.
47	111						
46	112						
45	113						

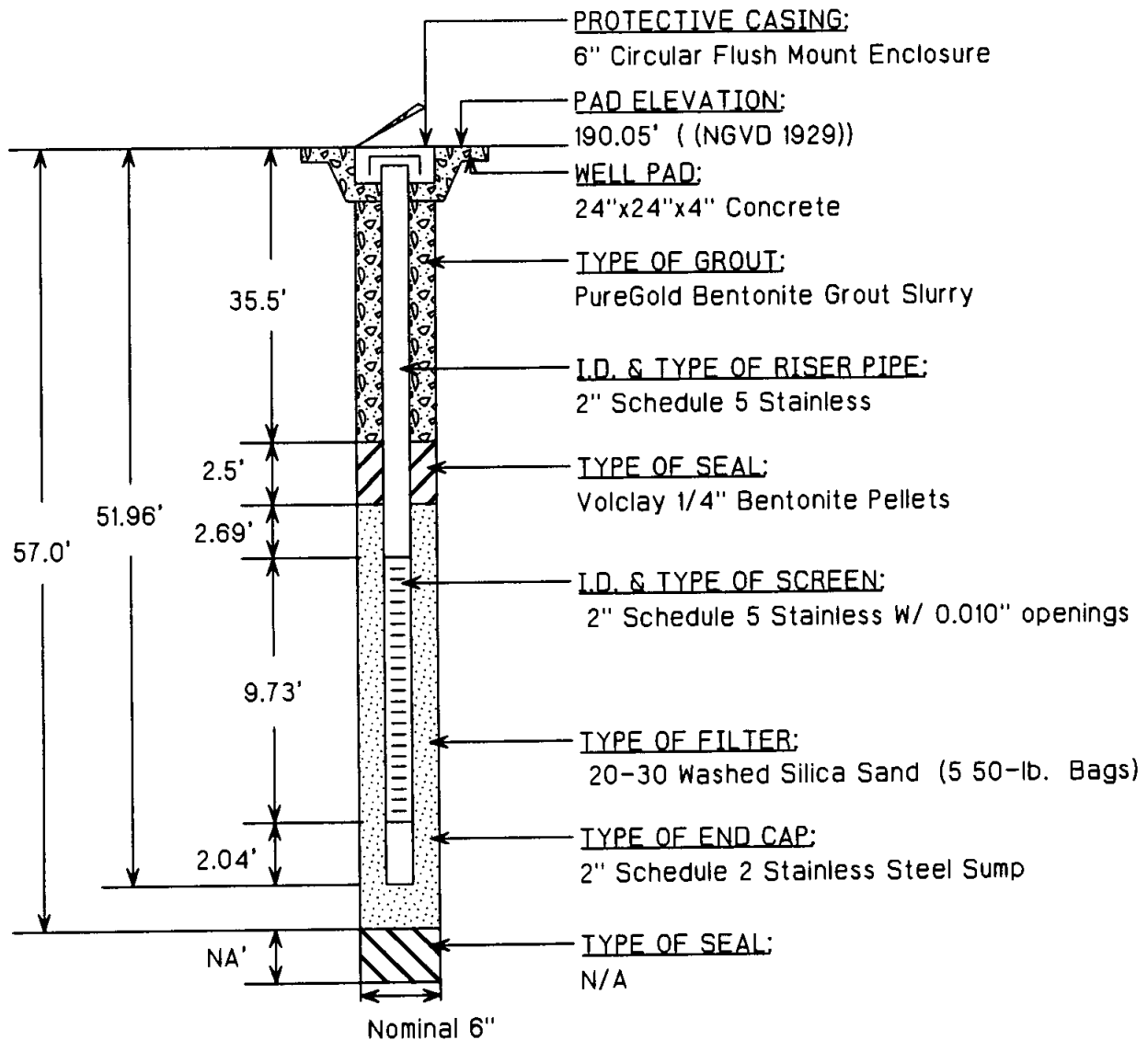
HOLE NO. : CC-MW-12I

PROJECT: Capitol City Plume



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 683944.6284' E 510601.8918'		TOP OF RISER ELEVATION (DATUM) 190.00' (NGVD 1929))	DATE 4-16-00
STRATA MONITORED Eutaw Formation			LOGGED BY D. Carter	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the drill string. Two centralizers spaced 30 feet apart were installed. Sand base of 5.04 set beneath the well casing.

REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.

WELL SCHEDULE

U. S. DEPT. OF THE INTERIOR

GEOLOGICAL SURVEY

WATER RESOURCES DIVISION

MASTER CARD

Record by C.L. Marshall Source of data State Dept. of Geol. Date 05-20-74 Map _____

State Alabama County Montgomery Sequential number: _____

Latitude: 32 deg 23 min 05 sec N Longitude: 86 deg 18 min 32 sec W

Local well number: W-11-110-30 Other well number: B & M 67

Local use: Water supply Owner or name: City of Montgomery

Owner or name: Montgomery, Ala. Address: Montgomery, Ala.

Ownership: County, Fed Gov't, City, Corp or Co, Private, State Agency, Water Dist _____

Use of water: (A) Air cond, (B) Bottling, (C) Comm, (D) Dewater, (E) Power, (F) Fire, (G) Dom, (H) Irr, (I) Med, (J) Ind, (K) P S, (L) Rec, (M) Stock, (N) Instit, (O) Unused, (P) Recharge, (Q) Desal-P S, (R) Desal-other, (S) Other _____

Use of well: (A) Anode, (B) Drain, (C) Seismic, (D) Heat Res, (E) Obs, (F) Oil-gas, (G) Recharge, (H) Test, (I) Unused, (J) Withdraw, (K) Waste, (L) Destroyed _____

DATA AVAILABLE: Well data _____ Freq. W/L meas: _____ Field aquifer char. _____

Hyd. lab. data: _____

Qual. water data; type: _____

Freq. sampling: _____ Pumpage inventory: _____

Aperture cards: _____

Log data: Drillers Log

WELL-DESCRIPTION CARD

SAME AS ON MASTER CARD Depth well: 57 ft Meas. rept accuracy _____

Depth cased: 40 ft Casing type: Steel; Diam. 24 in

Finish: (C) porous concrete, (F) gravel w. (G) gravel w. (H) horiz. (I) open perf., (J) screen, (K) sd. pt., (L) shored, (M) open hole, (N) other _____

Method Drilled: (A) air bored, (B) cable, (C) dug, (D) hyd jetted, (E) air rot., (F) percussion, (G) rotary, (H) reverse, (I) trenching, (J) driven, (K) drive wash, (L) other _____

Date Drilled: 06-12-62 Pump intake setting: _____ ft

Driller: Louis Campbell, Pensacola, Fla.

Lift (type): (A) air, (B) bucket, (C) cent, (D) jet, (E) multiple, (F) multiple, (G) none, (H) piston, (I) rot, (J) submerg, (K) turb, (L) other _____

Power (type): (A) diesel, (B) elec, (C) gas, (D) gasoline, (E) hand, (F) gas, (G) wind; (H) H.P. _____

Descrip. MP _____ ft above _____ ft below LSD, Alt. MP _____

Alt. LSD: _____ Accuracy: (source) _____

Water Level: 39 ft above _____ ft below MP; _____ ft below LSD Accuracy: _____

Date meas: 06-12-62 Yield: 639 gpm Method determined _____

Drawdown: 7 ft Accuracy: _____ Pumping period: _____ hrs

QUALITY OF WATER DATA: Iron _____ ppm Sulfate _____ ppm Chloride _____ ppm Hard. _____ ppm

Sp. Conduct _____ K x 10 Temp. _____ °F Date sampled _____

Taste, color, etc. _____

WELL No.

STATE DEPARTMENT OF PUBLIC HEALTH

ALABAMA

J-02

Application is hereby made for a Permit
TO USE A WELL AS A SOURCE OF PUBLIC WATER SUPPLY

Layne-Central Contract 8124-100
Well #9 W

1. Name of community to be served Water Works & Sanitary Sewer Board Montgomery, Alabama
2. Name of person or organization requesting permit for use Layne-Central Company 3720 North Palafox St. Pensacola, Florida
3. Address correspondence to Layne-Central Company, 3720 North Palafox St., Pensacola, Florida
4. Permit to construct well was granted on: date _____, 19_____.
5. Name of well contractor Layne-Central Company

6. The following data are submitted:

(a). TYPE OF WELL: With gravel wall Without gravel wall

(b). RECORD OF WELL CONSTRUCTION:

Date begun 6-5-62 Date completed 6-12-62

Size of hole, surface 30" bottom 36" total depth 89'

(c). SURFACE CASING: Size 24" Depth 40'

Material steel Thickness 5/16" Type joints Welded

Length 40' Thickness of cement wall around casing 3"

Method of sealing casing at bottom in absence of cement wall cement

Remarks _____

Inner casing: Size 18" Material Steel

Thickness 5/16" Type of joints Welded

Depth to top 0 Length 68' Distance inner casing laps into

surface casing 40'

Remarks 16" x 18" Swage

(d). GRAVEL WALL: Thickness 10" Length 89' Depth to top of gravel 0

Diameter of graveled section 36" Method of closing strainer bottom Solid Bottom

Remarks _____

(e). SCREENS:

Mesh	Size	Length	Material	Type Joints	Depth to Top
	16"	10'	Stainless Steel	Welded	69'

Perforation in casing should be reported under screens.

(g). WELL TEST:

G. P. M.	Draw Down (Feet)	Time Well Pumped	G. P. M.	Draw Down (Feet)	Time Well Pumped
638	9'	8 hours			

Draw down should be measured at three different pumping rates.

(h). LOG OF WELL:

Formation	Depth at Which Stratum Encountered	Thickness	Formation	Depth at Which Stratum Encountered	Thickness
Sand & clay	0	20			
Clay	20	17			
Sand & Gravel	37	39			
Sand & Gravel	76	2			
Sand	78	9			
Sandy Clay	87	9			

(i). Results of chemical analysis of sample attached.

(j). Results of bacteriological examination of sample attached.

(k). Plans and specifications on pumping equipment and installations attached.

7. We (I), in making this application, state that the "Sanitary Specifications and Construction for Water Wells" of the State Department of Public Health have been abided by in all pertinent points.

8. Estimated cost of well and pumping equipment.....

Date: October 1, 1962

Signed:
Organization Layne-Central Company

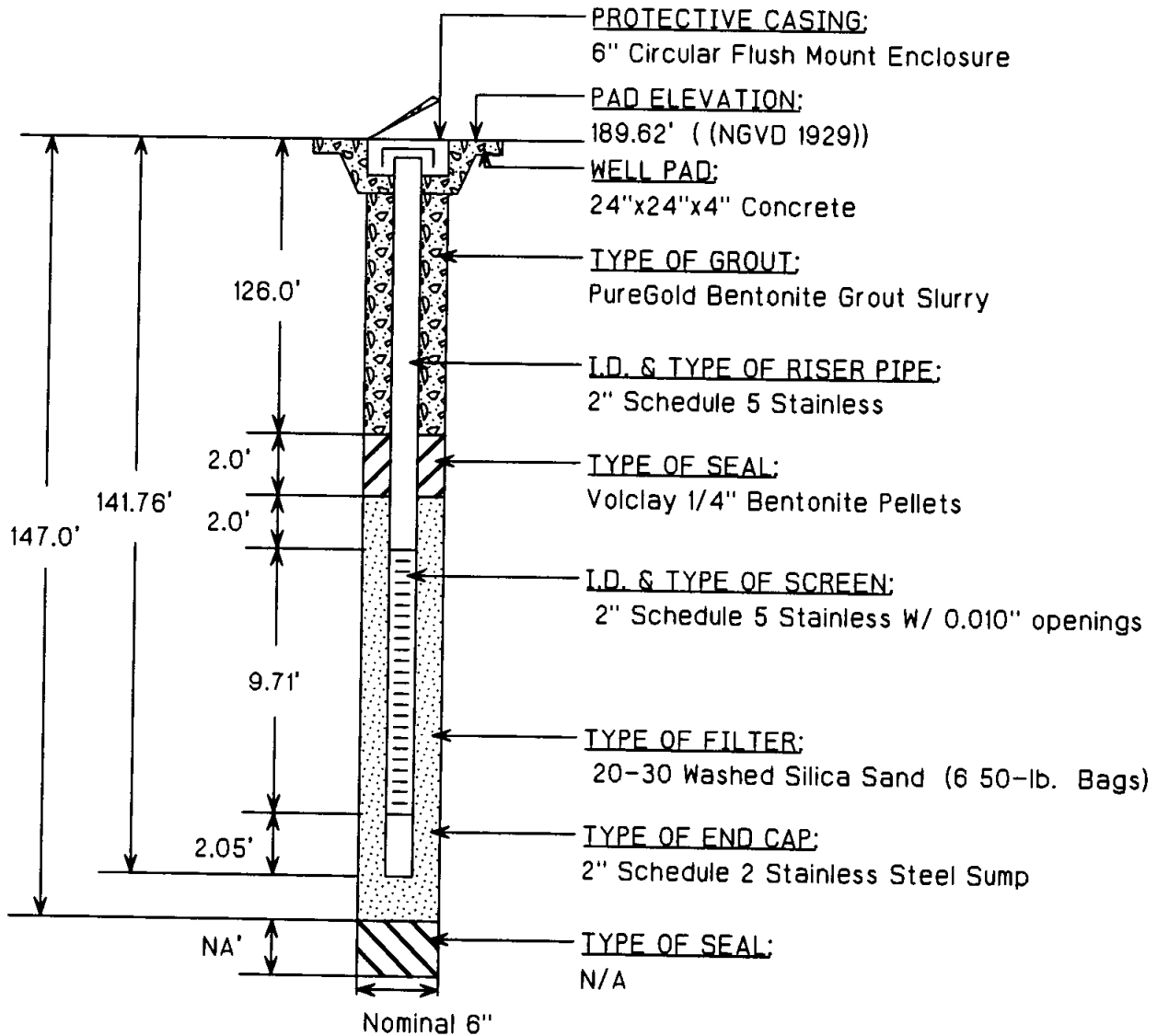
Individual Alan G. Symons

Title Alan G. Symons, District Manager



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 683943.9527' E 510596.7465'		TOP OF RISER ELEVATION (DATUM) 189.37' (NGVD 1929))	DATE 4-16-00
STRATA MONITORED Eutaw Formation			LOGGED BY D. Carter	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the casing. Four centralizers spaced 30 feet apart were installed. Sand base of 5.24' set beneath the well casing.

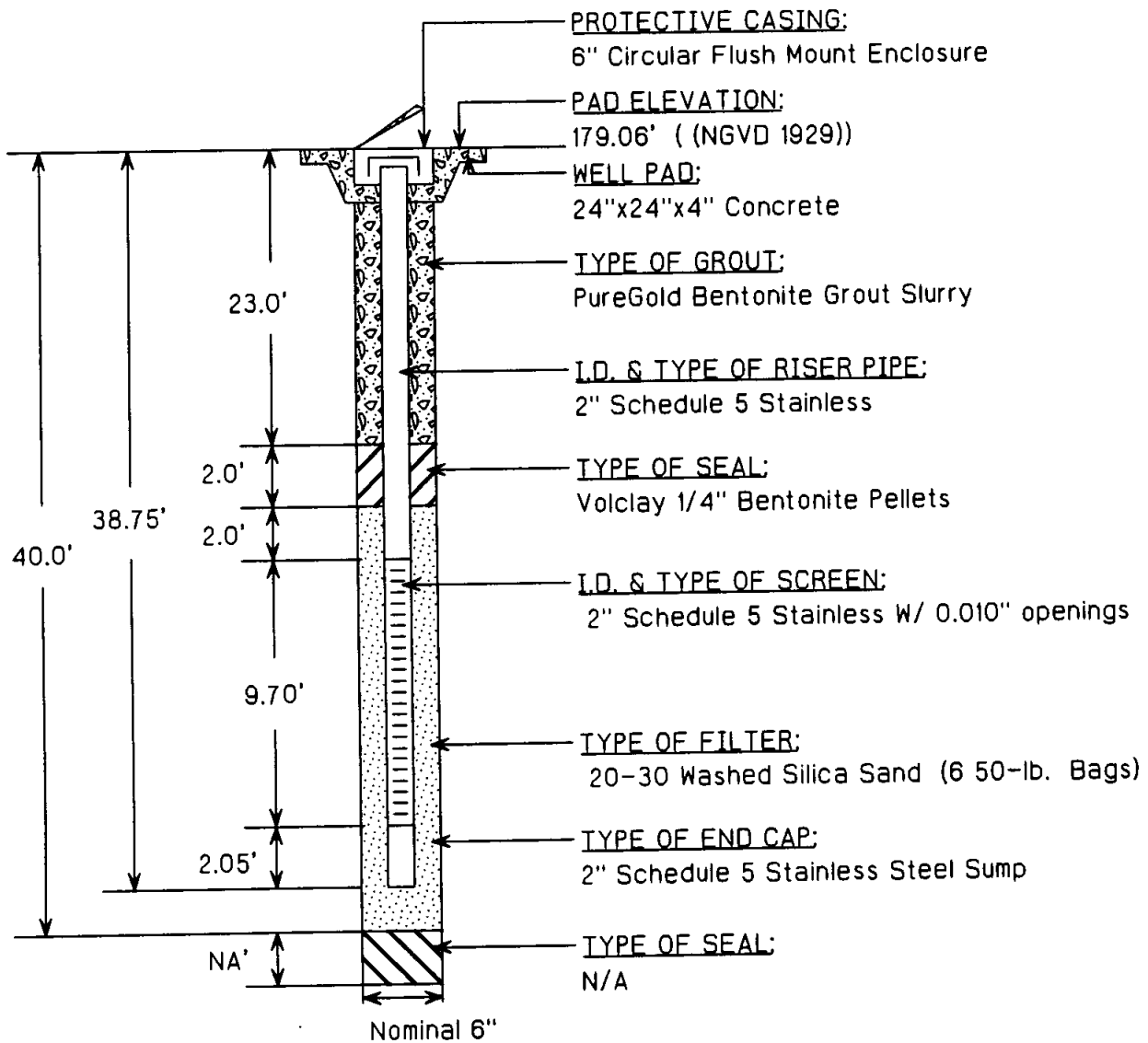
REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL		COORDINATES N 883780.1138' E 509822.9186'	TOP OF RISER ELEVATION (DATUM) 178.72' (NGVD 1929)	DATE 3-18-00
STRATA MONITORED Eutaw Formation			LOGGED BY K. King	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotosonic drive Casing. Riser, Screen and sand installed through the augers. One centralizer was installed at 27 feet bls. Sand base of 1.25 feet set beneath the well casing.

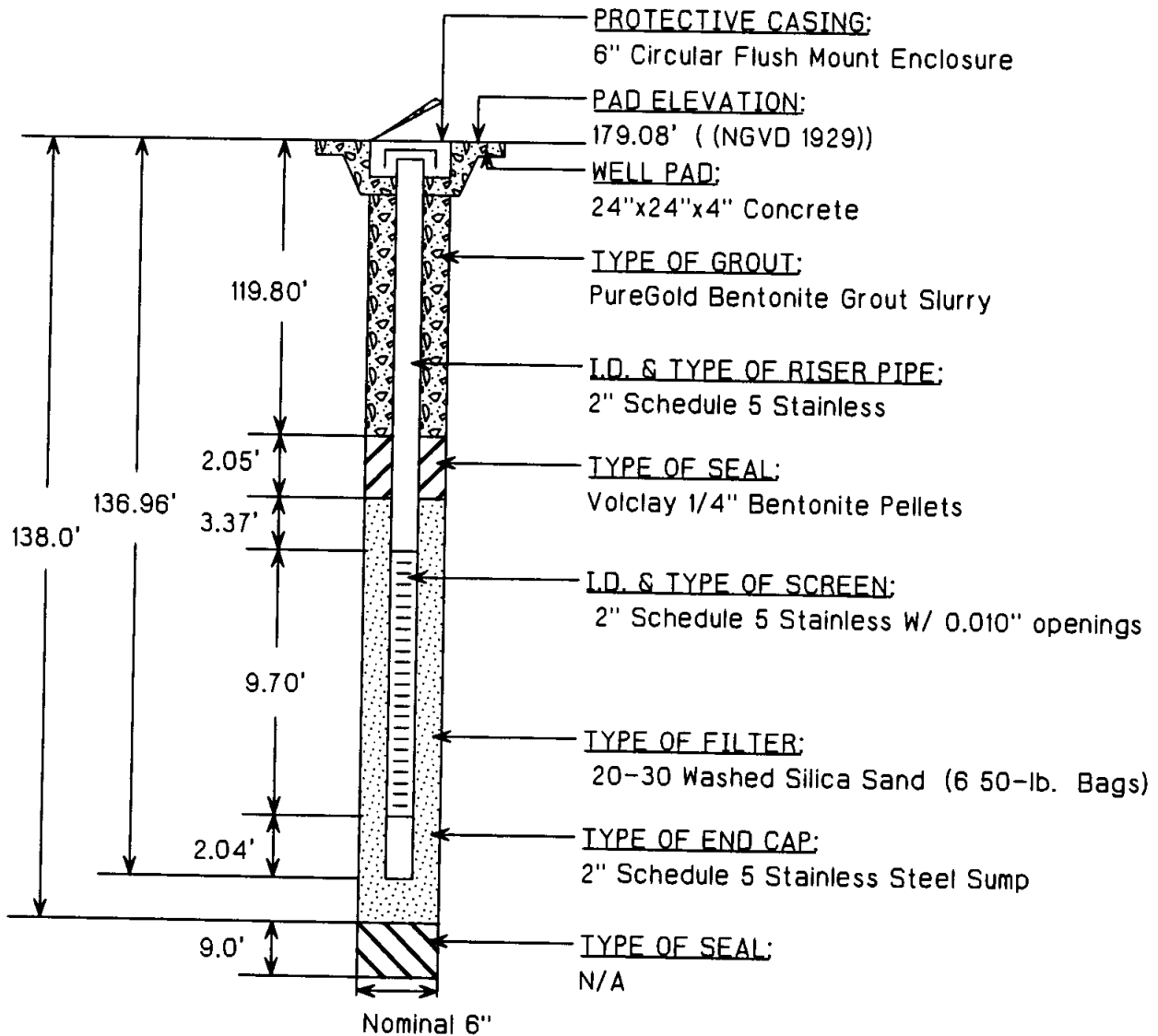
REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 883783.2341' E 509815.8720'	TOP OF RISER ELEVATION (DATUM) 178.90' ((NGVD 1928))		DATE 3-18-00
STRATA MONITORED Eutaw Formation		LOGGED BY K. King		
CHECKED BY A. Grimmke		APPROVED BY J. Jenkins		



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. One centralizer was installed at 27 feet bls. Sand base of 1.04 feet set beneath the well casing.

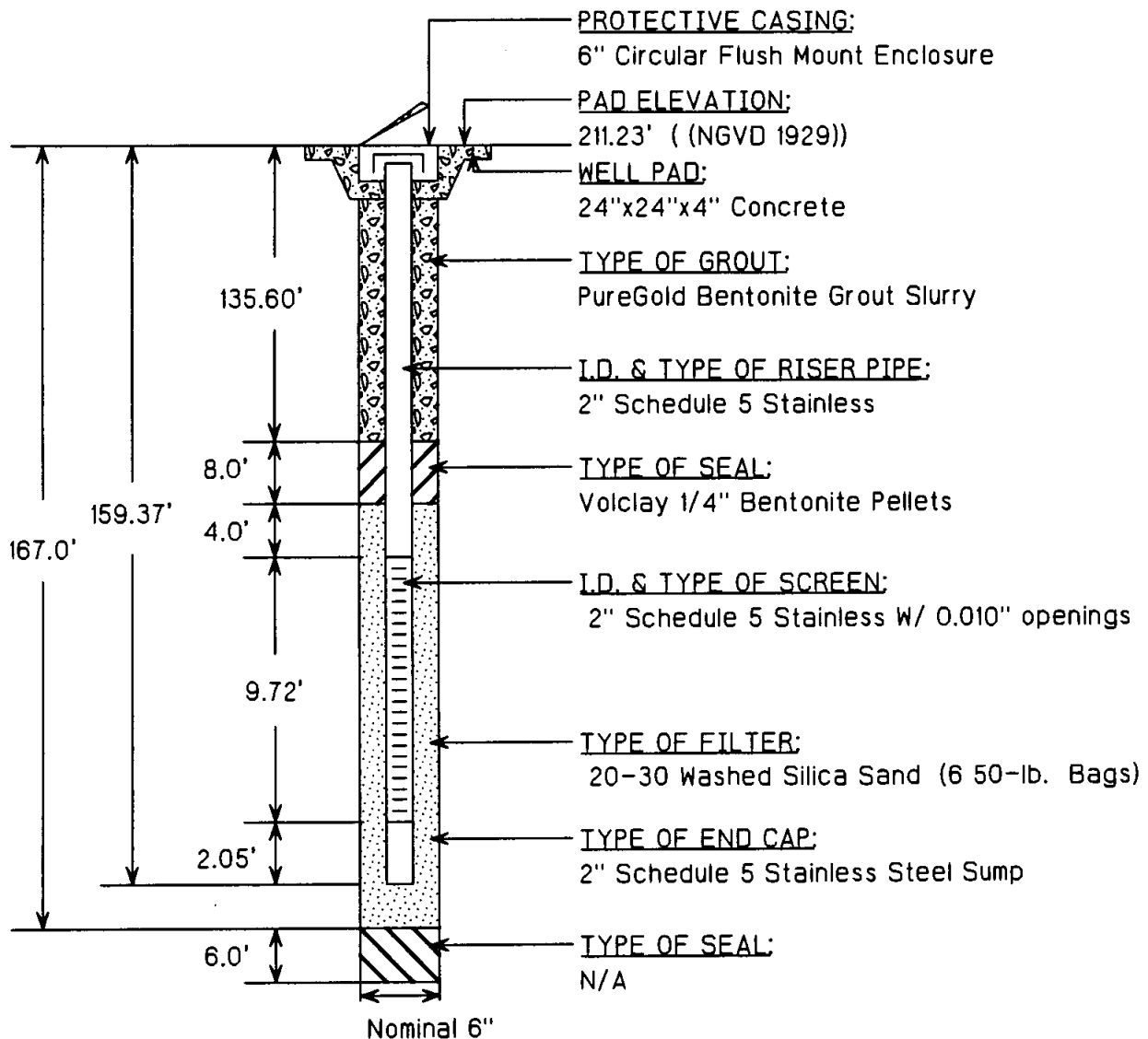
REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 684113.9165' E 511233.3067'		TOP OF RISER ELEVATION (DATUM) 210.98' ((NGVD 1929))	DATE 4-4-00
STRATA MONITORED Eutaw Formation			LOGGED BY K. King	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



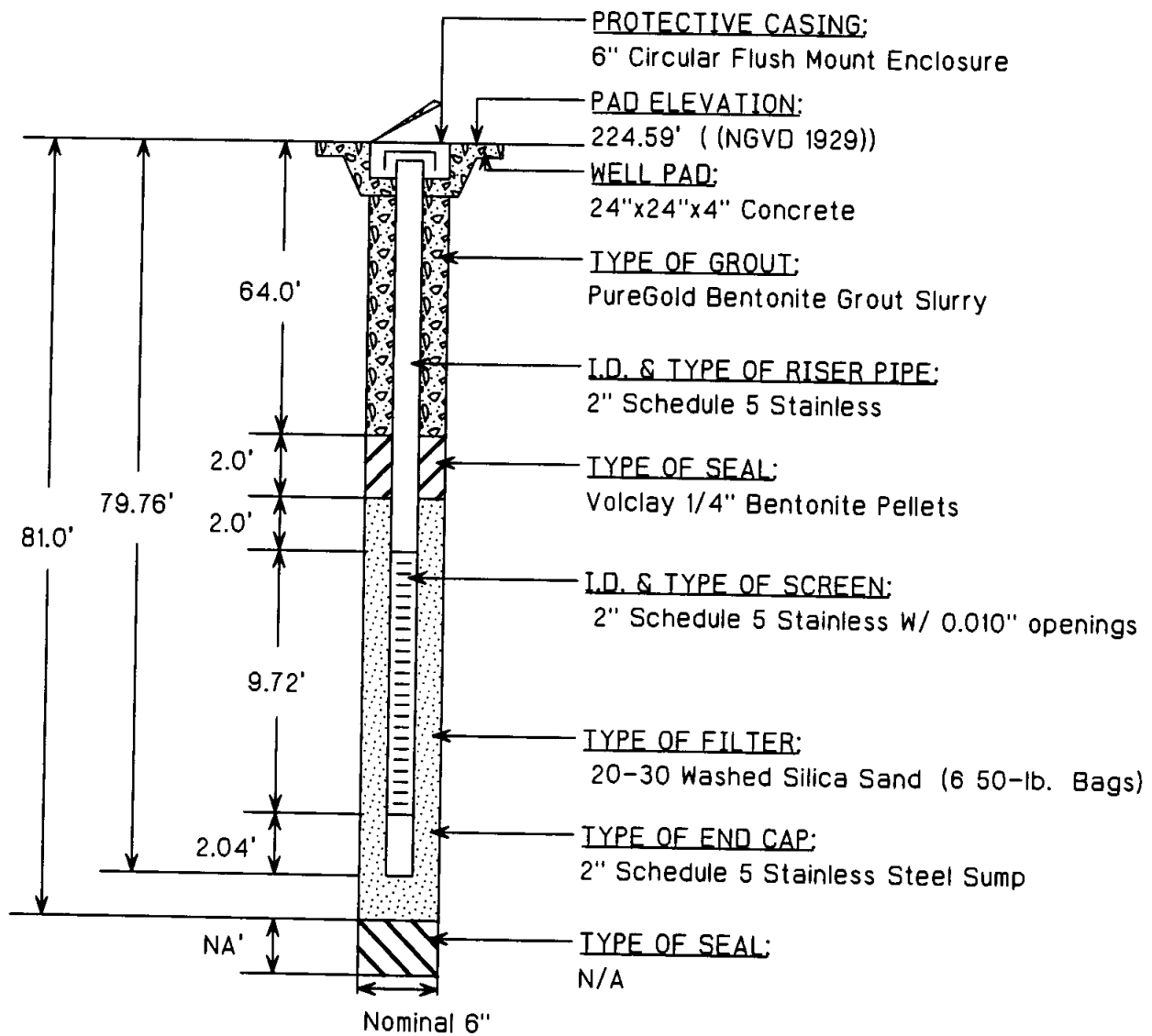
METHOD OF INSTALLATION
 Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. One centralizer was installed at 27 feet bls. Sand base of 7.63 feet set beneath the well casing.

REMARKS
 3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 684495.1576' E 511836.2713'		TOP OF RISER ELEVATION (DATUM) 224.26' (NGVD 1929)	DATE 3-18-00
STRATA MONITORED Eutaw Formation			LOGGED BY K. King	
CHECKED BY A. Grimmke		APPROVED BY J. Jenkins		



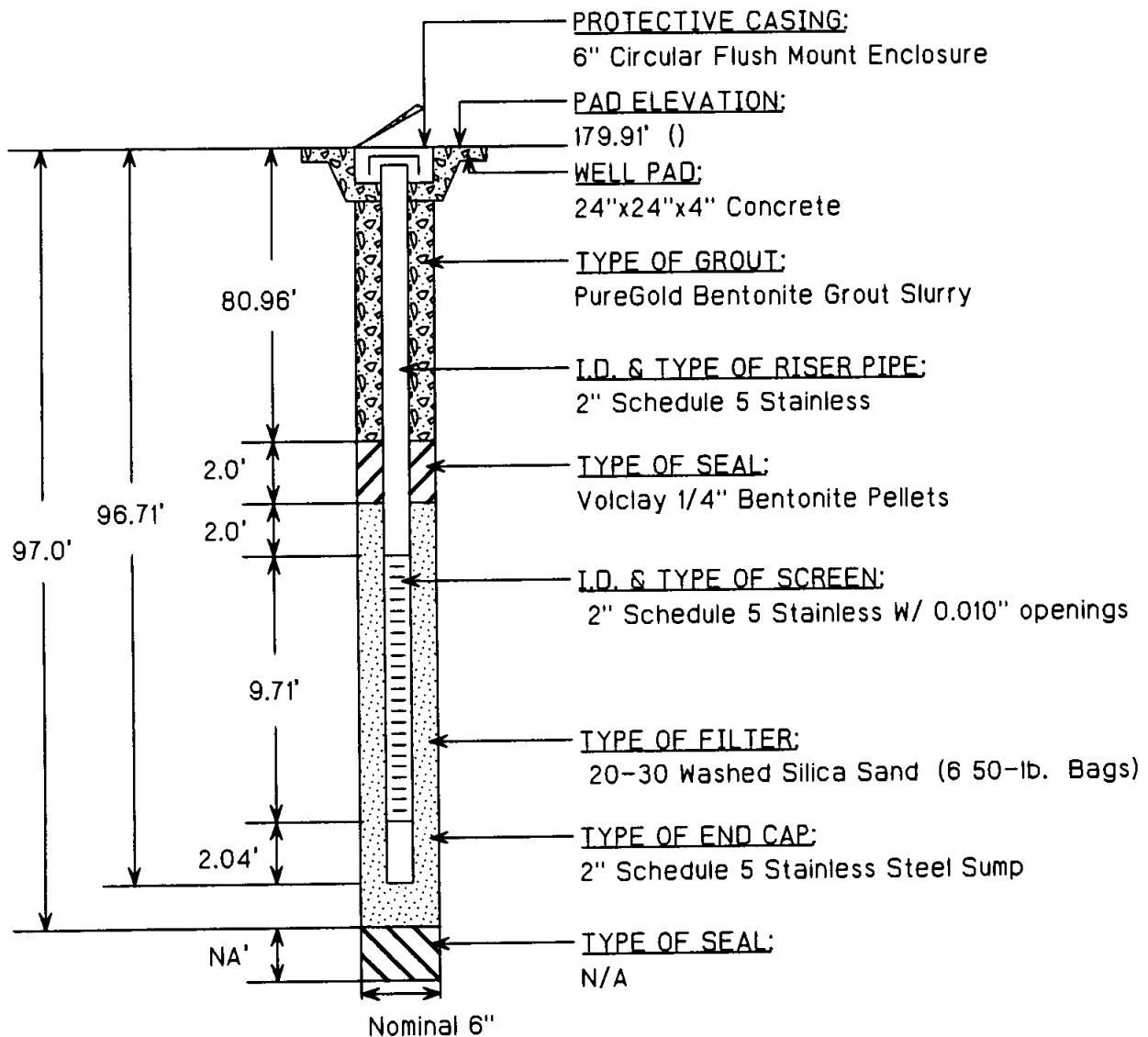
METHOD OF INSTALLATION
 Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. One centralizer was installed at 27 feet bls. Sand base of 1.24 feet set beneath the well casing.

REMARKS
 3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 684401.4560' E 510402.0445'	TOP OF RISER ELEVATION (DATUM) 179.65' ()		DATE 3-18-00
STRATA MONITORED Eutaw Formation			LOGGED BY K. King	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. One centralizer was installed at 27 feet bis. Sand base of 0.29 feet set beneath the well casing.

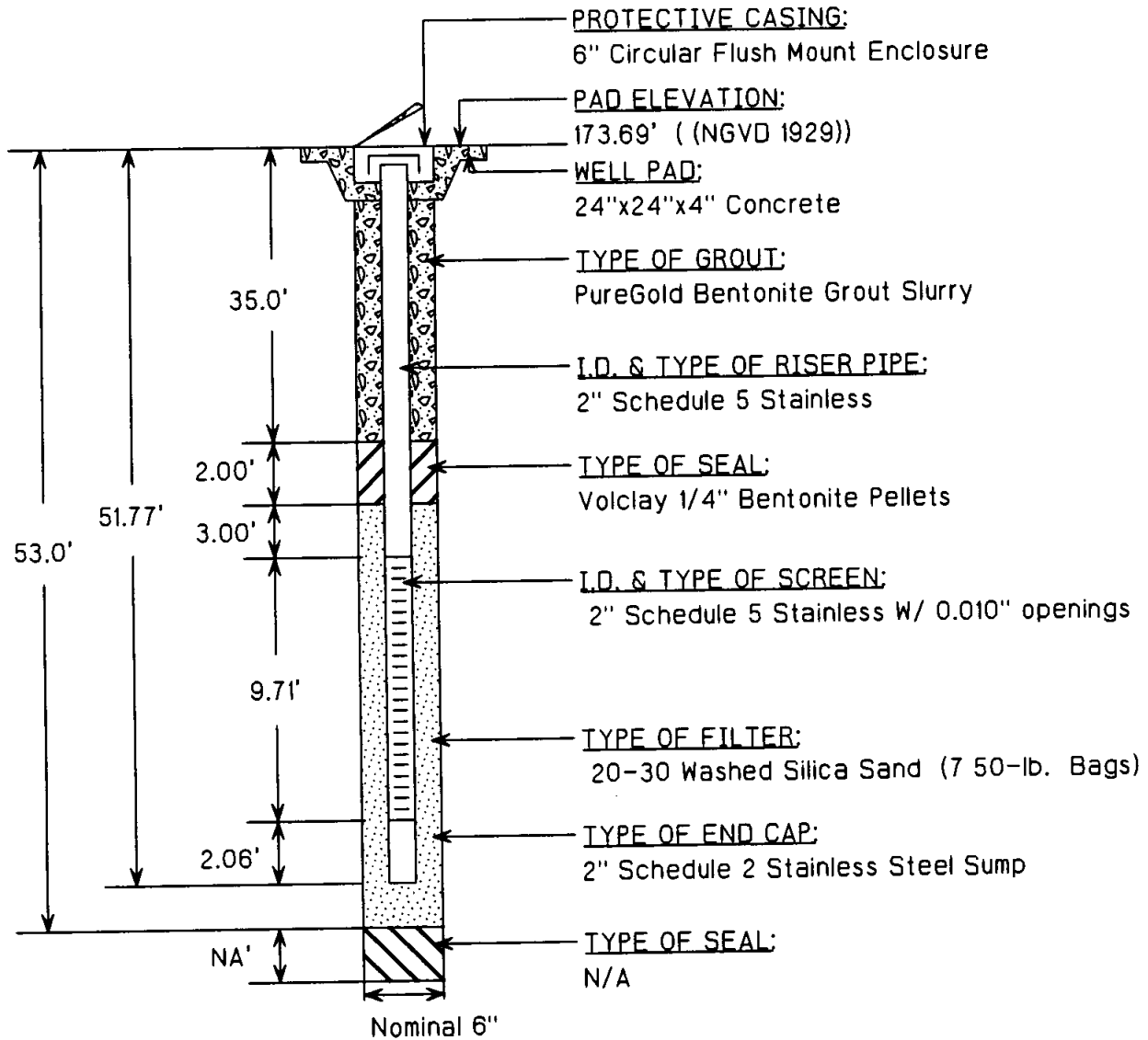
REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 685008.2200' E 510169.0963'		TOP OF RISER ELEVATION (DATUM) 173.46' (NGVD 1929))	DATE 4-18-00
STRATA MONITORED Eutaw Formation			LOGGED BY D. Carter	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



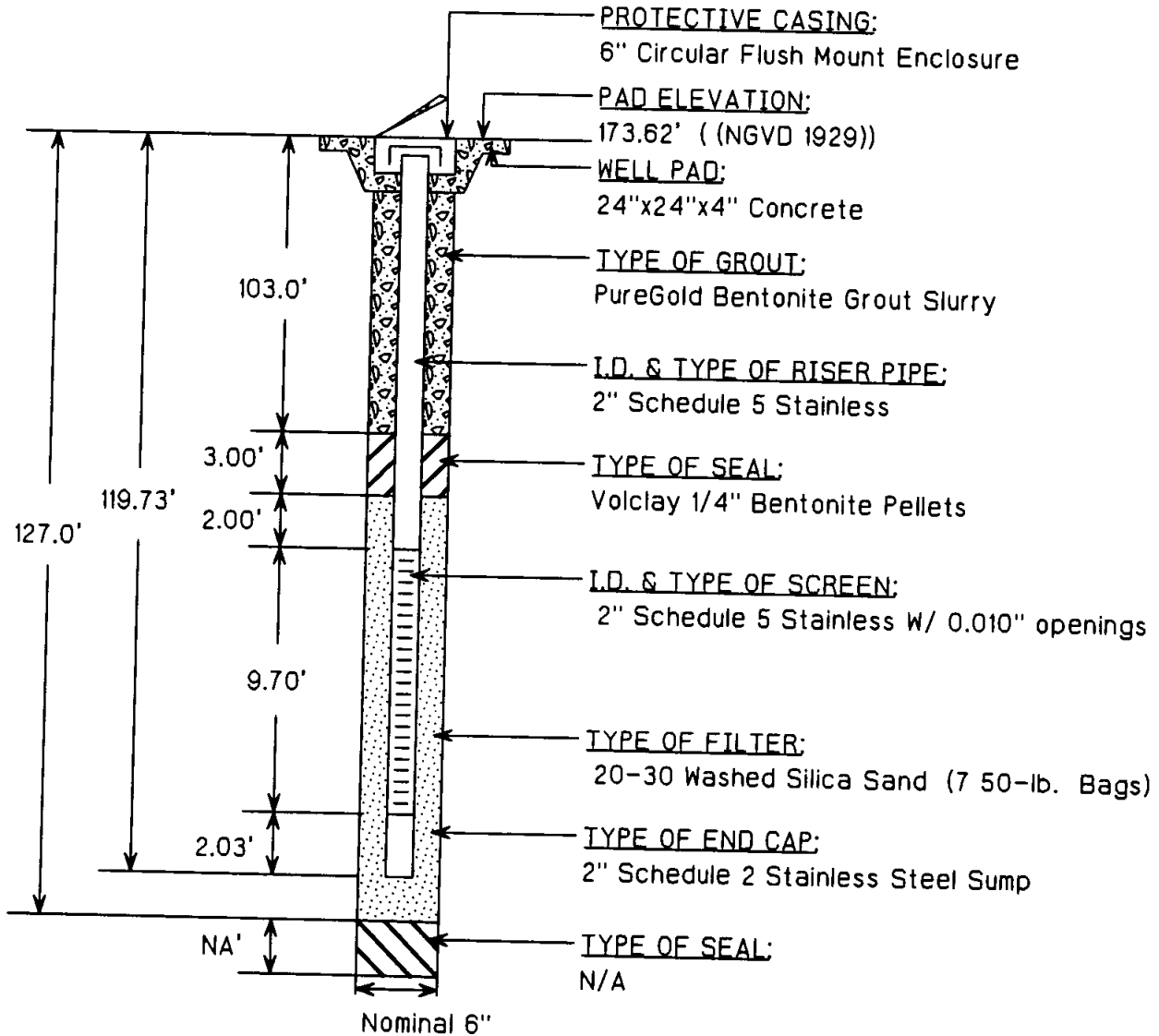
METHOD OF INSTALLATION
Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. Four centralizers spaced 30 feet apart were installed. Sand base of 1.23' set beneath the well casing.

REMARKS
3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 685003.1506' E 510168.9873'		TOP OF RISER ELEVATION (DATUM) 173.42' (NGVD 1929)	DATE 4-18-00
STRATA MONITORED Eutaw Formation			LOGGED BY D. Carter	
CHECKED BY A. Grimmke		APPROVED BY J. Jenkins		



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. Four centralizers spaced 30 feet apart were installed. Sand base of 7.27' set beneath the well casing.

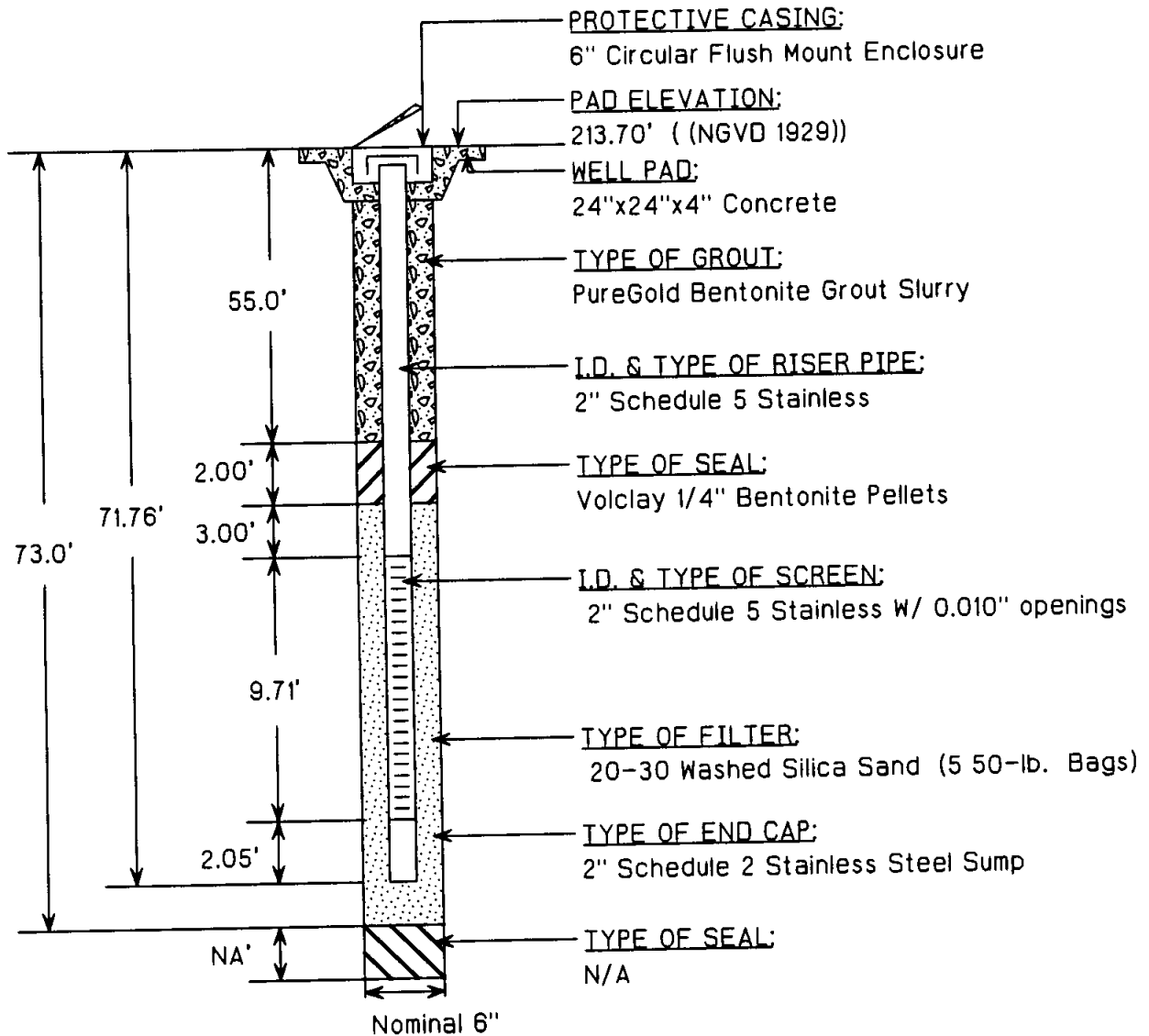
REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 882890.1543' E 510287.1109'	TOP OF RISER ELEVATION (DATUM) 213.41' (NGVD 1929)		DATE 4-14-00
STRATA MONITORED Eutaw Formation			LOGGED BY D. Carter	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. Four centralizers spaced 30 feet apart were installed. Sand base of 1.24' set beneath the well casing.

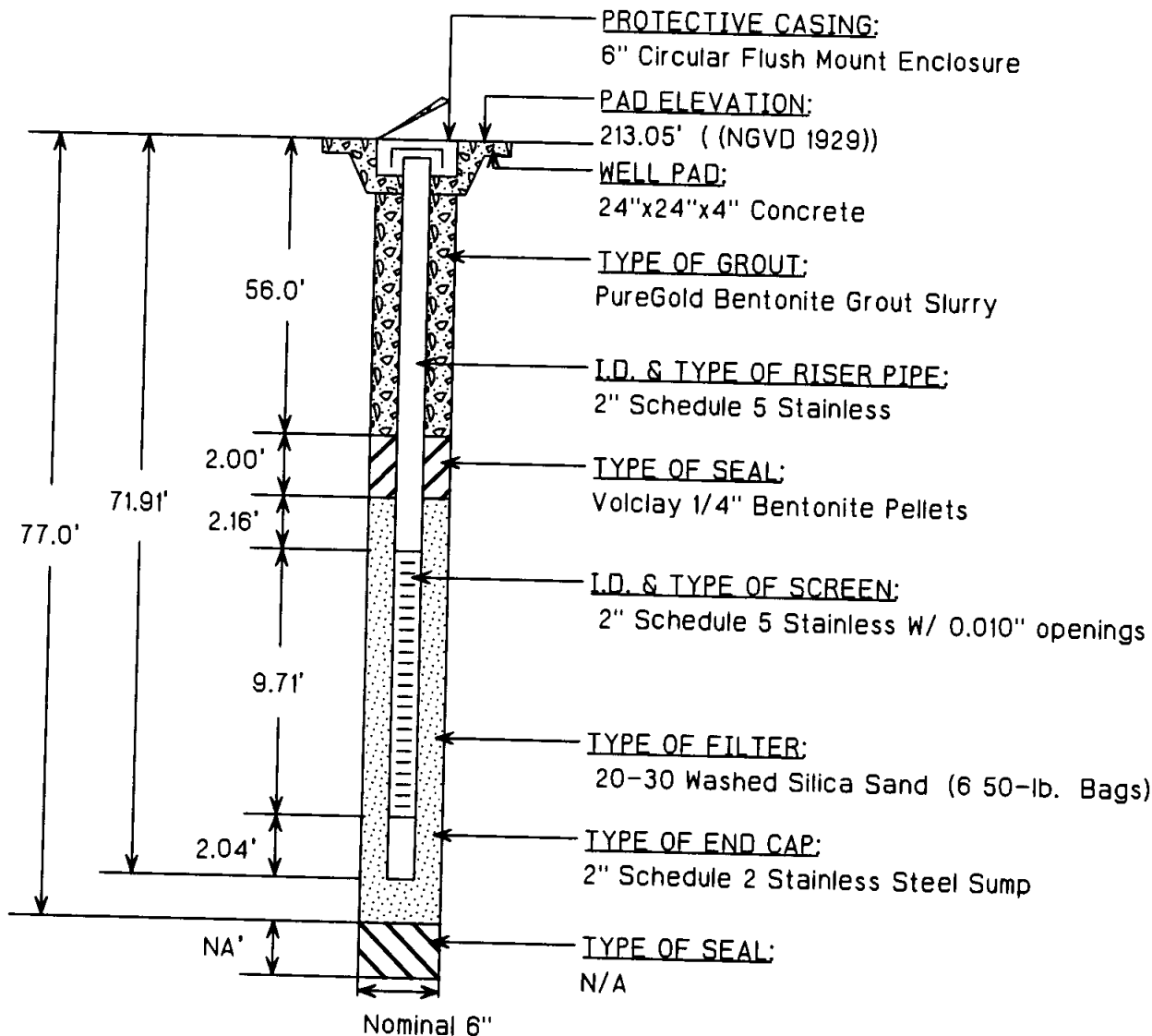
REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 883543.5849' E 510867.6602'		TOP OF RISER ELEVATION (DATUM) 212.67' ((NGVD 1929))	DATE 4-10-00
STRATA MONITORED Eutaw Formation			LOGGED BY D. Carter	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. Four centralizers spaced 30 feet apart were installed. Sand base of 5.09' set beneath the well casing.

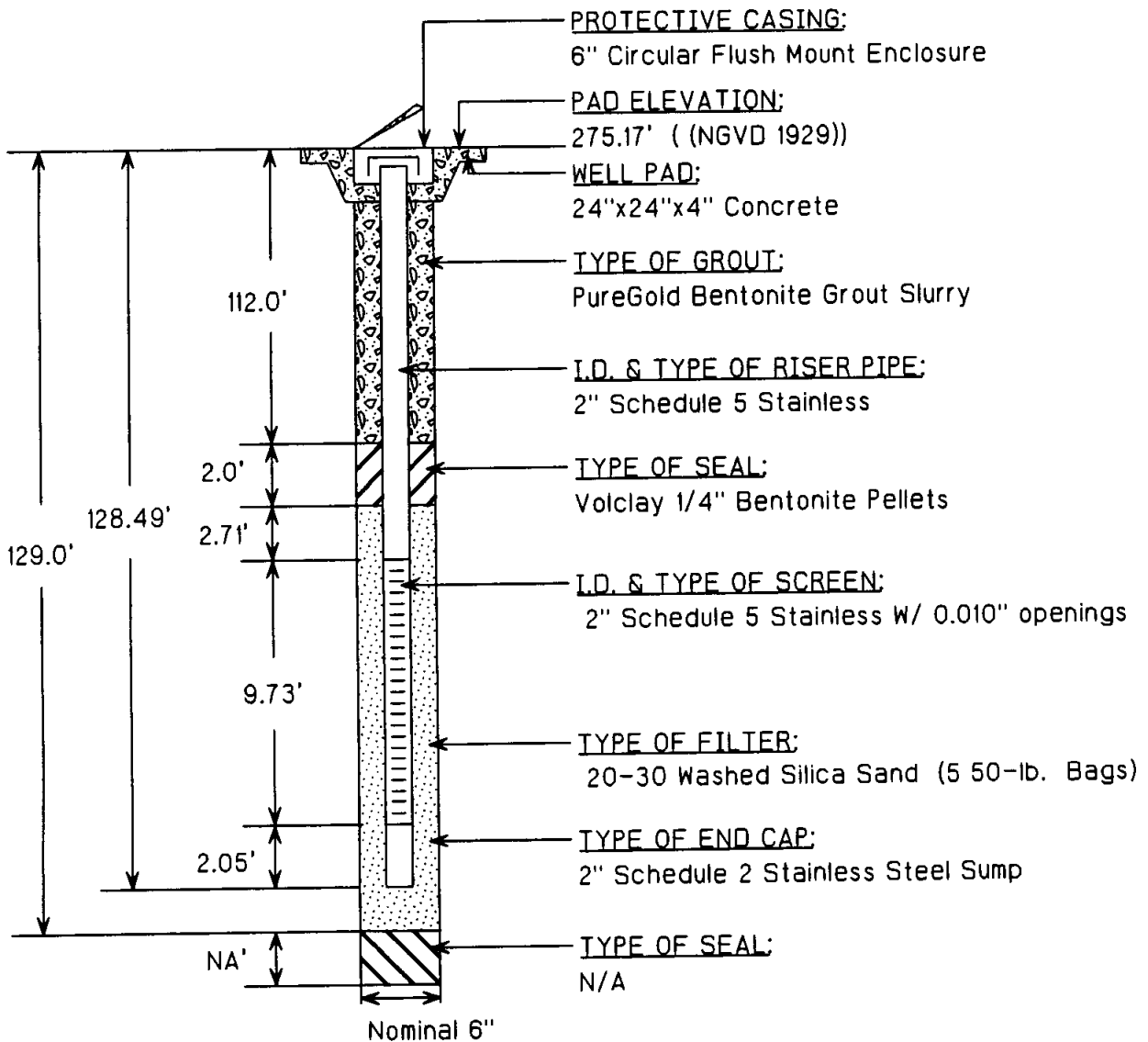
REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site	PROJECT NO. 0481011.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 682464.3900' E 512268.9760'	TOP OF RISER ELEVATION (DATUM) 274.92' (NGVD 1929)	DATE 3-8-00
STRATA MONITORED Eutaw Formation		LOGGED BY K. King	
CHECKED BY A. Grimmke		APPROVED BY J. Jenkins	



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. Four centralizers spaced 30 feet apart were installed. Sand base of 0.5' set beneath the well casing.

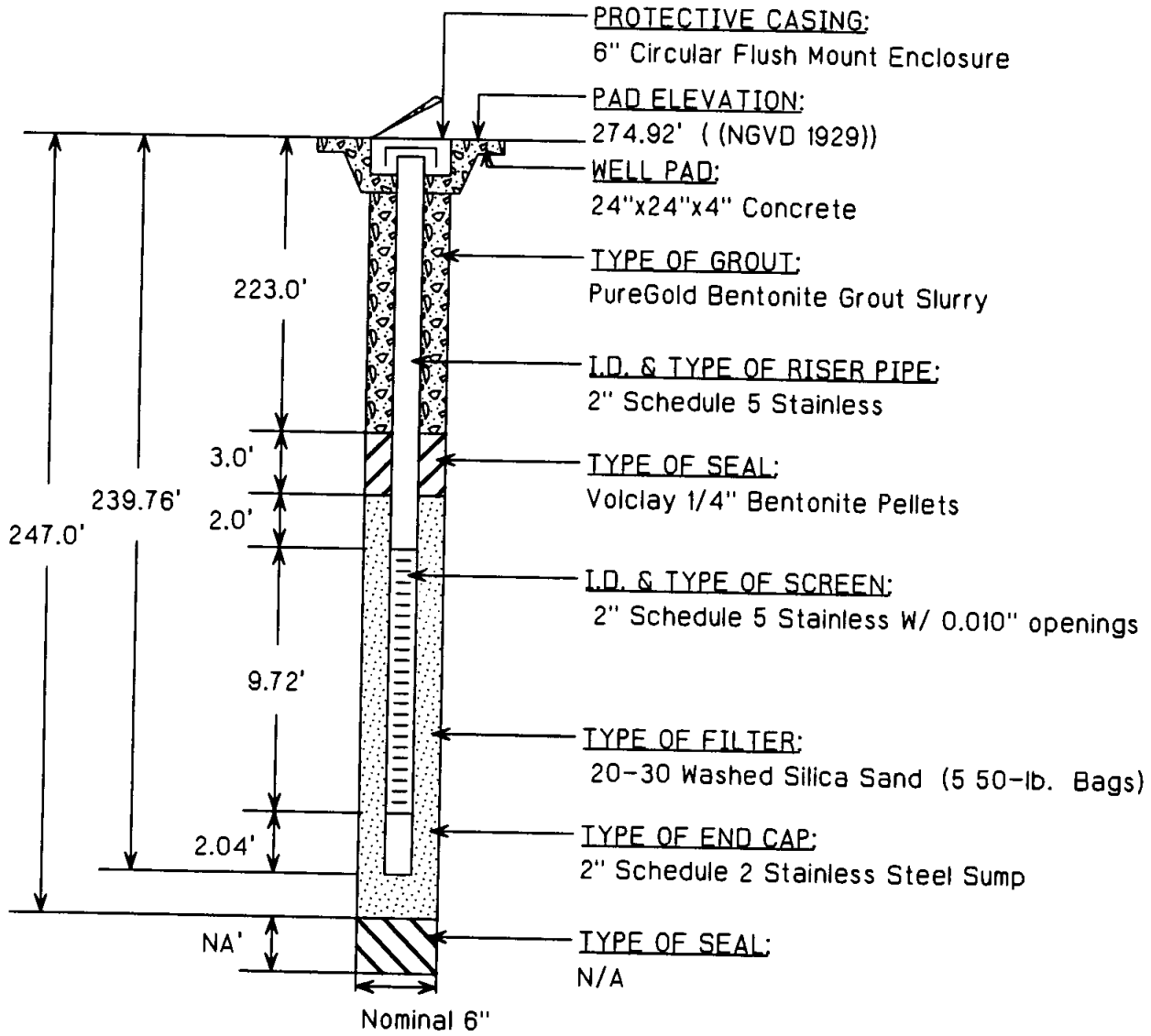
REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.



WELL INSTALLATION LOG

CLIENT U.S. Environmental Protection Agency		PROJECT Capitol City Plume Site		PROJECT NO. 048101.0103
PROJECT LOCATION Montgomery, AL	COORDINATES N 682455.6790' E 512269.6060'		TOP OF RISER ELEVATION (DATUM) 274.74' (NGVD 1929)	DATE 4-13-00
STRATA MONITORED Eutaw Formation			LOGGED BY D. Carter	
CHECKED BY A. Grimmke			APPROVED BY J. Jenkins	



METHOD OF INSTALLATION

Boring drilled to completion using nominal 6" I.D. Rotasonic drive Casing. Riser, Screen and sand installed through the augers. Four centralizers spaced 30 feet apart were installed. Sand base of 7.24' set beneath the well casing.

REMARKS

3/8" Baroid Bentonite Pellets were used for the seal. Bentonite seal hydrated in the water table. Developed with Grundfos Rediflo 2 submersible pump with Honda EM3500S generator. Surged with pump.

Appendix B
Groundwater and Soil Vapor
Sampling Logs

MGM DEAP

Plume Groundwater Gauging and Sampling Log

July 2016

Montgomery Downtown Environmental Assessment Project GROUNDWATER SAMPLING LOG

SITE NAME: Montgomery DEAP	SITE LOCATION: Downtown Montgomery, AL	PROJECT NUMBER: 666378 01.GW
WELL NO: MW-7I	SAMPLE ID: <i>MTS GW-00-0716</i>	DATE: 7/12/16

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 128	STATIC DEPTH TO WATER (ft): 34.90	WELL CAPACITY (gal/ft): 0.16
1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =			
= (128 - 34.90) x 0.16 =			

PURGE METHOD:			PURGE INITIATED AT: 1609			PURGE ENDED AT:			TOTAL VOL. PURGED (gal):	
TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm) mL/min	DEPTH TO WATER (ft)	pH	TEMP. (°C)	SPECIFIC CONDUCTANCE (µmhos)	TURBIDITY (NTUs)	Dissolved Oxygen (mg/L)	Oxygen-Reduction Potential (mV)
1615	0.5	0.5	225	35.05	5.67	24.20	0.142	321.5	6.04	107.7
1625	0.5	1.0	225	35.05	5.64	22.53	0.137	189.4	4.65	119.9
1635	0.5	1.5	225	35.10	5.58	22.58	0.130	105.3	3.42	131.8
1645	0.5	2.0	225	35.10	5.65	22.34	0.127	65.0	3.03	127.0
1655	0.5	2.5	225	35.15	5.66	22.23	0.125	38.1	2.76	139.4
1705	0.5	3.0	225	35.15	5.66	22.10	0.125	22.7	2.66	145.3
1710	0.25	3.25	225	35.15	5.66	22.08	0.125	23.5	3.51	157.8
1715	0.25	3.5	225	35.15	5.67	22.12	0.124	13.9	3.46	154.0
1720	0.25	3.75	225	35.15	5.68	22.10	0.124	11.6	3.30	159.7
1725	0.25	4.0	225	35.15	5.66	22.11	0.124	8.2	3.13	158.2

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT) / AFFILIATION: <i>Jestina Hansen / Chem Services Verhoff / Chem</i>	SAMPLER(S) SIGNATURE(S): <i>[Signature]</i> <i>James P Verhoff</i>
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SAMPLING METHOD(S): <i>Header Pump, Low-flow</i>	SAMPLING INITIATED AT: 1725	SAMPLING ENDED AT:
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FIELD DECONTAMINATION: <input checked="" type="checkbox"/> Y <input type="checkbox"/> N	FIELD-FILTERED: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	DUPLICATE: <input type="checkbox"/> Y <input checked="" type="checkbox"/> N
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SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	40mL	He	- pre-filled	-	

REMARKS: Pump Settings Fill 35 Discharge 25

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

Montgomery Downtown Environmental Assessment Project GROUNDWATER SAMPLING LOG

SITE NAME: Montgomery DEAP	SITE LOCATION: Downtown Montgomery, AL	PROJECT NUMBER: 666378.01.GW
WELL NO: MW-25	SAMPLE ID: GW-08-0716	DATE: 7/13/16

PURGING DATA

WELL DIAMETER (in): 2	TOTAL WELL DEPTH (ft): 59.8	STATIC DEPTH TO WATER (ft): 41.45	WELL CAPACITY (gal/ft):
1 WELL VOLUME (gal) = (TOTAL WELL DEPTH - DEPTH TO WATER) X WELL CAPACITY =			
= (59.8 - 41.45) X =			

PURGE METHOD: Bladder, Low Flow				PURGE INITIATED AT: 0715			PURGE ENDED AT:		TOTAL VOL. PURGED (gal):	
TIME	VOLUME PURGED (gal)	CUMUL. VOLUME PURGED (gal)	PURGE RATE (gpm) mL/min	DEPTH TO WATER (ft)	pH	TEMP. (°C)	SPECIFIC CONDUCTANCE (µmhos/cm)	TURBIDITY (NTUs)	Dissolved Oxygen (mg/L)	Oxygen-Reduction Potential (mV)
0725	0.4	0.4	150	40.50	5.25	23.48	0.387	61.2	6.73	221.5
0735	0.6	1	150	40.50	5.22	23.30	0.384	68.5	6.71	244.6
0745	0.5	1.5	150	40.50	5.23	23.25	0.383	51.0	6.76	255.7
0755	0.5	2.0	150	40.50	5.23	23.16	0.381	31.4	6.78	261.6
0805	0.5	2.5	150	40.50	5.23	23.17	0.379	18.7	6.91	263.8
0810	0.25	2.25	150	40.50	5.23	23.17	0.379	15.3	6.96	264.7
0815	0.25	2.5	150	40.50	5.23	23.17	0.378	11.3	6.99	265.5
0818	0.2	2.7	150	40.50	5.23	23.16	0.378	9.5	6.96	266.0
0821	0.3	3	150	40.50	5.23	23.17	0.378	8.9	6.83	267.0

WELL CAPACITY (Gallons per Foot): 0.75" = 0.02; 1" = 0.04; 1.25" = 0.06; 2" = 0.16; 3" = 0.37; 4" = 0.65; 5" = 1.02; 6" = 1.47; 12" = 5.88

SAMPLING DATA

SAMPLED BY (PRINT): Jeshra Hansen /CH2M	SAMPLER(S) SIGNATURE(S): James Verhoff
AFFILIATION: James Verhoff /CH2M	

SAMPLING METHOD(S): Bladder, Low Flow	SAMPLING INITIATED AT: 0825	SAMPLING ENDED AT:
---------------------------------------	-----------------------------	--------------------

FIELD DECONTAMINATION: <input checked="" type="radio"/> N	FIELD-FILTERED: Y <input checked="" type="radio"/> N	DUPLICATE: Y <input checked="" type="radio"/> N
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SAMPLE CONTAINER SPECIFICATION			SAMPLE PRESERVATION			INTENDED ANALYSIS AND/OR METHOD
NO.	MATERIAL CODE	VOLUME	PRESERVATIVE USED	TOTAL VOLUME ADDED IN FIELD (mL)	FINAL pH	
2	AG	40 mL	HCl	- pre-filled	-	

REMARKS: Pump Settings - Fill 20, Discharge 15

MATERIAL CODES: AG = AMBER GLASS; CG = CLEAR GLASS; PE = POLYETHYLENE; O = OTHER (SPECIFY)

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM DEAP
Project #:	Letele 378 01-56
Sampler Name:	Jean Simms / Jason Hansen
Date:	7/19/16
Site	
Identification:	MGM Capital City Plaza
Address:	Downtown MGM area
Site Information:	
Describe ground cover	Dirt - construction zone
Depth to groundwater (feet below ground surface)	
Describe vadose zone soil type(s)	
Was a soil boring log completed?	N
Was a probe diagram completed?	N

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log			
Sample location (describe and show in diagram)	West side Annex III		
Probe and Sample Identification (field ID)	AMS-02-2916		
Probe Installation	Date and time	9/19/16 1616	
	Depth of hole drilled (feet below ground surface)	12 ft bags	
	Bottom of probe screen (feet below ground surface)	12 ft bags	
	Length of probe screen (inches)	2	
	Width of probe screen (inches)	0.5	
	Dead volume - including screen, sand pack, and tubing (mL)		
	Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	Pass
Probe Purge	Purge rate (mL/min)	200	
	Purge start time	1650	
	Purge vacuum ("Hg)	0	
	Purge completion time	1655	
Helium Leak Check*	Leak check (% or ppmv helium)	40% 40%	
Field Analysis (optional)	GEM2000 - O2 (%)	4.6%	
Minirac Plus	GEM2000 - CO _x (%)	7%	15% 1% LEL
	GEM2000 - CH ₄ (%)	—	
	PID - Total VOCs (ppmv)	2.6	
Canister Sampling	Canister ID	1221	
	Flow controller ID	874	
	Pressure gauge ID (optional)	—	
	Sampling rate or period (mL/min or hours)	~ 200	
	Sample start date and time	9/19/16 at 1700	
	Initial canister pressure ("Hg)	28.38	
	Sampling vacuum ("Hg)	-3	
	Sample completion date and time	9/19/16 1707 (at)	
Final canister pressure ("Hg)	-3.95		

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: Partly cloudy, 90°, >50% humidity

Observations and Comments: Purge gun reading 0 ppm, no leak

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM CCP
Project #:	66638 or 56
Sampler Name:	Jenn Simms / Sestina Hansen
Date:	9/20/16

Site	
Identification:	MGM Capital City Plume
Address:	Downtown Montgomery
Site Information:	
Describe ground cover	Landscape Pine Needle mulch cover
Depth to groundwater (feet below ground surface)	—
Describe vadose zone soil type(s)	—
Was a soil boring log completed?	N
Was a probe diagram completed?	N

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log

Sample location (describe and show in diagram)	AMT AG office E	Field Analysis (optional)	GEM2000 - O2 (%)	19.3%	
Probe and Sample Identification (field ID)	AMS-03-0916		GEM2000 - CO2 (%)	5%	
Probe Installation	Date and time	9/20/16 1047	GEM2000 - CH4 (%)	—	
	Depth of hole drilled (feet below ground surface)	12.5	PID - Total VOCs (ppmv)	Unstable	
	Bottom of probe screen (feet below ground surface)	12 ft bgs	Canister Sampling	Canister ID	1315
	Length of probe screen (inches)	2		Flow controller ID	1060
	Width of probe screen (inches)	0.5		Pressure gauge ID (optional)	—
	Dead volume - including screen, sand pack, and tubing (mL)			Sampling rate or period (mL/min or hours)	200
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	Pass		Sample start date and time	9/20/16 1230
Probe Purge	Purge rate (mL/min)	200/125	Initial canister pressure (" Hg)	-29.74	
	Purge start time	11:18 / 11:37	Sampling vacuum (" Hg)	-4	
	Purge vacuum (" Hg)	-4 / -3 / -2	Sample completion date and time	1235	
	Purge completion time	11:24	Final canister pressure (" Hg)	-2.24	
Helium Leak Check*	Leak check (% or ppmv helium)	54%	Second Test 28%, 40%, 21% 3rd = 32%, 41%		

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: Clear, humid, high near 90°

Observations and Comments: 1st = 5.1% in purge gas, fail leak test
2nd Test He = 19,000 ppm, 3rd Test He = 2,750 ppm, passed
4th Test He = 2850 ppm

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM DEAP
Project #:	666 378 056
Sampler Name:	Levi Stone / Nathan Hansen
Date:	9/19/16

Site	
Identification:	MGM Capital City Plaza
Address:	Downtown Montgomery Area
Site Information:	
Describe ground cover:	Low vegetation on edge of sidewalk
Depth to groundwater (feet below ground surface):	—
Describe vadose zone soil type(s):	—
Was a soil boring log completed?	N
Was a probe diagram completed?	N

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log				
Sample location (describe and show in diagram)	North of Annex III			
Probe and Sample Identification (field ID)	AMS-01 0916			
Probe Installation	Date and time	9/19/16 @ 1500		
	Depth of hole drilled (feet below ground surface)	12 ft bags		
	Bottom of probe screen (feet below ground surface)	12 ft bags		
	Length of probe screen (inches)	2		
	Width of probe screen (inches)	0.5		
	Dead volume - including screen, sand pack, and tubing (mL)			
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	Pass		
Probe Purge	Purge rate (mL/min)	200		
	Purge start time	1533		
	Purge vacuum (" Hg)	0		
	Purge completion time	1539		
Helium Leak Check*	Leak check (% or ppmv helium)	54.4%, 35%, 46%		
Field Analysis (optional)	GEM2000 - O2 (%)	20.9		
	GEM2000 - CO2 (%)	23		
	GEM2000 - CH4 (%)	—		
	PID - Total VOCs (ppmv)	4.4 5.4		
	Canister Sampling	Canister ID	2239	
		Flow controller ID	1451	
		Pressure gauge ID (optional)	—	
		Sampling rate or period (mL/min or hours)	~200 mL/min	
Sample start date and time		9/19/16 1550*, 555*, 16:02*		
Initial canister pressure (" Hg)		-29.91		
Sampling vacuum (" Hg)		0		
Sample completion date and time		1550:30*, 1559, 16:07		
Final canister pressure (" Hg)	-3.57			

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling:

Partly Cloudy, 93°, humid

Observations and Comments:

2275 ppm helium in purge teller so 0.66% leak, okay 21%
* Purged sample at 1550:30 b/c analog gauge read 0. Digital gauge read 28.91 so just did analog gauge

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM CCP
Project #:	666378-01.56
Sampler Name:	Jenna Simmons / Jessica Hansen
Date:	9/20/16

Site	
Identification:	MGM CCP
Address:	Downtown Montgomery Area
Site Information:	
Describe ground cover	Landscaped Pine Mulch
Depth to groundwater (feet below ground surface)	—
Describe vadose zone soil type(s)	—
Was a soil boring log completed?	N
Was a probe diagram completed?	N

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log

Sample location (describe and show in diagram)	N of AG office	
Probe and Sample Identification (field ID)	AMS-04-0916 & AMS-FD-0916	
Probe Installation	Date and time	9/20/16
	Depth of hole drilled (feet below ground surface)	15
	Bottom of probe screen (feet below ground surface)	15
	Length of probe screen (inches)	2
	Width of probe screen (inches)	0.5
	Dead volume - including screen, sand pack, and tubing (mL)	
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	Pass
Probe Purge	Purge rate (mL/min)	200
	Purge start time	12:58
	Purge vacuum (" Hg)	0
	Purge completion time	13:07
Helium Leak Check*	Leak check (% or ppmv helium)	27%, 22.5%, 252

Field Analysis (optional)	GEM2000 - O2 (%)	17.8
	GEM2000 - CO2 (%)	4%
	GEM2000 - GH4 (%)	0
	PID - Total VOCs (ppmv)	0.5
Canister Sampling	Canister ID	2374 , 1473 (FD)
	Flow controller ID	835 (FP)
	Pressure gauge ID (optional)	—
	Sampling rate or period (mL/min or hours)	200
	Sample start date and time	9/20/16 13:08 1345
	Initial canister pressure (" Hg)	-30.04 / -29.82 (FD)
	Sampling vacuum (" Hg)	0
	Sample completion date and time	9/20/16 13:54
Final canister pressure (" Hg)	-2.73 / -2.76 (FD)	

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test

Weather conditions during sampling: Clear, humid, near 90°

Observations and Comments: He in purge gas = 0 ppm, Pass
* 1st Flow controller failed. Redo sample. Can ID's: 1284, 1567 (FD), Flow Controller ID 676

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name: <u>MGM CLP</u>	Project #: <u>666378.056</u>
Sampler Name: <u>Jean Simms / Jessica Hoken</u>	Date: <u>9/21/16</u>
Site	
Identification: <u>Soil vapor point near TMPZ-1, MGM CLP</u>	
Address: <u>Downtown MGM</u>	
Site Information:	
Describe ground cover: <u>grass</u>	
Depth to groundwater (feet below ground surface): <u>~30</u>	
Describe vadose zone soil type(s): <u>Silt/sand/clay</u>	
Was a soil boring log completed? <u>Y</u>	Was a probe diagram completed? <u>N</u>

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log			
Sample location (describe and show in diagram)	<u>TMZ-1, NE</u>		
Probe and Sample Identification (field ID)	<u>SV-TMZ1-27</u>		
Probe Installation	Date and time	<u>9/21/16 0810</u>	
	Depth of hole drilled (feet below ground surface)	<u>27</u>	
	Bottom of probe screen (feet below ground surface)	<u>27</u>	
	Length of probe screen (inches)	<u>12</u>	
	Width of probe screen (inches)	<u>0.5</u>	
	Dead volume - including screen, sand pack, and tubing (mL)		
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	<u>Pass</u>	
Probe Purge	Purge rate (mL/min)	<u>200</u>	
	Purge start time	<u>1122</u>	
	Purge vacuum (" Hg)	<u>-4</u>	
	Purge completion time	<u>1132</u>	
Helium Leak Check*	Leak check (% or ppmv helium)	<u>49%, 26%, 30%, 17%</u>	
Field Analysis (optional)	GEM2000 - O2 (%)	<u>LEL</u>	<u>3</u>
	GEM2000 - CO2 (%)		<u>15</u>
	GEM2000 - ePA (%)	<u>H2S</u>	<u>0</u>
	PID - Total VOCs (ppmv)		<u>205</u>
Canister Sampling	Canister ID	<u>1492</u>	
	Flow controller ID	<u>1424</u>	
	Pressure gauge ID (optional)	<u>—</u>	
	Sampling rate or period (mL/min or hours)	<u>200</u>	
	Sample start date and time	<u>1136</u>	
	Initial canister pressure (" Hg)	<u>-30.00</u>	
	Sampling vacuum (" Hg)	<u>-4</u>	
	Sample completion date and time	<u>Pass 1141 to check, continue</u>	
Final canister pressure (" Hg)	<u>-3.77</u>		

1145, collect 1147

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1 000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test

Weather conditions during sampling: Clear, humid, near 90°

Observations and Comments: Purge gas Open Helium

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name: <u>MGM CCP</u>	Project #: <u>666378-01.06</u>
Sampler Name: <u>Jenn Simms / Justine Hance</u>	Date: <u>9/21/16</u>
Site	
Identification: <u>MGM CCP</u>	
Address: <u>Downtown MGM Area</u>	
Site Information	
Describe ground cover	<u>Gravel Lot</u>
Depth to groundwater (feet below ground surface)	<u>~30</u>
Describe vadose zone soil type(s)	<u>clay to gravelly sand</u>
Was a soil boring log completed?	<u>Y</u>
Was a probe diagram completed?	<u>N</u>

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log			
Sample location (describe and show in diagram)	<u>TMPT-1 area</u>		
Probe and Sample Identification (field ID)	<u>SV-TMP21-08</u>		
Probe Installation	Date and time	<u>9/21/16 0925</u>	
	Depth of hole drilled (feet below ground surface)	<u>8</u>	
	Bottom of probe screen (feet below ground surface)	<u>8</u>	
	Length of probe screen (inches)	<u>12</u>	
	Width of probe screen (inches)	<u>0.5</u>	
	Dead volume - including screen, sand pack, and tubing (mL)		
	Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	<u>Pass</u>
Probe Purge	Purge rate (mL/min)	<u>200</u>	
	Purge start time	<u>1156</u>	
	Purge vacuum (" Hg)	<u>-5</u>	
	Purge completion time	<u>1212</u>	
Helium Leak Check*	Leak check (% or ppmv helium)	<u>19, 21, 21</u>	
Field Analysis (optional)	GEM2000 - CO2 (%) <u>LEL</u>	<u>0</u>	
	GEM2000 - CO2 (%)	<u>4 ppm</u>	
	GEM2000 - CH4 (%) <u>H2S</u>	<u>0</u>	
	PID - Total VOCs (ppmv)	<u>0.8</u>	
Canister Sampling	Canister ID	<u>1993</u>	
	Flow controller ID	<u>1344</u>	
	Pressure gauge ID (optional)	<u>---</u>	
	Sampling rate or period (mL/min or hours)	<u>200</u>	
	Sample start date and time	<u>9/21/16 1213</u>	
	Initial canister pressure (" Hg)	<u>-29.89</u>	
	Sampling vacuum (" Hg)	<u>-4</u>	
	Sample completion date and time	<u>1219</u>	
	Final canister pressure (" Hg)	<u>-4.43</u>	

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: Clear, humid, near 90°

Observations and Comments: Purge gas 0 ppm H₂, Pass leak check
3 ft hole is NW most of 3 holes. Shelby Tube is

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM CCP
Project #:	666378.01.56
Sampler Name:	Jessica Hansen
Date:	09/21/16
Site	
Identification:	MGM CCP
Address:	Downtown MGM area
Site Information:	
Describe ground cover:	gravel lot grass, between street & sidewalk (K)
Depth to groundwater (feet below ground surface):	25 ft
Describe vadose zone soil type(s):	Silt/sand some clay & gravel
Was a soil boring log completed?	Y
Was a probe diagram completed?	N

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log				
Sample location (describe and show in diagram)	VIMS-10-0916			
Probe and Sample Identification (field ID)	↙			
Probe Installation	Date and time			
	Depth of hole drilled (feet below ground surface)	50	10	
	Bottom of probe screen (feet below ground surface)	50	10	
	Length of probe screen (inches)	12		
	Width of probe screen (inches)	0.5		
	Dead volume - including screen, sand pack, and tubing (mL)	1.2 L		
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	PASS		
Probe Purge	Purge rate (mL/min)	200		
	Purge start time	15:29		
	Purge vacuum (" Hg)	-3		
	Purge completion time	16:00		
Helium Leak Check*	Leak check (% or ppmv helium)	24%, 24%, 26%		
Field Analysis (optional)	GEM2000 - CEL LEL	0%		
	GEM3000 - CO2 (% CO) ppm	0 ppm		
	GEM2000 - H2S ppm	0 ppm		
	PID - Total VOCs (ppmv)	6.0 ppm		
	Canister Sampling	Canister ID	732	
		Flow controller ID	1477	
		Pressure gauge ID (optional)		
		Sampling rate or period (mL/min or hours)	200	
		Sample start date and time	09/21/16 16:08	
		Initial canister pressure (" Hg)	-29.96	
Sampling vacuum (" Hg)	-3			
Sample completion date and time	16:13			
Final canister pressure (" Hg)	-3.47			

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1 000 ppm (0.1%) Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: 94°, humid, partly cloudy

Observations and Comments: Purged 4.5L
Purged soil gas has 0 ppm helium (measured each of 4 1-L Tedlars)

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM CCP
Project #:	666378.ct.56
Sampler Name:	Jeshra Hansen
Date:	9/21/16
Site	
Identification:	MGM CCP
Address:	Downtown MGM
Site Information:	
Describe ground cover:	asphalt gravel lot
Depth to groundwater (feet below ground surface):	2.25
Describe vadose zone soil type(s):	Silt/Sand some clay & gravel
Was a soil boring log completed?	Yes at MW12
Was a probe diagram completed?	N

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log			
Sample location (describe and show in diagram)	North of Pollard Street		Field Analysis (optional)
Probe and Sample Identification (field ID)	SV-MW12-22/SV-FD-0916		GEM2000 - O2 (%)
Probe Installation	Date and time	09/21/16 1407	TEL 0%
	Depth of hole drilled (feet below ground surface)	22	GEM2000 - CO2 (%)
	Bottom of probe screen (feet below ground surface)	22	0 ppm
	Length of probe screen (inches)	12	GEM2000 - CH4 (%)
	Width of probe screen (inches)	0.5	H2S 0 ppm
	Dead volume - including screen, sand pack, and tubing (mL)		PID - Total VOCs (ppmv)
			0.3
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	Pass	Canister Sampling
Probe Purge	Purge rate (mL/min)	200	Canister ID
	Purge start time	1655 1700	1523 / Dup 954
	Purge vacuum (" Hg)	-5	Flow controller ID
	Purge completion time	1711	#865A
Helium Leak Check*	Leak check (% or ppmv helium)	19, 16	Pressure gauge ID (optional)
			Sampling rate or period (mL/min or hours)
			200
			Sample start date and time
			9/21/16 1713
			Initial canister pressure (" Hg)
		-30.23 / -30.11	
		Sampling vacuum (" Hg)	
		-2	
		Sample completion date and time	
		9/21/16 1728	
		Final canister pressure (" Hg)	
		-2.86 / -2.81	

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1 000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test

Weather conditions during sampling: ^(94°) Hot and humid

Observations and Comments: Open helium purge gas
* Pause to check canister pressure at 1724, restart 1726

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM CCP
Project #:	666378-01-56
Sampler Name:	Seetha Heman / James Verhoff
Date:	9/21/16
Site	
Identification:	MGM CCP
Address:	Danbury MGM
Site Information:	
Describe ground cover:	Gravel parking area
Depth to groundwater (feet below ground surface):	~ 25
Describe vadose zone soil type(s):	Sand/silt w/ some clay & gravel
Was a soil boring log completed?	Y
Was a probe diagram completed?	N

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log			
Sample location (describe and show in diagram)		Field Analysis (optional)	GEM2000 - O ₂ (%)
Probe and Sample Identification (field ID)	SV-MW12-08 #115		LEL 0
Probe Installation	Date and time	9/21/16 1415	GEM2000 - CO ₂ (%)
	Depth of hole drilled (feet below ground surface)	8	90 ppm 12 ppm
	Bottom of probe screen (feet below ground surface)	8	GEM2000 - CH ₄ (%)
	Length of probe screen (inches)	12	H ₂ S 0-0 ppm
	Width of probe screen (inches)	0.5	PID - Total VOCs (ppmv)
	Dead volume - including screen, sand pack, and tubing (mL)		0.3 ppm
	Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	Pass
Probe Purge	Purge rate (mL/min)	200	Canister ID
	Purge start time	1751	2031
	Purge vacuum (" Hg)	-1	Flow controller ID
	Purge completion time	1800	770
Helium Leak Check*	Leak check (% or ppmv helium)	27, 23, 25	Pressure gauge ID (optional)
			—
			Sampling rate or period (mL/min or hours)
			200
			Sample start date and time
			9/21/16 1802
			Initial canister pressure (" Hg)
			-29.56
			Sampling vacuum (" Hg)
			0
			Sample completion date and time
			9/21/16 1807
			Final canister pressure (" Hg)
			1807 -2.13

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: Hot, Partly Cloudy, humid, 93°

Observations and Comments: Helium in purge gas at 0 ppm, Pass leak check

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM DEAP
Project #:	666378.01.56
Sampler Name:	Jessie Hansen, James Verhoff
Date:	9/22/16
Site	
Identification:	Montgomery LCP
Address:	Downtown MGM Area
Site Information:	
Describe ground cover:	sidewalk and landscaping
Depth to groundwater (feet below ground surface):	—
Describe vadose zone soil type(s):	—
Was a soil boring log completed?	N
Was a probe diagram completed?	Y

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log				
Sample location (describe and show in diagram)		Field Analysis (optional)	GEM2000 - ^{JRV} SO ₂ (%) 0	
Probe and Sample Identification (field ID)	VIMS-50-0916		GEM2000 - ^{JRV} CO (%) 0	
Probe Installation	Date and time	^{JRV} 9/22	GEM2000 - ^{JRV} SH (%) 0	
	Depth of hole drilled (feet below ground surface)	50	PID - Total VOCs (ppmv) 39.7	
	Bottom of probe screen (feet below ground surface)	50	Canister Sampling	
	Length of probe screen (inches)	12		Canister ID 923
	Width of probe screen (inches)	0.5		Flow controller ID 785
	Dead volume - including screen sand pack, and tubing (mL)	2 L		Pressure gauge ID (optional) —
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	Pass		Sampling rate or period (mL/min or hours) ^{JRV} 24 → 200 mL/min → 29.63
Probe Purge	Purge rate (mL/min)	200	Sample start date and time 9/22/16 0915	
	Purge start time	0841	Initial canister pressure (" Hg) -29.63	
	Purge vacuum (" Hg)	0	Sampling vacuum (" Hg) 0	
	Purge completion time	0913	Sample completion date and time 9/22/16 0920	
Helium Leak Check*	Leak check (% or ppmv helium)	17, 26, 29, 28, 25, 20	Final canister pressure (" Hg) 47 -3.70	

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: Partly cloudy, ~90°, humid

Observations and Comments: He in purge gas = 0%

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name: <u>MGM CCP</u>	Project #: <u>666378.d.56</u>
Sampler Name: <u>Jestina Hansen / James Verhoff</u>	Date: <u>9/22/16</u>
Site	
Identification: <u>MGM CCP</u>	
Address: <u>Downtown MGM</u>	
Site Information:	
Describe ground cover: <u>Asphalt Lot</u>	
Depth to groundwater (feet below ground surface): <u>~ 37</u>	
Describe vadose zone soil type(s): <u>silty sand w/ gravelly and clayey layers</u>	
Was a soil boring log completed? <u>Y</u>	Was a probe diagram completed? <u>N</u>

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log				
Sample location (describe and show in diagram)				
Probe and Sample Identification (field ID)	<u>SU-MW08-08</u>			
Probe Installation	Date and time	<u>9/22/16 1045</u>		
	Depth of hole drilled (feet below ground surface)	<u>0</u>		
	Bottom of probe screen (feet below ground surface)	<u>8</u>		
	Length of probe screen (inches)	<u>12</u>		
	Width of probe screen (inches)	<u>0.5</u>		
	Dead volume - including screen, sand pack, and tubing (mL)			
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	<u>Pass</u>		
Probe Purge	Purge rate (mL/min)	<u>200</u>		
	Purge start time	<u>1207</u>		
	Purge vacuum (" Hg)	<u>-3</u>		
	Purge completion time	<u>1217</u>		
Helium Leak Check*	Leak check (% or ppmv helium)	<u>21.5, 16, 30, 16</u>		
		Field Analysis (optional)	GEM2000 - O ₂ (%) <u>LEL</u>	<u>0</u>
			GEM2000 - CO ₂ (%)	<u>34 ppm</u>
			GEM2000 - CH ₄ (%) <u>H₂S</u>	<u>0.8 ppm</u>
			PID - Total VOCs (ppmv)	<u>0.9 ppm</u>
		Canister Sampling	Canister ID	<u>1293</u>
			Flow controller ID	<u>880</u>
			Pressure gauge ID (optional)	<u>-</u>
			Sampling rate or period (mL/min or hours)	<u>200</u>
			Sample start date and time	<u>9/22/16 1220</u>
			Initial canister pressure (" Hg)	<u>-29.96</u>
			Sampling vacuum (" Hg)	<u>-2</u>
			Sample completion date and time	<u>1225</u>
			Final canister pressure (" Hg)	<u>-3.55</u>

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: humid, partly cloudy, ~90°

Observations and Comments: He purge gas 0 ppm

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name: <u>MGM CCP</u>	Project #: <u>666378 oi.36</u>
Sampler Name: <u>Justin Hansen / James Verhoff</u>	Date: <u>9/22/16</u>

Site	
Identification: <u>MGM CCP</u>	
Address: <u>Downtown MGM</u>	
Site Information:	
Describe ground cover: <u>Asphalt</u>	
Depth to groundwater (feet below ground surface): <u>~ 37.5</u>	
Describe vadose zone soil type(s): <u>Silt/sand w/ gravel and clay layers</u>	
Was a soil boring log completed? <u>Y</u>	Was a probe diagram completed? <u>N</u>

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log

Sample location (describe and show in diagram)			Field Analysis (optional)	GEM2000 - O2 (%)	14.7	
Probe and Sample Identification (field ID)	<u>SV-MW08-30</u>			GEM2000 - CO2 (%)	5 ppm	
Probe Installation	Date and time	<u>9/22/16 1310</u>		GEM2000 - CH4 (%) <u>H2S</u>	00	
	Depth of hole drilled (feet below ground surface)	<u>30</u>		PID - Total VOCs (ppmv)	0.4	
	Bottom of probe screen (feet below ground surface)	<u>30</u>		Canister Sampling	Canister ID	1561
	Length of probe screen (inches)	<u>12</u>			Flow controller ID	1365
	Width of probe screen (inches)	<u>0.5</u>			Pressure gauge ID (optional)	—
	Dead volume - including screen, sand pack, and tubing (mL)				Sampling rate or period (mL/min or hours)	200
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass		Sample start date and time		<u>9/22/16 1355</u>	
Probe Purge	Purge rate (mL/min)		Initial canister pressure (" Hg)	-29.98		
	Purge start time		Sampling vacuum (" Hg)	0		
	Purge vacuum (" Hg)		Sample completion date and time	1359		
	Purge completion time		Final canister pressure (" Hg)	-3.88		
Helium Leak Check*	Leak check (% or ppmv helium)		<u>39.27, 29</u>			

LEL = 0%

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: partly cloudy, humid, ~90°

Observations and Comments: Helium in purge gas = 0ppm

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name: <u>MGM CCP</u>	Project #: <u>66637&01.56</u>
Sampler Name: <u>Jessica Hansen / James Verhoff</u>	Date: <u>9/22/16</u>
Site	
Identification: <u>MGM CCP</u>	
Address: <u>Downtown MGM</u>	
Site Information:	
Describe ground cover	<u>Asphalt lot</u>
Depth to groundwater (feet below ground surface)	<u>~40</u>
Describe vadose zone soil type(s)	<u>Silty sand w/ gravelly & clayey layers</u>
Was a soil boring log completed?	<u>Y N</u>
Was a probe diagram completed?	<u>Y</u>

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log			
Sample location (describe and show in diagram)			
Probe and Sample Identification (field ID)	<u>SV-MW02-35</u>		
Probe Installation	Date and time	<u>9/22/16 1545</u>	
	Depth of hole drilled (feet below ground surface)	<u>35</u>	
	Bottom of probe screen (feet below ground surface)	<u>35</u>	
	Length of probe screen (inches)	<u>12</u>	
	Width of probe screen (inches)	<u>0.5</u>	
	Dead volume - including screen sand pack, and tubing (mL)		
Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	<u>Pass</u>	
Probe Purge	Purge rate (mL/min)	<u>200</u>	
	Purge start time	<u>1610</u>	
	Purge vacuum (" Hg)	<u>-2</u>	
	Purge completion time	<u>1620</u>	
Helium Leak Check*	Leak check (% or ppmv helium)	<u>20, 30, 25</u>	
	Field Analysis (optional)	GEM2000 - O2 (%)	<u>H2S 0.0 ppm</u>
		GEM2000 - CO2 (%)	<u>0 ppm</u>
		GEM2000 - CH4 (%)	<u>0</u>
		PID - Total VOCs (ppmv)	<u>2.0 ppm</u>
	Canister Sampling	Canister ID	<u>1815</u>
		Flow controller ID	<u>1085</u>
		Pressure gauge ID (optional)	<u>-</u>
		Sampling rate or period (mL/min or hours)	<u>200</u>
		Sample start date and time	<u>9/22/16 1630</u>
		Initial canister pressure (" Hg)	<u>-29.98</u>
		Sampling vacuum (" Hg)	<u>-2</u>
		Sample completion date and time	<u>9/22/16 1635</u>
	Final canister pressure (" Hg)	<u>-3.38</u>	

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: Clear, 94°, humid

Observations and Comments: Purge Gas Helium at 0ppm
to NW bldg, one down S from N most

Vapor Intrusion Best Practices Exterior Soil Gas Probe Installation and Sampling Log - Canister Method

Project Info	
Project Name:	MGM CCP
Project #:	666378.d.56
Sampler Name:	Jennifer/Jessica Hansen
Date:	9/23/16
Site	
Identification:	MGM CCP
Address:	Downtown MGM Ave
Site Information:	
Describe ground cover	Asphalt Lot
Depth to groundwater (feet below ground surface)	~40
Describe vadose zone soil type(s)	Silty sand w/ gravelly & clayey layers
Was a soil boring log completed?	N
Was a probe diagram completed?	N

Soil Gas Probe Installation, Purging, Leak Checking, & Sampling Log			
Sample location (describe and show in diagram)		Field Analysis (optional)	GEM2000 - O ₂ (%) H ₂ S
Probe and Sample Identification (field ID)	AMS-MW02-08		0.0 ppm
Probe Installation	Date and time	9/23/16 0618	GEM2000 - CO ₂ (%)
	Depth of hole drilled (feet below ground surface)	8	24 ppm
	Bottom of probe screen (feet below ground surface)	7.5	GEM2000 - CH ₄ (%)
	Length of probe screen (inches)	2	4.2
	Width of probe screen (inches)	0.5	PID - Total VOCs (ppmv)
	Dead volume - including screen sand pack, and tubing (mL)		1.5
	Manifold Leak Check	Leak check (sampling manifold) - Pass/No Pass	Pass
Probe Purge	Purge rate (mL/min)	200	Canister ID
	Purge start time	0650	2292
	Purge vacuum (" Hg)	0	Flow controller ID
	Purge completion time	0655	890
Helium Leak Check*	Leak check (% or ppmv helium)	70.32	Pressure gauge ID (optional)
			-
			Sampling rate or period (mL/min or hours)
			Zero
			Sample start date and time
			9/23/16 0658
			Initial canister pressure (" Hg)
			-30.08
			Sampling vacuum (" Hg)
			0
			Sample completion date and time
			9/23/16 0703
			Final canister pressure (" Hg)
			-1.92

* The soil gas probe passes the helium leak check if the detected helium concentration is less than 1,000 ppm (0.1%). Do NOT collect a soil gas sample if the probe fails the helium leak test.

Weather conditions during sampling: Warm (85°) humid, partly cloudy

Observations and Comments: Helium in purge gas = 425 ppm Pass!
* Southern hole

Appendix C

Surveys

CH2M
Cypress Creek Well Survey
Montgomery, Alabama
Survey Date: July 25, 2016, 11:45 am cst

WELL ID	NORTHING	EASTING	LATITUDE	LONGITUDE	TOP OF LID ELEVATION	TOP OF PVC NORTH EDGE ELEVATION	GROUND ELEVATION
TMPZ - 1	685,647.077	509,234.130	32°23'02.46"N	86°18'33.46"W	158.90	158.46	158.17

WELL ID	NORTHING	EASTING	LATITUDE	LONGITUDE	10 FOOT REFERENCE POINT	WATER SURFACE ELEVATION 11:45AM CST	BOTTOM CREEK BED AT SUPPORT
CCG-1	685,419.198	508,700.957	32°23'00.18"N	86°18'39.67"W	130.33	124.52	119.62

NOTE: 10 FT. REFERENCE POINT IS 10 FT. ABOVE PRESSURE PLATE OF TRANSDUCER

CONTROL POINTS (SIP WITH CAPS)	NORTHING	EASTING	GROUND ELEVATION
CP1	685,333.201	508,748.492	157.30
CP2	685,613.179	509,211.825	159.15
CP3	685,181.078	508,548.964	159.50

NOTE: LOCATION AND ELEVATIONS DETERMINED BY GPS EQUIPMENT
 CORS_ID AL60, MONTGOMERY, ALABAMA NAD 83, NAVD 88 ORTHO HEIGHT

CH2M
Soil Vapor Sampling Locations
Downtown Environmental Assessment Project
Montgomery, Alabama
Survey Date: October 5, 2016, 8:30am

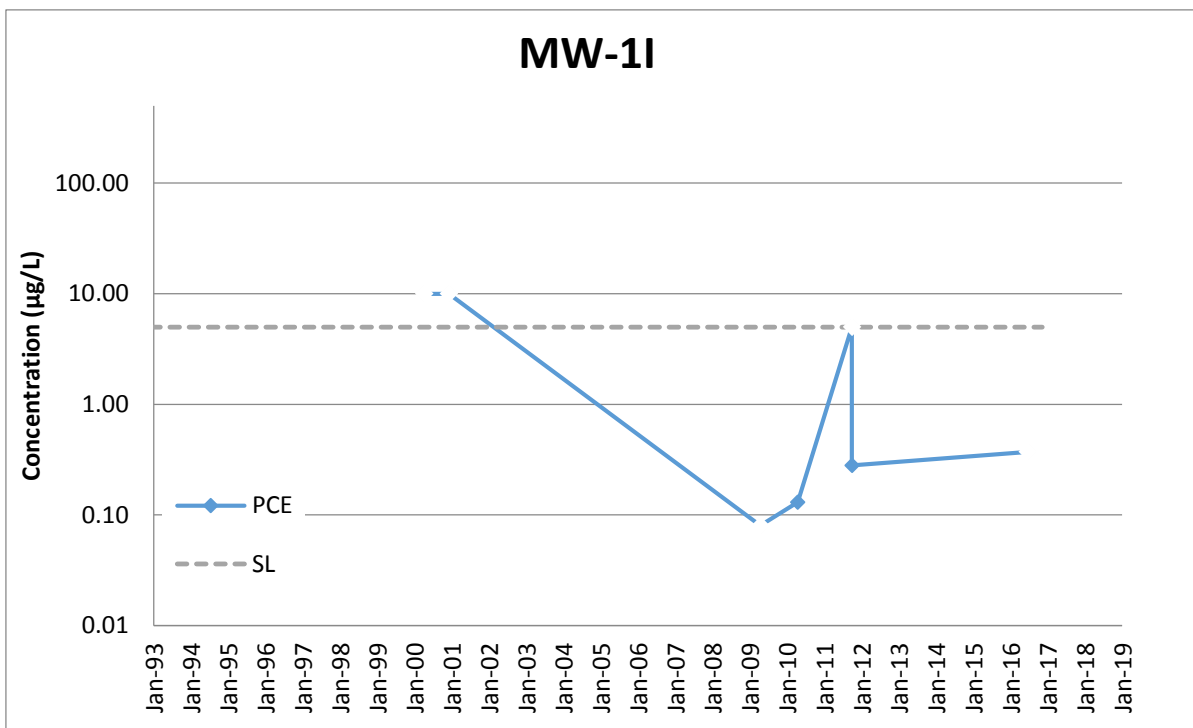
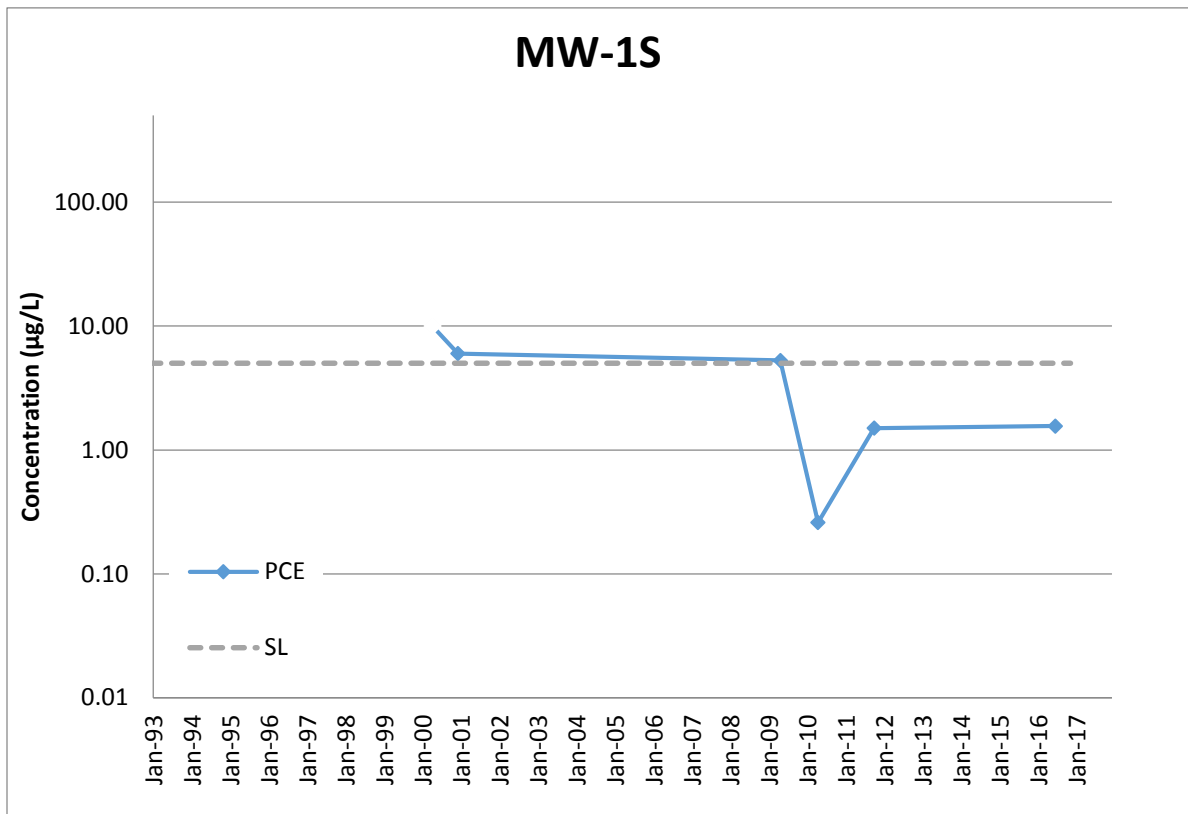
Location ID	Northing	Easting	Latitude	Longitude	Ground Elevation
TMPZ1-27	685,663.987	509,241.449	32°23'02.63"N	86°18'33.38"W	158.77'
TMPZ1-08	685,649.321	509,241.230	32°23'02.48"N	86°18'33.38"W	159.10'
MW12-08	685,765.495	510,099.571	32°23'03.67"N	86°18'23.38"W	157.55'
MW12-22	685,762.131	510,105.163	32°23'03.64"N	86°18'23.31"W	157.59'
MW12-SHEBY	685,754.842	510,110.264	32°23'03.56"N	86°18'23.25"W	157.46'
TMPZ1-SHEBY	685,657.035	509,248.960	32°23'02.56"N	86°18'33.29"W	159.13'
MW08-30	685,008.102	510,191.908	32°22'56.18"N	86°18'22.26"W	174.05'
MW08-SHEBY	685,012.764	510,180.292	32°22'56.22"N	86°18'22.40"W	173.73'
MW08-08	685,018.048	510,187.524	32°22'56.28"N	86°18'22.31"W	173.56'
AMS-03-12	683,191.700	511,462.744	32°22'38.26"N	86°18'07.35"W	251.03'
AMS-04-15	683,241.632	511,407.844	32°22'38.75"N	86°18'07.99"W	244.93'
VIMS-50	682,870.828	510,240.731	32°22'35.03"N	86°18'21.58"W	211.86'
VIMS-10	682,870.096	510,237.028	32°22'35.03"N	86°18'21.63"W	211.52'
AMS-02-08	682,730.804	510,211.834	32°22'33.65"N	86°18'21.91"W	218.61'
AMS-01-08	682,793.997	510,297.198	32°22'34.28"N	86°18'20.92"W	220.26'
MW02-35	684,351.089	510,659.891	32°22'49.70"N	86°18'16.77"W	188.92'
MW02-SHEBY	684,351.602	510,677.064	32°22'49.70"N	86°18'16.57"W	188.88'
MW02-08	684,335.296	510,666.686	32°22'49.54"N	86°18'16.69"W	188.50'

NOTE: LOCATION AND ELEVATIONS DETERMINED BY GPS EQUIPMENT
 CORS_ID AL60, MONTGOMERY, ALABAMA NAD 83, NAVD 88 ORTHO HEIGHT

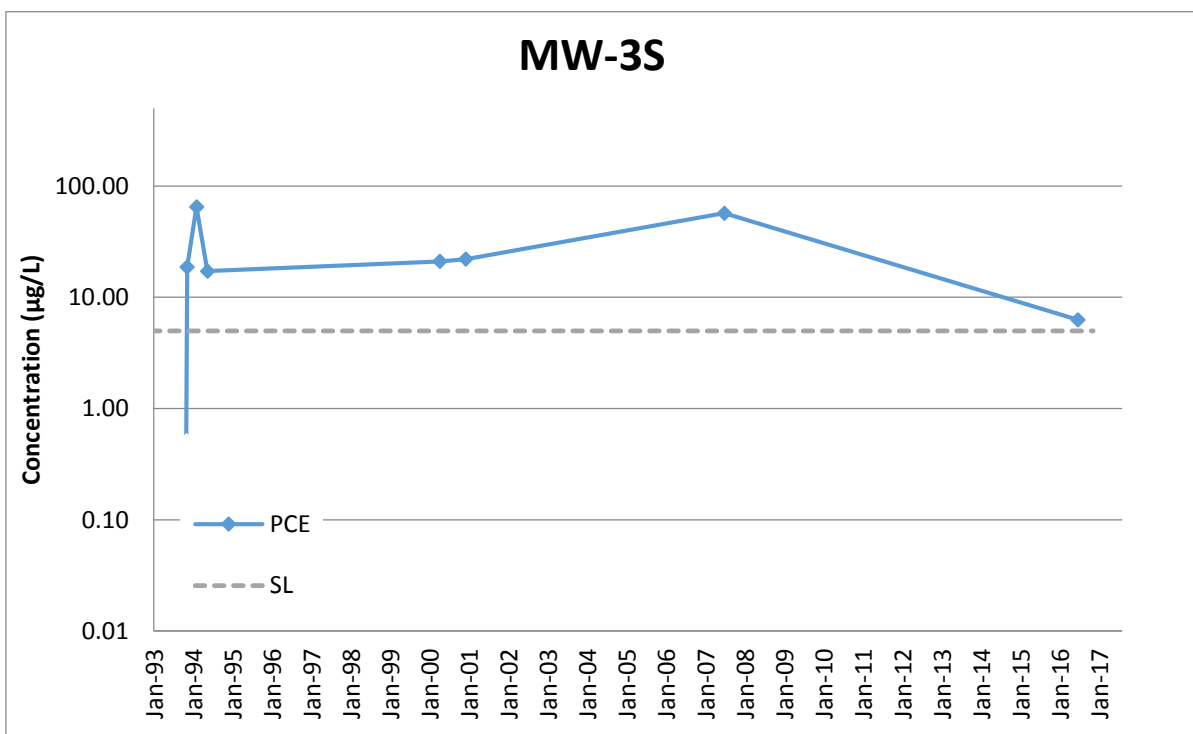
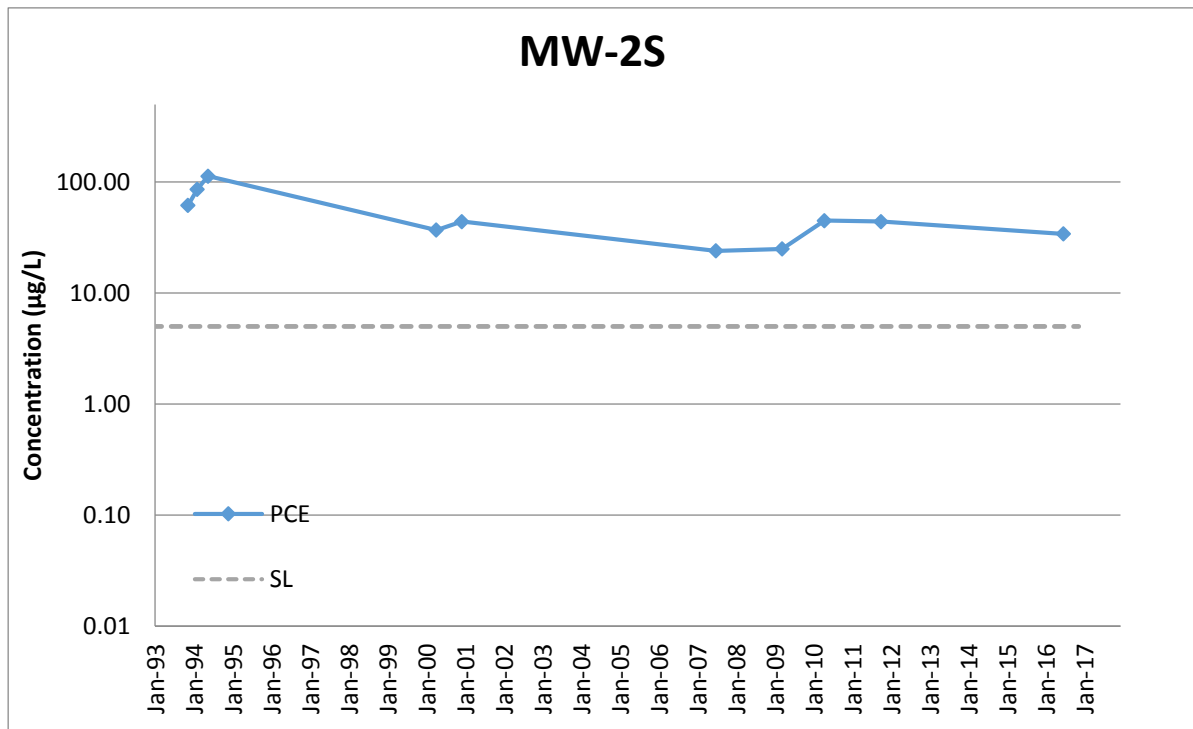
Larry E. Speaks & Associates, Inc.
 535 Herron Street
 Montgomery, Alabama 36104
 334-262-1091

Appendix D
Laboratory Reports and Data
Quality Evaluation
(provided separately)

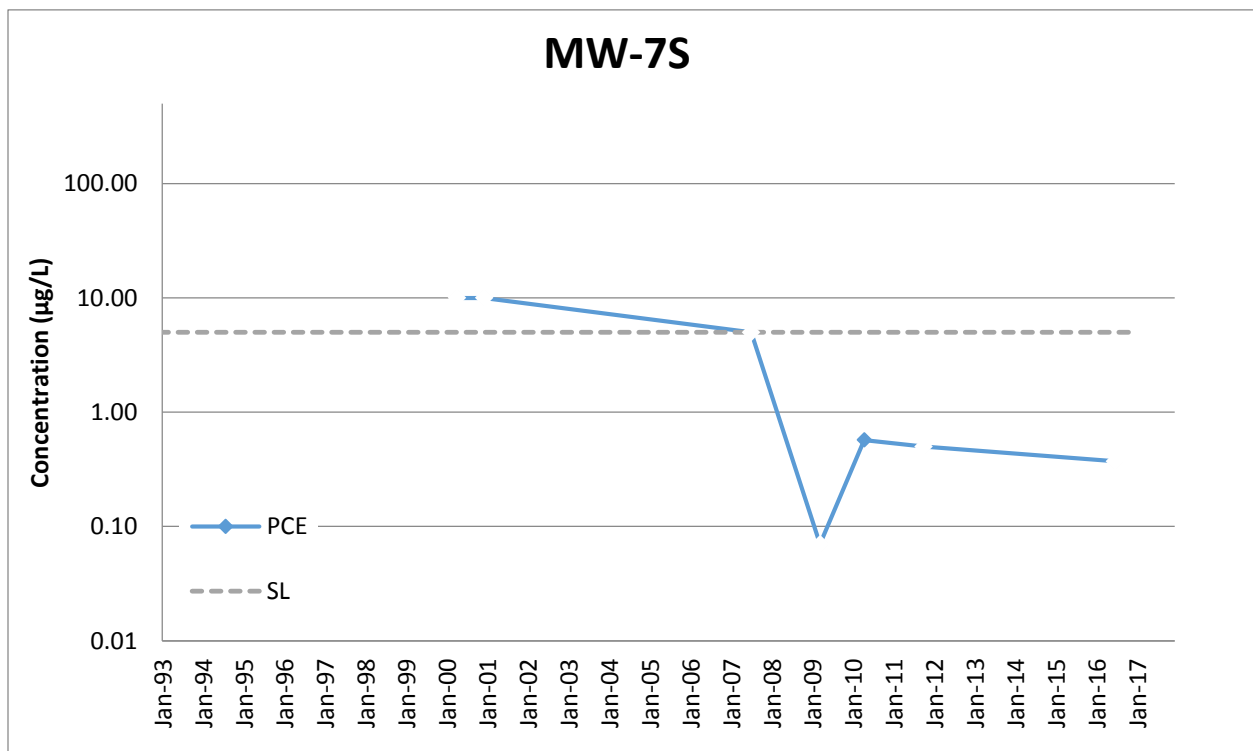
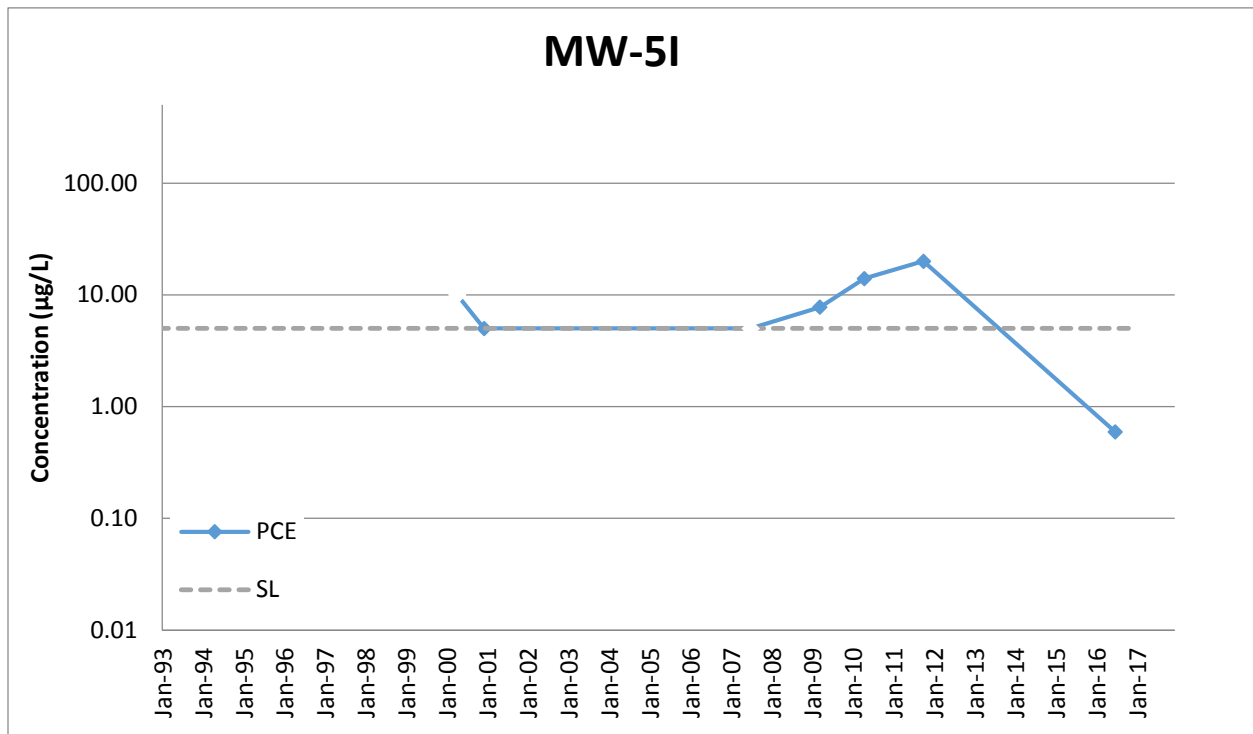
Appendix E
PCE Concentrations Time Series
Trend Charts



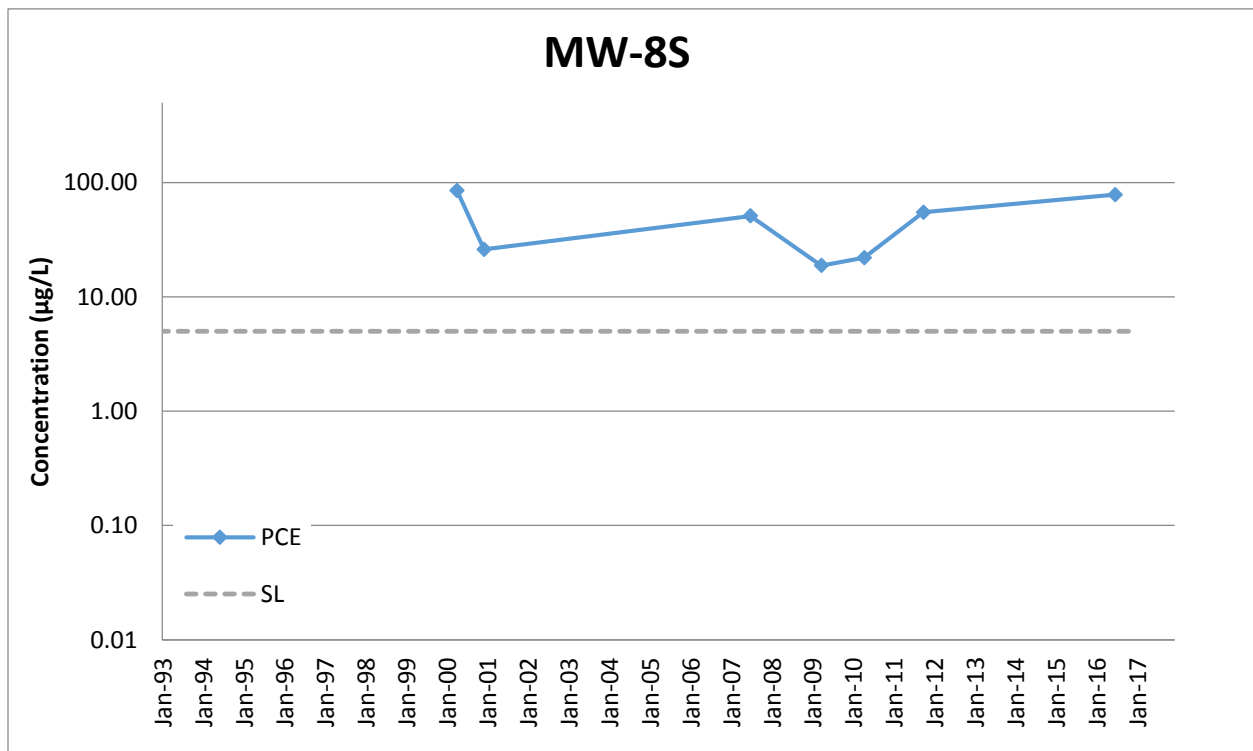
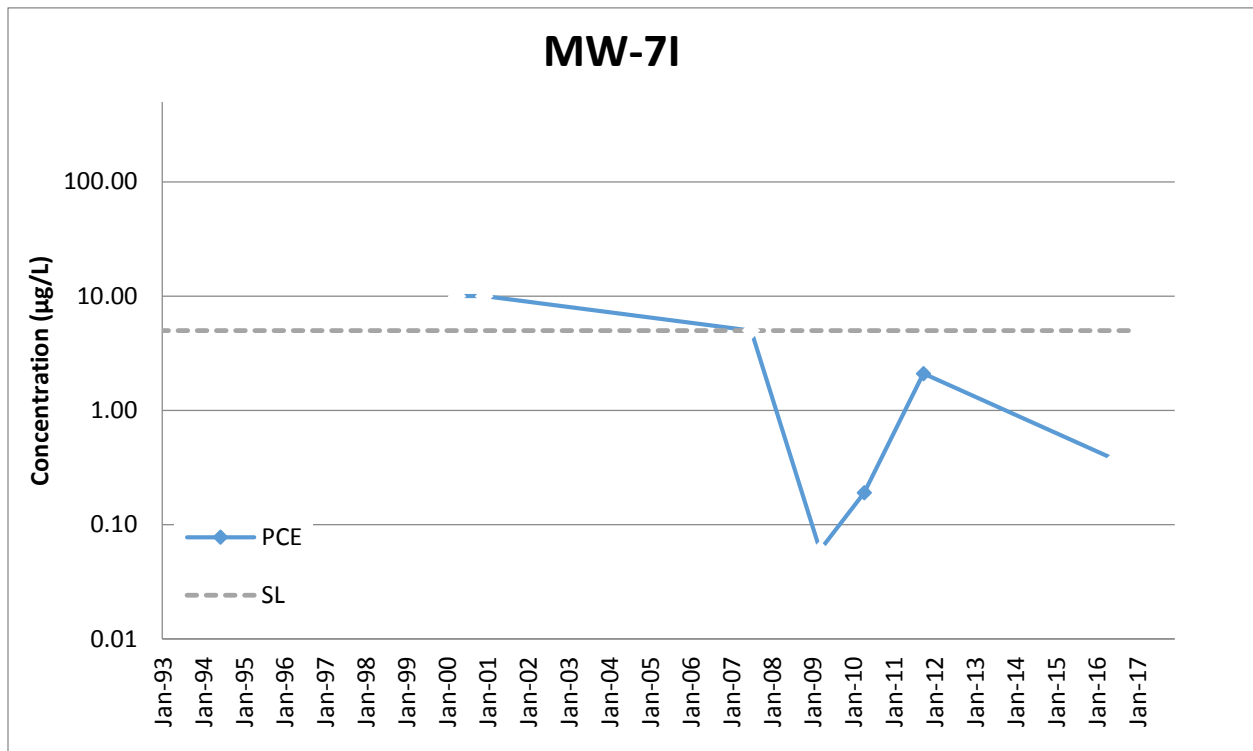
Notes: Open/unshaded symbols indicate the compound was not detected. The method detection limit is plotted. The tetrachloroethene (PCE) screening level is 5 micrograms per liter (µg/L), based on the maximum contaminant level (MCL).



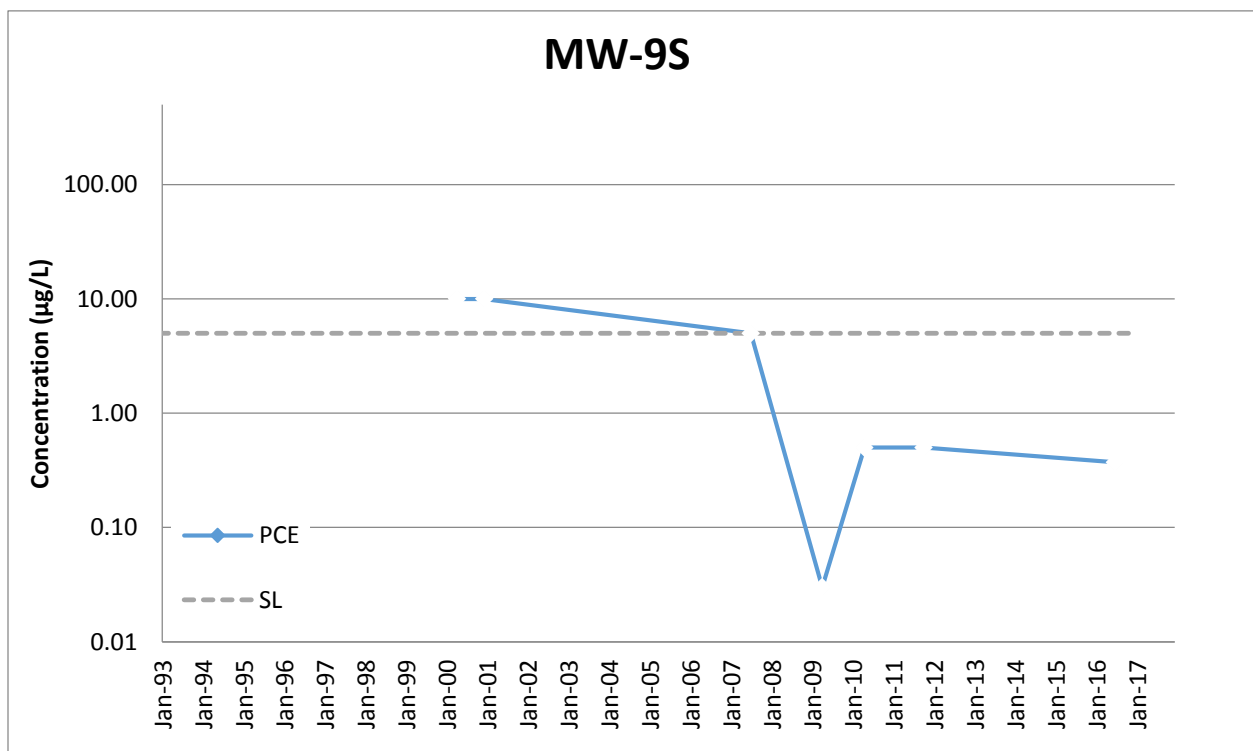
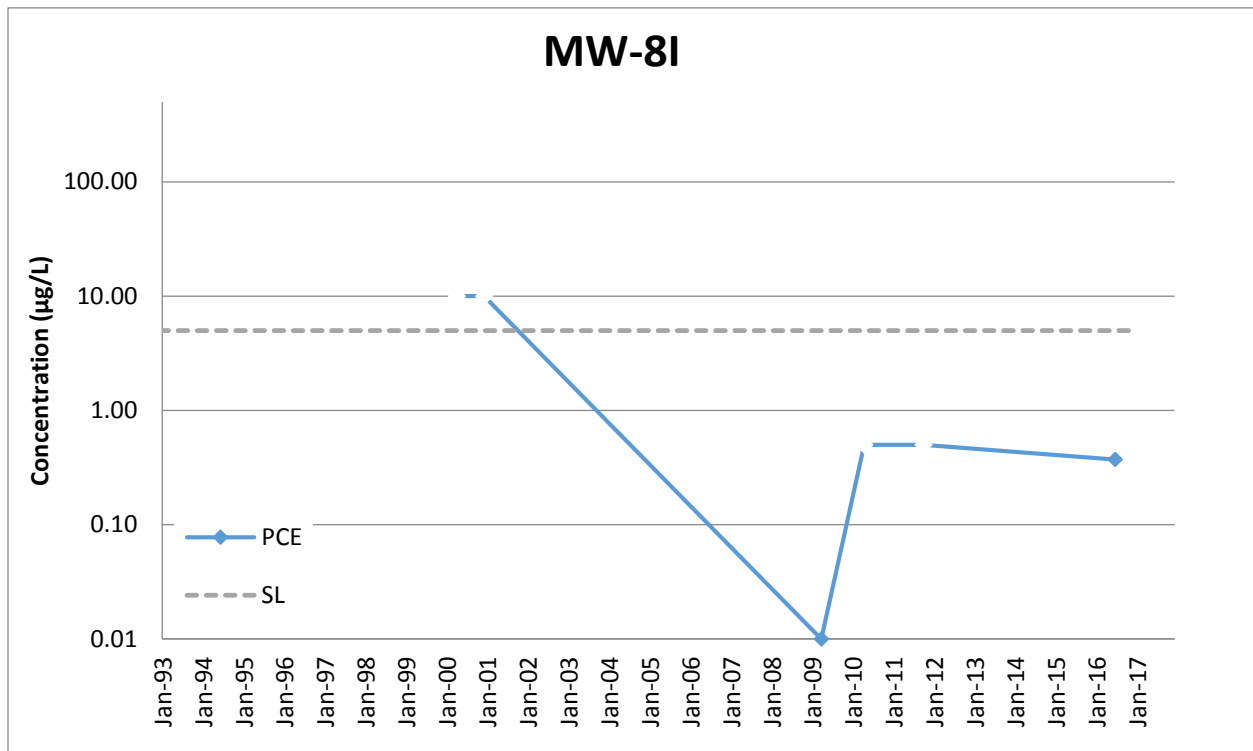
Notes: Open/unshaded symbols indicate the compound was not detected. The method detection limit is plotted. The PCE screening level is 5 µg/L, based on the MCL.



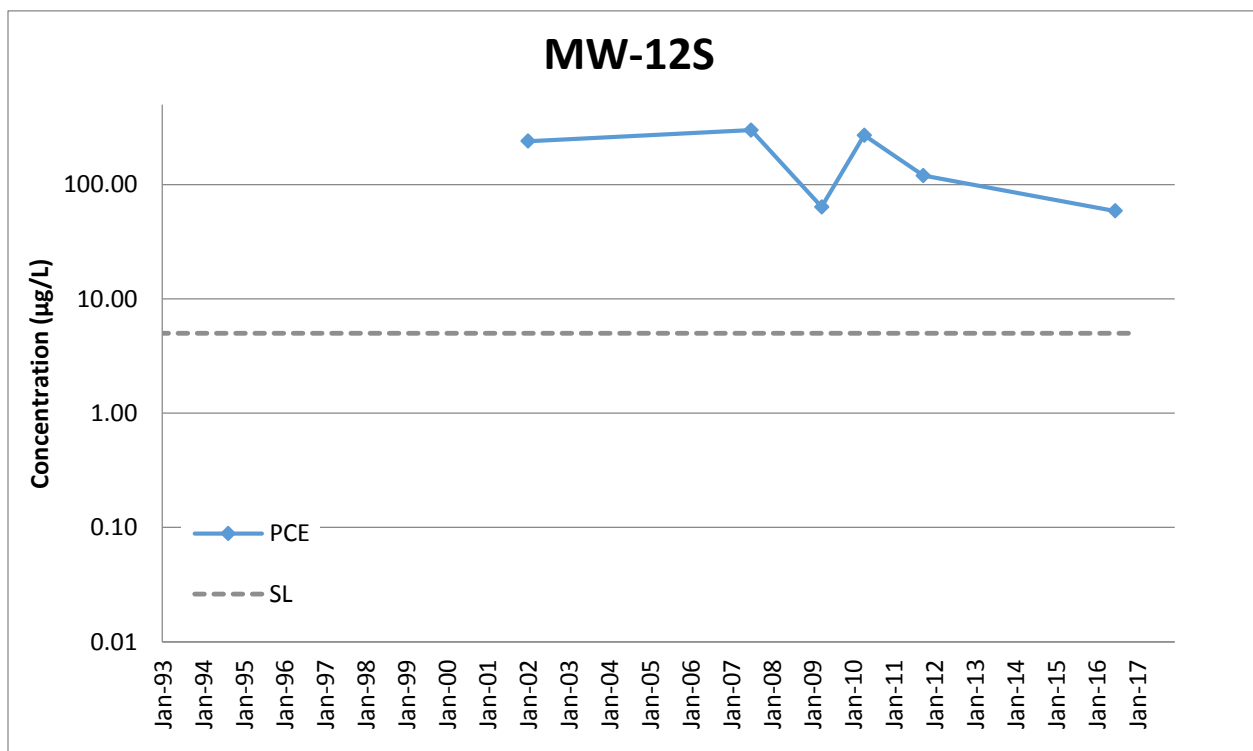
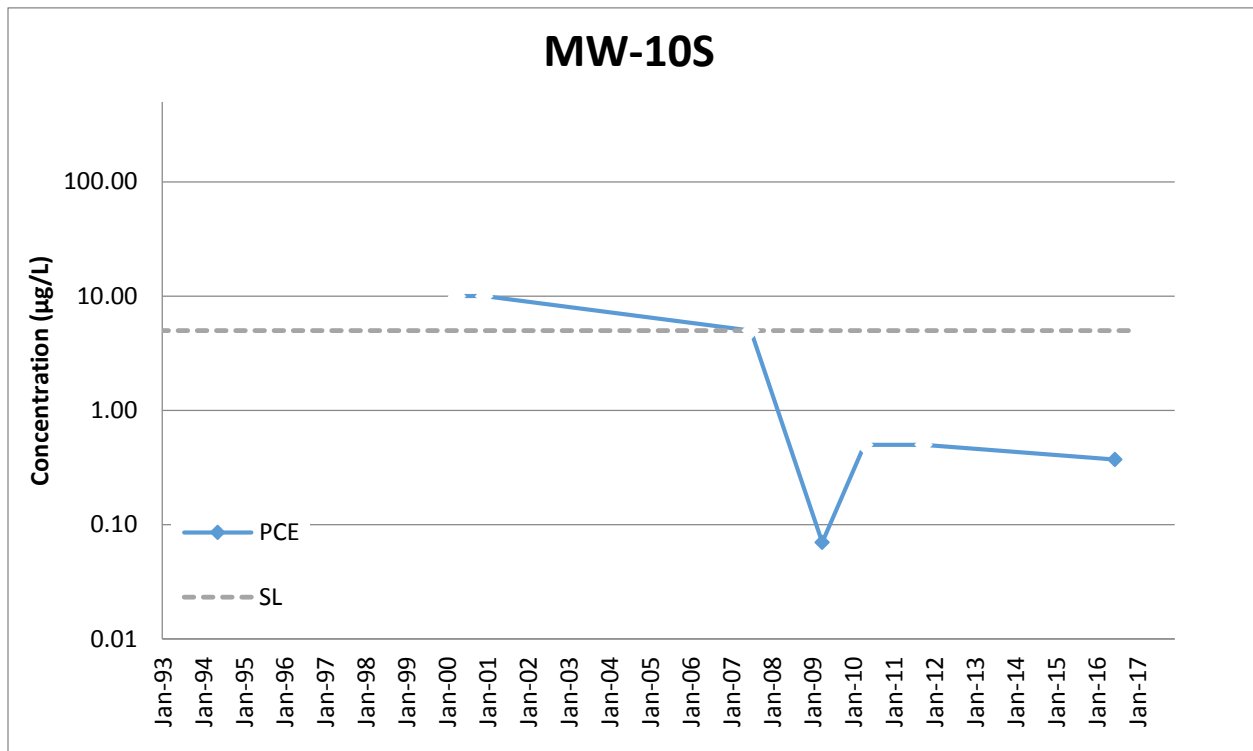
Notes: Open/unshaded symbols indicate the compound was not detected. The method detection limit is plotted. The PCE screening level is 5 µg/L, based on the MCL.



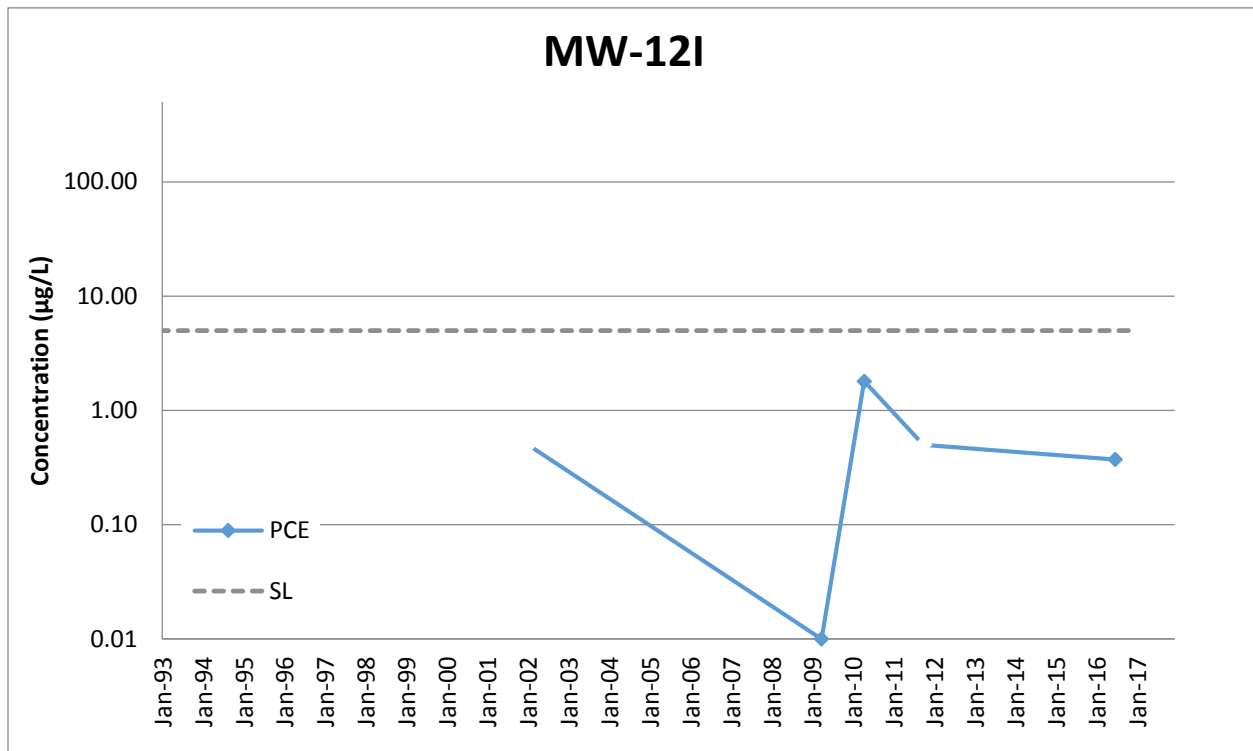
Notes: Open/unshaded symbols indicate the compound was not detected. The method detection limit is plotted. The PCE screening level is 5 µg/L, based on the MCL.



Notes: Open/unshaded symbols indicate the compound was not detected. The method detection limit is plotted. The PCE screening level is 5 µg/L, based on the MCL.



Notes: Open/unshaded symbols indicate the compound was not detected. The method detection limit is plotted. The PCE screening level is 5 µg/L, based on the MCL.



Notes: Open/unshaded symbols indicate the compound was not detected. The method detection limit is plotted. The PCE screening level is 5 µg/L, based on the MCL.

Appendix F

Mann-Kendall Trend Analysis

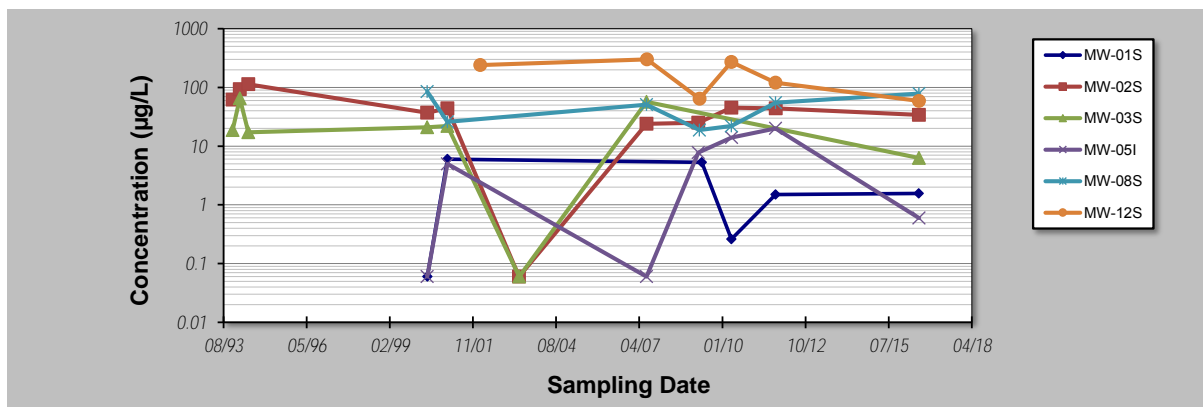
GSI MANN-KENDALL TOOLKIT for Constituent Trend Analysis

Evaluation Date: 1-Sep-16	Job ID: _____
Facility Name: Montgomery Capitol City Plume	Constituent: PCE
Conducted By: Qiqi Liang	Concentration Units: µg/L

Sampling Point ID:	MW-01S	MW-02S	MW-03S	MW-05I	MW-08S	MW-12S
--------------------	---------------	---------------	---------------	---------------	---------------	---------------

Sampling Event	Sampling Date	PCE CONCENTRATION (µg/L)					
		MW-01S	MW-02S	MW-03S	MW-05I	MW-08S	MW-12S
1	6-Dec-93		61.7	18.7			
2	4-Mar-94		93	65			
3	13-Jun-94		113	17.2			
4	3-May-00					85	
5	4-May-00		37	21	0.06		
6	5-May-00	0.06					
7	1-Jan-01	6	44	22	5	26	
8	1-Feb-02						240
9	13-May-03		0.06				
10	15-May-03			0.06			
11	24-Jul-07			57		51	
12	25-Jul-07		24				
13	26-Jul-07				0.06		
14	30-Jul-07						300
15	7-Apr-09		25				
16	8-Apr-09				7.77		
17	20-Apr-09					18.8	
18	23-Apr-09						63.8
19	12-May-09						
20	19-May-09	5.28					
21	10-May-10						270
22	11-May-10	0.26	45			22	
23	12-May-10				14		
24	24-Oct-11						120
25	25-Oct-11	1.5			20	55	
26	26-Oct-11		44				
27	12-Jul-16	1.56					
28	13-Jul-16		34.1	6.27		78.4	58.9
29	14-Jul-16				0.595		
30							

Coefficient of Variation:	1.05	0.67	0.89	1.14	0.56	0.61
Mann-Kendall Statistic (S):	1	-16	-4	10	1	-7
Confidence Factor:	50.0%	87.5%	64.0%	90.7%	50.0%	86.4%
Concentration Trend:	No Trend	Stable	Stable	Prob. Increasing	No Trend	Stable



Notes:

- At least four independent sampling events per well are required for calculating the trend. *Methodology is valid for 4 to 40 samples.*
- Confidence in Trend = Confidence (in percent) that constituent concentration is increasing (S>0) or decreasing (S<0); >95% = Increasing or Decreasing; ≥ 90% = Probably Increasing or Probably Decreasing; < 90% and S=0 = No Trend; < 90%, S≤0, and COV ≥ 1 = No Trend; < 90% and COV < 1 = Stable.
- Methodology based on "MAROS: A Decision Support System for Optimizing Monitoring Plans", J.J. Aziz, M. Ling, H.S. Rifai, C.J. Newell, and J.R. Gonzales, *Ground Water*, 41(3):355-367, 2003.

DISCLAIMER: The GSI Mann-Kendall Toolkit is available "as is". Considerable care has been exercised in preparing this software product; however, no party, including without limitation GSI Environmental Inc., makes any representation or warranty regarding the accuracy, correctness, or completeness of the information contained herein, and no such party shall be liable for any direct, indirect, consequential, incidental or other damages resulting from the use of this product or the information contained herein. Information in this publication is subject to change without notice. GSI Environmental Inc., disclaims any responsibility or obligation to update the information contained herein.

Appendix G
Historical Groundwater Data

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
AHS_ADEM-1	2/1/1999	Tetrachloroethene	30	µg/L		
AHS_ADEM-1	2/1/1999	cis-1,2-Dichloroethene	530	µg/L		
AHS_ADEM-1	2/1/1999	trans-1,2-Dichloroethene	4	µg/L		
AHS_ADEM-1	2/1/1999	Trichloroethene	8	µg/L		
AHS_GW-1	9/16/1998	Ethylbenzene	2	µg/L	U	
AHS_GW-1	9/16/1998	Styrene	5	µg/L	U	
AHS_GW-1	9/16/1998	cis-1,3-Dichloropropene	2	µg/L	U	
AHS_GW-1	9/16/1998	trans-1,3-Dichloropropene	2	µg/L	U	
AHS_GW-1	9/16/1998	n-Propylbenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	n-Butylbenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	4-Chlorotoluene	10	µg/L	U	
AHS_GW-1	9/16/1998	1,4-Dichlorobenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	1,2-Dibromoethane	10	µg/L	U	
AHS_GW-1	9/16/1998	Acrolein	50	µg/L	U	
AHS_GW-1	9/16/1998	Acrylonitrile	50	µg/L	U	
AHS_GW-1	9/16/1998	4-Methyl-2-pentanone	50	µg/L	U	
AHS_GW-1	9/16/1998	1,3,5-Trimethylbenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	Bromobenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	Toluene	2	µg/L	U	
AHS_GW-1	9/16/1998	Chlorobenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	Hexane	10	µg/L	U	
AHS_GW-1	9/16/1998	2-Chloroethylvinyl ether	10	µg/L	U	
AHS_GW-1	9/16/1998	1,2,4-Trichlorobenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	Chlorodibromomethane	10	µg/L	U	
AHS_GW-1	9/16/1998	Tetrachloroethene	2	µg/L	U	
AHS_GW-1	9/16/1998	Xylene Total	5	µg/L	U	
AHS_GW-1	9/16/1998	sec-Butylbenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	1,3-Dichloropropane	2	µg/L	U	
AHS_GW-1	9/16/1998	cis-1,2-Dichloroethene	9	µg/L		
AHS_GW-1	9/16/1998	trans-1,2-Dichloroethene	2	µg/L	U	
AHS_GW-1	9/16/1998	1,2-Dichloroethene	2	µg/L	U	
AHS_GW-1	9/16/1998	1,3-Dichlorobenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	Carbon tetrachloride	2	µg/L	U	
AHS_GW-1	9/16/1998	1,2-Dichloropropylene	10	µg/L	U	
AHS_GW-1	9/16/1998	2-hexanone (MBK)	50	µg/L	U	
AHS_GW-1	9/16/1998	2,2-Dichloropropane	10	µg/L	U	
AHS_GW-1	9/16/1998	1,1,1,2-Tetrachloroethane	2	µg/L	U	
AHS_GW-1	9/16/1998	Acetone	100	µg/L	U	
AHS_GW-1	9/16/1998	Chloroform	2	µg/L	U	
AHS_GW-1	9/16/1998	Benzene	2	µg/L	U	
AHS_GW-1	9/16/1998	1,1,1-Trichloroethane	2	µg/L	U	
AHS_GW-1	9/16/1998	Bromomethane	10	µg/L	U	
AHS_GW-1	9/16/1998	Chloromethane	10	µg/L	U	
AHS_GW-1	9/16/1998	Dibromomethane	10	µg/L	U	
AHS_GW-1	9/16/1998	Bromochloromethane	10	µg/L	U	
AHS_GW-1	9/16/1998	Chloroethane	5	µg/L	U	
AHS_GW-1	9/16/1998	Vinyl chloride	2	µg/L	U	
AHS_GW-1	9/16/1998	Methylene chloride	5	µg/L	U	
AHS_GW-1	9/16/1998	Carbon disulfide	5	µg/L	U	

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
AHS_GW-1	9/16/1998	Bromoform	10	µg/L	U	
AHS_GW-1	9/16/1998	1,1-Dichloroethane	2	µg/L	U	
AHS_GW-1	9/16/1998	1,1-Dichloroethene	2	µg/L	U	
AHS_GW-1	9/16/1998	Trichlorofluoromethane	10	µg/L	U	
AHS_GW-1	9/16/1998	Dichlorodifluoromethane	10	µg/L	U	
AHS_GW-1	9/16/1998	1,2-Dichloropropane	2	µg/L	U	
AHS_GW-1	9/16/1998	1,2-dichloropropane	10	µg/L	U	
AHS_GW-1	9/16/1998	Methyl Ethyl Ketone	100	µg/L	U	
AHS_GW-1	9/16/1998	1,1,2-Trichloroethane	2	µg/L	U	
AHS_GW-1	9/16/1998	Trichloroethene	2	µg/L	U	
AHS_GW-1	9/16/1998	1,1,2,2-Tetrachloroethane	2	µg/L	U	
AHS_GW-1	9/16/1998	1,2,3-Trichlorobenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	Hexachlorobutadiene	10	µg/L	U	
AHS_GW-1	9/16/1998	Naphthalene	10	µg/L	U	
AHS_GW-1	9/16/1998	1,2,4-Trimethylbenzene (2 isomers)	10	µg/L	U	
AHS_GW-1	9/16/1998	Xylene (o)	5	µg/L	U	
AHS_GW-1	9/16/1998	2-Chlorotoluene	10	µg/L	U	
AHS_GW-1	9/16/1998	1,2-Dichlorobenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	1,2-Dibromo-3-chloropropane	10	µg/L	U	
AHS_GW-1	9/16/1998	1,2,3-Trichloropropane	10	µg/L	U	
AHS_GW-1	9/16/1998	tert-Butylbenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	Isopropylbenzene	10	µg/L	U	
AHS_GW-1	9/16/1998	p-Isopropyltoluene	10	µg/L	U	
AHS_GW-1	9/16/1998	Xylenes (unspecified)	5	µg/L	U	
AHS_GW-1	9/16/1998	m&p-Xylene	5	µg/L	U	
AHS_GW-2	9/16/1998	Ethylbenzene	2	µg/L	U	
AHS_GW-2	9/16/1998	Styrene	5	µg/L	U	
AHS_GW-2	9/16/1998	cis-1,3-Dichloropropene	2	µg/L	U	
AHS_GW-2	9/16/1998	trans-1,3-Dichloropropene	2	µg/L	U	
AHS_GW-2	9/16/1998	n-Propylbenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	n-Butylbenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	4-Chlorotoluene	10	µg/L	U	
AHS_GW-2	9/16/1998	1,4-Dichlorobenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	1,2-Dibromoethane	10	µg/L	U	
AHS_GW-2	9/16/1998	Acrolein	50	µg/L	U	
AHS_GW-2	9/16/1998	Acrylonitrile	50	µg/L	U	
AHS_GW-2	9/16/1998	4-Methyl-2-pentanone	50	µg/L	U	
AHS_GW-2	9/16/1998	1,3,5-Trimethylbenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	Bromobenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	Toluene	2	µg/L	U	
AHS_GW-2	9/16/1998	Chlorobenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	Hexane	10	µg/L	U	
AHS_GW-2	9/16/1998	2-Chloroethylvinyl ether	10	µg/L	U	
AHS_GW-2	9/16/1998	1,2,4-Trichlorobenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	Chlorodibromomethane	10	µg/L	U	
AHS_GW-2	9/16/1998	Tetrachloroethene	2	µg/L	U	
AHS_GW-2	9/16/1998	Xylene Total	5	µg/L	U	
AHS_GW-2	9/16/1998	sec-Butylbenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	1,3-Dichloropropane	2	µg/L	U	

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
AHS_GW-2	9/16/1998	cis-1,2-Dichloroethene	510	µg/L		
AHS_GW-2	9/16/1998	trans-1,2-Dichloroethene	2	µg/L	U	
AHS_GW-2	9/16/1998	1,2-Dichloroethene	2	µg/L	U	
AHS_GW-2	9/16/1998	1,3-Dichlorobenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	Carbon tetrachloride	2	µg/L	U	
AHS_GW-2	9/16/1998	1,2-Dichloropropylene	10	µg/L	U	
AHS_GW-2	9/16/1998	2-hexanone (MBK)	50	µg/L	U	
AHS_GW-2	9/16/1998	2,2-Dichloropropane	10	µg/L	U	
AHS_GW-2	9/16/1998	1,1,1,2-Tetrachloroethane	2	µg/L	U	
AHS_GW-2	9/16/1998	Acetone	100	µg/L	U	
AHS_GW-2	9/16/1998	Chloroform	2	µg/L	U	
AHS_GW-2	9/16/1998	Benzene	2	µg/L	U	
AHS_GW-2	9/16/1998	1,1,1-Trichloroethane	2	µg/L	U	
AHS_GW-2	9/16/1998	Bromomethane	10	µg/L	U	
AHS_GW-2	9/16/1998	Chloromethane	10	µg/L	U	
AHS_GW-2	9/16/1998	Dibromomethane	10	µg/L	U	
AHS_GW-2	9/16/1998	Bromochloromethane	10	µg/L	U	
AHS_GW-2	9/16/1998	Chloroethane	5	µg/L	U	
AHS_GW-2	9/16/1998	Vinyl chloride	10	µg/L	U	
AHS_GW-2	9/16/1998	Methylene chloride	5	µg/L	U	
AHS_GW-2	9/16/1998	Carbon disulfide	29	µg/L		
AHS_GW-2	9/16/1998	Bromoform	10	µg/L	U	
AHS_GW-2	9/16/1998	1,1-Dichloroethane	2	µg/L	U	
AHS_GW-2	9/16/1998	1,1-Dichloroethene	2	µg/L	U	
AHS_GW-2	9/16/1998	Trichlorofluoromethane	10	µg/L	U	
AHS_GW-2	9/16/1998	Dichlorodifluoromethane	10	µg/L	U	
AHS_GW-2	9/16/1998	1,2-Dichloropropane	2	µg/L	U	
AHS_GW-2	9/16/1998	1,2-dichloropropane	10	µg/L	U	
AHS_GW-2	9/16/1998	Methyl Ethyl Ketone	100	µg/L	U	
AHS_GW-2	9/16/1998	1,1,2-Trichloroethane	2	µg/L	U	
AHS_GW-2	9/16/1998	Trichloroethene	2	µg/L	U	
AHS_GW-2	9/16/1998	1,1,2,2-Tetrachloroethane	2	µg/L	U	
AHS_GW-2	9/16/1998	1,2,3-Trichlorobenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	Hexachlorobutadiene	10	µg/L	U	
AHS_GW-2	9/16/1998	Naphthalene	10	µg/L	U	
AHS_GW-2	9/16/1998	1,2,4-Trimethylbenzene (2 isomers)	10	µg/L	U	
AHS_GW-2	9/16/1998	Xylene (o)	5	µg/L	U	
AHS_GW-2	9/16/1998	2-Chlorotoluene	10	µg/L	U	
AHS_GW-2	9/16/1998	1,2-Dichlorobenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	1,2-Dibromo-3-chloropropane	10	µg/L	U	
AHS_GW-2	9/16/1998	1,2,3-Trichloropropane	10	µg/L	U	
AHS_GW-2	9/16/1998	tert-Butylbenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	Isopropylbenzene	10	µg/L	U	
AHS_GW-2	9/16/1998	p-Isopropyltoluene	10	µg/L	U	
AHS_GW-2	9/16/1998	Xylenes (unspecified)	5	µg/L	U	
AHS_GW-2	9/16/1998	m&p-Xylene	5	µg/L	U	
CH2-SB01	2/15/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB01	2/15/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB01	2/15/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB01	2/15/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB01	2/15/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB01	2/15/1999	1,1-Dichloroethene	2.35	µg/L		T
CH2-SB01	2/15/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB01	2/15/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB01	2/15/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB01	2/15/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB01	2/15/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB01	2/15/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB01	2/15/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB01	2/15/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB01	2/15/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB01	2/15/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB01	2/15/1999	Aldrin	0.5	µg/L	U	T
CH2-SB01	2/15/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB01	2/15/1999	Atrazine	1.5	µg/L	U	T
CH2-SB01	2/15/1999	Benzene	1	µg/L	U	T
CH2-SB01	2/15/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB01	2/15/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB01	2/15/1999	Bromobenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB01	2/15/1999	Bromoform	1	µg/L	U	T
CH2-SB01	2/15/1999	Bromomethane	1	µg/L	U	T
CH2-SB01	2/15/1999	Butachlor	0.5	µg/L	U	T
CH2-SB01	2/15/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB01	2/15/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB01	2/15/1999	Chloroethane	1	µg/L	U	T
CH2-SB01	2/15/1999	Chloroform	1	µg/L	U	T
CH2-SB01	2/15/1999	Chloromethane	1	µg/L	U	T
CH2-SB01	2/15/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB01	2/15/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB01	2/15/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB01	2/15/1999	Dibromomethane	1	µg/L	U	T
CH2-SB01	2/15/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB01	2/15/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB01	2/15/1999	Endrin	1	µg/L	U	T
CH2-SB01	2/15/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB01	2/15/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB01	2/15/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB01	2/15/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB01	2/15/1999	Hexachlorobutadiene	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB01	2/15/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB01	2/15/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	Metachlor	1	µg/L	U	T
CH2-SB01	2/15/1999	Methoxychlor	20	µg/L	U	T
CH2-SB01	2/15/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB01	2/15/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB01	2/15/1999	Naphthalene	1	µg/L	U	T
CH2-SB01	2/15/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB01	2/15/1999	Propachlor	0.5	µg/L	U	T
CH2-SB01	2/15/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	Simazine	2	µg/L	U	T
CH2-SB01	2/15/1999	Styrene	1	µg/L	U	T
CH2-SB01	2/15/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB01	2/15/1999	Tetrachloroethene	5.81	µg/L		T
CH2-SB01	2/15/1999	Toluene	1	µg/L	U	T
CH2-SB01	2/15/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB01	2/15/1999	Trichloroethene	1	µg/L		T
CH2-SB01	2/15/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB01	2/15/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB01	2/15/1999	Xylene Total	1	µg/L	U	T
CH2-SB02	2/16/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,1-Dichloroethene	4.07	µg/L		T
CH2-SB02	2/16/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB02	2/16/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB02	2/16/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB02	2/16/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB02	2/16/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB02	2/16/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB02	2/16/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB02	2/16/1999	Aldrin	0.5	µg/L	U	T
CH2-SB02	2/16/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB02	2/16/1999	Atrazine	1.5	µg/L	U	T
CH2-SB02	2/16/1999	Benzene	1	µg/L	U	T
CH2-SB02	2/16/1999	Benzo(a) pyrene	0.1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB02	2/16/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB02	2/16/1999	Bromobenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB02	2/16/1999	Bromoform	1	µg/L	U	T
CH2-SB02	2/16/1999	Bromomethane	1	µg/L	U	T
CH2-SB02	2/16/1999	Butachlor	0.5	µg/L	U	T
CH2-SB02	2/16/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB02	2/16/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB02	2/16/1999	Chloroethane	1	µg/L	U	T
CH2-SB02	2/16/1999	Chloroform	1	µg/L	U	T
CH2-SB02	2/16/1999	Chloromethane	1	µg/L	U	T
CH2-SB02	2/16/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB02	2/16/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB02	2/16/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB02	2/16/1999	Dibromomethane	1	µg/L	U	T
CH2-SB02	2/16/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB02	2/16/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB02	2/16/1999	Endrin	1	µg/L	U	T
CH2-SB02	2/16/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB02	2/16/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB02	2/16/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB02	2/16/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB02	2/16/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB02	2/16/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB02	2/16/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	Metachlor	1	µg/L	U	T
CH2-SB02	2/16/1999	Methoxychlor	20	µg/L	U	T
CH2-SB02	2/16/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB02	2/16/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB02	2/16/1999	Naphthalene	1	µg/L	U	T
CH2-SB02	2/16/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB02	2/16/1999	Propachlor	0.5	µg/L	U	T
CH2-SB02	2/16/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	Simazine	2	µg/L	U	T
CH2-SB02	2/16/1999	Styrene	1	µg/L	U	T
CH2-SB02	2/16/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB02	2/16/1999	Tetrachloroethene	4.23	µg/L		T
CH2-SB02	2/16/1999	Toluene	1	µg/L	U	T
CH2-SB02	2/16/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB02	2/16/1999	Trichloroethene	1	µg/L	U	T
CH2-SB02	2/16/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB02	2/16/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB02	2/16/1999	Xylene Total	1	µg/L	U	T
CH2-SB03	2/17/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB03	2/17/1999	1,1,1-Trichloroethane	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB03	2/17/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB03	2/17/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB03	2/17/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB03	2/17/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB03	2/17/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB03	2/17/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	1,2,3-Trichloropropane	3.05	µg/L		T
CH2-SB03	2/17/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB03	2/17/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB03	2/17/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB03	2/17/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB03	2/17/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB03	2/17/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB03	2/17/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB03	2/17/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB03	2/17/1999	Aldrin	0.5	µg/L	U	T
CH2-SB03	2/17/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB03	2/17/1999	Atrazine	1.5	µg/L	U	T
CH2-SB03	2/17/1999	Benzene	1	µg/L	U	T
CH2-SB03	2/17/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB03	2/17/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB03	2/17/1999	Bromobenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB03	2/17/1999	Bromoform	1	µg/L	U	T
CH2-SB03	2/17/1999	Bromomethane	1	µg/L	U	T
CH2-SB03	2/17/1999	Butachlor	0.5	µg/L	U	T
CH2-SB03	2/17/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB03	2/17/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB03	2/17/1999	Chloroethane	1	µg/L	U	T
CH2-SB03	2/17/1999	Chloroform	1	µg/L	U	T
CH2-SB03	2/17/1999	Chloromethane	1	µg/L	U	T
CH2-SB03	2/17/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB03	2/17/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB03	2/17/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB03	2/17/1999	Dibromomethane	1	µg/L	U	T
CH2-SB03	2/17/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB03	2/17/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB03	2/17/1999	Endrin	1	µg/L	U	T
CH2-SB03	2/17/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB03	2/17/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB03	2/17/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB03	2/17/1999	Hexachlorobenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB03	2/17/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB03	2/17/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB03	2/17/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	Metachlor	1	µg/L	U	T
CH2-SB03	2/17/1999	Methoxychlor	20	µg/L	U	T
CH2-SB03	2/17/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB03	2/17/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB03	2/17/1999	Naphthalene	1	µg/L	U	T
CH2-SB03	2/17/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB03	2/17/1999	Propachlor	0.5	µg/L	U	T
CH2-SB03	2/17/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	Simazine	2	µg/L	U	T
CH2-SB03	2/17/1999	Styrene	1	µg/L	U	T
CH2-SB03	2/17/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB03	2/17/1999	Tetrachloroethene	212	µg/L		T
CH2-SB03	2/17/1999	Toluene	1	µg/L	U	T
CH2-SB03	2/17/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB03	2/17/1999	Trichloroethene	1	µg/L	U	T
CH2-SB03	2/17/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB03	2/17/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB03	2/17/1999	Xylene Total	1	µg/L	U	T
CH2-SB04	2/16/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB04	2/16/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB04	2/16/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB04	2/16/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB04	2/16/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB04	2/16/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB04	2/16/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB04	2/16/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB04	2/16/1999	Aldrin	0.5	µg/L	U	T
CH2-SB04	2/16/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB04	2/16/1999	Atrazine	1.5	µg/L	U	T
CH2-SB04	2/16/1999	Benzene	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB04	2/16/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB04	2/16/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB04	2/16/1999	Bromobenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB04	2/16/1999	Bromoform	1	µg/L	U	T
CH2-SB04	2/16/1999	Bromomethane	1	µg/L	U	T
CH2-SB04	2/16/1999	Butachlor	0.5	µg/L	U	T
CH2-SB04	2/16/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB04	2/16/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB04	2/16/1999	Chloroethane	1	µg/L	U	T
CH2-SB04	2/16/1999	Chloroform	1	µg/L	U	T
CH2-SB04	2/16/1999	Chloromethane	1	µg/L	U	T
CH2-SB04	2/16/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB04	2/16/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB04	2/16/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB04	2/16/1999	Dibromomethane	1	µg/L	U	T
CH2-SB04	2/16/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB04	2/16/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB04	2/16/1999	Endrin	1	µg/L	U	T
CH2-SB04	2/16/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB04	2/16/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB04	2/16/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB04	2/16/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB04	2/16/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB04	2/16/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB04	2/16/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	Metachlor	1	µg/L	U	T
CH2-SB04	2/16/1999	Methoxychlor	20	µg/L	U	T
CH2-SB04	2/16/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB04	2/16/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB04	2/16/1999	Naphthalene	1	µg/L	U	T
CH2-SB04	2/16/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB04	2/16/1999	Propachlor	0.5	µg/L	U	T
CH2-SB04	2/16/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	Simazine	2	µg/L	U	T
CH2-SB04	2/16/1999	Styrene	1	µg/L	U	T
CH2-SB04	2/16/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB04	2/16/1999	Tetrachloroethene	2.88	µg/L		T
CH2-SB04	2/16/1999	Toluene	1	µg/L	U	T
CH2-SB04	2/16/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB04	2/16/1999	Trichloroethene	1	µg/L	U	T
CH2-SB04	2/16/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB04	2/16/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB04	2/16/1999	Xylene Total	1	µg/L	U	T
CH2-SB05	2/17/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB05	2/17/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB05	2/17/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB05	2/17/1999	1,1,2-Trichloroethane	1.06	µg/L		T
CH2-SB05	2/17/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB05	2/17/1999	1,1-Dichloroethene	2.35	µg/L		T
CH2-SB05	2/17/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB05	2/17/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB05	2/17/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB05	2/17/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB05	2/17/1999	1,2,4-Trimethylbenzene (2 isomers)	25.9	µg/L		T
CH2-SB05	2/17/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB05	2/17/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB05	2/17/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB05	2/17/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB05	2/17/1999	1,3,5-Trimethylbenzene	13	µg/L		T
CH2-SB05	2/17/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB05	2/17/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB05	2/17/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB05	2/17/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB05	2/17/1999	2-Chlorotoluene	6.14	µg/L		T
CH2-SB05	2/17/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB05	2/17/1999	Aldrin	0.5	µg/L	U	T
CH2-SB05	2/17/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB05	2/17/1999	Atrazine	1.5	µg/L	U	T
CH2-SB05	2/17/1999	Benzene	1.8	µg/L		T
CH2-SB05	2/17/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB05	2/17/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB05	2/17/1999	Bromobenzene	1	µg/L	U	T
CH2-SB05	2/17/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB05	2/17/1999	Bromoform	1	µg/L	U	T
CH2-SB05	2/17/1999	Bromomethane	1	µg/L	U	T
CH2-SB05	2/17/1999	Butachlor	0.5	µg/L	U	T
CH2-SB05	2/17/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB05	2/17/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB05	2/17/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB05	2/17/1999	Chloroethane	1	µg/L	U	T
CH2-SB05	2/17/1999	Chloroform	1	µg/L	U	T
CH2-SB05	2/17/1999	Chloromethane	1	µg/L	U	T
CH2-SB05	2/17/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB05	2/17/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB05	2/17/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB05	2/17/1999	Dibromomethane	1	µg/L	U	T
CH2-SB05	2/17/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB05	2/17/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB05	2/17/1999	Endrin	1	µg/L	U	T
CH2-SB05	2/17/1999	Ethylbenzene	8.11	µg/L		T
CH2-SB05	2/17/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB05	2/17/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB05	2/17/1999	Heptachlor epoxide	0.1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB05	2/17/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB05	2/17/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB05	2/17/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB05	2/17/1999	Isopropylbenzene	3.83	µg/L		T
CH2-SB05	2/17/1999	Metachlor	1	µg/L	U	T
CH2-SB05	2/17/1999	Methoxychlor	20	µg/L	U	T
CH2-SB05	2/17/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB05	2/17/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB05	2/17/1999	Naphthalene	3.06	µg/L		T
CH2-SB05	2/17/1999	n-Butylbenzene	3.52	µg/L		T
CH2-SB05	2/17/1999	n-Propylbenzene	4.74	µg/L		T
CH2-SB05	2/17/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB05	2/17/1999	Propachlor	0.5	µg/L	U	T
CH2-SB05	2/17/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB05	2/17/1999	Simazine	2	µg/L	U	T
CH2-SB05	2/17/1999	Styrene	1	µg/L	U	T
CH2-SB05	2/17/1999	tert-Butylbenzene	2.84	µg/L		T
CH2-SB05	2/17/1999	Tetrachloroethene	12.7	µg/L		T
CH2-SB05	2/17/1999	Toluene	1	µg/L	U	T
CH2-SB05	2/17/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB05	2/17/1999	Trichloroethene	1.24	µg/L		T
CH2-SB05	2/17/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB05	2/17/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB05	2/17/1999	Xylene Total	13.9	µg/L		T
CH2-SB06	2/18/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB06	2/18/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB06	2/18/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB06	2/18/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB06	2/18/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB06	2/18/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB06	2/18/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB06	2/18/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB06	2/18/1999	Aldrin	0.5	µg/L	U	T
CH2-SB06	2/18/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB06	2/18/1999	Atrazine	1.5	µg/L	U	T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB06	2/18/1999	Benzene	1	µg/L	U	T
CH2-SB06	2/18/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB06	2/18/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB06	2/18/1999	Bromobenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB06	2/18/1999	Bromoform	1	µg/L	U	T
CH2-SB06	2/18/1999	Bromomethane	1	µg/L	U	T
CH2-SB06	2/18/1999	Butachlor	0.5	µg/L	U	T
CH2-SB06	2/18/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB06	2/18/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB06	2/18/1999	Chloroethane	1	µg/L	U	T
CH2-SB06	2/18/1999	Chloroform	1	µg/L	U	T
CH2-SB06	2/18/1999	Chloromethane	1	µg/L	U	T
CH2-SB06	2/18/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB06	2/18/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB06	2/18/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB06	2/18/1999	Dibromomethane	1	µg/L	U	T
CH2-SB06	2/18/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB06	2/18/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB06	2/18/1999	Endrin	1	µg/L	U	T
CH2-SB06	2/18/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB06	2/18/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB06	2/18/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB06	2/18/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB06	2/18/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB06	2/18/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB06	2/18/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	Metachlor	1	µg/L	U	T
CH2-SB06	2/18/1999	Methoxychlor	20	µg/L	U	T
CH2-SB06	2/18/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB06	2/18/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB06	2/18/1999	Naphthalene	1	µg/L	U	T
CH2-SB06	2/18/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB06	2/18/1999	Propachlor	0.5	µg/L	U	T
CH2-SB06	2/18/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	Simazine	2	µg/L	U	T
CH2-SB06	2/18/1999	Styrene	1	µg/L	U	T
CH2-SB06	2/18/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB06	2/18/1999	Tetrachloroethene	4.88	µg/L		T
CH2-SB06	2/18/1999	Toluene	1	µg/L	U	T
CH2-SB06	2/18/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB06	2/18/1999	Trichloroethene	1.2	µg/L		T
CH2-SB06	2/18/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB06	2/18/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB06	2/18/1999	Xylene Total	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB07	2/18/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB07	2/18/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB07	2/18/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB07	2/18/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB07	2/18/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB07	2/18/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB07	2/18/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB07	2/18/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB07	2/18/1999	Aldrin	0.5	µg/L	U	T
CH2-SB07	2/18/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB07	2/18/1999	Atrazine	1.5	µg/L	U	T
CH2-SB07	2/18/1999	Benzene	1	µg/L	U	T
CH2-SB07	2/18/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB07	2/18/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB07	2/18/1999	Bromobenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB07	2/18/1999	Bromoform	1	µg/L	U	T
CH2-SB07	2/18/1999	Bromomethane	1	µg/L	U	T
CH2-SB07	2/18/1999	Butachlor	0.5	µg/L	U	T
CH2-SB07	2/18/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB07	2/18/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB07	2/18/1999	Chloroethane	1	µg/L	U	T
CH2-SB07	2/18/1999	Chloroform	1	µg/L	U	T
CH2-SB07	2/18/1999	Chloromethane	1	µg/L	U	T
CH2-SB07	2/18/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB07	2/18/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB07	2/18/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB07	2/18/1999	Dibromomethane	1	µg/L	U	T
CH2-SB07	2/18/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB07	2/18/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB07	2/18/1999	Endrin	1	µg/L	U	T
CH2-SB07	2/18/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB07	2/18/1999	Heptachlor	0.2	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB07	2/18/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB07	2/18/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB07	2/18/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB07	2/18/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB07	2/18/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	Metachlor	1	µg/L	U	T
CH2-SB07	2/18/1999	Methoxychlor	20	µg/L	U	T
CH2-SB07	2/18/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB07	2/18/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB07	2/18/1999	Naphthalene	1	µg/L	U	T
CH2-SB07	2/18/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB07	2/18/1999	Propachlor	0.5	µg/L	U	T
CH2-SB07	2/18/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	Simazine	2	µg/L	U	T
CH2-SB07	2/18/1999	Styrene	1	µg/L	U	T
CH2-SB07	2/18/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB07	2/18/1999	Tetrachloroethene	1	µg/L	U	T
CH2-SB07	2/18/1999	Toluene	1	µg/L	U	T
CH2-SB07	2/18/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB07	2/18/1999	Trichloroethene	1	µg/L	U	T
CH2-SB07	2/18/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB07	2/18/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB07	2/18/1999	Xylenes (unspecified)	1	µg/L	U	T
CH2-SB08	2/19/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB08	2/19/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB08	2/19/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	1,2,4-Trimethylbenzene (2 isomers)	4.21	µg/L		T
CH2-SB08	2/19/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB08	2/19/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB08	2/19/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB08	2/19/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB08	2/19/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB08	2/19/1999	Aldrin	0.5	µg/L	U	T
CH2-SB08	2/19/1999	Aldrin + Dieldrin	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB08	2/19/1999	Atrazine	1.5	µg/L	U	T
CH2-SB08	2/19/1999	Benzene	1	µg/L	U	T
CH2-SB08	2/19/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB08	2/19/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB08	2/19/1999	Bromobenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB08	2/19/1999	Bromoform	1	µg/L	U	T
CH2-SB08	2/19/1999	Bromomethane	1	µg/L	U	T
CH2-SB08	2/19/1999	Butachlor	0.5	µg/L	U	T
CH2-SB08	2/19/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB08	2/19/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB08	2/19/1999	Chloroethane	1	µg/L	U	T
CH2-SB08	2/19/1999	Chloroform	1	µg/L	U	T
CH2-SB08	2/19/1999	Chloromethane	1	µg/L	U	T
CH2-SB08	2/19/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB08	2/19/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB08	2/19/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB08	2/19/1999	Dibromomethane	1	µg/L	U	T
CH2-SB08	2/19/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB08	2/19/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB08	2/19/1999	Endrin	1	µg/L	U	T
CH2-SB08	2/19/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	γ-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB08	2/19/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB08	2/19/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB08	2/19/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB08	2/19/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB08	2/19/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB08	2/19/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	Metachlor	1	µg/L	U	T
CH2-SB08	2/19/1999	Methoxychlor	20	µg/L	U	T
CH2-SB08	2/19/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB08	2/19/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB08	2/19/1999	Naphthalene	2.29	µg/L		T
CH2-SB08	2/19/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB08	2/19/1999	Propachlor	0.5	µg/L	U	T
CH2-SB08	2/19/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	Simazine	2	µg/L	U	T
CH2-SB08	2/19/1999	Styrene	1	µg/L	U	T
CH2-SB08	2/19/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB08	2/19/1999	Tetrachloroethene	1	µg/L	U	T
CH2-SB08	2/19/1999	Toluene	1	µg/L	U	T
CH2-SB08	2/19/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB08	2/19/1999	Trichloroethene	1	µg/L	U	T
CH2-SB08	2/19/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB08	2/19/1999	Vinyl chloride	1	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB08	2/19/1999	Xylenes (unspecified)	1	µg/L	U	T
CH2-SB09	2/19/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB09	2/19/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB09	2/19/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	1,2,4-Trimethylbenzene (2 isomers)	1.75	µg/L		T
CH2-SB09	2/19/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB09	2/19/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB09	2/19/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB09	2/19/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB09	2/19/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB09	2/19/1999	Aldrin	0.5	µg/L	U	T
CH2-SB09	2/19/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB09	2/19/1999	Atrazine	1.5	µg/L	U	T
CH2-SB09	2/19/1999	Benzene	1	µg/L	U	T
CH2-SB09	2/19/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB09	2/19/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB09	2/19/1999	Bromobenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB09	2/19/1999	Bromoform	1	µg/L	U	T
CH2-SB09	2/19/1999	Bromomethane	1	µg/L	U	T
CH2-SB09	2/19/1999	Butachlor	0.5	µg/L	U	T
CH2-SB09	2/19/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB09	2/19/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB09	2/19/1999	Chloroethane	1	µg/L	U	T
CH2-SB09	2/19/1999	Chloroform	1	µg/L	U	T
CH2-SB09	2/19/1999	Chloromethane	1	µg/L	U	T
CH2-SB09	2/19/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB09	2/19/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB09	2/19/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB09	2/19/1999	Dibromomethane	1	µg/L	U	T
CH2-SB09	2/19/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB09	2/19/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB09	2/19/1999	Endrin	1	µg/L	U	T
CH2-SB09	2/19/1999	Ethylbenzene	2.19	µg/L		T
CH2-SB09	2/19/1999	g-BHC (Lindane)	0.1	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB09	2/19/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB09	2/19/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB09	2/19/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB09	2/19/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB09	2/19/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB09	2/19/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	Metachlor	1	µg/L	U	T
CH2-SB09	2/19/1999	Methoxychlor	20	µg/L	U	T
CH2-SB09	2/19/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB09	2/19/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB09	2/19/1999	Naphthalene	1	µg/L	U	T
CH2-SB09	2/19/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB09	2/19/1999	Propachlor	0.5	µg/L	U	T
CH2-SB09	2/19/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	Simazine	2	µg/L	U	T
CH2-SB09	2/19/1999	Styrene	1	µg/L	U	T
CH2-SB09	2/19/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB09	2/19/1999	Tetrachloroethene	1	µg/L	U	T
CH2-SB09	2/19/1999	Toluene	1	µg/L	U	T
CH2-SB09	2/19/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB09	2/19/1999	Trichloroethene	1	µg/L	U	T
CH2-SB09	2/19/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB09	2/19/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB09	2/19/1999	Xylene (m)	2.13	µg/L		T
CH2-SB09	2/19/1999	Xylene (p)	2.13	µg/L		T
CH2-SB09	2/19/1999	Xylenes (unspecified)	1	µg/L	U	T
CH2-SB10	2/22/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB10	2/22/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB10	2/22/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB10	2/22/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB10	2/22/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB10	2/22/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB10	2/22/1999	2-Chlorotoluene	1	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB10	2/22/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB10	2/22/1999	Aldrin	0.5	µg/L	U	T
CH2-SB10	2/22/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB10	2/22/1999	Atrazine	1.5	µg/L	U	T
CH2-SB10	2/22/1999	Benzene	1	µg/L	U	T
CH2-SB10	2/22/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB10	2/22/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB10	2/22/1999	Bromobenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB10	2/22/1999	Bromoform	1	µg/L	U	T
CH2-SB10	2/22/1999	Bromomethane	1	µg/L	U	T
CH2-SB10	2/22/1999	Butachlor	0.5	µg/L	U	T
CH2-SB10	2/22/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB10	2/22/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB10	2/22/1999	Chloroethane	1	µg/L	U	T
CH2-SB10	2/22/1999	Chloroform	6.84	µg/L		T
CH2-SB10	2/22/1999	Chloromethane	1	µg/L	U	T
CH2-SB10	2/22/1999	cis-1,2-Dichloroethene	1.09	µg/L		T
CH2-SB10	2/22/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB10	2/22/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB10	2/22/1999	Dibromomethane	1	µg/L	U	T
CH2-SB10	2/22/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB10	2/22/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB10	2/22/1999	Endrin	1	µg/L	U	T
CH2-SB10	2/22/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB10	2/22/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB10	2/22/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB10	2/22/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB10	2/22/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB10	2/22/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB10	2/22/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	Metachlor	1	µg/L	U	T
CH2-SB10	2/22/1999	Methoxychlor	20	µg/L	U	T
CH2-SB10	2/22/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB10	2/22/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB10	2/22/1999	Naphthalene	1	µg/L	U	T
CH2-SB10	2/22/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB10	2/22/1999	Propachlor	0.5	µg/L	U	T
CH2-SB10	2/22/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	Simazine	2	µg/L	U	T
CH2-SB10	2/22/1999	Styrene	1	µg/L	U	T
CH2-SB10	2/22/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB10	2/22/1999	Tetrachloroethene	3.62	µg/L		T
CH2-SB10	2/22/1999	Toluene	1	µg/L	U	T
CH2-SB10	2/22/1999	trans-1,2-Dichloroethene	1	µg/L	U	T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB10	2/22/1999	Trichloroethene	1.21	µg/L		T
CH2-SB10	2/22/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB10	2/22/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB10	2/22/1999	Xylenes (unspecified)	1	µg/L	U	T
CH2-SB11	2/22/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB11	2/22/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB11	2/22/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB11	2/22/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB11	2/22/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB11	2/22/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB11	2/22/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB11	2/22/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	1,2,3-Trichloropropane	3.06	µg/L		T
CH2-SB11	2/22/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB11	2/22/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB11	2/22/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB11	2/22/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB11	2/22/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB11	2/22/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB11	2/22/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB11	2/22/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB11	2/22/1999	Aldrin	0.5	µg/L	U	T
CH2-SB11	2/22/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB11	2/22/1999	Atrazine	1.5	µg/L	U	T
CH2-SB11	2/22/1999	Benzene	1	µg/L	U	T
CH2-SB11	2/22/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB11	2/22/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB11	2/22/1999	Bromobenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB11	2/22/1999	Bromoform	1	µg/L	U	T
CH2-SB11	2/22/1999	Bromomethane	1	µg/L	U	T
CH2-SB11	2/22/1999	Butachlor	0.5	µg/L	U	T
CH2-SB11	2/22/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB11	2/22/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB11	2/22/1999	Chloroethane	1	µg/L	U	T
CH2-SB11	2/22/1999	Chloroform	1	µg/L	U	T
CH2-SB11	2/22/1999	Chloromethane	1	µg/L	U	T
CH2-SB11	2/22/1999	cis-1,2-Dichloroethene	1.58	µg/L		T
CH2-SB11	2/22/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB11	2/22/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB11	2/22/1999	Dibromomethane	1	µg/L	U	T
CH2-SB11	2/22/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB11	2/22/1999	Dieldrin	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB11	2/22/1999	Endrin	1	µg/L	U	T
CH2-SB11	2/22/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB11	2/22/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB11	2/22/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB11	2/22/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB11	2/22/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB11	2/22/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB11	2/22/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	Metachlor	1	µg/L	U	T
CH2-SB11	2/22/1999	Methoxychlor	20	µg/L	U	T
CH2-SB11	2/22/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB11	2/22/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB11	2/22/1999	Naphthalene	1	µg/L	U	T
CH2-SB11	2/22/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB11	2/22/1999	Propachlor	0.5	µg/L	U	T
CH2-SB11	2/22/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	Simazine	2	µg/L	U	T
CH2-SB11	2/22/1999	Styrene	1	µg/L	U	T
CH2-SB11	2/22/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB11	2/22/1999	Tetrachloroethene	24.19	µg/L		T
CH2-SB11	2/22/1999	Toluene	1	µg/L	U	T
CH2-SB11	2/22/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB11	2/22/1999	Trichloroethene	1.41	µg/L		T
CH2-SB11	2/22/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB11	2/22/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB11	2/22/1999	Xylenes (unspecified)	1	µg/L	U	T
CH2-SB12	2/23/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB12	2/23/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB12	2/23/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB12	2/23/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB12	2/23/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB12	2/23/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	2,2-Dichloropropane	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB12	2/23/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB12	2/23/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB12	2/23/1999	Aldrin	0.5	µg/L	U	T
CH2-SB12	2/23/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB12	2/23/1999	Atrazine	1.5	µg/L	U	T
CH2-SB12	2/23/1999	Benzene	1	µg/L	U	T
CH2-SB12	2/23/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB12	2/23/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB12	2/23/1999	Bromobenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB12	2/23/1999	Bromoform	1	µg/L	U	T
CH2-SB12	2/23/1999	Bromomethane	1	µg/L	U	T
CH2-SB12	2/23/1999	Butachlor	0.5	µg/L	U	T
CH2-SB12	2/23/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB12	2/23/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB12	2/23/1999	Chloroethane	1	µg/L	U	T
CH2-SB12	2/23/1999	Chloroform	1	µg/L	U	T
CH2-SB12	2/23/1999	Chloromethane	1	µg/L	U	T
CH2-SB12	2/23/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB12	2/23/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB12	2/23/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB12	2/23/1999	Dibromomethane	1	µg/L	U	T
CH2-SB12	2/23/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB12	2/23/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB12	2/23/1999	Endrin	1	µg/L	U	T
CH2-SB12	2/23/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB12	2/23/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB12	2/23/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB12	2/23/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB12	2/23/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB12	2/23/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB12	2/23/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	Metachlor	1	µg/L	U	T
CH2-SB12	2/23/1999	Methoxychlor	20	µg/L	U	T
CH2-SB12	2/23/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB12	2/23/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB12	2/23/1999	Naphthalene	1	µg/L	U	T
CH2-SB12	2/23/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB12	2/23/1999	Propachlor	0.5	µg/L	U	T
CH2-SB12	2/23/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	Simazine	2	µg/L	U	T
CH2-SB12	2/23/1999	Styrene	1	µg/L	U	T
CH2-SB12	2/23/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB12	2/23/1999	Tetrachloroethene	40.55	µg/L		T
CH2-SB12	2/23/1999	Toluene	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB12	2/23/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB12	2/23/1999	Trichloroethene	1	µg/L	U	T
CH2-SB12	2/23/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB12	2/23/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB12	2/23/1999	Xylenes (unspecified)	1	µg/L	U	T
CH2-SB13	2/23/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB13	2/23/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB13	2/23/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB13	2/23/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB13	2/23/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB13	2/23/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB13	2/23/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB13	2/23/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB13	2/23/1999	Aldrin	0.5	µg/L	U	T
CH2-SB13	2/23/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB13	2/23/1999	Atrazine	1.5	µg/L	U	T
CH2-SB13	2/23/1999	Benzene	1	µg/L	U	T
CH2-SB13	2/23/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB13	2/23/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB13	2/23/1999	Bromobenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB13	2/23/1999	Bromoform	1	µg/L	U	T
CH2-SB13	2/23/1999	Bromomethane	1	µg/L	U	T
CH2-SB13	2/23/1999	Butachlor	0.5	µg/L	U	T
CH2-SB13	2/23/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB13	2/23/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB13	2/23/1999	Chloroethane	1	µg/L	U	T
CH2-SB13	2/23/1999	Chloroform	1	µg/L	U	T
CH2-SB13	2/23/1999	Chloromethane	1	µg/L	U	T
CH2-SB13	2/23/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB13	2/23/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB13	2/23/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB13	2/23/1999	Dibromomethane	1	µg/L	U	T
CH2-SB13	2/23/1999	Dichlorodifluoromethane	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB13	2/23/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB13	2/23/1999	Endrin	1	µg/L	U	T
CH2-SB13	2/23/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB13	2/23/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB13	2/23/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB13	2/23/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB13	2/23/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB13	2/23/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB13	2/23/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	Metachlor	1	µg/L	U	T
CH2-SB13	2/23/1999	Methoxychlor	20	µg/L	U	T
CH2-SB13	2/23/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB13	2/23/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB13	2/23/1999	Naphthalene	1	µg/L	U	T
CH2-SB13	2/23/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB13	2/23/1999	Propachlor	0.5	µg/L	U	T
CH2-SB13	2/23/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	Simazine	2	µg/L	U	T
CH2-SB13	2/23/1999	Styrene	1	µg/L	U	T
CH2-SB13	2/23/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB13	2/23/1999	Tetrachloroethene	21.7	µg/L		T
CH2-SB13	2/23/1999	Toluene	1	µg/L	U	T
CH2-SB13	2/23/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB13	2/23/1999	Trichloroethene	1	µg/L	U	T
CH2-SB13	2/23/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB13	2/23/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB13	2/23/1999	Xylene Total	1	µg/L	U	T
CH2-SB14	2/24/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB14	2/24/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB14	2/24/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	1,2,4-Trimethylbenzene (2 isomers)	7.35	µg/L		T
CH2-SB14	2/24/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB14	2/24/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,3,5-Trimethylbenzene	2.98	µg/L		T
CH2-SB14	2/24/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB14	2/24/1999	1,4-Dichlorobenzene	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB14	2/24/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB14	2/24/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB14	2/24/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB14	2/24/1999	Aldrin	0.5	µg/L	U	T
CH2-SB14	2/24/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB14	2/24/1999	Atrazine	1.5	µg/L	U	T
CH2-SB14	2/24/1999	Benzene	3.67	µg/L		T
CH2-SB14	2/24/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB14	2/24/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB14	2/24/1999	Bromobenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB14	2/24/1999	Bromoform	1	µg/L	U	T
CH2-SB14	2/24/1999	Bromomethane	1	µg/L	U	T
CH2-SB14	2/24/1999	Butachlor	0.5	µg/L	U	T
CH2-SB14	2/24/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB14	2/24/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB14	2/24/1999	Chloroethane	1	µg/L	U	T
CH2-SB14	2/24/1999	Chloroform	1	µg/L	U	T
CH2-SB14	2/24/1999	Chloromethane	1	µg/L	U	T
CH2-SB14	2/24/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB14	2/24/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB14	2/24/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB14	2/24/1999	Dibromomethane	1	µg/L	U	T
CH2-SB14	2/24/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB14	2/24/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB14	2/24/1999	Endrin	1	µg/L	U	T
CH2-SB14	2/24/1999	Ethylbenzene	6.87	µg/L		T
CH2-SB14	2/24/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB14	2/24/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB14	2/24/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB14	2/24/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB14	2/24/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB14	2/24/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB14	2/24/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	Metachlor	1	µg/L	U	T
CH2-SB14	2/24/1999	Methoxychlor	20	µg/L	U	T
CH2-SB14	2/24/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB14	2/24/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB14	2/24/1999	Naphthalene	5.58	µg/L		T
CH2-SB14	2/24/1999	n-Butylbenzene	1.01	µg/L		T
CH2-SB14	2/24/1999	n-Propylbenzene	1.18	µg/L		T
CH2-SB14	2/24/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB14	2/24/1999	Propachlor	0.5	µg/L	U	T
CH2-SB14	2/24/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	Simazine	2	µg/L	U	T
CH2-SB14	2/24/1999	Styrene	1	µg/L	U	T
CH2-SB14	2/24/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB14	2/24/1999	Tetrachloroethene	71.5	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB14	2/24/1999	Toluene	27.7	µg/L		T
CH2-SB14	2/24/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB14	2/24/1999	Trichloroethene	1	µg/L	U	T
CH2-SB14	2/24/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB14	2/24/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB14	2/24/1999	Xylene Total	35.1	µg/L		T
CH2-SB15	2/24/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB15	2/24/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB15	2/24/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB15	2/24/1999	1,1,2-Trichloroethane	1.64	µg/L		T
CH2-SB15	2/24/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB15	2/24/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB15	2/24/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB15	2/24/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB15	2/24/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB15	2/24/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB15	2/24/1999	1,2,4-Trimethylbenzene (2 isomers)	92.5	µg/L		T
CH2-SB15	2/24/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB15	2/24/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB15	2/24/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB15	2/24/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB15	2/24/1999	1,3,5-Trimethylbenzene	36.6	µg/L		T
CH2-SB15	2/24/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB15	2/24/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB15	2/24/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB15	2/24/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB15	2/24/1999	2-Chlorotoluene	5.55	µg/L		T
CH2-SB15	2/24/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB15	2/24/1999	Aldrin	0.5	µg/L	U	T
CH2-SB15	2/24/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB15	2/24/1999	Atrazine	1.5	µg/L	U	T
CH2-SB15	2/24/1999	Benzene	30.2	µg/L		T
CH2-SB15	2/24/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB15	2/24/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB15	2/24/1999	Bromobenzene	1.45	µg/L		T
CH2-SB15	2/24/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB15	2/24/1999	Bromoform	1	µg/L	U	T
CH2-SB15	2/24/1999	Bromomethane	1	µg/L	U	T
CH2-SB15	2/24/1999	Butachlor	0.5	µg/L	U	T
CH2-SB15	2/24/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB15	2/24/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB15	2/24/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB15	2/24/1999	Chloroethane	1	µg/L	U	T
CH2-SB15	2/24/1999	Chloroform	1.08	µg/L		T
CH2-SB15	2/24/1999	Chloromethane	1	µg/L	U	T
CH2-SB15	2/24/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB15	2/24/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB15	2/24/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB15	2/24/1999	Dibromomethane	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB15	2/24/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB15	2/24/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB15	2/24/1999	Endrin	1	µg/L	U	T
CH2-SB15	2/24/1999	Ethylbenzene	56.5	µg/L		T
CH2-SB15	2/24/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB15	2/24/1999	Heptachlor	2.32	µg/L		T
CH2-SB15	2/24/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB15	2/24/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB15	2/24/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB15	2/24/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB15	2/24/1999	Isopropylbenzene	10.4	µg/L		T
CH2-SB15	2/24/1999	Metachlor	1	µg/L	U	T
CH2-SB15	2/24/1999	Methoxychlor	20	µg/L	U	T
CH2-SB15	2/24/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB15	2/24/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB15	2/24/1999	Naphthalene	74.1	µg/L		T
CH2-SB15	2/24/1999	n-Butylbenzene	12.7	µg/L		T
CH2-SB15	2/24/1999	n-Propylbenzene	15.1	µg/L		T
CH2-SB15	2/24/1999	p-Isopropyltoluene	9.38	µg/L		T
CH2-SB15	2/24/1999	Propachlor	0.5	µg/L	U	T
CH2-SB15	2/24/1999	sec-Butylbenzene	2.94	µg/L		T
CH2-SB15	2/24/1999	Simazine	2	µg/L	U	T
CH2-SB15	2/24/1999	Styrene	1	µg/L	U	T
CH2-SB15	2/24/1999	tert-Butylbenzene	11.3	µg/L		T
CH2-SB15	2/24/1999	Tetrachloroethene	21.7	µg/L		T
CH2-SB15	2/24/1999	Toluene	167	µg/L		T
CH2-SB15	2/24/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB15	2/24/1999	Trichloroethene	1	µg/L	U	T
CH2-SB15	2/24/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB15	2/24/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB15	2/24/1999	Xylene Total	313	µg/L		T
CH2-SB16	2/26/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB16	2/26/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB16	2/26/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB16	2/26/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB16	2/26/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB16	2/26/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB16	2/26/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB16	2/26/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB16	2/26/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB16	2/26/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB16	2/26/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB16	2/26/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB16	2/26/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	1,3-Dichloropropane	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB16	2/26/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB16	2/26/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB16	2/26/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB16	2/26/1999	Aldrin	0.5	µg/L	U	T
CH2-SB16	2/26/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB16	2/26/1999	Atrazine	1.5	µg/L	U	T
CH2-SB16	2/26/1999	Benzene	1	µg/L	U	T
CH2-SB16	2/26/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB16	2/26/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB16	2/26/1999	Bromobenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB16	2/26/1999	Bromoform	1	µg/L	U	T
CH2-SB16	2/26/1999	Bromomethane	1	µg/L	U	T
CH2-SB16	2/26/1999	Butachlor	0.5	µg/L	U	T
CH2-SB16	2/26/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB16	2/26/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB16	2/26/1999	Chloroethane	1	µg/L	U	T
CH2-SB16	2/26/1999	Chloroform	1.25	µg/L		T
CH2-SB16	2/26/1999	Chloromethane	1	µg/L	U	T
CH2-SB16	2/26/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB16	2/26/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB16	2/26/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB16	2/26/1999	Dibromomethane	1	µg/L	U	T
CH2-SB16	2/26/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB16	2/26/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB16	2/26/1999	Endrin	1	µg/L	U	T
CH2-SB16	2/26/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB16	2/26/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB16	2/26/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB16	2/26/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB16	2/26/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB16	2/26/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB16	2/26/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	Metachlor	1	µg/L	U	T
CH2-SB16	2/26/1999	Methoxychlor	20	µg/L	U	T
CH2-SB16	2/26/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB16	2/26/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB16	2/26/1999	Naphthalene	1	µg/L	U	T
CH2-SB16	2/26/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	Propachlor	0.5	µg/L	U	T
CH2-SB16	2/26/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	Simazine	2	µg/L	U	T
CH2-SB16	2/26/1999	Styrene	1	µg/L	U	T
CH2-SB16	2/26/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB16	2/26/1999	Tetrachloroethene	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB16	2/26/1999	Toluene	1	µg/L	U	T
CH2-SB16	2/26/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB16	2/26/1999	Trichloroethene	3.16	µg/L		T
CH2-SB16	2/26/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB16	2/26/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB16	2/26/1999	Xylene Total	1.27	µg/L		T
CH2-SB17	2/17/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB17	2/17/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB17	2/17/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB17	2/17/1999	1,1,2-Trichloroethane	1.56	µg/L		T
CH2-SB17	2/17/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB17	2/17/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB17	2/17/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB17	2/17/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB17	2/17/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	1,2,4-Trimethylbenzene (2 isomers)	1.24	µg/L		T
CH2-SB17	2/17/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB17	2/17/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB17	2/17/1999	1,2-Dichloropropane	1	µg/L	U	T
CH2-SB17	2/17/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	1,3-Dichloropropane	1	µg/L	U	T
CH2-SB17	2/17/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB17	2/17/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB17	2/17/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB17	2/17/1999	Aldrin	0.5	µg/L	U	T
CH2-SB17	2/17/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB17	2/17/1999	Atrazine	1.5	µg/L	U	T
CH2-SB17	2/17/1999	Benzene	1	µg/L	U	T
CH2-SB17	2/17/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB17	2/17/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB17	2/17/1999	Bromobenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB17	2/17/1999	Bromoform	1	µg/L	U	T
CH2-SB17	2/17/1999	Bromomethane	1	µg/L	U	T
CH2-SB17	2/17/1999	Butachlor	0.5	µg/L	U	T
CH2-SB17	2/17/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB17	2/17/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB17	2/17/1999	Chloroethane	1	µg/L	U	T
CH2-SB17	2/17/1999	Chloroform	1.71	µg/L		T
CH2-SB17	2/17/1999	Chloromethane	1	µg/L	U	T
CH2-SB17	2/17/1999	cis-1,2-Dichloroethene	17.4	µg/L		T
CH2-SB17	2/17/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB17	2/17/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB17	2/17/1999	Dibromomethane	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB17	2/17/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB17	2/17/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB17	2/17/1999	Endrin	1	µg/L	U	T
CH2-SB17	2/17/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB17	2/17/1999	Heptachlor	3.5	µg/L		T
CH2-SB17	2/17/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB17	2/17/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB17	2/17/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB17	2/17/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB17	2/17/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	Metachlor	1	µg/L	U	T
CH2-SB17	2/17/1999	Methoxychlor	20	µg/L	U	T
CH2-SB17	2/17/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB17	2/17/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB17	2/17/1999	Naphthalene	1	µg/L	U	T
CH2-SB17	2/17/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB17	2/17/1999	Propachlor	0.5	µg/L	U	T
CH2-SB17	2/17/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	Simazine	2	µg/L	U	T
CH2-SB17	2/17/1999	Styrene	1	µg/L	U	T
CH2-SB17	2/17/1999	tert-Butylbenzene	1	µg/L	U	T
CH2-SB17	2/17/1999	Tetrachloroethene	1	µg/L	U	T
CH2-SB17	2/17/1999	Toluene	1	µg/L	U	T
CH2-SB17	2/17/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB17	2/17/1999	Trichloroethene	1	µg/L	U	T
CH2-SB17	2/17/1999	Trichlorofluoromethane	4.99	µg/L		T
CH2-SB17	2/17/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB17	2/17/1999	Xylene Total	2.6	µg/L		T
CH2-SB18	2/18/1999	1,1,1,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB18	2/18/1999	1,1,1-Trichloroethane	1	µg/L	U	T
CH2-SB18	2/18/1999	1,1,2,2-Tetrachloroethane	1	µg/L	U	T
CH2-SB18	2/18/1999	1,1,2-Trichloroethane	1	µg/L	U	T
CH2-SB18	2/18/1999	1,1-Dichloroethane	1	µg/L	U	T
CH2-SB18	2/18/1999	1,1-Dichloroethene	1	µg/L	U	T
CH2-SB18	2/18/1999	1,1-Dichloropropene	1	µg/L	U	T
CH2-SB18	2/18/1999	1,2,3-Trichlorobenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	1,2,3-Trichloropropane	1	µg/L	U	T
CH2-SB18	2/18/1999	1,2,4-Trichlorobenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	1,2,4-Trimethylbenzene (2 isomers)	1	µg/L	U	T
CH2-SB18	2/18/1999	1,2-Dibromoethane	1	µg/L	U	T
CH2-SB18	2/18/1999	1,2-Dichlorobenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	1,2-Dichloroethene	1	µg/L	U	T
CH2-SB18	2/18/1999	1,2-dichloropropane	1	µg/L	U	T
CH2-SB18	2/18/1999	1,3,5-Trimethylbenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	1,3-Dichlorobenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	1,3-Dichloropropane	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB18	2/18/1999	1,4-Dichlorobenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	2,2-Dichloropropane	1	µg/L	U	T
CH2-SB18	2/18/1999	2-Chlorotoluene	1	µg/L	U	T
CH2-SB18	2/18/1999	4-Chlorotoluene	1	µg/L	U	T
CH2-SB18	2/18/1999	Aldrin	0.5	µg/L	U	T
CH2-SB18	2/18/1999	Aldrin + Dieldrin	1	µg/L	U	T
CH2-SB18	2/18/1999	Atrazine	1.5	µg/L	U	T
CH2-SB18	2/18/1999	Benzene	1	µg/L	U	T
CH2-SB18	2/18/1999	Benzo(a) pyrene	0.1	µg/L	U	T
CH2-SB18	2/18/1999	Bis(2-ethylhexyl) phthalate	2	µg/L	U	T
CH2-SB18	2/18/1999	Bromobenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	Bromochloromethane	1	µg/L	U	T
CH2-SB18	2/18/1999	Bromoform	1	µg/L	U	T
CH2-SB18	2/18/1999	Bromomethane	1	µg/L	U	T
CH2-SB18	2/18/1999	Butachlor	0.5	µg/L	U	T
CH2-SB18	2/18/1999	Carbon tetrachloride	1	µg/L	U	T
CH2-SB18	2/18/1999	Chlorobenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	Chlorodibromomethane	1	µg/L	U	T
CH2-SB18	2/18/1999	Chloroethane	1	µg/L	U	T
CH2-SB18	2/18/1999	Chloroform	1.22	µg/L		T
CH2-SB18	2/18/1999	Chloromethane	1	µg/L	U	T
CH2-SB18	2/18/1999	cis-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB18	2/18/1999	cis-1,3-Dichloropropene	1	µg/L	U	T
CH2-SB18	2/18/1999	Di(2-ethylhexyl)adipate	200	µg/L	U	T
CH2-SB18	2/18/1999	Dibromomethane	1	µg/L	U	T
CH2-SB18	2/18/1999	Dichlorodifluoromethane	1	µg/L	U	T
CH2-SB18	2/18/1999	Dieldrin	0.5	µg/L	U	T
CH2-SB18	2/18/1999	Endrin	1	µg/L	U	T
CH2-SB18	2/18/1999	Ethylbenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	g-BHC (Lindane)	0.1	µg/L	U	T
CH2-SB18	2/18/1999	Heptachlor	0.2	µg/L	U	T
CH2-SB18	2/18/1999	Heptachlor epoxide	0.1	µg/L	U	T
CH2-SB18	2/18/1999	Hexachlorobenzene	0.5	µg/L	U	T
CH2-SB18	2/18/1999	Hexachlorobutadiene	1	µg/L	U	T
CH2-SB18	2/18/1999	Hexachlorocyclopentadiene	25	µg/L	U	T
CH2-SB18	2/18/1999	Isopropylbenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	Metachlor	1	µg/L	U	T
CH2-SB18	2/18/1999	Methoxychlor	20	µg/L	U	T
CH2-SB18	2/18/1999	Metolachlor	0.5	µg/L	U	T
CH2-SB18	2/18/1999	Metribuzin	0.5	µg/L	U	T
CH2-SB18	2/18/1999	Naphthalene	1	µg/L	U	T
CH2-SB18	2/18/1999	n-Butylbenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	n-Propylbenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	p-Isopropyltoluene	1	µg/L	U	T
CH2-SB18	2/18/1999	Propachlor	0.5	µg/L	U	T
CH2-SB18	2/18/1999	sec-Butylbenzene	1	µg/L	U	T
CH2-SB18	2/18/1999	Simazine	2	µg/L	U	T
CH2-SB18	2/18/1999	Styrene	1	µg/L	U	T
CH2-SB18	2/18/1999	tert-Butylbenzene	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CH2-SB18	2/18/1999	Tetrachloroethene	1	µg/L	U	T
CH2-SB18	2/18/1999	Toluene	1	µg/L	U	T
CH2-SB18	2/18/1999	trans-1,2-Dichloroethene	1	µg/L	U	T
CH2-SB18	2/18/1999	Trichloroethene	8.7	µg/L		T
CH2-SB18	2/18/1999	Trichlorofluoromethane	1	µg/L	U	T
CH2-SB18	2/18/1999	Vinyl chloride	1	µg/L	U	T
CH2-SB18	2/18/1999	Xylene Total	2.02	µg/L		T
CSX-MW-2	9/1/2006	Dissolved Oxygen	0.1	mg/l		T
CSX-MW-2	9/1/2006	pH	4.8	pH Units		T
CSX-MW-2	9/1/2006	Specific Conductance	0.284	mS/cm		T
CSX-MW-2	9/1/2006	Temp	21.5	deg C		T
CSX-MW-2	9/1/2006	Turbidity	69	NTU		T
CSX-MW-2	9/10/2006	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,1,1-Trichloroethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,1,2-Trichloroethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,1-Dichloroethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,1-Dichloroethene	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,1-Dichloropropene	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2,3-Trichlorobenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2,3-Trichloropropane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2,4-Trichlorobenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2-Dibromo-3-chloropropane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2-Dibromoethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2-Dichlorobenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,2-Dichloropropane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,3-Dichlorobenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,3-Dichloropropane	5	µg/L	U	T
CSX-MW-2	9/10/2006	1,4-Dichlorobenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	2,2-Dichloropropane	5	µg/L	U	T
CSX-MW-2	9/10/2006	2-Chlorotoluene	5	µg/L	U	T
CSX-MW-2	9/10/2006	2-hexanone (MBK)	10	µg/L	U	T
CSX-MW-2	9/10/2006	4-Chlorotoluene	5	µg/L	U	T
CSX-MW-2	9/10/2006	4-Methyl-2-pentanone	10	µg/L	U	T
CSX-MW-2	9/10/2006	Acetone	25	µg/L	U	T
CSX-MW-2	9/10/2006	Benzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Bromobenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Bromochloromethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	Bromoform	5	µg/L	U	T
CSX-MW-2	9/10/2006	Bromomethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	Carbon tetrachloride	5	µg/L	U	T
CSX-MW-2	9/10/2006	Chlorobenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Chlorodibromomethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	Chloroethane	10	µg/L	U	T
CSX-MW-2	9/10/2006	Chloroform	5	µg/L	U	T
CSX-MW-2	9/10/2006	Chloromethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	cis-1,2-Dichloroethene	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-2	9/10/2006	cis-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Dibromomethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	Dichlorodifluoromethane	5	µg/L	U	T
CSX-MW-2	9/10/2006	Diisopropyl ether	5	µg/L	U	T
CSX-MW-2	9/10/2006	Ethylbenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Hethyl-tert-butyl ether	5	µg/L	U	T
CSX-MW-2	9/10/2006	Hexachlorobutadiene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Hexane	10	µg/L	U	T
CSX-MW-2	9/10/2006	Isopropylbenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	m&p-Xylene	10	µg/L	U	T
CSX-MW-2	9/10/2006	Methyl Ethyl Ketone	10	µg/L	U	T
CSX-MW-2	9/10/2006	Methylene chloride	5	µg/L	U	T
CSX-MW-2	9/10/2006	Naphthalene	5	µg/L	U	T
CSX-MW-2	9/10/2006	n-Butylbenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	n-Propylbenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	p-Isopropyltoluene	5	µg/L	U	T
CSX-MW-2	9/10/2006	sec-Butylbenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Styrene	5	µg/L	U	T
CSX-MW-2	9/10/2006	tert-Butylbenzene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Tetrachloroethene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Toluene	5	µg/L	U	T
CSX-MW-2	9/10/2006	trans-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-2	9/10/2006	trans-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Trichloroethene	5	µg/L	U	T
CSX-MW-2	9/10/2006	Trichlorofluoromethane	10	µg/L	U	T
CSX-MW-2	9/10/2006	Vinyl chloride	5	µg/L	U	T
CSX-MW-2	9/10/2006	Xylene (o)	5	µg/L	U	T
CSX-MW-2	9/10/2006	Xylene Total	5	µg/L	U	T
CSX-MW-2	9/10/2006	Xylene Total	5	µg/L	U	T
CSX-MW-3	9/1/2006	Dissolved Oxygen	2.9	mg/l		T
CSX-MW-3	9/1/2006	pH	4.6	pH Units		T
CSX-MW-3	9/1/2006	Specific Conductance	0.101	mS/cm		T
CSX-MW-3	9/1/2006	Temp	23	deg C		T
CSX-MW-3	9/1/2006	Turbidity	75	NTU		T
CSX-MW-3	9/10/2006	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,1,1-Trichloroethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,1,2-Trichloroethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,1-Dichloroethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,1-Dichloroethene	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,1-Dichloropropene	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,2,3-Trichlorobenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,2,3-Trichloropropane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,2,4-Trichlorobenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,2-Dibromo-3-chloropropane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,2-Dibromoethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,2-Dichlorobenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,2-Dichloroethene	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-3	9/10/2006	1,2-Dichloropropane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,3-Dichlorobenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,3-Dichloropropane	5	µg/L	U	T
CSX-MW-3	9/10/2006	1,4-Dichlorobenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	2,2-Dichloropropane	5	µg/L	U	T
CSX-MW-3	9/10/2006	2-Chlorotoluene	5	µg/L	U	T
CSX-MW-3	9/10/2006	2-hexanone (MBK)	10	µg/L	U	T
CSX-MW-3	9/10/2006	4-Chlorotoluene	5	µg/L	U	T
CSX-MW-3	9/10/2006	4-Methyl-2-pentanone	10	µg/L	U	T
CSX-MW-3	9/10/2006	Acetone	25	µg/L	U	T
CSX-MW-3	9/10/2006	Benzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Bromobenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Bromochloromethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	Bromoform	5	µg/L	U	T
CSX-MW-3	9/10/2006	Bromomethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	Carbon tetrachloride	5	µg/L	U	T
CSX-MW-3	9/10/2006	Chlorobenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Chlorodibromomethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	Chloroethane	10	µg/L	U	T
CSX-MW-3	9/10/2006	Chloroform	5	µg/L	U	T
CSX-MW-3	9/10/2006	Chloromethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	cis-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-3	9/10/2006	cis-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Dibromomethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	Dichlorodifluoromethane	5	µg/L	U	T
CSX-MW-3	9/10/2006	Diisopropyl ether	5	µg/L	U	T
CSX-MW-3	9/10/2006	Ethylbenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Hethyl-tert-butyl ether	5	µg/L	U	T
CSX-MW-3	9/10/2006	Hexachlorobutadiene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Hexane	10	µg/L	U	T
CSX-MW-3	9/10/2006	Isopropylbenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	m&p-Xylene	10	µg/L	U	T
CSX-MW-3	9/10/2006	Methyl Ethyl Ketone	10	µg/L	U	T
CSX-MW-3	9/10/2006	Methylene chloride	5	µg/L	U	T
CSX-MW-3	9/10/2006	Naphthalene	5	µg/L	U	T
CSX-MW-3	9/10/2006	n-Butylbenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	n-Propylbenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	p-Isopropyltoluene	5	µg/L	U	T
CSX-MW-3	9/10/2006	sec-Butylbenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Styrene	5	µg/L	U	T
CSX-MW-3	9/10/2006	tert-Butylbenzene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Tetrachloroethene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Toluene	5	µg/L	U	T
CSX-MW-3	9/10/2006	trans-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-3	9/10/2006	trans-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Trichloroethene	5	µg/L	U	T
CSX-MW-3	9/10/2006	Trichlorofluoromethane	10	µg/L	U	T
CSX-MW-3	9/10/2006	Vinyl chloride	5	µg/L	U	T
CSX-MW-3	9/10/2006	Xylene (o)	5	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-3	9/10/2006	Xylene Total	5	µg/L	U	T
CSX-MW-3	9/10/2006	Xylene Total	5	µg/L	U	T
CSX-MW-4	9/1/2006	Dissolved Oxygen	2.4	mg/l		T
CSX-MW-4	9/1/2006	pH	5	pH Units		T
CSX-MW-4	9/1/2006	Specific Conductance	0.196	mS/cm		T
CSX-MW-4	9/1/2006	Temp	23.3	deg C		T
CSX-MW-4	9/1/2006	Turbidity	54	NTU		T
CSX-MW-4	9/10/2006	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,1,1-Trichloroethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,1,2-Trichloroethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,1-Dichloroethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,1-Dichloroethene	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,1-Dichloropropene	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2,3-Trichlorobenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2,3-Trichloropropane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2,4-Trichlorobenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2-Dibromo-3-chloropropane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2-Dibromoethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2-Dichlorobenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,2-dichloropropane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,3-Dichlorobenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,3-Dichloropropane	5	µg/L	U	T
CSX-MW-4	9/10/2006	1,4-Dichlorobenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	2,2-Dichloropropane	5	µg/L	U	T
CSX-MW-4	9/10/2006	2-Chlorotoluene	5	µg/L	U	T
CSX-MW-4	9/10/2006	2-hexanone (MBK)	10	µg/L	U	T
CSX-MW-4	9/10/2006	4-Chlorotoluene	5	µg/L	U	T
CSX-MW-4	9/10/2006	4-Methyl-2-pentanone	10	µg/L	U	T
CSX-MW-4	9/10/2006	Acetone	25	µg/L	U	T
CSX-MW-4	9/10/2006	Benzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Bromobenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Bromochloromethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	Bromoform	5	µg/L	U	T
CSX-MW-4	9/10/2006	Bromomethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	Carbon tetrachloride	5	µg/L	U	T
CSX-MW-4	9/10/2006	Chlorobenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Chlorodibromomethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	Chloroethane	10	µg/L	U	T
CSX-MW-4	9/10/2006	Chloroform	5	µg/L	U	T
CSX-MW-4	9/10/2006	Chloromethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	cis-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-4	9/10/2006	cis-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Dibromomethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	Dichlorodifluoromethane	5	µg/L	U	T
CSX-MW-4	9/10/2006	Diisopropyl ether	5	µg/L	U	T
CSX-MW-4	9/10/2006	Ethylbenzene	5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-4	9/10/2006	Hethyl-tert-butyl ether	5	µg/L	U	T
CSX-MW-4	9/10/2006	Hexachlorobutadiene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Hexane	10	µg/L	U	T
CSX-MW-4	9/10/2006	Isopropylbenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	m&p-Xylene	10	µg/L	U	T
CSX-MW-4	9/10/2006	Methyl Ethyl Ketone	10	µg/L	U	T
CSX-MW-4	9/10/2006	Methylene chloride	5	µg/L	U	T
CSX-MW-4	9/10/2006	Naphthalene	5	µg/L	U	T
CSX-MW-4	9/10/2006	n-Butylbenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	n-Propylbenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	p-Isopropyltoluene	5	µg/L	U	T
CSX-MW-4	9/10/2006	sec-Butylbenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Styrene	5	µg/L	U	T
CSX-MW-4	9/10/2006	tert-Butylbenzene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Tetrachloroethene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Toluene	5	µg/L	U	T
CSX-MW-4	9/10/2006	trans-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-4	9/10/2006	trans-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Trichloroethene	5	µg/L	U	T
CSX-MW-4	9/10/2006	Trichlorofluoromethane	10	µg/L	U	T
CSX-MW-4	9/10/2006	Vinyl chloride	5	µg/L	U	T
CSX-MW-4	9/10/2006	Xylene (o)	5	µg/L	U	T
CSX-MW-4	9/10/2006	Xylene Total	5	µg/L	U	T
CSX-MW-4	9/10/2006	Xylene Total	5	µg/L	U	T
CSX-MW-5	9/1/2006	Dissolved Oxygen	2.4	mg/l		T
CSX-MW-5	9/1/2006	pH	4.8	pH Units		T
CSX-MW-5	9/1/2006	Specific Conductance	0.117	mS/cm		T
CSX-MW-5	9/1/2006	Temp	22.3	deg C		T
CSX-MW-5	9/1/2006	Turbidity	26	NTU		T
CSX-MW-5	9/9/2006	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,1,1-Trichloroethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,1,2-Trichloroethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,1-Dichloroethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,1-Dichloroethene	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,1-Dichloropropene	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2,3-Trichlorobenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2,3-Trichloropropane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2,4-Trichlorobenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2-Dibromo-3-chloropropane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2-Dibromoethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2-Dichlorobenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,2-dichloropropane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,3-Dichlorobenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,3-Dichloropropane	5	µg/L	U	T
CSX-MW-5	9/9/2006	1,4-Dichlorobenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	2,2-Dichloropropane	5	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-5	9/9/2006	2-Chlorotoluene	5	µg/L	U	T
CSX-MW-5	9/9/2006	2-hexanone (MBK)	10	µg/L	U	T
CSX-MW-5	9/9/2006	4-Chlorotoluene	5	µg/L	U	T
CSX-MW-5	9/9/2006	4-Methyl-2-pentanone	10	µg/L	U	T
CSX-MW-5	9/9/2006	Acetone	25	µg/L	U	T
CSX-MW-5	9/9/2006	Benzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Bromobenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Bromochloromethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	Bromoform	5	µg/L	U	T
CSX-MW-5	9/9/2006	Bromomethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	Carbon tetrachloride	5	µg/L	U	T
CSX-MW-5	9/9/2006	Chlorobenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Chlorodibromomethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	Chloroethane	10	µg/L	U	T
CSX-MW-5	9/9/2006	Chloroform	5	µg/L	U	T
CSX-MW-5	9/9/2006	Chloromethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	cis-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-5	9/9/2006	cis-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Dibromomethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	Dichlorodifluoromethane	5	µg/L	U	T
CSX-MW-5	9/9/2006	Diisopropyl ether	5	µg/L	U	T
CSX-MW-5	9/9/2006	Ethylbenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Hethyl-tert-butyl ether	5	µg/L	U	T
CSX-MW-5	9/9/2006	Hexachlorobutadiene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Hexane	10	µg/L	U	T
CSX-MW-5	9/9/2006	Isopropylbenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	m&p-Xylene	10	µg/L	U	T
CSX-MW-5	9/9/2006	Methyl Ethyl Ketone	10	µg/L	U	T
CSX-MW-5	9/9/2006	Methylene chloride	5	µg/L	U	T
CSX-MW-5	9/9/2006	Naphthalene	5	µg/L	U	T
CSX-MW-5	9/9/2006	n-Butylbenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	n-Propylbenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	p-Isopropyltoluene	5	µg/L	U	T
CSX-MW-5	9/9/2006	sec-Butylbenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Styrene	5	µg/L	U	T
CSX-MW-5	9/9/2006	tert-Butylbenzene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Tetrachloroethene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Toluene	5	µg/L	U	T
CSX-MW-5	9/9/2006	trans-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-5	9/9/2006	trans-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Trichloroethene	5	µg/L	U	T
CSX-MW-5	9/9/2006	Trichlorofluoromethane	10	µg/L	U	T
CSX-MW-5	9/9/2006	Vinyl chloride	5	µg/L	U	T
CSX-MW-5	9/9/2006	Xylene (o)	5	µg/L	U	T
CSX-MW-5	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-5	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-6	9/1/2006	Dissolved Oxygen	0.8	mg/l		T
CSX-MW-6	9/1/2006	pH	4.7	pH Units		T
CSX-MW-6	9/1/2006	Specific Conductance	0.106	mS/cm		T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-6	9/1/2006	Temp	22.8	deg C		T
CSX-MW-6	9/1/2006	Turbidity	35	NTU		T
CSX-MW-6	9/9/2006	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,1,1-Trichloroethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,1,2-Trichloroethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,1-Dichloroethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,1-Dichloroethene	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,1-Dichloropropene	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2,3-Trichlorobenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2,3-Trichloropropane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2,4-Trichlorobenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2-Dibromo-3-chloropropane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2-Dibromoethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2-Dichlorobenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,2-Dichloropropane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,3-Dichlorobenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,3-Dichloropropane	5	µg/L	U	T
CSX-MW-6	9/9/2006	1,4-Dichlorobenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	2,2-Dichloropropane	5	µg/L	U	T
CSX-MW-6	9/9/2006	2-Chlorotoluene	5	µg/L	U	T
CSX-MW-6	9/9/2006	2-hexanone (MBK)	10	µg/L	U	T
CSX-MW-6	9/9/2006	4-Chlorotoluene	5	µg/L	U	T
CSX-MW-6	9/9/2006	4-Methyl-2-pentanone	10	µg/L	U	T
CSX-MW-6	9/9/2006	Acetone	25	µg/L	U	T
CSX-MW-6	9/9/2006	Benzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Bromobenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Bromochloromethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	Bromoform	5	µg/L	U	T
CSX-MW-6	9/9/2006	Bromomethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	Carbon tetrachloride	5	µg/L	U	T
CSX-MW-6	9/9/2006	Chlorobenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Chlorodibromomethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	Chloroethane	10	µg/L	U	T
CSX-MW-6	9/9/2006	Chloroform	5	µg/L	U	T
CSX-MW-6	9/9/2006	Chloromethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	cis-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-6	9/9/2006	cis-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Dibromomethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	Dichlorodifluoromethane	5	µg/L	U	T
CSX-MW-6	9/9/2006	Diisopropyl ether	5	µg/L	U	T
CSX-MW-6	9/9/2006	Ethylbenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Hethyl-tert-butyl ether	5	µg/L	U	T
CSX-MW-6	9/9/2006	Hexachlorobutadiene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Hexane	10	µg/L	U	T
CSX-MW-6	9/9/2006	Isopropylbenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	m&p-Xylene	10	µg/L	U	T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-6	9/9/2006	Methyl Ethyl Ketone	10	µg/L	U	T
CSX-MW-6	9/9/2006	Methylene chloride	5	µg/L	U	T
CSX-MW-6	9/9/2006	Naphthalene	5	µg/L	U	T
CSX-MW-6	9/9/2006	n-Butylbenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	n-Propylbenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	p-Isopropyltoluene	5	µg/L	U	T
CSX-MW-6	9/9/2006	sec-Butylbenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Styrene	5	µg/L	U	T
CSX-MW-6	9/9/2006	tert-Butylbenzene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Tetrachloroethene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Toluene	5	µg/L	U	T
CSX-MW-6	9/9/2006	trans-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-6	9/9/2006	trans-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Trichloroethene	5	µg/L	U	T
CSX-MW-6	9/9/2006	Trichlorofluoromethane	10	µg/L	U	T
CSX-MW-6	9/9/2006	Vinyl chloride	5	µg/L	U	T
CSX-MW-6	9/9/2006	Xylene (o)	5	µg/L	U	T
CSX-MW-6	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-6	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-7	9/1/2006	Dissolved Oxygen	3.1	mg/l		T
CSX-MW-7	9/1/2006	pH	5.3	pH Units		T
CSX-MW-7	9/1/2006	Specific Conductance	0.1	mS/cm		T
CSX-MW-7	9/1/2006	Temp	21.7	deg C		T
CSX-MW-7	9/1/2006	Turbidity	290	NTU		T
CSX-MW-7	9/9/2006	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,1,1-Trichloroethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,1,2-Trichloroethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,1-Dichloroethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,1-Dichloroethene	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,1-Dichloropropene	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2,3-Trichlorobenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2,3-Trichloropropane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2,4-Trichlorobenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2-Dibromo-3-chloropropane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2-Dibromoethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2-Dichlorobenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,2-dichloropropane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,3-Dichlorobenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,3-Dichloropropane	5	µg/L	U	T
CSX-MW-7	9/9/2006	1,4-Dichlorobenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	2,2-Dichloropropane	5	µg/L	U	T
CSX-MW-7	9/9/2006	2-Chlorotoluene	5	µg/L	U	T
CSX-MW-7	9/9/2006	2-hexanone (MBK)	10	µg/L	U	T
CSX-MW-7	9/9/2006	4-Chlorotoluene	5	µg/L	U	T
CSX-MW-7	9/9/2006	4-Methyl-2-pentanone	10	µg/L	U	T
CSX-MW-7	9/9/2006	Acetone	25	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-7	9/9/2006	Benzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Bromobenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Bromochloromethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	Bromoform	5	µg/L	U	T
CSX-MW-7	9/9/2006	Bromomethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	Carbon tetrachloride	5	µg/L	U	T
CSX-MW-7	9/9/2006	Chlorobenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Chlorodibromomethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	Chloroethane	10	µg/L	U	T
CSX-MW-7	9/9/2006	Chloroform	5	µg/L	U	T
CSX-MW-7	9/9/2006	Chloromethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	cis-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-7	9/9/2006	cis-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Dibromomethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	Dichlorodifluoromethane	5	µg/L	U	T
CSX-MW-7	9/9/2006	Diisopropyl ether	5	µg/L	U	T
CSX-MW-7	9/9/2006	Ethylbenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Hethyl-tert-butyl ether	5	µg/L	U	T
CSX-MW-7	9/9/2006	Hexachlorobutadiene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Hexane	10	µg/L	U	T
CSX-MW-7	9/9/2006	Isopropylbenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	m&p-Xylene	10	µg/L	U	T
CSX-MW-7	9/9/2006	Methyl Ethyl Ketone	10	µg/L	U	T
CSX-MW-7	9/9/2006	Methylene chloride	5	µg/L	U	T
CSX-MW-7	9/9/2006	Naphthalene	5	µg/L	U	T
CSX-MW-7	9/9/2006	n-Butylbenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	n-Propylbenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	p-Isopropyltoluene	5	µg/L	U	T
CSX-MW-7	9/9/2006	sec-Butylbenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Styrene	5	µg/L	U	T
CSX-MW-7	9/9/2006	tert-Butylbenzene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Tetrachloroethene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Toluene	5	µg/L	U	T
CSX-MW-7	9/9/2006	trans-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-7	9/9/2006	trans-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Trichloroethene	5	µg/L	U	T
CSX-MW-7	9/9/2006	Trichlorofluoromethane	10	µg/L	U	T
CSX-MW-7	9/9/2006	Vinyl chloride	5	µg/L	U	T
CSX-MW-7	9/9/2006	Xylene (o)	5	µg/L	U	T
CSX-MW-7	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-7	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-8	9/1/2006	Dissolved Oxygen	5.4	mg/l		T
CSX-MW-8	9/1/2006	pH	4.5	pH Units		T
CSX-MW-8	9/1/2006	Specific Conductance	0.109	mS/cm		T
CSX-MW-8	9/1/2006	Temp	21.5	deg C		T
CSX-MW-8	9/1/2006	Turbidity	33	NTU		T
CSX-MW-8	9/9/2006	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,1,1-Trichloroethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,1,2,2-Tetrachloroethane	5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-8	9/9/2006	1,1,2-Trichloroethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,1-Dichloroethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,1-Dichloroethene	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,1-Dichloropropene	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2,3-Trichlorobenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2,3-Trichloropropane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2,4-Trichlorobenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2-Dibromo-3-chloropropane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2-Dibromoethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2-Dichlorobenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,2-Dichloropropane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,3-Dichlorobenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,3-Dichloropropane	5	µg/L	U	T
CSX-MW-8	9/9/2006	1,4-Dichlorobenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	2,2-Dichloropropane	5	µg/L	U	T
CSX-MW-8	9/9/2006	2-Chlorotoluene	5	µg/L	U	T
CSX-MW-8	9/9/2006	2-hexanone (MBK)	10	µg/L	U	T
CSX-MW-8	9/9/2006	4-Chlorotoluene	5	µg/L	U	T
CSX-MW-8	9/9/2006	4-Methyl-2-pentanone	10	µg/L	U	T
CSX-MW-8	9/9/2006	Acetone	25	µg/L	U	T
CSX-MW-8	9/9/2006	Benzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Bromobenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Bromochloromethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	Bromoform	5	µg/L	U	T
CSX-MW-8	9/9/2006	Bromomethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	Carbon tetrachloride	5	µg/L	U	T
CSX-MW-8	9/9/2006	Chlorobenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Chlorodibromomethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	Chloroethane	10	µg/L	U	T
CSX-MW-8	9/9/2006	Chloroform	5	µg/L	U	T
CSX-MW-8	9/9/2006	Chloromethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	cis-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-8	9/9/2006	cis-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Dibromomethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	Dichlorodifluoromethane	5	µg/L	U	T
CSX-MW-8	9/9/2006	Diisopropyl ether	5	µg/L	U	T
CSX-MW-8	9/9/2006	Ethylbenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Hethyl-tert-butyl ether	5	µg/L	U	T
CSX-MW-8	9/9/2006	Hexachlorobutadiene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Hexane	10	µg/L	U	T
CSX-MW-8	9/9/2006	Isopropylbenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	m&p-Xylene	10	µg/L	U	T
CSX-MW-8	9/9/2006	Methyl Ethyl Ketone	10	µg/L	U	T
CSX-MW-8	9/9/2006	Methylene chloride	5	µg/L	U	T
CSX-MW-8	9/9/2006	Naphthalene	5	µg/L	U	T
CSX-MW-8	9/9/2006	n-Butylbenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	n-Propylbenzene	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-8	9/9/2006	p-Isopropyltoluene	5	µg/L	U	T
CSX-MW-8	9/9/2006	sec-Butylbenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Styrene	5	µg/L	U	T
CSX-MW-8	9/9/2006	tert-Butylbenzene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Tetrachloroethene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Toluene	5	µg/L	U	T
CSX-MW-8	9/9/2006	trans-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-8	9/9/2006	trans-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Trichloroethene	5	µg/L	U	T
CSX-MW-8	9/9/2006	Trichlorofluoromethane	10	µg/L	U	T
CSX-MW-8	9/9/2006	Vinyl chloride	5	µg/L	U	T
CSX-MW-8	9/9/2006	Xylene (o)	5	µg/L	U	T
CSX-MW-8	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-8	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,1,1-Trichloroethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,1,2-Trichloroethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,1-Dichloroethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,1-Dichloroethene	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,1-Dichloropropene	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2,3-Trichlorobenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2,3-Trichloropropane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2,4-Trichlorobenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2-Dibromo-3-chloropropane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2-Dibromoethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2-Dichlorobenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,2-Dichloropropane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,3-Dichlorobenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,3-Dichloropropane	5	µg/L	U	T
CSX-MW-9	9/9/2006	1,4-Dichlorobenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	2,2-Dichloropropane	5	µg/L	U	T
CSX-MW-9	9/9/2006	2-Chlorotoluene	5	µg/L	U	T
CSX-MW-9	9/9/2006	2-hexanone (MBK)	10	µg/L	U	T
CSX-MW-9	9/9/2006	4-Chlorotoluene	5	µg/L	U	T
CSX-MW-9	9/9/2006	4-Methyl-2-pentanone	10	µg/L	U	T
CSX-MW-9	9/9/2006	Acetone	25	µg/L	U	T
CSX-MW-9	9/9/2006	Benzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Bromobenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Bromochloromethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	Bromoform	5	µg/L	U	T
CSX-MW-9	9/9/2006	Bromomethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	Carbon tetrachloride	5	µg/L	U	T
CSX-MW-9	9/9/2006	Chlorobenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Chlorodibromomethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	Chloroethane	10	µg/L	U	T
CSX-MW-9	9/9/2006	Chloroform	5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CSX-MW-9	9/9/2006	Chloromethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	cis-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-9	9/9/2006	cis-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Dibromomethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	Dichlorodifluoromethane	5	µg/L	U	T
CSX-MW-9	9/9/2006	Diisopropyl ether	5	µg/L	U	T
CSX-MW-9	9/9/2006	Ethylbenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Hethyl-tert-butyl ether	5	µg/L	U	T
CSX-MW-9	9/9/2006	Hexachlorobutadiene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Hexane	10	µg/L	U	T
CSX-MW-9	9/9/2006	Isopropylbenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	m&p-Xylene	10	µg/L	U	T
CSX-MW-9	9/9/2006	Methyl Ethyl Ketone	10	µg/L	U	T
CSX-MW-9	9/9/2006	Methylene chloride	5	µg/L	U	T
CSX-MW-9	9/9/2006	Naphthalene	5	µg/L	U	T
CSX-MW-9	9/9/2006	n-Butylbenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	n-Propylbenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	p-Isopropyltoluene	5	µg/L	U	T
CSX-MW-9	9/9/2006	sec-Butylbenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Styrene	5	µg/L	U	T
CSX-MW-9	9/9/2006	tert-Butylbenzene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Tetrachloroethene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Toluene	5	µg/L	U	T
CSX-MW-9	9/9/2006	trans-1,2-Dichloroethene	5	µg/L	U	T
CSX-MW-9	9/9/2006	trans-1,3-Dichloropropene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Trichloroethene	5	µg/L	U	T
CSX-MW-9	9/9/2006	Trichlorofluoromethane	10	µg/L	U	T
CSX-MW-9	9/9/2006	Vinyl chloride	5	µg/L	U	T
CSX-MW-9	9/9/2006	Xylene (o)	5	µg/L	U	T
CSX-MW-9	9/9/2006	Xylene Total	5	µg/L	U	T
CSX-MW-9	9/9/2006	Xylene Total	5	µg/L	U	T
CT-01-S	2/20/2017	cis-1,2-Dichloroethene	0.26	µg/L	U	
CT-01-S	2/20/2017	Tetrachloroethene	0.372	µg/L	U	
CT-01-S	2/20/2017	trans-1,2-Dichloroethene	0.396	µg/L	U	
CT-01-S	2/20/2017	Trichloroethene	0.398	µg/L	U	
CT-01-S	2/20/2017	Vinyl Chloride	0.259	µg/L	U	
CT-01-T	8/5/2014	1, 1, 1,2-Tetrachloroethane	0.5	µg/L	U	
CT-01-T	8/5/2014	1, 1, 1-Trichloroethane	0.5	µg/L	U	
CT-01-T	8/5/2014	1, 1,2,2-Tetrachloroethane	0.5	µg/L	U	
CT-01-T	8/5/2014	1, 1,2-Trichloroethane	0.5	µg/L	U	
CT-01-T	8/5/2014	1, 1-Dichloroethane	0.5	µg/L	U	
CT-01-T	8/5/2014	1, 1-Dichloroethene	0.5	µg/L	U	
CT-01-T	8/5/2014	1, 1-Dichloropropene	0.5	µg/L	U	
CT-01-T	8/5/2014	1,2,3-Trichlorobenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	1,2,3-Trichloropropane	0.5	µg/L	U	
CT-01-T	8/5/2014	1,2,4-Trichlorobenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	1,2,4-Trimethylbenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	1,2-Dibromo-3-chloropropane	0.5	µg/L	U	
CT-01-T	8/5/2014	1,2-Dibromoethane	0.5	µg/L	U	

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CT-01-T	8/5/2014	1,2-Dichlorobenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	1,2-Dichloroethane	0.5	µg/L	U	
CT-01-T	8/5/2014	1,2-Dichloropropane	0.5	µg/L	U	
CT-01-T	8/5/2014	1,3,5-Trimethylbenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	1,3-Dichlorobenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	1,3-Dichloropropane	0.5	µg/L	U	
CT-01-T	8/5/2014	1,4-Dichlorobenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	2,2-Dichloropropane	0.5	µg/L	U	
CT-01-T	8/5/2014	2-Chlorotoluene	0.5	µg/L	U	
CT-01-T	8/5/2014	4-Chlorotoluene	0.5	µg/L	U	
CT-01-T	8/5/2014	4-Isopropyltoluene	0.5	µg/L	U	
CT-01-T	8/5/2014	Benzene	0.5	µg/L	U	
CT-01-T	8/5/2014	Bromobenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	Bromochloromethane	0.5	µg/L	U	
CT-01-T	8/5/2014	Bromodichloromethane	0.5	µg/L	U	
CT-01-T	8/5/2014	Bromoform	0.5	µg/L	U	
CT-01-T	8/5/2014	Bromomethane	0.5	µg/L	U	
CT-01-T	8/5/2014	Carbon Tetrachloride	0.5	µg/L	U	
CT-01-T	8/5/2014	Chloride	0.5	mg/L	U	
CT-01-T	8/5/2014	Chlorobenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	Chloroethane	0.5	µg/L	U	
CT-01-T	8/5/2014	Chloroform	0.5	µg/L	U	
CT-01-T	8/5/2014	Chloromethane	0.5	µg/L	U	
CT-01-T	8/5/2014	cis-1,2-Dichloroethene	0.5	µg/L	U	
CT-01-T	8/5/2014	cis-1,3-Dichloropropene	0.5	µg/L	U	
CT-01-T	8/5/2014	Dibromochloromethane	0.5	µg/L	U	
CT-01-T	8/5/2014	Dibromomethane	0.5	µg/L	U	
CT-01-T	8/5/2014	Dichlorodifluoromethane	0.5	µg/L	U	
CT-01-T	8/5/2014	E. Coli	0	#/100	U	
CT-01-T	8/5/2014	Ethyl benzene	0.5	µg/L	U	
CT-01-T	8/5/2014	Fluoride	0.5	mg/L	U	
CT-01-T	8/5/2014	Hexachlorobutadiene	0.5	µg/L	U	
CT-01-T	8/5/2014	Isopropylbenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	Methyl tert-butyl ether (MTBE)	0.5	µg/L	U	
CT-01-T	8/5/2014	Methylene Chloride	0.5	µg/L	U	
CT-01-T	8/5/2014	Naphthalene	0.5	µg/L	U	
CT-01-T	8/5/2014	n-Butylbenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	Nitrate	2.04	mg/L	U	
CT-01-T	8/5/2014	Nitrite	0.02	mg/L	U	
CT-01-T	8/5/2014	n-Propylbenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	ortho-Phosphate-P	0.05	mg/L	U	
CT-01-T	8/5/2014	sec-Butyl benzene	0.5	µg/L	U	
CT-01-T	8/5/2014	Styrene	0.5	µg/L	U	
CT-01-T	8/5/2014	Sulfate	0.2	mg/L	U	
CT-01-T	8/5/2014	tert-Butylbenzene	0.5	µg/L	U	
CT-01-T	8/5/2014	Tetrachloroethene	0.5	µg/L	U	
CT-01-T	8/5/2014	Toluene	0.5	µg/L	U	
CT-01-T	8/5/2014	Total Xylenes	0.5	µg/L	U	
CT-01-T	8/5/2014	trans-1,2-Dichloroethene	0.5	µg/L	U	

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
CT-01-T	8/5/2014	trans-1,3-Dichloropropene	0.5	µg/L	U	
CT-01-T	8/5/2014	Trichloroethene	0.5	µg/L	U	
CT-01-T	8/5/2014	Trichlorofluoromethane	0.5	µg/L	U	
CT-01-T	8/5/2014	Vinyl Chloride	0.5	µg/L	U	
IW-01	2/1/2002	Phenol	10	µg/L	U	
IW-01	2/1/2002	Bis(2-ethylhexyl) phthalate	10	µg/L	U	
IW-01	2/1/2002	Chlorodibromomethane	1	µg/L	U	
IW-01	2/1/2002	Tetrachloroethene	1	µg/L	U	
IW-01	2/1/2002	Pyrene	10	µg/L	U	
IW-01	2/1/2002	cis-1,2-Dichloroethene	1	µg/L	U	
IW-01	2/1/2002	MTBE	1	µg/L	U	
IW-01	2/1/2002	Benzo(b)fluoranthene	10	µg/L	U	
IW-01	2/1/2002	Fluoranthene	10	µg/L	U	
IW-01	2/1/2002	Chrysene	10	µg/L	U	
IW-01	2/1/2002	Acetone	25	µg/L	U	
IW-01	2/1/2002	Chloroform	1	µg/L	U	
IW-01	2/1/2002	Benzene	1	µg/L	U	
IW-01	2/1/2002	Aluminium	120	µg/L	U	
IW-01	2/1/2002	Iron	240	µg/L		
IW-01	2/1/2002	Lead	1.9	µg/L	U	
IW-01	2/1/2002	Magnesium	650	µg/L		
IW-01	2/1/2002	Manganese	24	µg/L		
IW-01	2/1/2002	Mercury	0.1	µg/L	U	
IW-01	2/1/2002	Nickel	3.2	µg/L		
IW-01	2/1/2002	Potassium	1900	µg/L		
IW-01	2/1/2002	Sodium	5900	µg/L		
IW-01	2/1/2002	Thallium	4.3	µg/L	U	
IW-01	2/1/2002	Antimony	3.1	µg/L	U	
IW-01	2/1/2002	Arsenic	2.6	µg/L	U	
IW-01	2/1/2002	Barium	35	µg/L		
IW-01	2/1/2002	Beryllium	0.2	µg/L	U	
IW-01	2/1/2002	Chromium (III+VI)	1	µg/L	U	
IW-01	2/1/2002	Cobalt	1.3	µg/L	U	
IW-01	2/1/2002	Copper	1600	µg/L		
IW-01	2/1/2002	Vanadium	1.5	µg/L	U	
IW-01	2/1/2002	Zinc	820	µg/L		
IW-01	2/1/2002	Calcium	4400	µg/L		
IW-01	2/1/2002	Selenium	2.5	µg/L	U	
IW-01	2/1/2002	1,2-dichloropropane	1	µg/L	U	
IW-01	2/1/2002	Methyl Ethyl Ketone	25	µg/L	U	
IW-01	2/1/2002	Trichloroethene	1	µg/L	U	
IW-01	2/1/2002	Phenanthrene	10	µg/L	U	
IW-01	2/11/2002	Dissolved Oxygen	2.98	mg/l		
IW-01	2/11/2002	Electrical conductivity *(lab)	57	umhos/cm		
IW-01	2/11/2002	pH	5.39	SU		
IW-01	2/11/2002	Temp	11.6	degree C		
IW-01	2/11/2002	Turbidity	2	NTU		
IW-02	2/1/2002	Cyclohexanone	20	µg/L		
IW-02	2/1/2002	Phenol	10	µg/L		

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
IW-02	2/1/2002	Tetrahydrofuran	400	µg/L		
IW-02	2/1/2002	Bis(2-ethylhexyl) phthalate	10	µg/L	U	
IW-02	2/1/2002	Chlorodibromomethane	1	µg/L	U	
IW-02	2/1/2002	Tetrachloroethene	4.9	µg/L		
IW-02	2/1/2002	Pyrene	10	µg/L	U	
IW-02	2/1/2002	cis-1,2-Dichloroethene	2.7	µg/L		
IW-02	2/1/2002	MTBE	1	µg/L	U	
IW-02	2/1/2002	Benzo(b)fluoranthene	10	µg/L	U	
IW-02	2/1/2002	Fluoranthene	10	µg/L	U	
IW-02	2/1/2002	Chrysene	10	µg/L	U	
IW-02	2/1/2002	Acetone	38	µg/L		
IW-02	2/1/2002	Chloroform	1	µg/L	U	
IW-02	2/1/2002	Benzene	1	µg/L	U	
IW-02	2/1/2002	Aluminium	140	µg/L	U	
IW-02	2/1/2002	Iron	34000	µg/L		
IW-02	2/1/2002	Lead	34	µg/L		
IW-02	2/1/2002	Magnesium	2600	µg/L		
IW-02	2/1/2002	Manganese	120	µg/L		
IW-02	2/1/2002	Mercury	0.1	µg/L	U	
IW-02	2/1/2002	Nickel	2.9	µg/L		
IW-02	2/1/2002	Potassium	3700	µg/L		
IW-02	2/1/2002	Sodium	13000	µg/L		
IW-02	2/1/2002	Thallium	4.3	µg/L	U	
IW-02	2/1/2002	Antimony	3.1	µg/L	U	
IW-02	2/1/2002	Arsenic	2.8	µg/L		
IW-02	2/1/2002	Barium	77	µg/L		
IW-02	2/1/2002	Beryllium	0.58	µg/L	U	
IW-02	2/1/2002	Chromium (III+VI)	7.7	µg/L		
IW-02	2/1/2002	Cobalt	1.3	µg/L	U	
IW-02	2/1/2002	Copper	33	µg/L		
IW-02	2/1/2002	Vanadium	2.8	µg/L		
IW-02	2/1/2002	Zinc	1500	µg/L		
IW-02	2/1/2002	Calcium	12000	µg/L		
IW-02	2/1/2002	Selenium	2.5	µg/L	U	
IW-02	2/1/2002	1,2-dichloropropane	1	µg/L	U	
IW-02	2/1/2002	Methyl Ethyl Ketone	2600	µg/L		
IW-02	2/1/2002	Trichloroethene	1.2	µg/L		
IW-02	2/1/2002	Phenanthrene	10	µg/L	U	
IW-02	2/12/2002	Dissolved Oxygen	1.25	mg/l		
IW-02	2/12/2002	Electrical conductivity *(lab)	186	umhos/cm		
IW-02	2/12/2002	pH	6.38	SU		
IW-02	2/12/2002	Temp	14.6	degree C		
IW-02	2/12/2002	Turbidity	355	NTU		
MCJ_MW-10	8/28/2003	Arsenic	15	µg/L		
MCJ_MW-10	8/28/2003	Barium	376	µg/L		
MCJ_MW-10	8/28/2003	Chromium (III+VI)	39	µg/L		
MCJ_MW-10	8/28/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-10	8/28/2003	Lead	36	µg/L		
MCJ_MW-10	8/28/2003	Mercury	0.26	µg/L		

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MCJ_MW-10	8/28/2003	Selenium	11	µg/L		
MCJ_MW-10	8/28/2003	Tetrachloroethene	5	µg/L	U	
MCJ_MW-10	4/19/2005	Barium	208	µg/L		
MCJ_MW-10	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-11	8/28/2003	Barium	96	µg/L		
MCJ_MW-11	8/28/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-11	8/28/2003	Tetrachloroethene	5	µg/L	U	
MCJ_MW-11	4/19/2005	Barium	85.6	µg/L		
MCJ_MW-11	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-12	8/28/2003	Barium	146	µg/L		
MCJ_MW-12	8/28/2003	Chromium (III+VI)	11	µg/L		
MCJ_MW-12	8/28/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-12	8/28/2003	Tetrachloroethene	5	µg/L	U	
MCJ_MW-12	4/19/2005	Barium	80.1	µg/L		
MCJ_MW-12	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-7	8/28/2003	Barium	69	µg/L		
MCJ_MW-7	8/28/2003	Chromium (III+VI)	6	µg/L		
MCJ_MW-7	8/28/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-7	8/28/2003	Tetrachloroethene	5	µg/L	U	
MCJ_MW-7	4/19/2005	Barium	129	µg/L		
MCJ_MW-7	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-8	8/28/2003	Barium	118	µg/L		
MCJ_MW-8	8/28/2003	Chromium (III+VI)	7	µg/L		
MCJ_MW-8	8/28/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-8	8/28/2003	Tetrachloroethene	5	µg/L	U	
MCJ_MW-8	4/19/2005	Barium	130	µg/L		
MCJ_MW-8	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-9	8/28/2003	Barium	175	µg/L		
MCJ_MW-9	8/28/2003	Chromium (III+VI)	12	µg/L		
MCJ_MW-9	8/28/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_MW-9	8/28/2003	Tetrachloroethene	5	µg/L	U	
MCJ_MW-9	4/19/2005	Barium	253	µg/L		
MCJ_MW-9	4/19/2005	Chromium (III+VI)	15.7	µg/L		
MCJ_MW-9	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_S-1	11/15/2002	Arsenic	20	µg/L		
MCJ_S-1	11/15/2002	Barium	700	µg/L		
MCJ_S-1	11/15/2002	Cadmium	1	µg/L		
MCJ_S-1	11/15/2002	Chromium (III+VI)	299	µg/L		
MCJ_S-1	11/15/2002	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_S-1	11/15/2002	Lead	299	µg/L		
MCJ_S-1	11/15/2002	Mercury	0.31	µg/L		
MCJ_S-10	11/15/2002	Arsenic	37	µg/L		
MCJ_S-10	11/15/2002	Barium	6620	µg/L		
MCJ_S-10	11/15/2002	Chromium (III+VI)	303	µg/L		
MCJ_S-10	11/15/2002	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_S-10	11/15/2002	Lead	303	µg/L		
MCJ_S-10	11/15/2002	Mercury	1.01	µg/L		
MCJ_S-3	11/15/2002	Arsenic	20	µg/L		
MCJ_S-3	11/15/2002	Barium	2740	µg/L		

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MCJ_S-3	11/15/2002	Cadmium	2	µg/L		
MCJ_S-3	11/15/2002	Chromium (III+VI)	1440	µg/L		
MCJ_S-3	11/15/2002	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_S-3	11/15/2002	Lead	1440	µg/L		
MCJ_S-3	11/15/2002	Mercury	1.54	µg/L		
MCJ_S-4	11/15/2002	Arsenic	27	µg/L		
MCJ_S-4	11/15/2002	Barium	1890	µg/L		
MCJ_S-4	11/15/2002	Chromium (III+VI)	649	µg/L		
MCJ_S-4	11/15/2002	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_S-4	11/15/2002	Lead	649	µg/L		
MCJ_S-4	11/15/2002	Mercury	0.44	µg/L		
MCJ_S-5	11/15/2002	Arsenic	22	µg/L		
MCJ_S-5	11/15/2002	Barium	1370	µg/L		
MCJ_S-5	11/15/2002	Chromium (III+VI)	409	µg/L		
MCJ_S-5	11/15/2002	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_S-5	11/15/2002	Lead	409	µg/L		
MCJ_S-5	11/15/2002	Mercury	0.3	µg/L		
MCJ_S-6	11/15/2002	Arsenic	159	µg/L		
MCJ_S-6	11/15/2002	Barium	886	µg/L		
MCJ_S-6	11/15/2002	Cadmium	8	µg/L		
MCJ_S-6	11/15/2002	Chromium (III+VI)	358	µg/L		
MCJ_S-6	11/15/2002	cis-1,2-Dichloroethene	1.8	µg/L		
MCJ_S-6	11/15/2002	Lead	358	µg/L		
MCJ_S-6	11/15/2002	Tetrachloroethene	2.7	µg/L		
MCJ_S-7	11/15/2002	Arsenic	8	µg/L		
MCJ_S-7	11/15/2002	Barium	1960	µg/L		
MCJ_S-7	11/15/2002	Chromium (III+VI)	484	µg/L		
MCJ_S-7	11/15/2002	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_S-7	11/15/2002	Lead	484	µg/L		
MCJ_S-7	11/15/2002	Mercury	0.31	µg/L		
MCJ_S-8	11/15/2002	Arsenic	15	µg/L		
MCJ_S-8	11/15/2002	Barium	584	µg/L		
MCJ_S-8	11/15/2002	Chromium (III+VI)	172	µg/L		
MCJ_S-8	11/15/2002	Lead	172	µg/L		
MCJ_S-8	11/15/2002	Mercury	0.94	µg/L		
MCJ_S-9	11/15/2002	Arsenic	35	µg/L		
MCJ_S-9	11/15/2002	Barium	884	µg/L		
MCJ_S-9	11/15/2002	Cadmium	4	µg/L		
MCJ_S-9	11/15/2002	Chromium (III+VI)	478	µg/L		
MCJ_S-9	11/15/2002	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_S-9	11/15/2002	Lead	478	µg/L		
MCJ_S-9	11/15/2002	Mercury	2.28	µg/L		
MCJ_TW-1	2/7/2003	Barium	103	µg/L		
MCJ_TW-1	2/7/2003	cis-1,2-Dichloroethene	7.6	µg/L		
MCJ_TW-1	2/7/2003	Tetrachloroethene	5	µg/L	U	
MCJ_TW-1	4/19/2005	Barium	169	µg/L		
MCJ_TW-1	4/19/2005	cis-1,2-Dichloroethene	8.3	µg/L		
MCJ_TW-2	2/7/2003	Barium	31	µg/L		
MCJ_TW-2	2/7/2003	cis-1,2-Dichloroethene	5	µg/L	U	

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MCJ_TW-2	2/7/2003	Tetrachloroethene	5	µg/L	U	
MCJ_TW-2	4/19/2005	Barium	36.6	µg/L		
MCJ_TW-2	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_TW-3	2/7/2003	Barium	70	µg/L		
MCJ_TW-3	2/7/2003	Cadmium	1	µg/L		
MCJ_TW-3	2/7/2003	Chloroform	2.6	µg/L		
MCJ_TW-3	2/7/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_TW-3	2/7/2003	Naphthalene	5.3	µg/L		
MCJ_TW-3	2/7/2003	Tetrachloroethene	5	µg/L	U	
MCJ_TW-3	4/19/2005	Barium	103	µg/L		
MCJ_TW-3	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_TW-4	2/7/2003	Barium	58	µg/L		
MCJ_TW-4	2/7/2003	Chloroform	5	µg/L	U	
MCJ_TW-4	2/7/2003	Naphthalene	5	µg/L	U	
MCJ_TW-4	4/19/2005	Barium	53.8	µg/L		
MCJ_TW-4	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_TW-5	2/7/2003	Barium	69	µg/L		
MCJ_TW-5	2/7/2003	Chromium (III+VI)	7	µg/L		
MCJ_TW-5	2/7/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_TW-5	2/7/2003	Tetrachloroethene	20	µg/L		
MCJ_TW-5	4/19/2005	Barium	35.7	µg/L		
MCJ_TW-5	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_TW-6	2/7/2003	Barium	78	µg/L		
MCJ_TW-6	2/7/2003	cis-1,2-Dichloroethene	5	µg/L	U	
MCJ_TW-6	2/7/2003	Tetrachloroethene	5	µg/L	U	
MCJ_TW-6	4/19/2005	Barium	87.5	µg/L		
MCJ_TW-6	4/19/2005	cis-1,2-Dichloroethene	5	µg/L	U	
MPB-GW-01	5/1/2004	Chloromethane	23	µg/L		
MPB-GW-01	5/1/2004	Dissolved Oxygen	10.1	g/L		
MPB-GW-01	5/1/2004	Electrical conductivity *(lab)	27.1	S/m		
MPB-GW-01	5/1/2004	Tetrachloroethene	42	µg/L		
MPB-GW-01	5/1/2004	Turbidity	990	NTU		
MPB-GW-02	5/1/2004	Arsenic	592.8	µg/g		
MPB-GW-02	5/1/2004	Chloromethane	9.9	µg/L		
MPB-GW-02	5/1/2004	Chromium (III+VI)	522	µg/g		
MPB-GW-02	5/1/2004	Dissolved Oxygen	11.7	g/L		
MPB-GW-02	5/1/2004	Electrical conductivity *(lab)	35.4	S/m		
MPB-GW-02	5/1/2004	Lead	564.8	µg/g		
MPB-GW-02	5/1/2004	Selenium	477.6	µg/g		
MPB-GW-02	5/1/2004	Tetrachloroethene	18	µg/L		
MPB-GW-02	5/1/2004	Turbidity	620	NTU		
MPB-GW-03	5/1/2004	Arsenic	666.4	µg/g		
MPB-GW-03	5/1/2004	Chloromethane	9.6	µg/L		
MPB-GW-03	5/1/2004	Copper	2988.8	µg/g		
MPB-GW-03	5/1/2004	Dissolved Oxygen	9.4	g/L		
MPB-GW-03	5/1/2004	Electrical conductivity *(lab)	26.9	S/m		
MPB-GW-03	5/1/2004	Iron	34099.2	µg/g		
MPB-GW-03	5/1/2004	Lead	5408	µg/g		
MPB-GW-03	5/1/2004	Manganese	9484.8	µg/g		

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MPB-GW-03	5/1/2004	Selenium	467.2	µg/g		
MPB-GW-03	5/1/2004	Tetrachloroethene	114.4	µg/L		
MPB-GW-03	5/1/2004	Turbidity	990	NTU		
MW-01	10/15/1993	1,1,1,2-Tetrachloroethane	50	µg/L	U	T
MW-01	10/15/1993	1,1,1-Trichloroethane	50	µg/L	U	T
MW-01	10/15/1993	1,1,2,2-Tetrachloroethane	50	µg/L	U	T
MW-01	10/15/1993	1,1,2-Trichloroethane	50	µg/L	U	T
MW-01	10/15/1993	1,1-Dichloroethane	50	µg/L	U	T
MW-01	10/15/1993	1,1-Dichloroethene	50	µg/L	U	T
MW-01	10/15/1993	1,1-Dichloropropene	50	µg/L	U	T
MW-01	10/15/1993	1,2,3-Trichlorobenzene	50	µg/L	U	T
MW-01	10/15/1993	1,2,3-Trichloropropane	50	µg/L	U	T
MW-01	10/15/1993	1,2,4-Trichlorobenzene	50	µg/L	U	T
MW-01	10/15/1993	1,2,4-Trimethylbenzene (2 isomers)	50	µg/L	U	T
MW-01	10/15/1993	1,2-Dichloroethene	50	µg/L	U	T
MW-01	10/15/1993	1,2-dichloropropane	50	µg/L	U	T
MW-01	10/15/1993	1,3,5-Trimethylbenzene	50	µg/L	U	T
MW-01	10/15/1993	1,3-Dichlorobenzene	50	µg/L	U	T
MW-01	10/15/1993	1,3-Dichloropropane	50	µg/L	U	T
MW-01	10/15/1993	1,3-Dichloropropene	50	µg/L	U	T
MW-01	10/15/1993	1,4-Dichlorobenzene	50	µg/L	U	T
MW-01	10/15/1993	2,2-Dichloropropane	50	µg/L	U	T
MW-01	10/15/1993	2-Chlorotoluene	50	µg/L	U	T
MW-01	10/15/1993	4-Chlorotoluene	50	µg/L	U	T
MW-01	10/15/1993	Benzene	50	µg/L	U	T
MW-01	10/15/1993	Bromobenzene	50	µg/L	U	T
MW-01	10/15/1993	Bromochloromethane	50	µg/L	U	T
MW-01	10/15/1993	Bromoform	50	µg/L	U	T
MW-01	10/15/1993	Bromomethane	50	µg/L	U	T
MW-01	10/15/1993	Carbon tetrachloride	50	µg/L	U	T
MW-01	10/15/1993	Chlorobenzene	50	µg/L	U	T
MW-01	10/15/1993	Chlorodibromomethane	50	µg/L	U	T
MW-01	10/15/1993	Chloroethane	50	µg/L	U	T
MW-01	10/15/1993	Chloroform	50	µg/L	U	T
MW-01	10/15/1993	Chloromethane	50	µg/L	U	T
MW-01	10/15/1993	cis-1,2-Dichloroethene	50	µg/L	U	T
MW-01	10/15/1993	Dibromomethane	50	µg/L	U	T
MW-01	10/15/1993	Dichlorofluoromethane	50	µg/L	U	T
MW-01	10/15/1993	Ethylbenzene	50	µg/L	U	T
MW-01	10/15/1993	Fluorotrimethyl Silane	50	µg/L	U	T
MW-01	10/15/1993	Hexachlorobutadiene	50	µg/L	U	T
MW-01	10/15/1993	Isopropylbenzene	50	µg/L	U	T
MW-01	10/15/1993	m&p-Xylene	50	µg/L	U	T
MW-01	10/15/1993	Methylene chloride	50	µg/L	U	T
MW-01	10/15/1993	Naphthalene	50	µg/L	U	T
MW-01	10/15/1993	n-Butylbenzene	50	µg/L	U	T
MW-01	10/15/1993	n-Propylbenzene	50	µg/L	U	T
MW-01	10/15/1993	Odor	50	µg/L	U	T
MW-01	10/15/1993	p-Isopropyltoluene	50	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01	10/15/1993	sec-Butylbenzene	50	µg/L	U	T
MW-01	10/15/1993	Styrene	50	µg/L	U	T
MW-01	10/15/1993	tert-Butylbenzene	50	µg/L	U	T
MW-01	10/15/1993	Tetrachloroethene	536	µg/L		T
MW-01	10/15/1993	Tetrachloroethene	607	µg/L		T
MW-01	10/15/1993	Toluene	50	µg/L	U	T
MW-01	10/15/1993	Trichloroethene	50	µg/L	U	T
MW-01	10/15/1993	Vinyl chloride	50	µg/L	U	T
MW-01	10/15/1993	Xylene (o)	50	µg/L	U	T
MW-01	10/15/1993	Xylene Total	50	µg/L	U	T
MW-01	5/12/2003	Benzene	1	µg/kg	U	T
MW-01	5/12/2003	Ethylbenzene	1	µg/kg	U	T
MW-01	5/12/2003	Tetrachloroethene	5	µg/kg	U	T
MW-01	5/12/2003	Toluene	1	µg/kg	U	T
MW-01	5/12/2003	Xylene Total	5	µg/kg	U	T
MW-01I	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	38	mg/L		T
MW-01I	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-01I	1/1/2000	Chloride	2.6	mg/L		T
MW-01I	1/1/2000	Ethane	2.5	µg/L	U	T
MW-01I	1/1/2000	Ethene	2.6	µg/L	U	T
MW-01I	1/1/2000	Methane	1.3	µg/L	U	T
MW-01I	1/1/2000	Nitrate (as N)	0.46	mg/L		T
MW-01I	1/1/2000	Sulphate	3.7	mg/L		T
MW-01I	1/1/2000	TOC	3.2	mg/L		T
MW-01I	5/4/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-01I	5/4/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-01I	5/4/2000	4,4-Butylidenebis[2]phenol	8	µg/L		T
MW-01I	5/4/2000	Acetone	10	µg/L	U	T
MW-01I	5/4/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-01I	5/4/2000	Aluminium	1900	µg/L		T
MW-01I	5/4/2000	Antimony	2.9	µg/L	U	T
MW-01I	5/4/2000	Arsenic	3	µg/L	U	T
MW-01I	5/4/2000	Barium	42	µg/L		T
MW-01I	5/4/2000	Benzene	10	µg/L	U	T
MW-01I	5/4/2000	Beryllium	0.2	µg/L		T
MW-01I	5/4/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-01I	5/4/2000	Cadmium	0.3	µg/L	U	T
MW-01I	5/4/2000	Calcium	5800	µg/L		T
MW-01I	5/4/2000	Caprolactam	1	µg/L		T
MW-01I	5/4/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-01I	5/4/2000	Chloroform	10	µg/L	U	T
MW-01I	5/4/2000	Chromium (III+VI)	15	µg/L		T
MW-01I	5/4/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-01I	5/4/2000	Cobalt	2.3	µg/L	U	T
MW-01I	5/4/2000	Copper	22	µg/L	U	T
MW-01I	5/4/2000	Cyanide Total	10	µg/L	U	T
MW-01I	5/4/2000	Cyclohexane	10	µg/L	U	T
MW-01I	5/4/2000	Dieldrin	0.1	µg/L	U	T
MW-01I	5/4/2000	Dissolved Oxygen	9.91	mg/l		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01I	5/4/2000	Electrical conductivity *(lab)	0.078	umhos/cm		T
MW-01I	5/4/2000	Endrin ketone	0.1	µg/L	U	T
MW-01I	5/4/2000	Ethylbenzene	10	µg/L	U	T
MW-01I	5/4/2000	Ferrous Iron	0.35	mg/l		T
MW-01I	5/4/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-01I	5/4/2000	g-BHC (Lindane)	50	µg/L	U	T
MW-01I	5/4/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-01I	5/4/2000	Iron	1800	µg/L		T
MW-01I	5/4/2000	Lead	2.6	µg/L	U	T
MW-01I	5/4/2000	Magnesium	950	µg/L		T
MW-01I	5/4/2000	Manganese	100	µg/L		T
MW-01I	5/4/2000	Mercury	0.1	µg/L	U	T
MW-01I	5/4/2000	Methyl acetate	10	µg/L	U	T
MW-01I	5/4/2000	Methylcyclohexane	10	µg/L	U	T
MW-01I	5/4/2000	Nickel	27	µg/L	U	T
MW-01I	5/4/2000	Nonanoic Acid	5	µg/L		T
MW-01I	5/4/2000	N-Tridecane	1.3	µg/L		T
MW-01I	5/4/2000	N-Tridecane	2.5	µg/L		T
MW-01I	5/4/2000	N-Tridecane	2.6	µg/L		T
MW-01I	5/4/2000	Octanoic Acid	6	µg/L		T
MW-01I	5/4/2000	ORP	164	millivolts		T
MW-01I	5/4/2000	pH	6.14	pH Units		T
MW-01I	5/4/2000	Phenol	10	µg/L	U	T
MW-01I	5/4/2000	Potassium	2000	µg/L		T
MW-01I	5/4/2000	Selenium	2.2	µg/L	U	T
MW-01I	5/4/2000	Silver	1	µg/L	U	T
MW-01I	5/4/2000	Sodium	16000	µg/L		T
MW-01I	5/4/2000	Specific Conductance	78	umhos/cm		T
MW-01I	5/4/2000	Temp	21.6	degree C		T
MW-01I	5/4/2000	Tetrachloroethene	10	µg/L	U	T
MW-01I	5/4/2000	Thallium	3.5	µg/L	U	T
MW-01I	5/4/2000	Trichloroethene	10	µg/L	U	T
MW-01I	5/4/2000	Turbidity	24	NTU		T
MW-01I	5/4/2000	Unknown Compound	520	µg/L		T
MW-01I	5/4/2000	Vanadium	2.6	µg/L	U	T
MW-01I	5/4/2000	Xylene Total	10	µg/L	U	T
MW-01I	5/4/2000	Zinc	67	µg/L	U	T
MW-01I	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-01I	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-01I	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-01I	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-01I	1/1/2001	Aluminium	860	µg/L		T
MW-01I	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-01I	1/1/2001	Barium	34	µg/L		T
MW-01I	1/1/2001	Benzene	10	µg/L	U	T
MW-01I	1/1/2001	Bis(2-ethylhexyl) phthalate	600	µg/L		T
MW-01I	1/1/2001	Cadmium	1.1	µg/L		T
MW-01I	1/1/2001	Calcium	4800	µg/L		T
MW-01I	1/1/2001	Caprolactam	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01I	1/1/2001	Chloroform	10	µg/L	U	T
MW-01I	1/1/2001	Chromium (III+VI)	4.1	µg/L		T
MW-01I	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-01I	1/1/2001	Cobalt	0.94	µg/L	U	T
MW-01I	1/1/2001	Copper	12	µg/L	U	T
MW-01I	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-01I	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-01I	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-01I	1/1/2001	Endrin	0.01	µg/L	U	T
MW-01I	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-01I	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-01I	1/1/2001	Iron	590	µg/L		T
MW-01I	1/1/2001	Lead	2.6	µg/L		T
MW-01I	1/1/2001	Magnesium	650	µg/L		T
MW-01I	1/1/2001	Manganese	50	µg/L		T
MW-01I	1/1/2001	Mercury	0.12	µg/L	U	T
MW-01I	1/1/2001	Nickel	9.4	µg/L		T
MW-01I	1/1/2001	Potassium	1500	µg/L		T
MW-01I	1/1/2001	Sodium	7700	µg/L		T
MW-01I	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-01I	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-01I	1/1/2001	Unknown Compound	3	µg/L		T
MW-01I	1/1/2001	Unknown phthlates	5	µg/L		T
MW-01I	1/1/2001	Vanadium	0.7	µg/L	U	T
MW-01I	1/1/2001	Xylene Total	10	µg/L	U	T
MW-01I	1/1/2001	Zinc	8.9	µg/L		T
MW-01I	1/20/2001	Dissolved Oxygen	3.48	mg/l		T
MW-01I	1/20/2001	Electrical conductivity *(lab)	55	umhos/cm		T
MW-01I	1/20/2001	Ferrous Iron	0.5	mg/l	U	T
MW-01I	1/20/2001	ORP	260	millivolts		T
MW-01I	1/20/2001	pH	5.55	SU		T
MW-01I	1/20/2001	Temp	19.9	degree C		T
MW-01I	1/20/2001	Turbidity	2	NTU		T
MW-01I	5/12/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-01I	5/12/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-01I	5/12/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-01I	5/12/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-01I	5/12/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-01I	5/12/2009	Aluminium	21.7	µg/L		T
MW-01I	5/12/2009	Arsenic	0.21	µg/L		T
MW-01I	5/12/2009	Barium	34.9	µg/L		T
MW-01I	5/12/2009	Benzene	0.02	µg/L	U	T
MW-01I	5/12/2009	Beryllium	0.2	µg/L	U	T
MW-01I	5/12/2009	Cadmium	0.15	µg/L		T
MW-01I	5/12/2009	Calcium	4.38	µg/L		T
MW-01I	5/12/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-01I	5/12/2009	Chloroform	0.03	µg/L		T
MW-01I	5/12/2009	Chloroform	0.04	µg/L		T
MW-01I	5/12/2009	Chromium (III+VI)	3.69	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01I	5/12/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-01I	5/12/2009	Cobalt	0.123	µg/L		T
MW-01I	5/12/2009	Copper	4	µg/L	U	T
MW-01I	5/12/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-01I	5/12/2009	Dissolved Oxygen	4.4	mg/L		T
MW-01I	5/12/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-01I	5/12/2009	Ethyl ether	0.1	µg/L	U	T
MW-01I	5/12/2009	Ferrous Iron	0.01	mg/L		T
MW-01I	5/12/2009	Iron	27.9	µg/L		T
MW-01I	5/12/2009	Lead	0.077	µg/L		T
MW-01I	5/12/2009	Lithium	1.01	µg/L		T
MW-01I	5/12/2009	Magnesium	0.415	µg/L		T
MW-01I	5/12/2009	Manganese	3.97	µg/L		T
MW-01I	5/12/2009	Mercury	0.01	µg/L	U	T
MW-01I	5/12/2009	Methylene chloride	0.04	µg/L	U	T
MW-01I	5/12/2009	Molybdenum	0.186	µg/L		T
MW-01I	5/12/2009	MTBE	0.1	µg/L	U	T
MW-01I	5/12/2009	Nickel	8.1	µg/L		T
MW-01I	5/12/2009	Nitrate (as N)	2.9	mg/L		T
MW-01I	5/12/2009	pH	7.7	pH units		T
MW-01I	5/12/2009	Potassium	1.53	µg/L		T
MW-01I	5/12/2009	Selenium	0.09	µg/L		T
MW-01I	5/12/2009	Silver	0.06	µg/L	U	T
MW-01I	5/12/2009	Sodium	4.98	µg/L		T
MW-01I	5/12/2009	Specific Conductance	64	uS/cm		T
MW-01I	5/12/2009	Strontium	61.8	µg/L		T
MW-01I	5/12/2009	Sulfide	0.01	mg/L		T
MW-01I	5/12/2009	Sulphate	1	mg/L		T
MW-01I	5/12/2009	Temp	20.8	degree C		T
MW-01I	5/12/2009	Tetrachloroethene	0.07	µg/L		T
MW-01I	5/12/2009	Tetrachloroethene	0.08	µg/L		T
MW-01I	5/12/2009	Toluene	0.02	µg/L	U	T
MW-01I	5/12/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-01I	5/12/2009	Trichloroethene	0.02	µg/L	U	T
MW-01I	5/12/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-01I	5/12/2009	Turbidity	3.61	NTU		T
MW-01I	5/12/2009	Vinyl chloride	0.1	µg/L	U	T
MW-01I	5/12/2009	Zinc	4	µg/L	U	T
MW-01I	5/11/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-01I	5/11/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-01I	5/11/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01I	5/11/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-01I	5/11/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-01I	5/11/2010	1,2-dichloropropane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-01I	5/11/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-01I	5/11/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-01I	5/11/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-01I	5/11/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-01I	5/11/2010	Acetone	4	µg/L	U	T
MW-01I	5/11/2010	Aluminium	200	µg/L	U	T
MW-01I	5/11/2010	Antimony	2	µg/L	U	T
MW-01I	5/11/2010	Arsenic	0.079	µg/L		T
MW-01I	5/11/2010	Barium	73	µg/L		T
MW-01I	5/11/2010	Benzene	0.5	µg/L	U	T
MW-01I	5/11/2010	Beryllium	1	µg/L	U	T
MW-01I	5/11/2010	Bromobenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	Bromochloromethane	0.5	µg/L	U	T
MW-01I	5/11/2010	Bromoform	1	µg/L	U	T
MW-01I	5/11/2010	Bromomethane	2	µg/L	U	T
MW-01I	5/11/2010	Cadmium	0.52	µg/L		T
MW-01I	5/11/2010	Calcium	4300	µg/L		T
MW-01I	5/11/2010	Carbon disulfide	0.5	µg/L	U	T
MW-01I	5/11/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-01I	5/11/2010	Chlorobenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-01I	5/11/2010	Chloroethane	0.5	µg/L	U	T
MW-01I	5/11/2010	Chloroform	0.5	µg/L	U	T
MW-01I	5/11/2010	Chloromethane	0.5	µg/L	U	T
MW-01I	5/11/2010	Chromium (III+VI)	12	µg/L		T
MW-01I	5/11/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-01I	5/11/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-01I	5/11/2010	Cobalt	1	µg/L	U	T
MW-01I	5/11/2010	Copper	2.9	µg/L		T
MW-01I	5/11/2010	Cyclohexane	0.5	µg/L	U	T
MW-01I	5/11/2010	Dibromomethane	0.5	µg/L	U	T
MW-01I	5/11/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-01I	5/11/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-01I	5/11/2010	Ethylbenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-01I	5/11/2010	Iron	52	µg/L		T
MW-01I	5/11/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	Lead	0.35	µg/L		T
MW-01I	5/11/2010	Magnesium	390	µg/L		T
MW-01I	5/11/2010	Manganese	3.3	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01I	5/11/2010	Methyl acetate	1	µg/L	U	T
MW-01I	5/11/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-01I	5/11/2010	Methylbenzanthracene	1	µg/L	U	T
MW-01I	5/11/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-01I	5/11/2010	Methylene chloride	0.5	µg/L	U	T
MW-01I	5/11/2010	M-P-XYLENE	1	µg/L	U	T
MW-01I	5/11/2010	MTBE	0.5	µg/L	U	T
MW-01I	5/11/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	Nickel	3	µg/L		T
MW-01I	5/11/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-01I	5/11/2010	Potassium	1200	µg/L		T
MW-01I	5/11/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	Selenium	1.8	µg/L		T
MW-01I	5/11/2010	Silver	1	µg/L	U	T
MW-01I	5/11/2010	Sodium	5200	µg/L		T
MW-01I	5/11/2010	Styrene	0.5	µg/L	U	T
MW-01I	5/11/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-01I	5/11/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-01I	5/11/2010	Tetrachloroethene	0.13	µg/L		T
MW-01I	5/11/2010	Thallium	1	µg/L	U	T
MW-01I	5/11/2010	Toluene	0.5	µg/L	U	T
MW-01I	5/11/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-01I	5/11/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-01I	5/11/2010	Trichloroethene	0.5	µg/L	U	T
MW-01I	5/11/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-01I	5/11/2010	Vanadium	5	µg/L	U	T
MW-01I	5/11/2010	Vinyl chloride	0.5	µg/L	U	T
MW-01I	5/11/2010	Xylene (o)	0.5	µg/L	U	T
MW-01I	5/11/2010	Xylene Total	0.5	µg/L	U	T
MW-01I	5/11/2010	Zinc	41	µg/L		T
MW-01I	5/19/2010	Dichlorodifluoromethane	0.0122	µg/L		
MW-01I	5/19/2010	Dichlorodifluoromethane	0.0162	µg/L		
MW-01I	5/19/2010	Dichlorodifluoromethane	0.0221	µg/L		
MW-01I	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.00244	µg/L		
MW-01I	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.00281	µg/L		
MW-01I	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.00412	µg/L		
MW-01I	5/19/2010	Trichlorofluoromethane	0.0164	µg/L		
MW-01I	5/19/2010	Trichlorofluoromethane	0.0223	µg/L		
MW-01I	5/19/2010	Trichlorofluoromethane	0.0357	µg/L		
MW-01I	10/25/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-01I	10/25/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-01I	10/25/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-01I	10/25/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-01I	10/25/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-01I	10/25/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-01I	10/25/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-01I	10/25/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01I	10/25/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-01I	10/25/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-01I	10/25/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-01I	10/25/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-01I	10/25/2011	1,2-Dichloropropane	0.5	µg/L	U	T
MW-01I	10/25/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-01I	10/25/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-01I	10/25/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-01I	10/25/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-01I	10/25/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-01I	10/25/2011	Acetone	4	µg/L	U	T
MW-01I	10/25/2011	Aluminium	420	µg/L		T
MW-01I	10/25/2011	Antimony	1	µg/L	U	T
MW-01I	10/25/2011	Arsenic	1.3	µg/L	U	T
MW-01I	10/25/2011	Barium	40	µg/L		T
MW-01I	10/25/2011	Benzene	0.5	µg/L	U	T
MW-01I	10/25/2011	Beryllium	3	µg/L	U	T
MW-01I	10/25/2011	Bromobenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	Bromochloromethane	0.5	µg/L	U	T
MW-01I	10/25/2011	Bromoform	1	µg/L	U	T
MW-01I	10/25/2011	Bromomethane	2	µg/L	U	T
MW-01I	10/25/2011	Cadmium	1.7	µg/L		T
MW-01I	10/25/2011	Calcium	5800	µg/L		T
MW-01I	10/25/2011	Carbon disulfide	0.5	µg/L	U	T
MW-01I	10/25/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-01I	10/25/2011	Chlorobenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-01I	10/25/2011	Chloroethane	2	µg/L	U	T
MW-01I	10/25/2011	Chloroform	0.22	µg/L		T
MW-01I	10/25/2011	Chloromethane	0.5	µg/L	U	T
MW-01I	10/25/2011	Chromium (III+VI)	110	µg/L		T
MW-01I	10/25/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-01I	10/25/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-01I	10/25/2011	Cobalt	5	µg/L	U	T
MW-01I	10/25/2011	Copper	10	µg/L		T
MW-01I	10/25/2011	Cyclohexane	0.5	µg/L	U	T
MW-01I	10/25/2011	Dibromomethane	0.5	µg/L	U	T
MW-01I	10/25/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-01I	10/25/2011	Dissolved Oxygen	4.11	mg/l		T
MW-01I	10/25/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-01I	10/25/2011	Ethylbenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-01I	10/25/2011	Iron	1000	µg/L		T
MW-01I	10/25/2011	Isopropylbenzene	0.5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01I	10/25/2011	Lead	1.7	µg/L		T
MW-01I	10/25/2011	M AND P XYLENES	1	µg/L	U	T
MW-01I	10/25/2011	Magnesium	540	µg/L		T
MW-01I	10/25/2011	Manganese	22	µg/L		T
MW-01I	10/25/2011	Mercury	0.1	µg/L	U	T
MW-01I	10/25/2011	Methyl acetate	1	µg/L	U	T
MW-01I	10/25/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-01I	10/25/2011	Methylbenzanthracene	1	µg/L	U	T
MW-01I	10/25/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-01I	10/25/2011	Methylene chloride	0.5	µg/L	U	T
MW-01I	10/25/2011	Molybdenum	5	µg/L	U	T
MW-01I	10/25/2011	MTBE	0.5	µg/L	U	T
MW-01I	10/25/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	Nickel	31	µg/L		T
MW-01I	10/25/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	Oxidation-Reduction Potential	235	mV		T
MW-01I	10/25/2011	pH	5.66	pH Units		T
MW-01I	10/25/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-01I	10/25/2011	Potassium	1800	µg/L		T
MW-01I	10/25/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	Selenium	2	µg/L	U	T
MW-01I	10/25/2011	Silver	5	µg/L	U	T
MW-01I	10/25/2011	Sodium	5000	µg/L		T
MW-01I	10/25/2011	Specific Conductance	59	umhos/cm		T
MW-01I	10/25/2011	Strontium	51	µg/L		T
MW-01I	10/25/2011	Styrene	0.5	µg/L	U	T
MW-01I	10/25/2011	Temp	21.2	°C		T
MW-01I	10/25/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-01I	10/25/2011	Tetrachloroethene	0.28	µg/L		T
MW-01I	10/25/2011	Thallium	1	µg/L	U	T
MW-01I	10/25/2011	Tin	15	µg/L	U	T
MW-01I	10/25/2011	Titanium	9.6	µg/L		T
MW-01I	10/25/2011	Toluene	0.5	µg/L	U	T
MW-01I	10/25/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-01I	10/25/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-01I	10/25/2011	Trichloroethene	0.5	µg/L	U	T
MW-01I	10/25/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-01I	10/25/2011	Turbidity	1.24	NTU		T
MW-01I	10/25/2011	Vanadium	5	µg/L	U	T
MW-01I	10/25/2011	Vinyl chloride	0.5	µg/L	U	T
MW-01I	10/25/2011	Xylene (o)	0.5	µg/L	U	T
MW-01I	10/25/2011	Xylene Total	0.5	µg/L	U	T
MW-01I	10/25/2011	Yttrium	3	µg/L	U	T
MW-01I	10/25/2011	Zinc	94	µg/L		T
MW-01I	7/12/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-01I	7/12/2016	Tetrachloroethene	0.372	µg/L	U	
MW-01I	7/12/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-01I	7/12/2016	Trichloroethene	0.398	µg/L	U	
MW-01I	7/12/2016	Vinyl Chloride	0.259	µg/L	U	

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	9.3	mg/L		T
MW-01S	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-01S	1/1/2000	Chloride	15	mg/L		T
MW-01S	1/1/2000	Dissolved organic carbon	2.2	mg/L		T
MW-01S	1/1/2000	Ethane	2.5	µg/L	U	T
MW-01S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-01S	1/1/2000	Methane	1.3	µg/L	U	T
MW-01S	1/1/2000	Nitrate (as N)	3	mg/L		T
MW-01S	1/1/2000	Sulphate	35	mg/L		T
MW-01S	1/1/2000	TOC	3.1	mg/L		T
MW-01S	5/5/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-01S	5/5/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-01S	5/5/2000	1-Docosene	3	µg/L		T
MW-01S	5/5/2000	2,3-Dimethyl-2-nitrobutane	3	µg/L		T
MW-01S	5/5/2000	2-Butoxyethanol	3	µg/L		T
MW-01S	5/5/2000	2-Heptene	3	µg/L		T
MW-01S	5/5/2000	Acetone	10	µg/L	U	T
MW-01S	5/5/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-01S	5/5/2000	Aluminium	1400	µg/L		T
MW-01S	5/5/2000	Antimony	4.4	µg/L	U	T
MW-01S	5/5/2000	Arsenic	4.5	µg/L	U	T
MW-01S	5/5/2000	Barium	96	µg/L		T
MW-01S	5/5/2000	Benzene	10	µg/L	U	T
MW-01S	5/5/2000	Beryllium	0.82	µg/L		T
MW-01S	5/5/2000	Bis(2-ethylhexyl) phthalate	22	µg/L	U	T
MW-01S	5/5/2000	Cadmium	0.3	µg/L	U	T
MW-01S	5/5/2000	Calcium	14000	µg/L		T
MW-01S	5/5/2000	Caprolactam	10	µg/L	U	T
MW-01S	5/5/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-01S	5/5/2000	Chloroform	10	µg/L	U	T
MW-01S	5/5/2000	Chromium (III+VI)	8	µg/L		T
MW-01S	5/5/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-01S	5/5/2000	Cobalt	3.1	µg/L		T
MW-01S	5/5/2000	Copper	45	µg/L		T
MW-01S	5/5/2000	Cyanide Total	10	µg/L	U	T
MW-01S	5/5/2000	Cyclohexane	10	µg/L	U	T
MW-01S	5/5/2000	Dieldrin	0.1	µg/L	U	T
MW-01S	5/5/2000	Dissolved Oxygen	9.13	mg/L		T
MW-01S	5/5/2000	Electrical conductivity *(lab)	0.167	umhos/cm		T
MW-01S	5/5/2000	Endrin ketone	0.1	µg/L	U	T
MW-01S	5/5/2000	Ethylbenzene	10	µg/L	U	T
MW-01S	5/5/2000	Ferrous Iron	0.92	mg/L		T
MW-01S	5/5/2000	gamma-Chlordane	0.011	µg/L		T
MW-01S	5/5/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-01S	5/5/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-01S	5/5/2000	Hexadecanoic Acid	5	µg/L		T
MW-01S	5/5/2000	Iron	2200	µg/L		T
MW-01S	5/5/2000	Lead	6.2	µg/L		T
MW-01S	5/5/2000	Magnesium	5800	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01S	5/5/2000	Manganese	300	µg/L		T
MW-01S	5/5/2000	Mercury	0.1	µg/L	U	T
MW-01S	5/5/2000	Methyl acetate	10	µg/L	U	T
MW-01S	5/5/2000	Methylcyclohexane	10	µg/L	U	T
MW-01S	5/5/2000	Nickel	18	µg/L	U	T
MW-01S	5/5/2000	N-Tridecane	0.05	µg/L		T
MW-01S	5/5/2000	N-Tridecane	0.1	µg/L		T
MW-01S	5/5/2000	N-Tridecane	0.5	µg/L		T
MW-01S	5/5/2000	N-Tridecane	1	µg/L		T
MW-01S	5/5/2000	N-Tridecane	1.3	µg/L		T
MW-01S	5/5/2000	N-Tridecane	2	µg/L		T
MW-01S	5/5/2000	N-Tridecane	2.5	µg/L		T
MW-01S	5/5/2000	N-Tridecane	2.6	µg/L		T
MW-01S	5/5/2000	N-Tridecane	5	µg/L		T
MW-01S	5/5/2000	N-Tridecane	8	µg/L		T
MW-01S	5/5/2000	N-Tridecane	10	µg/L		T
MW-01S	5/5/2000	N-Tridecane	25	µg/L		T
MW-01S	5/5/2000	N-Tridecane	520	µg/L		T
MW-01S	5/5/2000	ORP	166	millivolts		T
MW-01S	5/5/2000	pH	5.37	pH Units		T
MW-01S	5/5/2000	pH	5.37	SU		T
MW-01S	5/5/2000	Phenol	10	µg/L	U	T
MW-01S	5/5/2000	Potassium	3100	µg/L		T
MW-01S	5/5/2000	Selenium	4.3	µg/L		T
MW-01S	5/5/2000	Silver	4.1	µg/L	U	T
MW-01S	5/5/2000	Sodium	17000	µg/L		T
MW-01S	5/5/2000	Specific Conductance	167	umhos/cm		T
MW-01S	5/5/2000	Temp	21.8	degree C		T
MW-01S	5/5/2000	Tetrachloroethene	10	µg/L	U	T
MW-01S	5/5/2000	Thallium	5.9	µg/L	U	T
MW-01S	5/5/2000	Toluene	10	µg/L		T
MW-01S	5/5/2000	Trichloroethene	10	µg/L	U	T
MW-01S	5/5/2000	Turbidity	2.2	NTU		T
MW-01S	5/5/2000	Unknown Compound	95	µg/L		T
MW-01S	5/5/2000	Vanadium	4.1	µg/L		T
MW-01S	5/5/2000	Xylene Total	10	µg/L	U	T
MW-01S	5/5/2000	Zinc	82	µg/L		T
MW-01S	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-01S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-01S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-01S	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-01S	1/1/2001	Aluminium	9100	µg/L		T
MW-01S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-01S	1/1/2001	Barium	190	µg/L		T
MW-01S	1/1/2001	Benzene	10	µg/L	U	T
MW-01S	1/1/2001	Bis(2-ethylhexyl) phthalate	17	µg/L		T
MW-01S	1/1/2001	Cadmium	0.06	µg/L	U	T
MW-01S	1/1/2001	Calcium	13000	µg/L		T
MW-01S	1/1/2001	Caprolactam	10	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01S	1/1/2001	Chloroform	8	µg/L		T
MW-01S	1/1/2001	Chromium (III+VI)	31	µg/L		T
MW-01S	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-01S	1/1/2001	Cobalt	1.2	µg/L		T
MW-01S	1/1/2001	Copper	13	µg/L	U	T
MW-01S	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-01S	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-01S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-01S	1/1/2001	Endrin	0.01	µg/L	U	T
MW-01S	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-01S	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-01S	1/1/2001	Iron	9400	µg/L		T
MW-01S	1/1/2001	Lead	7.9	µg/L		T
MW-01S	1/1/2001	Magnesium	6900	µg/L		T
MW-01S	1/1/2001	Manganese	120	µg/L		T
MW-01S	1/1/2001	Mercury	0.17	µg/L	U	T
MW-01S	1/1/2001	Nickel	22	µg/L		T
MW-01S	1/1/2001	Potassium	5000	µg/L		T
MW-01S	1/1/2001	Sodium	18000	µg/L		T
MW-01S	1/1/2001	Tetrachloroethene	6	µg/L		T
MW-01S	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-01S	1/1/2001	Vanadium	9.2	µg/L		T
MW-01S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-01S	1/1/2001	Zinc	32	µg/L		T
MW-01S	1/20/2001	Dissolved Oxygen	4.38	mg/l		T
MW-01S	1/20/2001	Electrical conductivity *(lab)	207	umhos/cm		T
MW-01S	1/20/2001	Ferrous Iron	0.5	mg/l	U	T
MW-01S	1/20/2001	ORP	262	millivolts		T
MW-01S	1/20/2001	pH	4.95	SU		T
MW-01S	1/20/2001	Temp	22	degree C		T
MW-01S	1/20/2001	Turbidity	1	NTU		T
MW-01S	5/19/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-01S	5/19/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-01S	5/19/2009	1,1-Dichloroethene	0.049	µg/L		T
MW-01S	5/19/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-01S	5/19/2009	1,2-Dichloroethene	0.06	µg/L		T
MW-01S	5/19/2009	Aluminium	10.7	µg/L		T
MW-01S	5/19/2009	Arsenic	0.14	µg/L		T
MW-01S	5/19/2009	Barium	63	µg/L		T
MW-01S	5/19/2009	Benzene	0.016	µg/L		T
MW-01S	5/19/2009	Beryllium	0.2	µg/L	U	T
MW-01S	5/19/2009	Cadmium	0.071	µg/L		T
MW-01S	5/19/2009	Calcium	11.8	µg/L		T
MW-01S	5/19/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-01S	5/19/2009	Chloroform	37.3	µg/L		T
MW-01S	5/19/2009	Chromium (III+VI)	6.1	µg/L		T
MW-01S	5/19/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-01S	5/19/2009	Cobalt	0.122	µg/L		T
MW-01S	5/19/2009	Copper	2.2	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01S	5/19/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-01S	5/19/2009	Dissolved Oxygen	5	mg/L		T
MW-01S	5/19/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-01S	5/19/2009	Ethyl ether	0.12	µg/L		T
MW-01S	5/19/2009	Ferrous Iron	0.01	mg/L		T
MW-01S	5/19/2009	Iron	22.2	µg/L		T
MW-01S	5/19/2009	Lead	0.157	µg/L		T
MW-01S	5/19/2009	Lithium	1.21	µg/L		T
MW-01S	5/19/2009	Magnesium	5.33	µg/L		T
MW-01S	5/19/2009	Manganese	6.67	µg/L		T
MW-01S	5/19/2009	Mercury	0.009	µg/L		T
MW-01S	5/19/2009	Methylene chloride	0.04	µg/L	U	T
MW-01S	5/19/2009	Molybdenum	0.112	µg/L		T
MW-01S	5/19/2009	MTBE	0.15	µg/L		T
MW-01S	5/19/2009	Nickel	9.5	µg/L		T
MW-01S	5/19/2009	Nitrate (as N)	3.2	mg/L		T
MW-01S	5/19/2009	pH	7.3	pH units		T
MW-01S	5/19/2009	Potassium	4.21	µg/L		T
MW-01S	5/19/2009	Selenium	2.07	µg/L		T
MW-01S	5/19/2009	Silver	0.06	µg/L	U	T
MW-01S	5/19/2009	Sodium	21	µg/L		T
MW-01S	5/19/2009	Specific Conductance	266	uS/cm		T
MW-01S	5/19/2009	Strontium	98.8	µg/L		T
MW-01S	5/19/2009	Sulfide	0	mg/L	U	T
MW-01S	5/19/2009	Sulphate	7	mg/L		T
MW-01S	5/19/2009	Temp	22.3	degree C		T
MW-01S	5/19/2009	Tetrachloroethene	5.28	µg/L		T
MW-01S	5/19/2009	Toluene	0.018	µg/L		T
MW-01S	5/19/2009	trans-1,2-Dichloroethene	0.018	µg/L		T
MW-01S	5/19/2009	Trichloroethene	0.061	µg/L		T
MW-01S	5/19/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-01S	5/19/2009	Turbidity	0.43	NTU		T
MW-01S	5/19/2009	Vinyl chloride	0.08	µg/L		T
MW-01S	5/19/2009	Zinc	4.5	µg/L		T
MW-01S	5/11/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-01S	5/11/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-01S	5/11/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-01S	5/11/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-01S	5/11/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	1,2-Dichloroethene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01S	5/11/2010	1,2-Dichloropropane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-01S	5/11/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-01S	5/11/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-01S	5/11/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-01S	5/11/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-01S	5/11/2010	Acetone	4	µg/L	U	T
MW-01S	5/11/2010	Aluminium	1700	µg/L		T
MW-01S	5/11/2010	Antimony	2	µg/L	U	T
MW-01S	5/11/2010	Arsenic	0.66	µg/L		T
MW-01S	5/11/2010	Barium	98	µg/L		T
MW-01S	5/11/2010	Benzene	0.5	µg/L	U	T
MW-01S	5/11/2010	Beryllium	0.44	µg/L		T
MW-01S	5/11/2010	Bromobenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	Bromochloromethane	0.5	µg/L	U	T
MW-01S	5/11/2010	Bromoform	1	µg/L	U	T
MW-01S	5/11/2010	Bromomethane	2	µg/L	U	T
MW-01S	5/11/2010	Cadmium	4.1	µg/L		T
MW-01S	5/11/2010	Calcium	10000	µg/L		T
MW-01S	5/11/2010	Carbon disulfide	0.5	µg/L	U	T
MW-01S	5/11/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-01S	5/11/2010	Chlorobenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-01S	5/11/2010	Chloroethane	0.5	µg/L	U	T
MW-01S	5/11/2010	Chloroform	23	µg/L		T
MW-01S	5/11/2010	Chloromethane	0.5	µg/L	U	T
MW-01S	5/11/2010	Chromium (III+VI)	440	µg/L		T
MW-01S	5/11/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-01S	5/11/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-01S	5/11/2010	Cobalt	1	µg/L	U	T
MW-01S	5/11/2010	Copper	13	µg/L		T
MW-01S	5/11/2010	Cyclohexane	0.5	µg/L	U	T
MW-01S	5/11/2010	Dibromomethane	0.5	µg/L	U	T
MW-01S	5/11/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-01S	5/11/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-01S	5/11/2010	Ethylbenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-01S	5/11/2010	Iron	2400	µg/L		T
MW-01S	5/11/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	Lead	2	µg/L		T
MW-01S	5/11/2010	Magnesium	5600	µg/L		T
MW-01S	5/11/2010	Manganese	34	µg/L		T
MW-01S	5/11/2010	Methyl acetate	1	µg/L	U	T
MW-01S	5/11/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-01S	5/11/2010	Methylbenzanthracene	1	µg/L	U	T
MW-01S	5/11/2010	Methylcyclohexane	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01S	5/11/2010	Methylene chloride	0.5	µg/L	U	T
MW-01S	5/11/2010	M-P-XYLENE	1	µg/L	U	T
MW-01S	5/11/2010	MTBE	0.13	µg/L		T
MW-01S	5/11/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	Nickel	8.4	µg/L		T
MW-01S	5/11/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-01S	5/11/2010	Potassium	3600	µg/L		T
MW-01S	5/11/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	Selenium	2.7	µg/L		T
MW-01S	5/11/2010	Silver	1	µg/L	U	T
MW-01S	5/11/2010	Sodium	23000	µg/L		T
MW-01S	5/11/2010	Styrene	0.5	µg/L	U	T
MW-01S	5/11/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-01S	5/11/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-01S	5/11/2010	Tetrachloroethene	0.26	µg/L		T
MW-01S	5/11/2010	Thallium	1	µg/L	U	T
MW-01S	5/11/2010	Toluene	0.5	µg/L	U	T
MW-01S	5/11/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-01S	5/11/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-01S	5/11/2010	Trichloroethene	0.5	µg/L	U	T
MW-01S	5/11/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-01S	5/11/2010	Vanadium	5	µg/L	U	T
MW-01S	5/11/2010	Vinyl chloride	0.5	µg/L	U	T
MW-01S	5/11/2010	Xylene (o)	0.5	µg/L	U	T
MW-01S	5/11/2010	Xylene Total	0.5	µg/L	U	T
MW-01S	5/11/2010	Zinc	29	µg/L		T
MW-01S	5/19/2010	Dichlorodifluoromethane	51.6	µg/L		
MW-01S	5/19/2010	Dichlorodifluoromethane	66.9	µg/L		
MW-01S	5/19/2010	Dichlorodifluoromethane	68.8	µg/L		
MW-01S	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.241	µg/L		
MW-01S	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.253	µg/L		
MW-01S	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.258	µg/L		
MW-01S	5/19/2010	Trichlorofluoromethane	7	µg/L		
MW-01S	5/19/2010	Trichlorofluoromethane	7.13	µg/L		
MW-01S	5/19/2010	Trichlorofluoromethane	7.23	µg/L		
MW-01S	10/25/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-01S	10/25/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-01S	10/25/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-01S	10/25/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-01S	10/25/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-01S	10/25/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-01S	10/25/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-01S	10/25/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-01S	10/25/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-01S	10/25/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-01S	10/25/2011	1,2-Dibromoethane	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01S	10/25/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-01S	10/25/2011	1,2-dichloropropane	0.5	µg/L	U	T
MW-01S	10/25/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-01S	10/25/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-01S	10/25/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-01S	10/25/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-01S	10/25/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-01S	10/25/2011	Acetone	0.5	µg/L	U	T
MW-01S	10/25/2011	Aluminium	13000	µg/L		T
MW-01S	10/25/2011	Antimony	1	µg/L	U	T
MW-01S	10/25/2011	Arsenic	1.6	µg/L		T
MW-01S	10/25/2011	Barium	160	µg/L		T
MW-01S	10/25/2011	Benzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Beryllium	3	µg/L	U	T
MW-01S	10/25/2011	Bromobenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Bromochloromethane	0.5	µg/L	U	T
MW-01S	10/25/2011	Bromoform	1	µg/L	U	T
MW-01S	10/25/2011	Bromomethane	2	µg/L	U	T
MW-01S	10/25/2011	Cadmium	14	µg/L		T
MW-01S	10/25/2011	Calcium	13000	µg/L		T
MW-01S	10/25/2011	Carbon disulfide	0.5	µg/L	U	T
MW-01S	10/25/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-01S	10/25/2011	Chlorobenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-01S	10/25/2011	Chloroethane	2	µg/L	U	T
MW-01S	10/25/2011	Chloroform	14	µg/L		T
MW-01S	10/25/2011	Chloromethane	0.5	µg/L	U	T
MW-01S	10/25/2011	Chromium (III+VI)	920	µg/L		T
MW-01S	10/25/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-01S	10/25/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-01S	10/25/2011	Cobalt	5	µg/L	U	T
MW-01S	10/25/2011	Copper	35	µg/L		T
MW-01S	10/25/2011	Cyclohexane	0.5	µg/L	U	T
MW-01S	10/25/2011	Dibromomethane	0.5	µg/L	U	T
MW-01S	10/25/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-01S	10/25/2011	Dissolved Oxygen	5.21	mg/l		T
MW-01S	10/25/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-01S	10/25/2011	Ethylbenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-01S	10/25/2011	Iron	12000	µg/L		T
MW-01S	10/25/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Lead	6.8	µg/L		T
MW-01S	10/25/2011	M AND P XYLENES	1	µg/L	U	T
MW-01S	10/25/2011	Magnesium	8600	µg/L		T
MW-01S	10/25/2011	Manganese	88	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-01S	10/25/2011	Mercury	0.24	µg/L		T
MW-01S	10/25/2011	Methyl acetate	1	µg/L	U	T
MW-01S	10/25/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-01S	10/25/2011	Methylbenzanthracene	1	µg/L	U	T
MW-01S	10/25/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-01S	10/25/2011	Methylene chloride	0.5	µg/L	U	T
MW-01S	10/25/2011	Molybdenum	16	µg/L		T
MW-01S	10/25/2011	MTBE	0.5	µg/L	U	T
MW-01S	10/25/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Nickel	22	µg/L		T
MW-01S	10/25/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Oxidation-Reduction Potential	258.9	mV		T
MW-01S	10/25/2011	pH	5.08	pH Units		T
MW-01S	10/25/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-01S	10/25/2011	Potassium	5700	µg/L		T
MW-01S	10/25/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Selenium	2.1	µg/L		T
MW-01S	10/25/2011	Silver	5	µg/L	U	T
MW-01S	10/25/2011	Sodium	19000	µg/L		T
MW-01S	10/25/2011	Specific Conductance	235.1	umhos/cm		T
MW-01S	10/25/2011	Strontium	120	µg/L		T
MW-01S	10/25/2011	Styrene	0.5	µg/L	U	T
MW-01S	10/25/2011	Temp	22.8	°C		T
MW-01S	10/25/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-01S	10/25/2011	Tetrachloroethene	1.5	µg/L		T
MW-01S	10/25/2011	Thallium	1	µg/L	U	T
MW-01S	10/25/2011	Tin	15	µg/L	U	T
MW-01S	10/25/2011	Titanium	150	µg/L		T
MW-01S	10/25/2011	Toluene	0.5	µg/L	U	T
MW-01S	10/25/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-01S	10/25/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-01S	10/25/2011	Trichloroethene	0.5	µg/L	U	T
MW-01S	10/25/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-01S	10/25/2011	Turbidity	1.16	NTU		T
MW-01S	10/25/2011	Vanadium	16	µg/L		T
MW-01S	10/25/2011	Vinyl chloride	0.5	µg/L	U	T
MW-01S	10/25/2011	Xylene (o)	0.5	µg/L	U	T
MW-01S	10/25/2011	Xylene Total	0.5	µg/L	U	T
MW-01S	10/25/2011	Yttrium	18	µg/L		T
MW-01S	10/25/2011	Zinc	80	µg/L		T
MW-01S	7/12/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-01S	7/12/2016	Tetrachloroethene	1.56	µg/L		
MW-01S	7/12/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-01S	7/12/2016	Trichloroethene	0.398	µg/L	U	
MW-01S	7/12/2016	Vinyl Chloride	0.259	µg/L	U	
MW-02S	12/6/1993	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
MW-02S	12/6/1993	1,1,1-Trichloroethane	5	µg/L	U	T
MW-02S	12/6/1993	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-02S	12/6/1993	1,1,2-Trichloroethane	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	12/6/1993	1,1-Dichloroethane	5	µg/L	U	T
MW-02S	12/6/1993	1,1-Dichloroethene	5	µg/L	U	T
MW-02S	12/6/1993	1,1-Dichloropropene	5	µg/L	U	T
MW-02S	12/6/1993	1,2,3-Trichlorobenzene	5	µg/L	U	T
MW-02S	12/6/1993	1,2,3-Trichloropropane	5	µg/L	U	T
MW-02S	12/6/1993	1,2,4-Trichlorobenzene	5	µg/L	U	T
MW-02S	12/6/1993	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
MW-02S	12/6/1993	1,2-Dichloroethene	5	µg/L	U	T
MW-02S	12/6/1993	1,2-dichloropropane	0.5	µg/L	U	T
MW-02S	12/6/1993	1,2-Dichloropropane	5	µg/L	U	T
MW-02S	12/6/1993	1,3,5-Trimethylbenzene	5	µg/L	U	T
MW-02S	12/6/1993	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	1,3-Dichloropropane	5	µg/L	U	T
MW-02S	12/6/1993	1,3-Dichloropropene	5	µg/L	U	T
MW-02S	12/6/1993	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	2,2-Dichloropropane	5	µg/L	U	T
MW-02S	12/6/1993	2-Chlorotoluene	0.5	µg/L	U	T
MW-02S	12/6/1993	4-Chlorotoluene	0.5	µg/L	U	T
MW-02S	12/6/1993	Benzene	0.5	µg/L	U	T
MW-02S	12/6/1993	Bromobenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	Bromochloromethane	0.5	µg/L	U	T
MW-02S	12/6/1993	Bromoform	0.5	µg/L	U	T
MW-02S	12/6/1993	Bromomethane	0.5	µg/L	U	T
MW-02S	12/6/1993	Carbon tetrachloride	0.5	µg/L	U	T
MW-02S	12/6/1993	Chlorobenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	Chlorodibromomethane	0.5	µg/L	U	T
MW-02S	12/6/1993	Chloroethane	0.5	µg/L	U	T
MW-02S	12/6/1993	Chloroform	0.5	µg/L	U	T
MW-02S	12/6/1993	Chloromethane	0.5	µg/L	U	T
MW-02S	12/6/1993	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	12/6/1993	Dibromomethane	0.5	µg/L	U	T
MW-02S	12/6/1993	Dichlorofluoromethane	0.5	µg/L	U	T
MW-02S	12/6/1993	Ethylbenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	Fluorotrimethyl Silane	0.5	µg/L	U	T
MW-02S	12/6/1993	Hexachlorobutadiene	0.5	µg/L	U	T
MW-02S	12/6/1993	Isopropylbenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	m&p-Xylene	0.5	µg/L	U	T
MW-02S	12/6/1993	Methylene chloride	0.5	µg/L	U	T
MW-02S	12/6/1993	Naphthalene	0.5	µg/L	U	T
MW-02S	12/6/1993	n-Butylbenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	n-Propylbenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	Odor	0.5	µg/L	U	T
MW-02S	12/6/1993	p-Isopropyltoluene	0.5	µg/L	U	T
MW-02S	12/6/1993	sec-Butylbenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	Styrene	0.5	µg/L	U	T
MW-02S	12/6/1993	tert-Butylbenzene	0.5	µg/L	U	T
MW-02S	12/6/1993	Tetrachloroethene	61.7	µg/L		T
MW-02S	12/6/1993	Toluene	0.5	µg/L	U	T
MW-02S	12/6/1993	Trichloroethene	0.5	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	12/6/1993	Vinyl chloride	0.5	µg/L	U	T
MW-02S	12/6/1993	Xylene (o)	0.5	µg/L	U	T
MW-02S	12/6/1993	Xylene Total	0.5	µg/L	U	T
MW-02S	3/4/1994	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
MW-02S	3/4/1994	1,1,1-Trichloroethane	5	µg/L	U	T
MW-02S	3/4/1994	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-02S	3/4/1994	1,1,2-Trichloroethane	5	µg/L	U	T
MW-02S	3/4/1994	1,1-Dichloroethane	5	µg/L	U	T
MW-02S	3/4/1994	1,1-Dichloroethene	5	µg/L	U	T
MW-02S	3/4/1994	1,1-Dichloropropene	5	µg/L	U	T
MW-02S	3/4/1994	1,2,3-Trichlorobenzene	5	µg/L	U	T
MW-02S	3/4/1994	1,2,3-Trichloropropane	5	µg/L	U	T
MW-02S	3/4/1994	1,2,4-Trichlorobenzene	5	µg/L	U	T
MW-02S	3/4/1994	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
MW-02S	3/4/1994	1,2-Dichloroethene	5	µg/L	U	T
MW-02S	3/4/1994	1,2-Dichloropropane	5	µg/L	U	T
MW-02S	3/4/1994	1,3,5-Trimethylbenzene	5	µg/L	U	T
MW-02S	3/4/1994	1,3-Dichlorobenzene	5	µg/L	U	T
MW-02S	3/4/1994	1,3-Dichloropropane	5	µg/L	U	T
MW-02S	3/4/1994	1,3-Dichloropropene	5	µg/L	U	T
MW-02S	3/4/1994	1,4-Dichlorobenzene	5	µg/L	U	T
MW-02S	3/4/1994	2,2-Dichloropropane	5	µg/L	U	T
MW-02S	3/4/1994	2-Chlorotoluene	5	µg/L	U	T
MW-02S	3/4/1994	4-Chlorotoluene	5	µg/L	U	T
MW-02S	3/4/1994	Benzene	5	µg/L	U	T
MW-02S	3/4/1994	Bromobenzene	5	µg/L	U	T
MW-02S	3/4/1994	Bromochloromethane	5	µg/L	U	T
MW-02S	3/4/1994	Bromoform	5	µg/L	U	T
MW-02S	3/4/1994	Bromomethane	5	µg/L	U	T
MW-02S	3/4/1994	Carbon tetrachloride	5	µg/L	U	T
MW-02S	3/4/1994	Chlorobenzene	5	µg/L	U	T
MW-02S	3/4/1994	Chlorodibromomethane	5	µg/L	U	T
MW-02S	3/4/1994	Chloroethane	5	µg/L	U	T
MW-02S	3/4/1994	Chloroform	5	µg/L	U	T
MW-02S	3/4/1994	Chloromethane	5	µg/L	U	T
MW-02S	3/4/1994	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-02S	3/4/1994	Dibromomethane	5	µg/L	U	T
MW-02S	3/4/1994	Dichlorofluoromethane	5	µg/L	U	T
MW-02S	3/4/1994	Ethylbenzene	5	µg/L	U	T
MW-02S	3/4/1994	Fluorotrimethyl Silane	5	µg/L	U	T
MW-02S	3/4/1994	Hexachlorobutadiene	5	µg/L	U	T
MW-02S	3/4/1994	Isopropylbenzene	5	µg/L	U	T
MW-02S	3/4/1994	m&p-Xylene	5	µg/L	U	T
MW-02S	3/4/1994	Methylene chloride	5	µg/L	U	T
MW-02S	3/4/1994	Naphthalene	5	µg/L	U	T
MW-02S	3/4/1994	n-Butylbenzene	5	µg/L	U	T
MW-02S	3/4/1994	n-Propylbenzene	5	µg/L	U	T
MW-02S	3/4/1994	Odor	5	µg/L	U	T
MW-02S	3/4/1994	p-Isopropyltoluene	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	3/4/1994	sec-Butylbenzene	5	µg/L	U	T
MW-02S	3/4/1994	Styrene	5	µg/L	U	T
MW-02S	3/4/1994	tert-Butylbenzene	5	µg/L	U	T
MW-02S	3/4/1994	Tetrachloroethene	86	µg/L		T
MW-02S	3/4/1994	Tetrachloroethene	93	µg/L		T
MW-02S	3/4/1994	Toluene	5	µg/L	U	T
MW-02S	3/4/1994	Trichloroethene	5	µg/L	U	T
MW-02S	3/4/1994	Vinyl chloride	5	µg/L	U	T
MW-02S	3/4/1994	Xylene (o)	5	µg/L	U	T
MW-02S	3/4/1994	Xylene Total	5	µg/L	U	T
MW-02S	6/13/1994	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-02S	6/13/1994	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-02S	6/13/1994	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-02S	6/13/1994	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-02S	6/13/1994	1,1-Dichloroethane	0.5	µg/L	U	T
MW-02S	6/13/1994	1,1-Dichloroethene	2.8	µg/L		T
MW-02S	6/13/1994	1,1-Dichloropropene	0.5	µg/L	U	T
MW-02S	6/13/1994	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-02S	6/13/1994	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-02S	6/13/1994	1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	6/13/1994	1,2-Dichloropropane	0.5	µg/L	U	T
MW-02S	6/13/1994	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	1,3-Dichloropropane	0.5	µg/L	U	T
MW-02S	6/13/1994	1,3-Dichloropropene	0.5	µg/L	U	T
MW-02S	6/13/1994	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	2,2-Dichloropropane	0.5	µg/L	U	T
MW-02S	6/13/1994	2-Chlorotoluene	0.5	µg/L	U	T
MW-02S	6/13/1994	4-Chlorotoluene	0.5	µg/L	U	T
MW-02S	6/13/1994	Benzene	0.5	µg/L	U	T
MW-02S	6/13/1994	Bromobenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	Bromochloromethane	0.5	µg/L	U	T
MW-02S	6/13/1994	Bromoform	0.5	µg/L	U	T
MW-02S	6/13/1994	Bromomethane	0.5	µg/L	U	T
MW-02S	6/13/1994	Carbon tetrachloride	0.5	µg/L	U	T
MW-02S	6/13/1994	Chlorobenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	Chlorodibromomethane	0.5	µg/L	U	T
MW-02S	6/13/1994	Chloroethane	0.5	µg/L	U	T
MW-02S	6/13/1994	Chloroform	0.5	µg/L	U	T
MW-02S	6/13/1994	Chloromethane	0.5	µg/L	U	T
MW-02S	6/13/1994	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	6/13/1994	Dibromomethane	0.5	µg/L	U	T
MW-02S	6/13/1994	Dichlorofluoromethane	0.5	µg/L	U	T
MW-02S	6/13/1994	Ethylbenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	Fluorotrimethyl Silane	0.5	µg/L	U	T
MW-02S	6/13/1994	Hexachlorobutadiene	0.5	µg/L	U	T
MW-02S	6/13/1994	Isopropylbenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	6/13/1994	m&p-Xylene	0.5	µg/L	U	T
MW-02S	6/13/1994	Methylene chloride	0.5	µg/L	U	T
MW-02S	6/13/1994	Naphthalene	0.5	µg/L	U	T
MW-02S	6/13/1994	n-Butylbenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	n-Propylbenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	Odor	0.5	µg/L	U	T
MW-02S	6/13/1994	p-Isopropyltoluene	0.5	µg/L	U	T
MW-02S	6/13/1994	sec-Butylbenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	Styrene	0.5	µg/L	U	T
MW-02S	6/13/1994	tert-Butylbenzene	0.5	µg/L	U	T
MW-02S	6/13/1994	Tetrachloroethene	113	µg/L		T
MW-02S	6/13/1994	Toluene	0.5	µg/L	U	T
MW-02S	6/13/1994	Trichloroethene	0.6	µg/L		T
MW-02S	6/13/1994	Vinyl chloride	0.5	µg/L	U	T
MW-02S	6/13/1994	Xylene (o)	0.5	µg/L	U	T
MW-02S	6/13/1994	Xylene Total	0.5	µg/L	U	T
MW-02S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	9.4	mg/L		T
MW-02S	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-02S	1/1/2000	Chloride	13	mg/L		T
MW-02S	1/1/2000	Dissolved organic carbon	2.7	mg/L		T
MW-02S	1/1/2000	Ethane	2.5	µg/L	U	T
MW-02S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-02S	1/1/2000	Methane	1.3	µg/L	U	T
MW-02S	1/1/2000	Nitrate (as N)	7.5	mg/L		T
MW-02S	1/1/2000	Sulphate	43	mg/L		T
MW-02S	1/1/2000	TOC	3.4	mg/L		T
MW-02S	5/1/2000	Chloride	13	mg/L		T
MW-02S	5/1/2000	Dissolved Oxygen	9.92	mg/L		T
MW-02S	5/1/2000	Ferrous Iron	0.77	mg/L		T
MW-02S	5/1/2000	Nitrate (as N)	7.5	mg/L		T
MW-02S	5/1/2000	ORP	200	mV		T
MW-02S	5/1/2000	Sulfallate	43	mg/L		T
MW-02S	5/4/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-02S	5/4/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-02S	5/4/2000	4,4-Butylidenebis[2]phenol	2	µg/L		T
MW-02S	5/4/2000	Acetone	10	µg/L	U	T
MW-02S	5/4/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-02S	5/4/2000	Aluminium	2200	µg/L		T
MW-02S	5/4/2000	Antimony	2.6	µg/L	U	T
MW-02S	5/4/2000	Arsenic	1.9	µg/L	U	T
MW-02S	5/4/2000	Barium	80	µg/L		T
MW-02S	5/4/2000	Benzene	10	µg/L	U	T
MW-02S	5/4/2000	Beryllium	0.4	µg/L		T
MW-02S	5/4/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-02S	5/4/2000	Cadmium	0.3	µg/L	U	T
MW-02S	5/4/2000	Calcium	11000	µg/L		T
MW-02S	5/4/2000	Caprolactam	2	µg/L		T
MW-02S	5/4/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-02S	5/4/2000	Chloroform	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	5/4/2000	Chromium (III+VI)	7.1	µg/L	U	T
MW-02S	5/4/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-02S	5/4/2000	Cobalt	1	µg/L	U	T
MW-02S	5/4/2000	Copper	4	µg/L	U	T
MW-02S	5/4/2000	Cyanide Total	10	µg/L	U	T
MW-02S	5/4/2000	Cyclohexane	10	µg/L	U	T
MW-02S	5/4/2000	Dieldrin	0.1	µg/L	U	T
MW-02S	5/4/2000	Dissolved Oxygen	9.92	mg/l		T
MW-02S	5/4/2000	Electrical conductivity *(lab)	0.204	umhos/cm		T
MW-02S	5/4/2000	Endrin ketone	0.1	µg/L	U	T
MW-02S	5/4/2000	Ethylbenzene	10	µg/L	U	T
MW-02S	5/4/2000	Ferrous Iron	0.77	mg/l		T
MW-02S	5/4/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-02S	5/4/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-02S	5/4/2000	Heptachlor epoxide	0.27	µg/L		T
MW-02S	5/4/2000	Iron	2800	µg/L		T
MW-02S	5/4/2000	Lead	1.8	µg/L	U	T
MW-02S	5/4/2000	Magnesium	4900	µg/L		T
MW-02S	5/4/2000	Manganese	42	µg/L		T
MW-02S	5/4/2000	Mercury	0.23	µg/L		T
MW-02S	5/4/2000	Methyl acetate	10	µg/L	U	T
MW-02S	5/4/2000	Methylcyclohexane	10	µg/L	U	T
MW-02S	5/4/2000	Nickel	5.5	µg/L	U	T
MW-02S	5/4/2000	N-Tridecane	1.3	µg/L		T
MW-02S	5/4/2000	N-Tridecane	2	µg/L		T
MW-02S	5/4/2000	N-Tridecane	2.5	µg/L		T
MW-02S	5/4/2000	N-Tridecane	2.6	µg/L		T
MW-02S	5/4/2000	N-Tridecane	10	µg/L		T
MW-02S	5/4/2000	N-Tridecane	25	µg/L		T
MW-02S	5/4/2000	N-Tridecane	1300	µg/L		T
MW-02S	5/4/2000	ORP	200	millivolts		T
MW-02S	5/4/2000	pH	5.36	pH Units		T
MW-02S	5/4/2000	pH	5.36	SU		T
MW-02S	5/4/2000	Phenol	10	µg/L	U	T
MW-02S	5/4/2000	Potassium	7300	µg/L		T
MW-02S	5/4/2000	Selenium	2.3	µg/L		T
MW-02S	5/4/2000	Silver	0.7	µg/L	U	T
MW-02S	5/4/2000	Sodium	24000	µg/L		T
MW-02S	5/4/2000	Specific Conductance	204	umhos/cm		T
MW-02S	5/4/2000	Temp	23.4	degree C		T
MW-02S	5/4/2000	Tetrachloroethene	37	µg/L		T
MW-02S	5/4/2000	Thallium	3.5	µg/L	U	T
MW-02S	5/4/2000	Toluene	10	µg/L		T
MW-02S	5/4/2000	Trichloroethene	10	µg/L	U	T
MW-02S	5/4/2000	Turbidity	2	NTU		T
MW-02S	5/4/2000	Unknown Compound	1300	µg/L		T
MW-02S	5/4/2000	Vanadium	4.4	µg/L	U	T
MW-02S	5/4/2000	Xylene Total	10	µg/L	U	T
MW-02S	5/4/2000	Zinc	16	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-02S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-02S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-02S	1/1/2001	Aldrin + Dieldrin	0.033	µg/L		T
MW-02S	1/1/2001	Alkalinity (Bicarbonate as CaCO3)	8.7	mg/L		T
MW-02S	1/1/2001	Aluminium	11000	µg/L		T
MW-02S	1/1/2001	Ammonia	0.05	mg/L	U	T
MW-02S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-02S	1/1/2001	Barium	140	µg/L		T
MW-02S	1/1/2001	Benzene	10	µg/L	U	T
MW-02S	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-02S	1/1/2001	Cadmium	0.6	µg/L	U	T
MW-02S	1/1/2001	Calcium	13000	µg/L		T
MW-02S	1/1/2001	Caprolactam	10	µg/L	U	T
MW-02S	1/1/2001	Chloride	13	mg/L		T
MW-02S	1/1/2001	Chloroform	10	µg/L	U	T
MW-02S	1/1/2001	Chromium (III+VI)	19	µg/L		T
MW-02S	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-02S	1/1/2001	Cobalt	1.9	µg/L		T
MW-02S	1/1/2001	Copper	5	µg/L		T
MW-02S	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-02S	1/1/2001	Dieldrin	0.033	µg/L		T
MW-02S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-02S	1/1/2001	Dissolved Oxygen	5.86	mg/l		T
MW-02S	1/1/2001	Endrin	0.1	µg/L	U	T
MW-02S	1/1/2001	Ethane	2.6	µg/L	U	T
MW-02S	1/1/2001	Ethene	2.6	µg/L	U	T
MW-02S	1/1/2001	Ferrous Iron	0	mg/l	U	T
MW-02S	1/1/2001	gamma-Chlordane	0.009	µg/L		T
MW-02S	1/1/2001	Heptachlor epoxide	0.0353	µg/L		T
MW-02S	1/1/2001	Iron	14000	µg/L		T
MW-02S	1/1/2001	Laboratory artifacts/#	13	µg/L		T
MW-02S	1/1/2001	Lead	6	µg/L		T
MW-02S	1/1/2001	Magnesium	6100	µg/L		T
MW-02S	1/1/2001	Manganese	180	µg/L		T
MW-02S	1/1/2001	Mercury	0.94	µg/L		T
MW-02S	1/1/2001	Methane	1.4	µg/L	U	T
MW-02S	1/1/2001	Nickel	9.1	µg/L		T
MW-02S	1/1/2001	Nitrate (as N)	7.2	mg/L		T
MW-02S	1/1/2001	ORP	260	mV		T
MW-02S	1/1/2001	Potassium	4700	µg/L		T
MW-02S	1/1/2001	Sodium	21000	µg/L		T
MW-02S	1/1/2001	Sulfallate	44	mg/l		T
MW-02S	1/1/2001	Sulphate	44	mg/L		T
MW-02S	1/1/2001	Tetrachloroethene	44	µg/L		T
MW-02S	1/1/2001	TOC	4.6	mg/L		T
MW-02S	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-02S	1/1/2001	Unknown Compound	4	µg/L		T
MW-02S	1/1/2001	Vanadium	18	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-02S	1/1/2001	Zinc	30	µg/L		T
MW-02S	1/18/2001	Dissolved Oxygen	5.86	mg/l		T
MW-02S	1/18/2001	Electrical conductivity *(lab)	207	umhos/cm		T
MW-02S	1/18/2001	Ferrous Iron	0.5	mg/l	U	T
MW-02S	1/18/2001	ORP	260	millivolts		T
MW-02S	1/18/2001	pH	5.03	SU		T
MW-02S	1/18/2001	Temp	22.4	degree C		T
MW-02S	1/18/2001	Turbidity	2	NTU		T
MW-02S	5/13/2003	Benzene	1	µg/kg	U	T
MW-02S	5/13/2003	Ethylbenzene	1	µg/kg	U	T
MW-02S	5/13/2003	Tetrachloroethene	5	µg/kg	U	T
MW-02S	5/13/2003	Toluene	1	µg/kg	U	T
MW-02S	5/13/2003	Xylene Total	5	µg/kg	U	T
MW-02S	7/1/2007	Dissolved Oxygen	6.2	mg/L		T
MW-02S	7/1/2007	ORP	326	mV		T
MW-02S	7/25/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-02S	7/25/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-02S	7/25/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-02S	7/25/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-02S	7/25/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-02S	7/25/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-02S	7/25/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-02S	7/25/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-02S	7/25/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-02S	7/25/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-02S	7/25/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-02S	7/25/2007	Benzene	5	µg/L	U	T
MW-02S	7/25/2007	Bromobenzene	5	µg/L	U	T
MW-02S	7/25/2007	Bromoform	5	µg/L	U	T
MW-02S	7/25/2007	Bromomethane	5	µg/L	U	T
MW-02S	7/25/2007	Carbon tetrachloride	5	µg/L	U	T
MW-02S	7/25/2007	Chlorobenzene	5	µg/L	U	T
MW-02S	7/25/2007	Chlorodibromomethane	5	µg/L	U	T
MW-02S	7/25/2007	Chloroethane	5	µg/L	U	T
MW-02S	7/25/2007	Chloroform	5	µg/L	U	T
MW-02S	7/25/2007	Chloromethane	5	µg/L	U	T
MW-02S	7/25/2007	Chromium (III+VI)	5.3	µg/L		T
MW-02S	7/25/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-02S	7/25/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-02S	7/25/2007	Dissolved Oxygen	6.2	mg/l		T
MW-02S	7/25/2007	Ethylbenzene	5	µg/L	U	T
MW-02S	7/25/2007	Lead	5	µg/L	U	T
MW-02S	7/25/2007	Methylene chloride	5	µg/L	U	T
MW-02S	7/25/2007	ORP	326	mV		T
MW-02S	7/25/2007	Oxidation-Reduction Potential	326	mV		T
MW-02S	7/25/2007	pH	4.96	pH units		T
MW-02S	7/25/2007	Specific Conductance	0.215	S/m		T
MW-02S	7/25/2007	Temp	25.6	deg C		T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	7/25/2007	Tetrachloroethene	24	µg/L		T
MW-02S	7/25/2007	Thallium	10	µg/L	U	T
MW-02S	7/25/2007	Toluene	5	µg/L	U	T
MW-02S	7/25/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-02S	7/25/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-02S	7/25/2007	Trichloroethene	5	µg/L	U	T
MW-02S	7/25/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-02S	7/25/2007	Turbidity	50	NTU		T
MW-02S	7/25/2007	Vinyl chloride	5	µg/L	U	T
MW-02S	4/7/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-02S	4/7/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-02S	4/7/2009	1,1-Dichloroethene	0.09	µg/L		T
MW-02S	4/7/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-02S	4/7/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-02S	4/7/2009	Aluminium	32	µg/L		T
MW-02S	4/7/2009	Arsenic	0.2	µg/L	U	T
MW-02S	4/7/2009	Barium	69.4	µg/L		T
MW-02S	4/7/2009	Benzene	0.02	µg/L	U	T
MW-02S	4/7/2009	Beryllium	0.2	µg/L	U	T
MW-02S	4/7/2009	Cadmium	0.04	µg/L		T
MW-02S	4/7/2009	Calcium	10.5	µg/L		T
MW-02S	4/7/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-02S	4/7/2009	Chloroform	2.65	µg/L		T
MW-02S	4/7/2009	Chromium (III+VI)	3.5	µg/L		T
MW-02S	4/7/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-02S	4/7/2009	Cobalt	0.1	µg/L	U	T
MW-02S	4/7/2009	Copper	218	µg/L		T
MW-02S	4/7/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-02S	4/7/2009	Dissolved Oxygen	6.3	mg/L		T
MW-02S	4/7/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-02S	4/7/2009	Ethyl ether	0.1	µg/L	U	T
MW-02S	4/7/2009	Ferrous Iron	0.05	mg/L		T
MW-02S	4/7/2009	Iron	28	µg/L		T
MW-02S	4/7/2009	Lead	1.13	µg/L		T
MW-02S	4/7/2009	Lithium	1	µg/L		T
MW-02S	4/7/2009	Magnesium	4.13	µg/L		T
MW-02S	4/7/2009	Manganese	13	µg/L		T
MW-02S	4/7/2009	Mercury	0.011	µg/L		T
MW-02S	4/7/2009	Methylene chloride	0.04	µg/L	U	T
MW-02S	4/7/2009	Molybdenum	0.1	µg/L	U	T
MW-02S	4/7/2009	MTBE	0.1	µg/L	U	T
MW-02S	4/7/2009	Nickel	3	µg/L		T
MW-02S	4/7/2009	Nitrate (as N)	6.3	mg/L		T
MW-02S	4/7/2009	pH	5.2	pH units		T
MW-02S	4/7/2009	Potassium	3.5	µg/L		T
MW-02S	4/7/2009	Selenium	2.6	µg/L		T
MW-02S	4/7/2009	Silver	0.06	µg/L	U	T
MW-02S	4/7/2009	Sodium	18.9	µg/L		T
MW-02S	4/7/2009	Specific Conductance	212	uS/cm		T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	4/7/2009	Strontium	74.4	µg/L		T
MW-02S	4/7/2009	Sulfide	0	mg/L	U	T
MW-02S	4/7/2009	Sulphate	8	mg/L		T
MW-02S	4/7/2009	Temp	21.8	degree C		T
MW-02S	4/7/2009	Tetrachloroethene	25	µg/L		T
MW-02S	4/7/2009	Toluene	0.03	µg/L		T
MW-02S	4/7/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-02S	4/7/2009	Trichloroethene	0.1	µg/L		T
MW-02S	4/7/2009	Trichlorofluoromethane	0.06	µg/L		T
MW-02S	4/7/2009	Turbidity	0.8	NTU		T
MW-02S	4/7/2009	Vinyl chloride	0.1	µg/L	U	T
MW-02S	4/7/2009	Zinc	11	µg/L		T
MW-02S	5/11/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-02S	5/11/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-02S	5/11/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-02S	5/11/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-02S	5/11/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	5/11/2010	1,2-dichloropropane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-02S	5/11/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-02S	5/11/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-02S	5/11/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-02S	5/11/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-02S	5/11/2010	Acetone	4	µg/L	U	T
MW-02S	5/11/2010	Aluminium	1200	µg/L		T
MW-02S	5/11/2010	Antimony	2	µg/L	U	T
MW-02S	5/11/2010	Arsenic	0.57	µg/L		T
MW-02S	5/11/2010	Barium	52	µg/L		T
MW-02S	5/11/2010	Benzene	0.5	µg/L	U	T
MW-02S	5/11/2010	Beryllium	0.62	µg/L		T
MW-02S	5/11/2010	Bromobenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	Bromochloromethane	0.5	µg/L	U	T
MW-02S	5/11/2010	Bromoform	1	µg/L	U	T
MW-02S	5/11/2010	Bromomethane	2	µg/L	U	T
MW-02S	5/11/2010	Cadmium	0.071	µg/L		T
MW-02S	5/11/2010	Calcium	12000	µg/L		T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	5/11/2010	Carbon disulfide	0.5	µg/L	U	T
MW-02S	5/11/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-02S	5/11/2010	Chlorobenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-02S	5/11/2010	Chloroethane	0.5	µg/L	U	T
MW-02S	5/11/2010	Chloroform	0.71	µg/L		T
MW-02S	5/11/2010	Chloromethane	0.5	µg/L	U	T
MW-02S	5/11/2010	Chromium (III+VI)	7.1	µg/L		T
MW-02S	5/11/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	5/11/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-02S	5/11/2010	Cobalt	0.9	µg/L		T
MW-02S	5/11/2010	Copper	2.6	µg/L		T
MW-02S	5/11/2010	Cyclohexane	0.5	µg/L	U	T
MW-02S	5/11/2010	Dibromomethane	0.5	µg/L	U	T
MW-02S	5/11/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-02S	5/11/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-02S	5/11/2010	Ethylbenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-02S	5/11/2010	Iron	1300	µg/L		T
MW-02S	5/11/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	Lead	1.3	µg/L		T
MW-02S	5/11/2010	Magnesium	5100	µg/L		T
MW-02S	5/11/2010	Manganese	58	µg/L		T
MW-02S	5/11/2010	Methyl acetate	1	µg/L	U	T
MW-02S	5/11/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-02S	5/11/2010	Methylbenzanthracene	1	µg/L	U	T
MW-02S	5/11/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-02S	5/11/2010	Methylene chloride	0.5	µg/L	U	T
MW-02S	5/11/2010	M-P-XYLENE	1	µg/L	U	T
MW-02S	5/11/2010	MTBE	0.09	µg/L		T
MW-02S	5/11/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	Nickel	3.3	µg/L		T
MW-02S	5/11/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-02S	5/11/2010	Potassium	6600	µg/L		T
MW-02S	5/11/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	Selenium	4.5	µg/L		T
MW-02S	5/11/2010	Silver	1	µg/L	U	T
MW-02S	5/11/2010	Sodium	26000	µg/L		T
MW-02S	5/11/2010	Styrene	0.5	µg/L	U	T
MW-02S	5/11/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-02S	5/11/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-02S	5/11/2010	Tetrachloroethene	45	µg/L		T
MW-02S	5/11/2010	Thallium	1	µg/L	U	T
MW-02S	5/11/2010	Toluene	0.5	µg/L	U	T
MW-02S	5/11/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	5/11/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-02S	5/11/2010	Trichloroethene	0.17	µg/L		T
MW-02S	5/11/2010	Trichlorofluoromethane	0.5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	5/11/2010	Vanadium	3.9	µg/L		T
MW-02S	5/11/2010	Vinyl chloride	0.5	µg/L	U	T
MW-02S	5/11/2010	Xylene (o)	0.5	µg/L	U	T
MW-02S	5/11/2010	Xylene Total	0.5	µg/L	U	T
MW-02S	5/11/2010	Zinc	18	µg/L		T
MW-02S	5/24/2010	Dichlorodifluoromethane	7.85	µg/L		
MW-02S	5/24/2010	Dichlorodifluoromethane	8.19	µg/L		
MW-02S	5/24/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.153	µg/L		
MW-02S	5/24/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.158	µg/L		
MW-02S	5/24/2010	Trichlorofluoromethane	10.5	µg/L		
MW-02S	5/24/2010	Trichlorofluoromethane	10.6	µg/L		
MW-02S	10/26/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,1-Dichloroethene	0.17	µg/L		T
MW-02S	10/26/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-02S	10/26/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-02S	10/26/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-02S	10/26/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	10/26/2011	1,2-dichloropropane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-02S	10/26/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-02S	10/26/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-02S	10/26/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-02S	10/26/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-02S	10/26/2011	Acetone	4	µg/L	U	T
MW-02S	10/26/2011	Aluminium	3700	µg/L		T
MW-02S	10/26/2011	Antimony	1	µg/L	U	T
MW-02S	10/26/2011	Arsenic	3.9	µg/L		T
MW-02S	10/26/2011	Barium	210	µg/L		T
MW-02S	10/26/2011	Benzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Beryllium	3.3	µg/L		T
MW-02S	10/26/2011	Bromobenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Bromochloromethane	0.5	µg/L	U	T
MW-02S	10/26/2011	Bromoform	1	µg/L	U	T
MW-02S	10/26/2011	Bromomethane	2	µg/L	U	T
MW-02S	10/26/2011	Cadmium	0.5	µg/L	U	T
MW-02S	10/26/2011	Calcium	17000	µg/L		T
MW-02S	10/26/2011	Carbon disulfide	0.5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	10/26/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-02S	10/26/2011	Chlorobenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-02S	10/26/2011	Chloroethane	2	µg/L	U	T
MW-02S	10/26/2011	Chloroform	1.2	µg/L		T
MW-02S	10/26/2011	Chloromethane	0.5	µg/L	U	T
MW-02S	10/26/2011	Chromium (III+VI)	47	µg/L		T
MW-02S	10/26/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	10/26/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-02S	10/26/2011	Cobalt	6.4	µg/L		T
MW-02S	10/26/2011	Copper	11	µg/L		T
MW-02S	10/26/2011	Cyclohexane	0.5	µg/L	U	T
MW-02S	10/26/2011	Dibromomethane	0.5	µg/L	U	T
MW-02S	10/26/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-02S	10/26/2011	Dissolved Oxygen	5.84	mg/l		T
MW-02S	10/26/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-02S	10/26/2011	Ethylbenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-02S	10/26/2011	Iron	40000	µg/L		T
MW-02S	10/26/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Lead	16	µg/L		T
MW-02S	10/26/2011	M AND P XYLENES	1	µg/L	U	T
MW-02S	10/26/2011	Magnesium	10000	µg/L		T
MW-02S	10/26/2011	Manganese	610	µg/L		T
MW-02S	10/26/2011	Mercury	2.2	µg/L		T
MW-02S	10/26/2011	Methyl acetate	1	µg/L	U	T
MW-02S	10/26/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-02S	10/26/2011	Methylbenzanthracene	1	µg/L	U	T
MW-02S	10/26/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-02S	10/26/2011	Methylene chloride	0.5	µg/L	U	T
MW-02S	10/26/2011	Molybdenum	5	µg/L	U	T
MW-02S	10/26/2011	MTBE	0.5	µg/L	U	T
MW-02S	10/26/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Nickel	19	µg/L		T
MW-02S	10/26/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Oxidation-Reduction Potential	264.1	mV		T
MW-02S	10/26/2011	pH	5.01	pH Units		T
MW-02S	10/26/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-02S	10/26/2011	Potassium	8000	µg/L		T
MW-02S	10/26/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Selenium	2.6	µg/L		T
MW-02S	10/26/2011	Silver	5	µg/L	U	T
MW-02S	10/26/2011	Sodium	24000	µg/L		T
MW-02S	10/26/2011	Specific Conductance	270.1	umhos/cm		T
MW-02S	10/26/2011	Strontium	130	µg/L		T
MW-02S	10/26/2011	Styrene	0.5	µg/L	U	T
MW-02S	10/26/2011	Temp	24	°C		T
MW-02S	10/26/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-02S	10/26/2011	Tetrachloroethene	44	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-02S	10/26/2011	Thallium	1	µg/L	U	T
MW-02S	10/26/2011	Tin	15	µg/L	U	T
MW-02S	10/26/2011	Titanium	140	µg/L		T
MW-02S	10/26/2011	Toluene	0.5	µg/L	U	T
MW-02S	10/26/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-02S	10/26/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-02S	10/26/2011	Trichloroethene	0.18	µg/L		T
MW-02S	10/26/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-02S	10/26/2011	Turbidity	8.31	NTU		T
MW-02S	10/26/2011	Vanadium	52	µg/L		T
MW-02S	10/26/2011	Vinyl chloride	0.5	µg/L	U	T
MW-02S	10/26/2011	Xylene (o)	0.5	µg/L	U	T
MW-02S	10/26/2011	Xylene Total	0.5	µg/L	U	T
MW-02S	10/26/2011	Yttrium	36	µg/L		T
MW-02S	10/26/2011	Zinc	84	µg/L		T
MW-02S	7/13/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-02S	7/13/2016	Tetrachloroethene	34.1	µg/L		
MW-02S	7/13/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-02S	7/13/2016	Trichloroethene	0.398	µg/L	U	
MW-02S	7/13/2016	Vinyl Chloride	0.259	µg/L	U	
MW-03S	12/6/1993	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
MW-03S	12/6/1993	1,1,1-Trichloroethane	5	µg/L	U	T
MW-03S	12/6/1993	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-03S	12/6/1993	1,1,2-Trichloroethane	5	µg/L	U	T
MW-03S	12/6/1993	1,1-Dichloroethane	5	µg/L	U	T
MW-03S	12/6/1993	1,1-Dichloroethene	5	µg/L	U	T
MW-03S	12/6/1993	1,1-Dichloropropene	5	µg/L	U	T
MW-03S	12/6/1993	1,2,3-Trichlorobenzene	5	µg/L	U	T
MW-03S	12/6/1993	1,2,3-Trichloropropane	5	µg/L	U	T
MW-03S	12/6/1993	1,2,4-Trichlorobenzene	5	µg/L	U	T
MW-03S	12/6/1993	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
MW-03S	12/6/1993	1,2-Dichloroethene	5	µg/L	U	T
MW-03S	12/6/1993	1,2-Dichloropropane	5	µg/L	U	T
MW-03S	12/6/1993	1,3,5-Trimethylbenzene	5	µg/L	U	T
MW-03S	12/6/1993	1,3-Dichlorobenzene	5	µg/L	U	T
MW-03S	12/6/1993	1,3-Dichloropropane	5	µg/L	U	T
MW-03S	12/6/1993	1,3-Dichloropropene	5	µg/L	U	T
MW-03S	12/6/1993	1,4-Dichlorobenzene	5	µg/L	U	T
MW-03S	12/6/1993	2,2-Dichloropropane	5	µg/L	U	T
MW-03S	12/6/1993	2-Chlorotoluene	5	µg/L	U	T
MW-03S	12/6/1993	4-Chlorotoluene	5	µg/L	U	T
MW-03S	12/6/1993	Benzene	5	µg/L	U	T
MW-03S	12/6/1993	Bromobenzene	5	µg/L	U	T
MW-03S	12/6/1993	Bromochloromethane	5	µg/L	U	T
MW-03S	12/6/1993	Bromoform	5	µg/L	U	T
MW-03S	12/6/1993	Bromomethane	5	µg/L	U	T
MW-03S	12/6/1993	Carbon tetrachloride	5	µg/L	U	T
MW-03S	12/6/1993	Chlorobenzene	5	µg/L	U	T
MW-03S	12/6/1993	Chlorodibromomethane	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-03S	12/6/1993	Chloroethane	5	µg/L	U	T
MW-03S	12/6/1993	Chloroform	5	µg/L	U	T
MW-03S	12/6/1993	Chloromethane	5	µg/L	U	T
MW-03S	12/6/1993	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-03S	12/6/1993	Dibromomethane	5	µg/L	U	T
MW-03S	12/6/1993	Dichlorofluoromethane	5	µg/L	U	T
MW-03S	12/6/1993	Ethylbenzene	5	µg/L	U	T
MW-03S	12/6/1993	Fluorotrimethyl Silane	5	µg/L	U	T
MW-03S	12/6/1993	Hexachlorobutadiene	5	µg/L	U	T
MW-03S	12/6/1993	Isopropylbenzene	5	µg/L	U	T
MW-03S	12/6/1993	m&p-Xylene	5	µg/L	U	T
MW-03S	12/6/1993	Methylene chloride	5	µg/L	U	T
MW-03S	12/6/1993	Naphthalene	5	µg/L	U	T
MW-03S	12/6/1993	n-Butylbenzene	5	µg/L	U	T
MW-03S	12/6/1993	n-Propylbenzene	5	µg/L	U	T
MW-03S	12/6/1993	Odor	5	µg/L	U	T
MW-03S	12/6/1993	p-Isopropyltoluene	5	µg/L	U	T
MW-03S	12/6/1993	sec-Butylbenzene	5	µg/L	U	T
MW-03S	12/6/1993	Styrene	5	µg/L	U	T
MW-03S	12/6/1993	tert-Butylbenzene	5	µg/L	U	T
MW-03S	12/6/1993	Tetrachloroethene	18.7	µg/L		T
MW-03S	12/6/1993	Toluene	5	µg/L	U	T
MW-03S	12/6/1993	Trichloroethene	5	µg/L	U	T
MW-03S	12/6/1993	Vinyl chloride	5	µg/L	U	T
MW-03S	12/6/1993	Xylene (o)	5	µg/L	U	T
MW-03S	12/6/1993	Xylene Total	5	µg/L	U	T
MW-03S	3/4/1994	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
MW-03S	3/4/1994	1,1,1-Trichloroethane	5	µg/L	U	T
MW-03S	3/4/1994	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-03S	3/4/1994	1,1,2-Trichloroethane	5	µg/L	U	T
MW-03S	3/4/1994	1,1-Dichloroethane	5	µg/L	U	T
MW-03S	3/4/1994	1,1-Dichloroethene	5	µg/L	U	T
MW-03S	3/4/1994	1,1-Dichloropropene	5	µg/L	U	T
MW-03S	3/4/1994	1,2,3-Trichlorobenzene	5	µg/L	U	T
MW-03S	3/4/1994	1,2,3-Trichloropropane	5	µg/L	U	T
MW-03S	3/4/1994	1,2,4-Trichlorobenzene	5	µg/L	U	T
MW-03S	3/4/1994	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
MW-03S	3/4/1994	1,2-Dichloroethene	5	µg/L	U	T
MW-03S	3/4/1994	1,2-dichloropropane	5	µg/L	U	T
MW-03S	3/4/1994	1,3,5-Trimethylbenzene	5	µg/L	U	T
MW-03S	3/4/1994	1,3-Dichlorobenzene	5	µg/L	U	T
MW-03S	3/4/1994	1,3-Dichloropropane	5	µg/L	U	T
MW-03S	3/4/1994	1,3-Dichloropropene	5	µg/L	U	T
MW-03S	3/4/1994	1,4-Dichlorobenzene	5	µg/L	U	T
MW-03S	3/4/1994	2,2-Dichloropropane	5	µg/L	U	T
MW-03S	3/4/1994	2-Chlorotoluene	5	µg/L	U	T
MW-03S	3/4/1994	4-Chlorotoluene	5	µg/L	U	T
MW-03S	3/4/1994	Benzene	5	µg/L	U	T
MW-03S	3/4/1994	Bromobenzene	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-03S	3/4/1994	Bromochloromethane	5	µg/L	U	T
MW-03S	3/4/1994	Bromoform	5	µg/L	U	T
MW-03S	3/4/1994	Bromomethane	5	µg/L	U	T
MW-03S	3/4/1994	Carbon tetrachloride	5	µg/L	U	T
MW-03S	3/4/1994	Chlorobenzene	5	µg/L	U	T
MW-03S	3/4/1994	Chlorodibromomethane	5	µg/L	U	T
MW-03S	3/4/1994	Chloroethane	5	µg/L	U	T
MW-03S	3/4/1994	Chloroform	5	µg/L	U	T
MW-03S	3/4/1994	Chloromethane	5	µg/L	U	T
MW-03S	3/4/1994	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-03S	3/4/1994	Dibromomethane	5	µg/L	U	T
MW-03S	3/4/1994	Dichlorofluoromethane	5	µg/L	U	T
MW-03S	3/4/1994	Ethylbenzene	5	µg/L	U	T
MW-03S	3/4/1994	Fluorotrimethyl Silane	5	µg/L	U	T
MW-03S	3/4/1994	Hexachlorobutadiene	5	µg/L	U	T
MW-03S	3/4/1994	Isopropylbenzene	5	µg/L	U	T
MW-03S	3/4/1994	m&p-Xylene	5	µg/L	U	T
MW-03S	3/4/1994	Methylene chloride	5	µg/L	U	T
MW-03S	3/4/1994	Naphthalene	5	µg/L	U	T
MW-03S	3/4/1994	n-Butylbenzene	5	µg/L	U	T
MW-03S	3/4/1994	n-Propylbenzene	5	µg/L	U	T
MW-03S	3/4/1994	Odor	5	µg/L	U	T
MW-03S	3/4/1994	p-Isopropyltoluene	5	µg/L	U	T
MW-03S	3/4/1994	sec-Butylbenzene	5	µg/L	U	T
MW-03S	3/4/1994	Styrene	5	µg/L	U	T
MW-03S	3/4/1994	tert-Butylbenzene	5	µg/L	U	T
MW-03S	3/4/1994	Tetrachloroethene	41.9	µg/L		T
MW-03S	3/4/1994	Tetrachloroethene	65	µg/L		T
MW-03S	3/4/1994	Toluene	5	µg/L	U	T
MW-03S	3/4/1994	Trichloroethene	5	µg/L	U	T
MW-03S	3/4/1994	Vinyl chloride	5	µg/L	U	T
MW-03S	3/4/1994	Xylene (o)	5	µg/L	U	T
MW-03S	3/4/1994	Xylene Total	5	µg/L	U	T
MW-03S	6/13/1994	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-03S	6/13/1994	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-03S	6/13/1994	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-03S	6/13/1994	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-03S	6/13/1994	1,1-Dichloroethane	0.5	µg/L	U	T
MW-03S	6/13/1994	1,1-Dichloroethene	0.5	µg/L	U	T
MW-03S	6/13/1994	1,1-Dichloropropene	0.5	µg/L	U	T
MW-03S	6/13/1994	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-03S	6/13/1994	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-03S	6/13/1994	1,2-Dichloroethene	1.3	µg/L		T
MW-03S	6/13/1994	1,2-Dichloropropane	0.5	µg/L	U	T
MW-03S	6/13/1994	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	1,3-Dichloropropane	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-03S	6/13/1994	1,3-Dichloropropene	0.5	µg/L	U	T
MW-03S	6/13/1994	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	2,2-Dichloropropane	0.5	µg/L	U	T
MW-03S	6/13/1994	2-Chlorotoluene	0.5	µg/L	U	T
MW-03S	6/13/1994	4-Chlorotoluene	0.5	µg/L	U	T
MW-03S	6/13/1994	Benzene	0.5	µg/L	U	T
MW-03S	6/13/1994	Bromobenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	Bromochloromethane	0.5	µg/L	U	T
MW-03S	6/13/1994	Bromoform	0.5	µg/L	U	T
MW-03S	6/13/1994	Bromomethane	0.5	µg/L	U	T
MW-03S	6/13/1994	Carbon tetrachloride	0.5	µg/L	U	T
MW-03S	6/13/1994	Chlorobenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	Chlorodibromomethane	0.5	µg/L	U	T
MW-03S	6/13/1994	Chloroethane	0.5	µg/L	U	T
MW-03S	6/13/1994	Chloroform	0.5	µg/L	U	T
MW-03S	6/13/1994	Chloromethane	0.5	µg/L	U	T
MW-03S	6/13/1994	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-03S	6/13/1994	Dibromomethane	0.5	µg/L	U	T
MW-03S	6/13/1994	Dichlorofluoromethane	0.5	µg/L	U	T
MW-03S	6/13/1994	Ethylbenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	Fluorotrimethyl Silane	0.5	µg/L	U	T
MW-03S	6/13/1994	Hexachlorobutadiene	0.5	µg/L	U	T
MW-03S	6/13/1994	Isopropylbenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	m&p-Xylene	0.5	µg/L	U	T
MW-03S	6/13/1994	Methylene chloride	0.5	µg/L	U	T
MW-03S	6/13/1994	Naphthalene	0.5	µg/L	U	T
MW-03S	6/13/1994	n-Butylbenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	n-Propylbenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	Odor	0.5	µg/L	U	T
MW-03S	6/13/1994	p-Isopropyltoluene	0.5	µg/L	U	T
MW-03S	6/13/1994	sec-Butylbenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	Styrene	0.5	µg/L	U	T
MW-03S	6/13/1994	tert-Butylbenzene	0.5	µg/L	U	T
MW-03S	6/13/1994	Tetrachloroethene	17.2	µg/L		T
MW-03S	6/13/1994	Toluene	0.5	µg/L	U	T
MW-03S	6/13/1994	Trichloroethene	1	µg/L		T
MW-03S	6/13/1994	Vinyl chloride	0.5	µg/L	U	T
MW-03S	6/13/1994	Xylene (o)	0.5	µg/L	U	T
MW-03S	6/13/1994	Xylene Total	0.5	µg/L	U	T
MW-03S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	4.6	mg/L		T
MW-03S	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-03S	1/1/2000	Chloride	15	mg/L		T
MW-03S	1/1/2000	Dissolved organic carbon	2.8	mg/L		T
MW-03S	1/1/2000	Ethane	2.5	µg/L	U	T
MW-03S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-03S	1/1/2000	Methane	1.3	µg/L	U	T
MW-03S	1/1/2000	Nitrate (as N)	6.1	mg/L		T
MW-03S	1/1/2000	Sulphate	48	mg/L		T
MW-03S	1/1/2000	TOC	1.8	mg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-03S	5/1/2000	Chloride	15	mg/L		T
MW-03S	5/1/2000	Dissolved Oxygen	10.8	mg/L		T
MW-03S	5/1/2000	Ferrous Iron	0.63	mg/L		T
MW-03S	5/1/2000	Nitrate (as N)	6.1	mg/L		T
MW-03S	5/1/2000	ORP	224	mV		T
MW-03S	5/1/2000	Sulfallate	48	mg/L		T
MW-03S	5/4/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-03S	5/4/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-03S	5/4/2000	Acetone	10	µg/L	U	T
MW-03S	5/4/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-03S	5/4/2000	Aluminium	500	µg/L		T
MW-03S	5/4/2000	Antimony	2.6	µg/L	U	T
MW-03S	5/4/2000	Arsenic	2	µg/L	U	T
MW-03S	5/4/2000	Barium	63	µg/L		T
MW-03S	5/4/2000	Benzene	10	µg/L	U	T
MW-03S	5/4/2000	Beryllium	0.2	µg/L		T
MW-03S	5/4/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-03S	5/4/2000	Cadmium	0.8	µg/L	U	T
MW-03S	5/4/2000	Calcium	13000	µg/L		T
MW-03S	5/4/2000	Caprolactam	10	µg/L	U	T
MW-03S	5/4/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-03S	5/4/2000	Chloroform	10	µg/L	U	T
MW-03S	5/4/2000	Chromium (III+VI)	3.9	µg/L	U	T
MW-03S	5/4/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-03S	5/4/2000	Cobalt	3.4	µg/L	U	T
MW-03S	5/4/2000	Copper	4.5	µg/L	U	T
MW-03S	5/4/2000	Cyanide Total	10	µg/L	U	T
MW-03S	5/4/2000	Cyclohexane	10	µg/L	U	T
MW-03S	5/4/2000	Dieldrin	0.1	µg/L	U	T
MW-03S	5/4/2000	Diethylene glycol, monobutyl ether	3	µg/L		T
MW-03S	5/4/2000	Dissolved Oxygen	10.8	mg/l		T
MW-03S	5/4/2000	Electrical conductivity *(lab)	0.213	umhos/cm		T
MW-03S	5/4/2000	Endrin ketone	0.1	µg/L	U	T
MW-03S	5/4/2000	Ethylbenzene	10	µg/L	U	T
MW-03S	5/4/2000	Ferrous Iron	0.63	mg/l		T
MW-03S	5/4/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-03S	5/4/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-03S	5/4/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-03S	5/4/2000	Iron	920	µg/L		T
MW-03S	5/4/2000	Lead	2	µg/L		T
MW-03S	5/4/2000	Magnesium	5400	µg/L		T
MW-03S	5/4/2000	Manganese	120	µg/L		T
MW-03S	5/4/2000	Mercury	0.1	µg/L	U	T
MW-03S	5/4/2000	Methyl acetate	10	µg/L	U	T
MW-03S	5/4/2000	Methylcyclohexane	10	µg/L	U	T
MW-03S	5/4/2000	Nickel	5	µg/L	U	T
MW-03S	5/4/2000	N-Tridecane	1.3	µg/L		T
MW-03S	5/4/2000	N-Tridecane	2.5	µg/L		T
MW-03S	5/4/2000	N-Tridecane	2.6	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-03S	5/4/2000	N-Tridecane	10	µg/L		T
MW-03S	5/4/2000	N-Tridecane	22	µg/L		T
MW-03S	5/4/2000	N-Tridecane	25	µg/L		T
MW-03S	5/4/2000	ORP	224	millivolts		T
MW-03S	5/4/2000	pH	5.16	pH Units		T
MW-03S	5/4/2000	pH	5.16	SU		T
MW-03S	5/4/2000	Phenol	10	µg/L	U	T
MW-03S	5/4/2000	Potassium	4400	µg/L		T
MW-03S	5/4/2000	Selenium	2.2	µg/L	U	T
MW-03S	5/4/2000	Silver	0.7	µg/L	U	T
MW-03S	5/4/2000	Sodium	21000	µg/L		T
MW-03S	5/4/2000	Specific Conductance	213	umhos/cm		T
MW-03S	5/4/2000	Temp	21.9	degree C		T
MW-03S	5/4/2000	Tetrachloroethene	21	µg/L		T
MW-03S	5/4/2000	Thallium	3.5	µg/L	U	T
MW-03S	5/4/2000	Toluene	10	µg/L		T
MW-03S	5/4/2000	Trichloroethene	18	µg/L		T
MW-03S	5/4/2000	Turbidity	15	NTU		T
MW-03S	5/4/2000	Unknown Compound	22	µg/L		T
MW-03S	5/4/2000	Vanadium	2	µg/L	U	T
MW-03S	5/4/2000	Xylene Total	10	µg/L	U	T
MW-03S	5/4/2000	Zinc	16	µg/L	U	T
MW-03S	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-03S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-03S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-03S	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-03S	1/1/2001	Alkalinity (Bicarbonate as CaCO3)	6.6	mg/L		T
MW-03S	1/1/2001	Aluminium	130	µg/L	U	T
MW-03S	1/1/2001	Ammonia	0.05	mg/L	U	T
MW-03S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-03S	1/1/2001	Barium	70	µg/L		T
MW-03S	1/1/2001	Benzene	10	µg/L	U	T
MW-03S	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-03S	1/1/2001	Cadmium	0.6	µg/L	U	T
MW-03S	1/1/2001	Calcium	13000	µg/L		T
MW-03S	1/1/2001	Caprolactam	10	µg/L	U	T
MW-03S	1/1/2001	Chloride	12	mg/L		T
MW-03S	1/1/2001	Chloroform	10	µg/L	U	T
MW-03S	1/1/2001	Chromium (III+VI)	23	µg/L		T
MW-03S	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-03S	1/1/2001	Cobalt	2.8	µg/L		T
MW-03S	1/1/2001	Copper	2.2	µg/L		T
MW-03S	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-03S	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-03S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-03S	1/1/2001	Dissolved Oxygen	5.57	mg/l		T
MW-03S	1/1/2001	Endrin	0.1	µg/L	U	T
MW-03S	1/1/2001	Ethane	2.6	µg/L	U	T
MW-03S	1/1/2001	Ethene	2.6	µg/L	U	T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-03S	1/1/2001	Ferrous Iron	0	mg/l	U	T
MW-03S	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-03S	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-03S	1/1/2001	Iron	230	µg/L		T
MW-03S	1/1/2001	Laboratory artifacts/#	14	µg/L		T
MW-03S	1/1/2001	Lead	1.7	µg/L	U	T
MW-03S	1/1/2001	Magnesium	4900	µg/L		T
MW-03S	1/1/2001	Manganese	240	µg/L		T
MW-03S	1/1/2001	Mercury	0.1	µg/L	U	T
MW-03S	1/1/2001	Methane	1.4	µg/L	U	T
MW-03S	1/1/2001	Nickel	27	µg/L		T
MW-03S	1/1/2001	Nitrate (as N)	7	mg/L		T
MW-03S	1/1/2001	ORP	238	mV		T
MW-03S	1/1/2001	Potassium	8500	µg/L		T
MW-03S	1/1/2001	Sodium	890000	µg/L		T
MW-03S	1/1/2001	Sulfallate	51	mg/l		T
MW-03S	1/1/2001	Sulphate	51	mg/L		T
MW-03S	1/1/2001	Tetrachloroethene	22	µg/L		T
MW-03S	1/1/2001	TOC	3.2	mg/L		T
MW-03S	1/1/2001	Trichloroethene	13	µg/L		T
MW-03S	1/1/2001	Unknown amide	5	µg/L		T
MW-03S	1/1/2001	Unknown With Highest Conc.	5	µg/L		T
MW-03S	1/1/2001	Vanadium	0.77	µg/L	U	T
MW-03S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-03S	1/1/2001	Zinc	35	µg/L		T
MW-03S	1/17/2001	Dissolved Oxygen	238	mg/l		T
MW-03S	1/17/2001	Electrical conductivity *(lab)	232	umhos/cm		T
MW-03S	1/17/2001	Ferrous Iron	0.5	mg/l	U	T
MW-03S	1/17/2001	ORP	5.57	millivolts		T
MW-03S	1/17/2001	pH	5.09	SU		T
MW-03S	1/17/2001	Temp	23.9	degree C		T
MW-03S	1/17/2001	Turbidity	127	NTU		T
MW-03S	5/15/2003	Benzene	1	µg/kg	U	T
MW-03S	5/15/2003	Ethylbenzene	1	µg/kg	U	T
MW-03S	5/15/2003	Tetrachloroethene	5	µg/kg	U	T
MW-03S	5/15/2003	Toluene	1	µg/kg	U	T
MW-03S	5/15/2003	Xylene Total	5	µg/kg	U	T
MW-03S	7/1/2007	Dissolved Oxygen	11	mg/L		T
MW-03S	7/24/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-03S	7/24/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-03S	7/24/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-03S	7/24/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-03S	7/24/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-03S	7/24/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-03S	7/24/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-03S	7/24/2007	1,2-dichloropropane	5	µg/L	U	T
MW-03S	7/24/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-03S	7/24/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-03S	7/24/2007	2-Chloroethylvinyl ether	10	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-03S	7/24/2007	Benzene	5	µg/L	U	T
MW-03S	7/24/2007	Bromoform	5	µg/L	U	T
MW-03S	7/24/2007	Bromomethane	5	µg/L	U	T
MW-03S	7/24/2007	Carbon tetrachloride	5	µg/L	U	T
MW-03S	7/24/2007	Chlorobenzene	5	µg/L	U	T
MW-03S	7/24/2007	Chlorodibromomethane	5	µg/L	U	T
MW-03S	7/24/2007	Chloroethane	5	µg/L	U	T
MW-03S	7/24/2007	Chloroform	5	µg/L	U	T
MW-03S	7/24/2007	Chloromethane	5	µg/L	U	T
MW-03S	7/24/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-03S	7/24/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-03S	7/24/2007	Dissolved Oxygen	11	mg/l		T
MW-03S	7/24/2007	Ethylbenzene	5	µg/L	U	T
MW-03S	7/24/2007	Methylene chloride	5	µg/L	U	T
MW-03S	7/24/2007	pH	5.09	pH units		T
MW-03S	7/24/2007	Specific Conductance	0.193	S/m		T
MW-03S	7/24/2007	Temp	23.1	deg C		T
MW-03S	7/24/2007	Tetrachloroethene	57	µg/L		T
MW-03S	7/24/2007	Toluene	5	µg/L	U	T
MW-03S	7/24/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-03S	7/24/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-03S	7/24/2007	Trichloroethene	7.8	µg/L		T
MW-03S	7/24/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-03S	7/24/2007	Turbidity	72	NTU		T
MW-03S	7/24/2007	Vinyl chloride	5	µg/L	U	T
MW-03S	7/13/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-03S	7/13/2016	Tetrachloroethene	6.02	µg/L		
MW-03S	7/13/2016	Tetrachloroethene	6.27	µg/L		
MW-03S	7/13/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-03S	7/13/2016	Trichloroethene	0.442	µg/L	J	
MW-03S	7/13/2016	Trichloroethene	0.566	µg/L	J	
MW-03S	7/13/2016	Vinyl Chloride	0.259	µg/L	U	
MW-04	3/4/1994	1,1,1,2-Tetrachloroethane	5	µg/L	U	T
MW-04	3/4/1994	1,1,1-Trichloroethane	5	µg/L	U	T
MW-04	3/4/1994	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-04	3/4/1994	1,1,2-Trichloroethane	5	µg/L	U	T
MW-04	3/4/1994	1,1-Dichloroethane	5	µg/L	U	T
MW-04	3/4/1994	1,1-Dichloroethene	5	µg/L	U	T
MW-04	3/4/1994	1,1-Dichloropropene	5	µg/L	U	T
MW-04	3/4/1994	1,2,3-Trichlorobenzene	5	µg/L	U	T
MW-04	3/4/1994	1,2,3-Trichloropropane	5	µg/L	U	T
MW-04	3/4/1994	1,2,4-Trichlorobenzene	5	µg/L	U	T
MW-04	3/4/1994	1,2,4-Trimethylbenzene (2 isomers)	5	µg/L	U	T
MW-04	3/4/1994	1,2-Dichloroethene	5	µg/L	U	T
MW-04	3/4/1994	1,2-dichloropropane	5	µg/L	U	T
MW-04	3/4/1994	1,3,5-Trimethylbenzene	5	µg/L	U	T
MW-04	3/4/1994	1,3-Dichlorobenzene	5	µg/L	U	T
MW-04	3/4/1994	1,3-Dichloropropane	5	µg/L	U	T
MW-04	3/4/1994	1,3-Dichloropropene	5	µg/L	U	T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04	3/4/1994	1,4-Dichlorobenzene	5	µg/L	U	T
MW-04	3/4/1994	2,2-Dichloropropane	5	µg/L	U	T
MW-04	3/4/1994	2-Chlorotoluene	5	µg/L	U	T
MW-04	3/4/1994	4-Chlorotoluene	5	µg/L	U	T
MW-04	3/4/1994	Benzene	5	µg/L	U	T
MW-04	3/4/1994	Bromobenzene	5	µg/L	U	T
MW-04	3/4/1994	Bromochloromethane	5	µg/L	U	T
MW-04	3/4/1994	Bromoform	5	µg/L	U	T
MW-04	3/4/1994	Bromomethane	5	µg/L	U	T
MW-04	3/4/1994	Carbon tetrachloride	5	µg/L	U	T
MW-04	3/4/1994	Chlorobenzene	5	µg/L	U	T
MW-04	3/4/1994	Chlorodibromomethane	5	µg/L	U	T
MW-04	3/4/1994	Chloroethane	5	µg/L	U	T
MW-04	3/4/1994	Chloroform	5	µg/L	U	T
MW-04	3/4/1994	Chloromethane	5	µg/L	U	T
MW-04	3/4/1994	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-04	3/4/1994	Dibromomethane	5	µg/L	U	T
MW-04	3/4/1994	Dichlorofluoromethane	5	µg/L	U	T
MW-04	3/4/1994	Ethylbenzene	5	µg/L	U	T
MW-04	3/4/1994	Fluorotrimethyl Silane	5	µg/L	U	T
MW-04	3/4/1994	Hexachlorobutadiene	5	µg/L	U	T
MW-04	3/4/1994	Isopropylbenzene	5	µg/L	U	T
MW-04	3/4/1994	m&p-Xylene	5	µg/L	U	T
MW-04	3/4/1994	Methylene chloride	5	µg/L	U	T
MW-04	3/4/1994	Naphthalene	5	µg/L	U	T
MW-04	3/4/1994	n-Butylbenzene	5	µg/L	U	T
MW-04	3/4/1994	n-Propylbenzene	5	µg/L	U	T
MW-04	3/4/1994	Odor	5	µg/L	U	T
MW-04	3/4/1994	p-Isopropyltoluene	5	µg/L	U	T
MW-04	3/4/1994	sec-Butylbenzene	5	µg/L	U	T
MW-04	3/4/1994	Styrene	5	µg/L	U	T
MW-04	3/4/1994	tert-Butylbenzene	5	µg/L	U	T
MW-04	3/4/1994	Tetrachloroethene	9.7	µg/L		T
MW-04	3/4/1994	Tetrachloroethene	38.8	µg/L		T
MW-04	3/4/1994	Toluene	5	µg/L	U	T
MW-04	3/4/1994	Trichloroethene	5	µg/L	U	T
MW-04	3/4/1994	Vinyl chloride	5	µg/L	U	T
MW-04	3/4/1994	Xylene (o)	5	µg/L	U	T
MW-04	3/4/1994	Xylene Total	5	µg/L	U	T
MW-04	6/13/1994	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-04	6/13/1994	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-04	6/13/1994	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-04	6/13/1994	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-04	6/13/1994	1,1-Dichloroethane	0.5	µg/L	U	T
MW-04	6/13/1994	1,1-Dichloroethene	0.9	µg/L		T
MW-04	6/13/1994	1,1-Dichloropropene	0.5	µg/L	U	T
MW-04	6/13/1994	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-04	6/13/1994	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-04	6/13/1994	1,2,4-Trichlorobenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04	6/13/1994	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-04	6/13/1994	1,2-Dichloroethene	0.5	µg/L	U	T
MW-04	6/13/1994	1,2-Dichloropropane	0.5	µg/L	U	T
MW-04	6/13/1994	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-04	6/13/1994	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-04	6/13/1994	1,3-Dichloropropane	0.5	µg/L	U	T
MW-04	6/13/1994	1,3-Dichloropropene	0.5	µg/L	U	T
MW-04	6/13/1994	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-04	6/13/1994	2,2-Dichloropropane	0.5	µg/L	U	T
MW-04	6/13/1994	2-Chlorotoluene	0.5	µg/L	U	T
MW-04	6/13/1994	4-Chlorotoluene	0.5	µg/L	U	T
MW-04	6/13/1994	Benzene	0.5	µg/L	U	T
MW-04	6/13/1994	Bromobenzene	0.5	µg/L	U	T
MW-04	6/13/1994	Bromochloromethane	0.5	µg/L	U	T
MW-04	6/13/1994	Bromoform	0.5	µg/L	U	T
MW-04	6/13/1994	Bromomethane	0.5	µg/L	U	T
MW-04	6/13/1994	Carbon tetrachloride	0.5	µg/L	U	T
MW-04	6/13/1994	Chlorobenzene	0.5	µg/L	U	T
MW-04	6/13/1994	Chlorodibromomethane	0.5	µg/L	U	T
MW-04	6/13/1994	Chloroethane	0.5	µg/L	U	T
MW-04	6/13/1994	Chloroform	0.5	µg/L	U	T
MW-04	6/13/1994	Chloromethane	0.5	µg/L	U	T
MW-04	6/13/1994	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-04	6/13/1994	Dibromomethane	0.5	µg/L	U	T
MW-04	6/13/1994	Dichlorofluoromethane	0.5	µg/L	U	T
MW-04	6/13/1994	Ethylbenzene	0.5	µg/L	U	T
MW-04	6/13/1994	Fluorotrimethyl Silane	0.5	µg/L	U	T
MW-04	6/13/1994	Hexachlorobutadiene	0.5	µg/L	U	T
MW-04	6/13/1994	Isopropylbenzene	0.5	µg/L	U	T
MW-04	6/13/1994	m&p-Xylene	0.5	µg/L	U	T
MW-04	6/13/1994	Methylene chloride	0.5	µg/L	U	T
MW-04	6/13/1994	Naphthalene	0.5	µg/L	U	T
MW-04	6/13/1994	n-Butylbenzene	0.5	µg/L	U	T
MW-04	6/13/1994	n-Propylbenzene	0.5	µg/L	U	T
MW-04	6/13/1994	Odor	0.5	µg/L	U	T
MW-04	6/13/1994	p-Isopropyltoluene	0.5	µg/L	U	T
MW-04	6/13/1994	sec-Butylbenzene	0.5	µg/L	U	T
MW-04	6/13/1994	Styrene	0.5	µg/L	U	T
MW-04	6/13/1994	tert-Butylbenzene	0.5	µg/L	U	T
MW-04	6/13/1994	Tetrachloroethene	3.7	µg/L		T
MW-04	6/13/1994	Toluene	0.5	µg/L	U	T
MW-04	6/13/1994	Trichloroethene	0.5	µg/L	U	T
MW-04	6/13/1994	Vinyl chloride	0.5	µg/L	U	T
MW-04	6/13/1994	Xylene (o)	0.5	µg/L	U	T
MW-04	6/13/1994	Xylene Total	0.5	µg/L	U	T
MW-04I	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	54	mg/L		T
MW-04I	1/1/2000	Ammonia	1	mg/L		T
MW-04I	1/1/2000	Chloride	2.9	mg/L		T
MW-04I	1/1/2000	Dissolved organic carbon	3.8	mg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04I	1/1/2000	Ethane	2.2	µg/L		T
MW-04I	1/1/2000	Ethene	0.48	µg/L		T
MW-04I	1/1/2000	Methane	5	µg/L		T
MW-04I	1/1/2000	Nitrate (as N)	0.06	mg/L		T
MW-04I	1/1/2000	Sulphate	18	mg/L		T
MW-04I	1/1/2000	TOC	4	mg/L		T
MW-04I	5/9/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-04I	5/9/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-04I	5/9/2000	Acetone	57	µg/L		T
MW-04I	5/9/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-04I	5/9/2000	Aluminium	1200	µg/L		T
MW-04I	5/9/2000	Antimony	4.4	µg/L	U	T
MW-04I	5/9/2000	Arsenic	6.2	µg/L	U	T
MW-04I	5/9/2000	Barium	72	µg/L		T
MW-04I	5/9/2000	Benzene	10	µg/L	U	T
MW-04I	5/9/2000	Beryllium	1.2	µg/L		T
MW-04I	5/9/2000	Bis(2-ethylhexyl) phthalate	41	µg/L	U	T
MW-04I	5/9/2000	Cadmium	0.3	µg/L	U	T
MW-04I	5/9/2000	Calcium	19000	µg/L		T
MW-04I	5/9/2000	Caprolactam	10	µg/L	U	T
MW-04I	5/9/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-04I	5/9/2000	Chloroform	10	µg/L	U	T
MW-04I	5/9/2000	Chromium (III+VI)	13	µg/L		T
MW-04I	5/9/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-04I	5/9/2000	Cobalt	1.3	µg/L	U	T
MW-04I	5/9/2000	Copper	17	µg/L	U	T
MW-04I	5/9/2000	Cyanide Total	10	µg/L	U	T
MW-04I	5/9/2000	Cyclohexane	10	µg/L	U	T
MW-04I	5/9/2000	Dieldrin	0.1	µg/L	U	T
MW-04I	5/9/2000	Dissolved Oxygen	9.81	mg/l		T
MW-04I	5/9/2000	Electrical conductivity *(lab)	0.087	umhos/cm		T
MW-04I	5/9/2000	Endrin ketone	0.1	µg/L	U	T
MW-04I	5/9/2000	Ethylbenzene	10	µg/L	U	T
MW-04I	5/9/2000	Ferrous Iron	1.49	mg/l		T
MW-04I	5/9/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-04I	5/9/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-04I	5/9/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-04I	5/9/2000	Hexanoic Acid	2	µg/L		T
MW-04I	5/9/2000	Iron	7500	µg/L		T
MW-04I	5/9/2000	Lead	9.7	µg/L		T
MW-04I	5/9/2000	Magnesium	2600	µg/L		T
MW-04I	5/9/2000	Manganese	340	µg/L		T
MW-04I	5/9/2000	Mercury	0.15	µg/L	U	T
MW-04I	5/9/2000	Methyl acetate	10	µg/L	U	T
MW-04I	5/9/2000	Methylcyclohexane	10	µg/L	U	T
MW-04I	5/9/2000	Nickel	27	µg/L	U	T
MW-04I	5/9/2000	N-Tridecane	0.05	µg/L		T
MW-04I	5/9/2000	N-Tridecane	0.1	µg/L		T
MW-04I	5/9/2000	N-Tridecane	0.48	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04I	5/9/2000	N-Tridecane	0.5	µg/L		T
MW-04I	5/9/2000	N-Tridecane	1	µg/L		T
MW-04I	5/9/2000	N-Tridecane	2	µg/L		T
MW-04I	5/9/2000	N-Tridecane	2.2	µg/L		T
MW-04I	5/9/2000	N-Tridecane	5	µg/L		T
MW-04I	5/9/2000	ORP	98	millivolts		T
MW-04I	5/9/2000	pH	6.22	pH Units		T
MW-04I	5/9/2000	pH	6.22	SU		T
MW-04I	5/9/2000	Phenol	10	µg/L	U	T
MW-04I	5/9/2000	Potassium	2600	µg/L		T
MW-04I	5/9/2000	Selenium	4.4	µg/L	U	T
MW-04I	5/9/2000	Silver	1.8	µg/L	U	T
MW-04I	5/9/2000	Sodium	31000	µg/L		T
MW-04I	5/9/2000	Specific Conductance	87	umhos/cm		T
MW-04I	5/9/2000	Temp	21.6	degree C		T
MW-04I	5/9/2000	Tetrachloroethene	10	µg/L	U	T
MW-04I	5/9/2000	Thallium	6.1	µg/L	U	T
MW-04I	5/9/2000	Trichloroethene	10	µg/L	U	T
MW-04I	5/9/2000	Turbidity	44.3	NTU		T
MW-04I	5/9/2000	Unknown Compound	6	µg/L		T
MW-04I	5/9/2000	Vanadium	4.1	µg/L		T
MW-04I	5/9/2000	Xylene Total	10	µg/L	U	T
MW-04I	5/9/2000	Zinc	86	µg/L		T
MW-04I	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-04I	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-04I	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-04I	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-04I	1/1/2001	Aluminium	23000	µg/L		T
MW-04I	1/1/2001	Arsenic	6.2	µg/L		T
MW-04I	1/1/2001	Barium	260	µg/L		T
MW-04I	1/1/2001	Benzene	10	µg/L	U	T
MW-04I	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-04I	1/1/2001	Cadmium	8.6	µg/L		T
MW-04I	1/1/2001	Calcium	31000	µg/L		T
MW-04I	1/1/2001	Caprolactam	13	µg/L		T
MW-04I	1/1/2001	Chloroform	10	µg/L	U	T
MW-04I	1/1/2001	Chromium (III+VI)	85	µg/L		T
MW-04I	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-04I	1/1/2001	Cobalt	4.8	µg/L		T
MW-04I	1/1/2001	Copper	53	µg/L		T
MW-04I	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-04I	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-04I	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-04I	1/1/2001	Endrin	0.01	µg/L	U	T
MW-04I	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-04I	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-04I	1/1/2001	Iron	23000	µg/L		T
MW-04I	1/1/2001	Laboratory artifacts/#	11	µg/L		T
MW-04I	1/1/2001	Lead	47	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04I	1/1/2001	Magnesium	7100	µg/L		T
MW-04I	1/1/2001	Manganese	740	µg/L		T
MW-04I	1/1/2001	Mercury	0.31	µg/L		T
MW-04I	1/1/2001	Nickel	69	µg/L		T
MW-04I	1/1/2001	Octamethylcyclotetrasiloxane	10	µg/L		T
MW-04I	1/1/2001	Potassium	4900	µg/L		T
MW-04I	1/1/2001	Sodium	22000	µg/L		T
MW-04I	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-04I	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-04I	1/1/2001	Unknown Compound	23	µg/L		T
MW-04I	1/1/2001	Unknown amide	4	µg/L		T
MW-04I	1/1/2001	Vanadium	21	µg/L		T
MW-04I	1/1/2001	Xylene Total	10	µg/L	U	T
MW-04I	1/1/2001	Zinc	100	µg/L		T
MW-04I	1/18/2001	Dissolved Oxygen	2.93	mg/l		T
MW-04I	1/18/2001	Electrical conductivity *(lab)	96	umhos/cm		T
MW-04I	1/18/2001	Ferrous Iron	2	mg/l		T
MW-04I	1/18/2001	ORP	38	millivolts		T
MW-04I	1/18/2001	pH	6.23	SU		T
MW-04I	1/18/2001	Temp	21.8	degree C		T
MW-04I	1/18/2001	Turbidity	219	NTU		T
MW-04I	2/1/2002	Aluminium	300	µg/L		F
MW-04I	2/1/2002	Aluminium	15000	µg/L		T
MW-04I	2/1/2002	Antimony	3.1	µg/L	U	T
MW-04I	2/1/2002	Antimony	5.5	µg/L	U	F
MW-04I	2/1/2002	Arsenic	8.1	µg/L		F
MW-04I	2/1/2002	Arsenic	10	µg/L		T
MW-04I	2/1/2002	Barium	3.7	µg/L	U	F
MW-04I	2/1/2002	Barium	95	µg/L		T
MW-04I	2/1/2002	Beryllium	0.2	µg/L	U	F
MW-04I	2/1/2002	Beryllium	1.5	µg/L	U	T
MW-04I	2/1/2002	Calcium	9000	µg/L		F
MW-04I	2/1/2002	Calcium	18000	µg/L		T
MW-04I	2/1/2002	Chromium (hexavalent)	65	µg/L	U	T
MW-04I	2/1/2002	Chromium (III+VI)	1	µg/L		F
MW-04I	2/1/2002	Chromium (III+VI)	27	µg/L		T
MW-04I	2/1/2002	Cobalt	1.3	µg/L		F
MW-04I	2/1/2002	Cobalt	2.7	µg/L		T
MW-04I	2/1/2002	Copper	5.5	µg/L		F
MW-04I	2/1/2002	Copper	22	µg/L		T
MW-04I	2/1/2002	Iron	100	µg/L		F
MW-04I	2/1/2002	Iron	8100	µg/L		T
MW-04I	2/1/2002	Lead	1.9	µg/L	U	F
MW-04I	2/1/2002	Lead	18	µg/L		T
MW-04I	2/1/2002	Magnesium	1500	µg/L		F
MW-04I	2/1/2002	Magnesium	4500	µg/L		T
MW-04I	2/1/2002	Manganese	140	µg/L		F
MW-04I	2/1/2002	Manganese	390	µg/L		T
MW-04I	2/1/2002	Mercury	0.1	µg/L	U	F

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04I	2/1/2002	Mercury	0.1	µg/L	U	T
MW-04I	2/1/2002	Nickel	5	µg/L		F
MW-04I	2/1/2002	Nickel	24	µg/L		T
MW-04I	2/1/2002	Potassium	4300	µg/L		F
MW-04I	2/1/2002	Potassium	5000	µg/L		T
MW-04I	2/1/2002	Selenium	2.5	µg/L	U	F
MW-04I	2/1/2002	Selenium	2.5	µg/L	U	T
MW-04I	2/1/2002	Sodium	66000	µg/L		F
MW-04I	2/1/2002	Sodium	69000	µg/L		T
MW-04I	2/1/2002	Thallium	4.3	µg/L	U	F
MW-04I	2/1/2002	Thallium	4.3	µg/L	U	T
MW-04I	2/1/2002	Vanadium	4	µg/L		F
MW-04I	2/1/2002	Vanadium	14	µg/L		T
MW-04I	2/1/2002	Zinc	7.2	µg/L		F
MW-04I	2/1/2002	Zinc	74	µg/L		T
MW-04I	2/12/2002	Dissolved Oxygen	3.1	mg/l		T
MW-04I	2/12/2002	Electrical conductivity *(lab)	730	umhos/cm		T
MW-04I	2/12/2002	Ferrous Iron	0	mg/l	U	T
MW-04I	2/12/2002	ORP	140	millivolts		T
MW-04I	2/12/2002	pH	6.37	SU		T
MW-04I	2/12/2002	Temp	21	degree C		T
MW-04I	2/12/2002	Turbidity	165	NTU		T
MW-04S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	19	mg/L		T
MW-04S	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-04S	1/1/2000	Chloride	19	mg/L		T
MW-04S	1/1/2000	Dissolved organic carbon	3.4	mg/L		T
MW-04S	1/1/2000	Ethane	2.5	µg/L	U	T
MW-04S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-04S	1/1/2000	Methane	1.3	µg/L	U	T
MW-04S	1/1/2000	Nitrate (as N)	2.9	mg/L		T
MW-04S	1/1/2000	Sulphate	41	mg/L		T
MW-04S	1/1/2000	TOC	4.6	mg/L		T
MW-04S	5/1/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-04S	5/1/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-04S	5/1/2000	2-Propanol	6	µg/L		T
MW-04S	5/1/2000	Acetone	10	µg/L	U	T
MW-04S	5/1/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-04S	5/1/2000	Aluminium	1200	µg/L		T
MW-04S	5/1/2000	Antimony	4.4	µg/L	U	T
MW-04S	5/1/2000	Arsenic	3	µg/L	U	T
MW-04S	5/1/2000	Barium	89	µg/L		T
MW-04S	5/1/2000	Benzene	10	µg/L	U	T
MW-04S	5/1/2000	Beryllium	0.4	µg/L		T
MW-04S	5/1/2000	Bis(2-ethylhexyl) phthalate	35	µg/L	U	T
MW-04S	5/1/2000	Cadmium	0.3	µg/L	U	T
MW-04S	5/1/2000	Calcium	3100	µg/L		T
MW-04S	5/1/2000	Caprolactam	10	µg/L	U	T
MW-04S	5/1/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-04S	5/1/2000	Chloride	19	mg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	5/1/2000	Chloroform	10	µg/L	U	T
MW-04S	5/1/2000	Chromium (III+VI)	6.6	µg/L		T
MW-04S	5/1/2000	cis-1,2-Dichloroethene	11	µg/L		T
MW-04S	5/1/2000	Cobalt	1.3	µg/L	U	T
MW-04S	5/1/2000	Copper	11	µg/L	U	T
MW-04S	5/1/2000	Cyanide Total	10	µg/L	U	T
MW-04S	5/1/2000	Cyclohexane	10	µg/L	U	T
MW-04S	5/1/2000	Dieldrin	0.1	µg/L	U	T
MW-04S	5/1/2000	Diethylene glycol, monoethyl ether	3	µg/L		T
MW-04S	5/1/2000	Dissolved Oxygen	9.72	mg/L		T
MW-04S	5/1/2000	Endrin ketone	0.1	µg/L	U	T
MW-04S	5/1/2000	Ethylbenzene	10	µg/L	U	T
MW-04S	5/1/2000	Ferrous Iron	0.25	mg/L		T
MW-04S	5/1/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-04S	5/1/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-04S	5/1/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-04S	5/1/2000	Iron	1800	µg/L		T
MW-04S	5/1/2000	Lead	1.8	µg/L	U	T
MW-04S	5/1/2000	Magnesium	1200	µg/L		T
MW-04S	5/1/2000	Manganese	72	µg/L		T
MW-04S	5/1/2000	Mercury	0.12	µg/L	U	T
MW-04S	5/1/2000	Methyl acetate	10	µg/L	U	T
MW-04S	5/1/2000	Methylcyclohexane	10	µg/L	U	T
MW-04S	5/1/2000	Nickel	14	µg/L	U	T
MW-04S	5/1/2000	Nitrate (as N)	2.9	mg/L		T
MW-04S	5/1/2000	ORP	184	mV		T
MW-04S	5/1/2000	Phenol	10	µg/L	U	T
MW-04S	5/1/2000	Potassium	6100	µg/L		T
MW-04S	5/1/2000	Selenium	3.7	µg/L	U	T
MW-04S	5/1/2000	Silver	2.1	µg/L	U	T
MW-04S	5/1/2000	Sodium	34000	µg/L		T
MW-04S	5/1/2000	Sulfallate	41	mg/L		T
MW-04S	5/1/2000	Tetrachloroethene	55	µg/L		T
MW-04S	5/1/2000	Thallium	6.1	µg/L	U	T
MW-04S	5/1/2000	Trichloroethene	10	µg/L		T
MW-04S	5/1/2000	Unknown Compound	5	µg/L		T
MW-04S	5/1/2000	Vanadium	2.9	µg/L		T
MW-04S	5/1/2000	Xylene Total	10	µg/L	U	T
MW-04S	5/1/2000	Zinc	30	µg/L	U	T
MW-04S	5/9/2000	Dissolved Oxygen	9.72	mg/l		T
MW-04S	5/9/2000	Electrical conductivity *(lab)	0.224	umhos/cm		T
MW-04S	5/9/2000	Ferrous Iron	0.25	mg/L		T
MW-04S	5/9/2000	N-Tridecane	0.05	µg/L		T
MW-04S	5/9/2000	N-Tridecane	0.1	µg/L		T
MW-04S	5/9/2000	N-Tridecane	0.5	µg/L		T
MW-04S	5/9/2000	N-Tridecane	1	µg/L		T
MW-04S	5/9/2000	N-Tridecane	1.3	µg/L		T
MW-04S	5/9/2000	N-Tridecane	2	µg/L		T
MW-04S	5/9/2000	N-Tridecane	2.5	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	5/9/2000	N-Tridecane	2.6	µg/L		T
MW-04S	5/9/2000	N-Tridecane	5	µg/L		T
MW-04S	5/9/2000	ORP	184	millivolts		T
MW-04S	5/9/2000	pH	5.58	pH Units		T
MW-04S	5/9/2000	pH	5.58	SU		T
MW-04S	5/9/2000	Specific Conductance	224	umhos/cm		T
MW-04S	5/9/2000	Temp	23.6	degree C		T
MW-04S	5/9/2000	Turbidity	0.35	NTU		T
MW-04S	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-04S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-04S	1/1/2001	1,2-Dichloroethene [cis]	8	µg/L		T
MW-04S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-04S	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-04S	1/1/2001	Alkalinity (Bicarbonate as CaCO3)	34	mg/L		T
MW-04S	1/1/2001	Ammonia	0.05	mg/L	U	T
MW-04S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-04S	1/1/2001	Barium	280	µg/L		T
MW-04S	1/1/2001	Benzene	10	µg/L	U	T
MW-04S	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-04S	1/1/2001	Cadmium	0.6	µg/L	U	T
MW-04S	1/1/2001	Calcium	5700	µg/L		T
MW-04S	1/1/2001	Caprolactam	2	µg/L		T
MW-04S	1/1/2001	Chloride	19	mg/L		T
MW-04S	1/1/2001	Chloroform	2	µg/L		T
MW-04S	1/1/2001	Chromium (III+VI)	73	µg/L		T
MW-04S	1/1/2001	cis-1,2-Dichloroethene	8	µg/L		T
MW-04S	1/1/2001	Cobalt	1.4	µg/L	U	T
MW-04S	1/1/2001	Copper	5	µg/L		T
MW-04S	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-04S	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-04S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-04S	1/1/2001	Dissolved Oxygen	3.93	mg/l		T
MW-04S	1/1/2001	Endrin	0.01	µg/L	U	T
MW-04S	1/1/2001	Ethane	2.6	µg/L	U	T
MW-04S	1/1/2001	Ethene	2.6	µg/L	U	T
MW-04S	1/1/2001	Ferrous Iron	0	mg/l	U	T
MW-04S	1/1/2001	gamma-Chlordane	0.014	µg/L		T
MW-04S	1/1/2001	Heptachlor epoxide	0.023	µg/L		T
MW-04S	1/1/2001	Laboratory artifacts/#	22	µg/L		T
MW-04S	1/1/2001	Lead	3.5	µg/L		T
MW-04S	1/1/2001	Methane	1.4	µg/L	U	T
MW-04S	1/1/2001	Nitrate (as N)	5	mg/L		T
MW-04S	1/1/2001	ORP	195	mV		T
MW-04S	1/1/2001	Sulfallate	51	mg/l		T
MW-04S	1/1/2001	Sulphate	51	mg/L		T
MW-04S	1/1/2001	Tetrachloroethene	85	µg/L		T
MW-04S	1/1/2001	TOC	5.6	mg/L		T
MW-04S	1/1/2001	Trichloroethene	10	µg/L		T
MW-04S	1/1/2001	Unknown With Highest Conc.	5	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	1/1/2001	Vanadium	5.2	µg/L		T
MW-04S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-04S	1/1/2001	Zinc	15	µg/L		T
MW-04S	1/18/2001	Dissolved Oxygen	3.93	mg/l		T
MW-04S	1/18/2001	Electrical conductivity *(lab)	288	umhos/cm		T
MW-04S	1/18/2001	Ferrous Iron	0.5	mg/l	U	T
MW-04S	1/18/2001	ORP	195	millivolts		T
MW-04S	1/18/2001	pH	5.5	SU		T
MW-04S	1/18/2001	Temp	22.4	degree C		T
MW-04S	1/18/2001	Turbidity	1	NTU		T
MW-04S	2/1/2002	Aluminium	100	µg/L		F
MW-04S	2/1/2002	Aluminium	520	µg/L		T
MW-04S	2/1/2002	Antimony	3.1	µg/L	U	F
MW-04S	2/1/2002	Antimony	3.1	µg/L	U	T
MW-04S	2/1/2002	Arsenic	2.6	µg/L	U	F
MW-04S	2/1/2002	Arsenic	2.6	µg/L	U	T
MW-04S	2/1/2002	Barium	150	µg/L		F
MW-04S	2/1/2002	Barium	170	µg/L		T
MW-04S	2/1/2002	Beryllium	0.43	µg/L	U	T
MW-04S	2/1/2002	Beryllium	0.52	µg/L	U	F
MW-04S	2/1/2002	Calcium	5700	µg/L		T
MW-04S	2/1/2002	Calcium	7000	µg/L		F
MW-04S	2/1/2002	Chromium (hexavalent)	50	µg/L	U	T
MW-04S	2/1/2002	Chromium (III+VI)	1	µg/L	U	F
MW-04S	2/1/2002	Chromium (III+VI)	5.3	µg/L		T
MW-04S	2/1/2002	Cobalt	1.3	µg/L	U	F
MW-04S	2/1/2002	Cobalt	1.3	µg/L	U	T
MW-04S	2/1/2002	Copper	1.2	µg/L	U	T
MW-04S	2/1/2002	Copper	3	µg/L		F
MW-04S	2/1/2002	Dissolved Oxygen	2.3	mg/L		T
MW-04S	2/1/2002	Ferrous Iron	0	mg/L	U	T
MW-04S	2/1/2002	Iron	12	µg/L	U	F
MW-04S	2/1/2002	Iron	450	µg/L		T
MW-04S	2/1/2002	Lead	1.9	µg/L	U	T
MW-04S	2/1/2002	Magnesium	2500	µg/L		T
MW-04S	2/1/2002	Magnesium	3100	µg/L		F
MW-04S	2/1/2002	Manganese	44	µg/L		F
MW-04S	2/1/2002	Manganese	49	µg/L		T
MW-04S	2/1/2002	Mercury	0.1	µg/L	U	F
MW-04S	2/1/2002	Mercury	0.1	µg/L	U	T
MW-04S	2/1/2002	Nickel	2.6	µg/L	U	F
MW-04S	2/1/2002	Nickel	2.7	µg/L		T
MW-04S	2/1/2002	ORP	192	mV		T
MW-04S	2/1/2002	Potassium	12000	µg/L		T
MW-04S	2/1/2002	Potassium	13000	µg/L		F
MW-04S	2/1/2002	Selenium	4.7	µg/L		F
MW-04S	2/1/2002	Selenium	5.6	µg/L		T
MW-04S	2/1/2002	Sodium	50000	µg/L		F
MW-04S	2/1/2002	Sodium	50000	µg/L		T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	2/1/2002	Thallium	4.3	µg/L	U	F
MW-04S	2/1/2002	Thallium	4.3	µg/L	U	T
MW-04S	2/1/2002	Vanadium	1.5	µg/L	U	F
MW-04S	2/1/2002	Vanadium	1.5	µg/L	U	T
MW-04S	2/1/2002	Zinc	6.9	µg/L		F
MW-04S	2/1/2002	Zinc	9.5	µg/L		T
MW-04S	2/12/2002	Dissolved Oxygen	2.3	mg/l		T
MW-04S	2/12/2002	Electrical conductivity *(lab)	343	umhos/cm		T
MW-04S	2/12/2002	Ferrous Iron	0	mg/l	U	T
MW-04S	2/12/2002	ORP	192	millivolts		T
MW-04S	2/12/2002	pH	5.91	SU		T
MW-04S	2/12/2002	Temp	22.5	degree C		T
MW-04S	2/12/2002	Turbidity	0	NTU	U	T
MW-04S	7/1/2007	Chloride	21	mg/L		T
MW-04S	7/1/2007	Dissolved Oxygen	3.6	mg/L		T
MW-04S	7/1/2007	Ferrous Iron	0.46	mg/L		T
MW-04S	7/1/2007	Nitrate (as N)	3.8	mg/L		T
MW-04S	7/1/2007	ORP	258	mV		T
MW-04S	7/1/2007	Sulfallate	60	mg/L		T
MW-04S	7/1/2007	Sulfide	0.61	mg/L		T
MW-04S	7/1/2007	TOC	7	mg/L		T
MW-04S	7/25/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-04S	7/25/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-04S	7/25/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-04S	7/25/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-04S	7/25/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-04S	7/25/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-04S	7/25/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-04S	7/25/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-04S	7/25/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-04S	7/25/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-04S	7/25/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-04S	7/25/2007	Benzene	5	µg/L	U	T
MW-04S	7/25/2007	Bromobenzene	5	µg/L	U	T
MW-04S	7/25/2007	Bromoform	5	µg/L	U	T
MW-04S	7/25/2007	Carbon tetrachloride	5	µg/L	U	T
MW-04S	7/25/2007	Chloride	21	mg/l		T
MW-04S	7/25/2007	Chlorobenzene	5	µg/L	U	T
MW-04S	7/25/2007	Chlorodibromomethane	5	µg/L	U	T
MW-04S	7/25/2007	Chloroethane	5	µg/L	U	T
MW-04S	7/25/2007	Chloroform	5	µg/L	U	T
MW-04S	7/25/2007	Chloromethane	5	µg/L	U	T
MW-04S	7/25/2007	Chromium (III+VI)	67	µg/L		T
MW-04S	7/25/2007	cis-1,2-Dichloroethene	17	µg/L		T
MW-04S	7/25/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-04S	7/25/2007	Dissolved Oxygen	3.6	mg/l		T
MW-04S	7/25/2007	Ethylbenzene	5	µg/L	U	T
MW-04S	7/25/2007	Ferrous Iron	0.46	mg/l		T
MW-04S	7/25/2007	Lead	5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	7/25/2007	Methylene chloride	5	µg/L	U	T
MW-04S	7/25/2007	Nitrate (as N)	3.8	mg/l		T
MW-04S	7/25/2007	ORP	258	mV		T
MW-04S	7/25/2007	Oxidation-Reduction Potential	258	mV		T
MW-04S	7/25/2007	Oxygen	3.6	mg/l		T
MW-04S	7/25/2007	pH	5.48	pH units		T
MW-04S	7/25/2007	Specific Conductance	0.347	S/m		T
MW-04S	7/25/2007	Sulfide	0.061	mg/l		T
MW-04S	7/25/2007	Sulphate	60	mg/l		T
MW-04S	7/25/2007	Temp	22.8	deg C		T
MW-04S	7/25/2007	Tetrachloroethene	120	µg/L		T
MW-04S	7/25/2007	Thallium	10	µg/L	U	T
MW-04S	7/25/2007	TOC	7	mg/l		T
MW-04S	7/25/2007	Toluene	5	µg/L	U	T
MW-04S	7/25/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-04S	7/25/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-04S	7/25/2007	Trichloroethene	11	µg/L		T
MW-04S	7/25/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-04S	7/25/2007	Turbidity	16	NTU		T
MW-04S	7/25/2007	Vinyl chloride	5	µg/L	U	T
MW-04S	4/21/2009	1,1,1,2-Tetrachloroethane	0.07	µg/L		T
MW-04S	4/21/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-04S	4/21/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-04S	4/21/2009	1,2-Dichlorobenzene	0.03	µg/L		T
MW-04S	4/21/2009	1,2-Dichloroethene	0.3	µg/L		T
MW-04S	4/21/2009	Aluminium	14	µg/L		T
MW-04S	4/21/2009	Arsenic	0.2	µg/L	U	T
MW-04S	4/21/2009	Barium	55.9	µg/L		T
MW-04S	4/21/2009	Benzene	0.01	µg/L		T
MW-04S	4/21/2009	Beryllium	0.13	µg/L		T
MW-04S	4/21/2009	Cadmium	0.06	µg/L	U	T
MW-04S	4/21/2009	Calcium	7.09	µg/L		T
MW-04S	4/21/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-04S	4/21/2009	Chloroform	1.96	µg/L		T
MW-04S	4/21/2009	Chromium (III+VI)	1.2	µg/L		T
MW-04S	4/21/2009	cis-1,2-Dichloroethene	18.8	µg/L		T
MW-04S	4/21/2009	Cobalt	0.25	µg/L		T
MW-04S	4/21/2009	Copper	101	µg/L		T
MW-04S	4/21/2009	Diisopropyl ether	0.22	µg/L		T
MW-04S	4/21/2009	Dissolved Oxygen	6.4	mg/L		T
MW-04S	4/21/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.18	µg/L		T
MW-04S	4/21/2009	Ethyl ether	0.1	µg/L	U	T
MW-04S	4/21/2009	Ferrous Iron	0.01	mg/L		T
MW-04S	4/21/2009	Iron	12	µg/L		T
MW-04S	4/21/2009	Lead	0.18	µg/L		T
MW-04S	4/21/2009	Lithium	0.08	µg/L	U	T
MW-04S	4/21/2009	Magnesium	3.3	µg/L		T
MW-04S	4/21/2009	Manganese	18.7	µg/L		T
MW-04S	4/21/2009	Mercury	0.01	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	4/21/2009	Methylene chloride	0.04	µg/L	U	T
MW-04S	4/21/2009	Molybdenum	0.1	µg/L	U	T
MW-04S	4/21/2009	MTBE	0.1	µg/L	U	T
MW-04S	4/21/2009	Nickel	1.1	µg/L		T
MW-04S	4/21/2009	Nitrate (as N)	4.5	mg/L		T
MW-04S	4/21/2009	pH	5.6	pH units		T
MW-04S	4/21/2009	Potassium	13	µg/L		T
MW-04S	4/21/2009	Selenium	3.3	µg/L		T
MW-04S	4/21/2009	Silver	0.06	µg/L	U	T
MW-04S	4/21/2009	Sodium	45.1	µg/L		T
MW-04S	4/21/2009	Specific Conductance	322	uS/cm		T
MW-04S	4/21/2009	Strontium	54	µg/L		T
MW-04S	4/21/2009	Sulfide	0	mg/L	U	T
MW-04S	4/21/2009	Sulphate	19	mg/L		T
MW-04S	4/21/2009	Temp	21.5	degree C		T
MW-04S	4/21/2009	Tetrachloroethene	84.8	µg/L		T
MW-04S	4/21/2009	Toluene	0.02	µg/L	U	T
MW-04S	4/21/2009	trans-1,2-Dichloroethene	0.18	µg/L		T
MW-04S	4/21/2009	Trichloroethene	9.62	µg/L		T
MW-04S	4/21/2009	Trichlorofluoromethane	0.08	µg/L		T
MW-04S	4/21/2009	Turbidity	1.3	NTU		T
MW-04S	4/21/2009	Vinyl chloride	0.1	µg/L	U	T
MW-04S	4/21/2009	Zinc	4	µg/L	U	T
MW-04S	5/12/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-04S	5/12/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-04S	5/12/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-04S	5/12/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-04S	5/12/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-04S	5/12/2010	1,2-dichloropropane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-04S	5/12/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-04S	5/12/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-04S	5/12/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-04S	5/12/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-04S	5/12/2010	Acetone	4	µg/L	U	T
MW-04S	5/12/2010	Aluminium	630	µg/L		T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	5/12/2010	Antimony	2	µg/L	U	T
MW-04S	5/12/2010	Arsenic	0.29	µg/L		T
MW-04S	5/12/2010	Barium	420	µg/L		T
MW-04S	5/12/2010	Benzene	0.5	µg/L	U	T
MW-04S	5/12/2010	Beryllium	0.33	µg/L		T
MW-04S	5/12/2010	Bromobenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	Bromochloromethane	0.5	µg/L	U	T
MW-04S	5/12/2010	Bromoform	1	µg/L	U	T
MW-04S	5/12/2010	Bromomethane	2	µg/L	U	T
MW-04S	5/12/2010	Cadmium	1	µg/L	U	T
MW-04S	5/12/2010	Calcium	6600	µg/L		T
MW-04S	5/12/2010	Carbon disulfide	0.5	µg/L	U	T
MW-04S	5/12/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-04S	5/12/2010	Chlorobenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-04S	5/12/2010	Chloroethane	0.5	µg/L	U	T
MW-04S	5/12/2010	Chloroform	1.4	µg/L		T
MW-04S	5/12/2010	Chloromethane	0.5	µg/L	U	T
MW-04S	5/12/2010	Chromium (III+VI)	4.3	µg/L		T
MW-04S	5/12/2010	cis-1,2-Dichloroethene	6.7	µg/L		T
MW-04S	5/12/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-04S	5/12/2010	Cobalt	0.79	µg/L		T
MW-04S	5/12/2010	Copper	1.9	µg/L		T
MW-04S	5/12/2010	Cyclohexane	0.5	µg/L	U	T
MW-04S	5/12/2010	Dibromomethane	0.5	µg/L	U	T
MW-04S	5/12/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-04S	5/12/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-04S	5/12/2010	Ethylbenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-04S	5/12/2010	Iron	720	µg/L		T
MW-04S	5/12/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	Lead	0.78	µg/L		T
MW-04S	5/12/2010	Magnesium	3000	µg/L		T
MW-04S	5/12/2010	Manganese	33	µg/L		T
MW-04S	5/12/2010	Methyl acetate	1	µg/L	U	T
MW-04S	5/12/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-04S	5/12/2010	Methylbenzanthracene	1	µg/L	U	T
MW-04S	5/12/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-04S	5/12/2010	Methylene chloride	0.5	µg/L	U	T
MW-04S	5/12/2010	M-P-XYLENE	1	µg/L	U	T
MW-04S	5/12/2010	MTBE	0.5	µg/L	U	T
MW-04S	5/12/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	Nickel	2.3	µg/L		T
MW-04S	5/12/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-04S	5/12/2010	Potassium	9600	µg/L		T
MW-04S	5/12/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	Selenium	4.4	µg/L		T
MW-04S	5/12/2010	Silver	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	5/12/2010	Sodium	47000	µg/L		T
MW-04S	5/12/2010	Styrene	0.5	µg/L	U	T
MW-04S	5/12/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-04S	5/12/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-04S	5/12/2010	Tetrachloroethene	62	µg/L		T
MW-04S	5/12/2010	Thallium	1	µg/L	U	T
MW-04S	5/12/2010	Toluene	0.5	µg/L	U	T
MW-04S	5/12/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-04S	5/12/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-04S	5/12/2010	Trichloroethene	4.8	µg/L		T
MW-04S	5/12/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-04S	5/12/2010	Vanadium	1	µg/L		T
MW-04S	5/12/2010	Vinyl chloride	0.5	µg/L	U	T
MW-04S	5/12/2010	Xylene (o)	0.5	µg/L	U	T
MW-04S	5/12/2010	Xylene Total	0.5	µg/L	U	T
MW-04S	5/12/2010	Zinc	9.4	µg/L		T
MW-04S	5/18/2010	Dichlorodifluoromethane	4.89	µg/L		
MW-04S	5/18/2010	Dichlorodifluoromethane	5	µg/L		
MW-04S	5/18/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	1340	µg/L		
MW-04S	5/18/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	1390	µg/L		
MW-04S	5/18/2010	Trichlorofluoromethane	9.76	µg/L		
MW-04S	5/18/2010	Trichlorofluoromethane	12.4	µg/L		
MW-04S	10/26/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-04S	10/26/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-04S	10/26/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-04S	10/26/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-04S	10/26/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-04S	10/26/2011	1,2-dichloropropane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-04S	10/26/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-04S	10/26/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-04S	10/26/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-04S	10/26/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-04S	10/26/2011	Acetone	4	µg/L	U	T
MW-04S	10/26/2011	Aluminium	2500	µg/L		T
MW-04S	10/26/2011	Aluminium	2800	µg/L		T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	10/26/2011	Antimony	1	µg/L	U	T
MW-04S	10/26/2011	Arsenic	1.3	µg/L	U	T
MW-04S	10/26/2011	Barium	590	µg/L		T
MW-04S	10/26/2011	Barium	630	µg/L		T
MW-04S	10/26/2011	Benzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Beryllium	3	µg/L	U	T
MW-04S	10/26/2011	Bromobenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Bromochloromethane	0.5	µg/L	U	T
MW-04S	10/26/2011	Bromoform	1	µg/L	U	T
MW-04S	10/26/2011	Bromomethane	2	µg/L	U	T
MW-04S	10/26/2011	Cadmium	0.5	µg/L	U	T
MW-04S	10/26/2011	Calcium	9700	µg/L		T
MW-04S	10/26/2011	Calcium	9800	µg/L		T
MW-04S	10/26/2011	Carbon disulfide	0.5	µg/L	U	T
MW-04S	10/26/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-04S	10/26/2011	Chlorobenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-04S	10/26/2011	Chloroethane	2	µg/L	U	T
MW-04S	10/26/2011	Chloroform	0.66	µg/L		T
MW-04S	10/26/2011	Chloroform	0.67	µg/L		T
MW-04S	10/26/2011	Chloromethane	0.5	µg/L	U	T
MW-04S	10/26/2011	Chromium (III+VI)	14	µg/L		T
MW-04S	10/26/2011	cis-1,2-Dichloroethene	2.2	µg/L		T
MW-04S	10/26/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-04S	10/26/2011	Cobalt	5	µg/L	U	T
MW-04S	10/26/2011	Copper	10	µg/L	U	T
MW-04S	10/26/2011	Cyclohexane	0.5	µg/L	U	T
MW-04S	10/26/2011	Dibromomethane	0.5	µg/L	U	T
MW-04S	10/26/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-04S	10/26/2011	Dissolved Oxygen	3.46	mg/l		T
MW-04S	10/26/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-04S	10/26/2011	Ethylbenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-04S	10/26/2011	Iron	3400	µg/L		T
MW-04S	10/26/2011	Iron	3800	µg/L		T
MW-04S	10/26/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Lead	2.1	µg/L		T
MW-04S	10/26/2011	Lead	2.2	µg/L		T
MW-04S	10/26/2011	M AND P XYLENES	1	µg/L	U	T
MW-04S	10/26/2011	Magnesium	5100	µg/L		T
MW-04S	10/26/2011	Magnesium	5200	µg/L		T
MW-04S	10/26/2011	Manganese	38	µg/L		T
MW-04S	10/26/2011	Manganese	40	µg/L		T
MW-04S	10/26/2011	Mercury	0.1	µg/L	U	T
MW-04S	10/26/2011	Methyl acetate	1	µg/L	U	T
MW-04S	10/26/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-04S	10/26/2011	Methylbenzanthracene	1	µg/L	U	T
MW-04S	10/26/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-04S	10/26/2011	Methylene chloride	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-04S	10/26/2011	Molybdenum	5	µg/L	U	T
MW-04S	10/26/2011	MTBE	0.5	µg/L	U	T
MW-04S	10/26/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Nickel	10	µg/L	U	T
MW-04S	10/26/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Oxidation-Reduction Potential	243.6	mV		T
MW-04S	10/26/2011	pH	5.55	pH Units		T
MW-04S	10/26/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-04S	10/26/2011	Potassium	12000	µg/L		T
MW-04S	10/26/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Selenium	4.1	µg/L		T
MW-04S	10/26/2011	Selenium	4.4	µg/L		T
MW-04S	10/26/2011	Silver	5	µg/L	U	T
MW-04S	10/26/2011	Sodium	43000	µg/L		T
MW-04S	10/26/2011	Specific Conductance	341	umhos/cm		T
MW-04S	10/26/2011	Strontium	73	µg/L		T
MW-04S	10/26/2011	Strontium	74	µg/L	U	T
MW-04S	10/26/2011	Styrene	0.5	µg/L	U	T
MW-04S	10/26/2011	Temp	23.2	°C		T
MW-04S	10/26/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-04S	10/26/2011	Tetrachloroethene	38	µg/L		T
MW-04S	10/26/2011	Thallium	1	µg/L	U	T
MW-04S	10/26/2011	Tin	15	µg/L	U	T
MW-04S	10/26/2011	Titanium	29	µg/L		T
MW-04S	10/26/2011	Titanium	34	µg/L		T
MW-04S	10/26/2011	Toluene	0.5	µg/L	U	T
MW-04S	10/26/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-04S	10/26/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-04S	10/26/2011	Trichloroethene	2.8	µg/L		T
MW-04S	10/26/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-04S	10/26/2011	Turbidity	0.25	NTU		T
MW-04S	10/26/2011	Vanadium	5	µg/L	U	T
MW-04S	10/26/2011	Vinyl chloride	0.5	µg/L	U	T
MW-04S	10/26/2011	Xylene (o)	0.5	µg/L	U	T
MW-04S	10/26/2011	Xylene Total	0.5	µg/L	U	T
MW-04S	10/26/2011	Yttrium	3.5	µg/L		T
MW-04S	10/26/2011	Yttrium	3.8	µg/L		T
MW-04S	10/26/2011	Zinc	21	µg/L		T
MW-05I	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	88	mg/L		T
MW-05I	1/1/2000	Ammonia	0.82	mg/L		T
MW-05I	1/1/2000	Chloride	5.3	mg/L		T
MW-05I	1/1/2000	Ethane	0.34	µg/L		T
MW-05I	1/1/2000	Ethene	2.6	µg/L	U	T
MW-05I	1/1/2000	Methane	1.3	µg/L		T
MW-05I	1/1/2000	Nitrate (as N)	0.4	mg/L		T
MW-05I	1/1/2000	Sulphate	40	mg/L		T
MW-05I	1/1/2000	TOC	6.8	mg/L		T
MW-05I	5/4/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-05I	5/4/2000	1,2-Dichloroethene	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	5/4/2000	4,4-Butylidenebis[2]phenol	10	µg/L		T
MW-05I	5/4/2000	Acetone	10	µg/L	U	T
MW-05I	5/4/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-05I	5/4/2000	Aluminium	130000	µg/L		T
MW-05I	5/4/2000	Antimony	2.6	µg/L	U	T
MW-05I	5/4/2000	Arsenic	18	µg/L		T
MW-05I	5/4/2000	Barium	270	µg/L		T
MW-05I	5/4/2000	Benzene	10	µg/L	U	T
MW-05I	5/4/2000	Beryllium	6.3	µg/L		T
MW-05I	5/4/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-05I	5/4/2000	Cadmium	3.4	µg/L	U	T
MW-05I	5/4/2000	Calcium	21000	µg/L		T
MW-05I	5/4/2000	Caprolactam	10	µg/L	U	T
MW-05I	5/4/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-05I	5/4/2000	Chloroform	11	µg/L		T
MW-05I	5/4/2000	Chromium (III+VI)	110	µg/L		T
MW-05I	5/4/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-05I	5/4/2000	Cobalt	6.8	µg/L	U	T
MW-05I	5/4/2000	Copper	62	µg/L	U	T
MW-05I	5/4/2000	Cyanide Total	10	µg/L	U	T
MW-05I	5/4/2000	Cyclohexane	10	µg/L	U	T
MW-05I	5/4/2000	Dieldrin	0.1	µg/L	U	T
MW-05I	5/4/2000	Diethylene glycol, monobutyl ether	2	µg/L		T
MW-05I	5/4/2000	Dissolved Oxygen	10.24	mg/L		T
MW-05I	5/4/2000	Dodecanoic Acid	2	µg/L		T
MW-05I	5/4/2000	Electrical conductivity *(lab)	0.076	umhos/cm		T
MW-05I	5/4/2000	Endrin ketone	0.1	µg/L	U	T
MW-05I	5/4/2000	Ethylbenzene	10	µg/L	U	T
MW-05I	5/4/2000	Ferrous Iron	0.05	mg/L		T
MW-05I	5/4/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-05I	5/4/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-05I	5/4/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-05I	5/4/2000	Hexadecanoic Acid	3	µg/L		T
MW-05I	5/4/2000	Iron	49000	µg/L		T
MW-05I	5/4/2000	Lead	32	µg/L		T
MW-05I	5/4/2000	Magnesium	21000	µg/L		T
MW-05I	5/4/2000	Manganese	1000	µg/L		T
MW-05I	5/4/2000	Mercury	0.1	µg/L	U	T
MW-05I	5/4/2000	Methyl acetate	10	µg/L	U	T
MW-05I	5/4/2000	Methylcyclohexane	10	µg/L	U	T
MW-05I	5/4/2000	Nickel	70	µg/L		T
MW-05I	5/4/2000	N-Tridecane	0.34	µg/L		T
MW-05I	5/4/2000	N-Tridecane	1.3	µg/L		T
MW-05I	5/4/2000	N-Tridecane	2.6	µg/L		T
MW-05I	5/4/2000	N-Tridecane	4	µg/L		T
MW-05I	5/4/2000	N-Tridecane	10	µg/L		T
MW-05I	5/4/2000	N-Tridecane	25	µg/L		T
MW-05I	5/4/2000	N-Tridecane	210	µg/L		T
MW-05I	5/4/2000	Octanoic Acid	4	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	5/4/2000	ORP	150	millivolts		T
MW-05I	5/4/2000	pH	6.13	pH Units		T
MW-05I	5/4/2000	pH	6.13	SU		T
MW-05I	5/4/2000	Phenol	10	µg/L	U	T
MW-05I	5/4/2000	Potassium	6400	µg/L		T
MW-05I	5/4/2000	Selenium	4.2	µg/L	U	T
MW-05I	5/4/2000	Silver	3	µg/L	U	T
MW-05I	5/4/2000	Sodium	79000	µg/L		T
MW-05I	5/4/2000	Specific Conductance	76	umhos/cm		T
MW-05I	5/4/2000	Temp	22.7	degree C		T
MW-05I	5/4/2000	Tetrachloroethene	10	µg/L	U	T
MW-05I	5/4/2000	Thallium	3.5	µg/L	U	T
MW-05I	5/4/2000	Toluene	10	µg/L		T
MW-05I	5/4/2000	Trichloroethene	10	µg/L	U	T
MW-05I	5/4/2000	Turbidity	28	NTU		T
MW-05I	5/4/2000	Unknown Compound	210	µg/L		T
MW-05I	5/4/2000	Vanadium	46	µg/L	U	T
MW-05I	5/4/2000	Xylene Total	10	µg/L	U	T
MW-05I	5/4/2000	Zinc	200	µg/L		T
MW-05I	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-05I	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-05I	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-05I	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-05I	1/1/2001	Aluminium	270	µg/L		T
MW-05I	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-05I	1/1/2001	Barium	55	µg/L		T
MW-05I	1/1/2001	Benzene	10	µg/L	U	T
MW-05I	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-05I	1/1/2001	Cadmium	1.8	µg/L		T
MW-05I	1/1/2001	Calcium	5000	µg/L		T
MW-05I	1/1/2001	Caprolactam	10	µg/L	U	T
MW-05I	1/1/2001	Chloroform	10	µg/L	U	T
MW-05I	1/1/2001	Chromium (III+VI)	22	µg/L		T
MW-05I	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-05I	1/1/2001	Cobalt	2.6	µg/L		T
MW-05I	1/1/2001	Copper	12	µg/L	U	T
MW-05I	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-05I	1/1/2001	Decamethyl-Cyclopentasiloxane	3	µg/L		T
MW-05I	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-05I	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-05I	1/1/2001	Endrin	0.01	µg/L	U	T
MW-05I	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-05I	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-05I	1/1/2001	Iron	480	µg/L		T
MW-05I	1/1/2001	Lead	1.9	µg/L	U	T
MW-05I	1/1/2001	Magnesium	660	µg/L		T
MW-05I	1/1/2001	Manganese	100	µg/L		T
MW-05I	1/1/2001	Mercury	0.11	µg/L	U	T
MW-05I	1/1/2001	Nickel	21	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	1/1/2001	Potassium	1800	µg/L		T
MW-05I	1/1/2001	Sodium	6700	µg/L		T
MW-05I	1/1/2001	Tetrachloroethene	5	µg/L		T
MW-05I	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-05I	1/1/2001	Vanadium	0.7	µg/L	U	T
MW-05I	1/1/2001	Xylene Total	10	µg/L	U	T
MW-05I	1/1/2001	Zinc	12	µg/L		T
MW-05I	1/20/2001	Dissolved Oxygen	4.19	mg/l		T
MW-05I	1/20/2001	Electrical conductivity *(lab)	58	umhos/cm		T
MW-05I	1/20/2001	Ferrous Iron	0.5	mg/l	U	T
MW-05I	1/20/2001	ORP	245	millivolts		T
MW-05I	1/20/2001	pH	5.59	SU		T
MW-05I	1/20/2001	Temp	20.1	degree C		T
MW-05I	1/20/2001	Turbidity	2	NTU		T
MW-05I	7/26/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-05I	7/26/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-05I	7/26/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-05I	7/26/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-05I	7/26/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-05I	7/26/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-05I	7/26/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-05I	7/26/2007	1,2-dichloropropane	5	µg/L	U	T
MW-05I	7/26/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-05I	7/26/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-05I	7/26/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-05I	7/26/2007	Benzene	5	µg/L	U	T
MW-05I	7/26/2007	Bromoform	5	µg/L	U	T
MW-05I	7/26/2007	Bromomethane	5	µg/L	U	T
MW-05I	7/26/2007	Carbon tetrachloride	5	µg/L	U	T
MW-05I	7/26/2007	Chlorobenzene	5	µg/L	U	T
MW-05I	7/26/2007	Chlorodibromomethane	5	µg/L	U	T
MW-05I	7/26/2007	Chloroethane	5	µg/L	U	T
MW-05I	7/26/2007	Chloroform	5	µg/L	U	T
MW-05I	7/26/2007	Chloromethane	5	µg/L	U	T
MW-05I	7/26/2007	Chromium (III+VI)	12	µg/L		T
MW-05I	7/26/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-05I	7/26/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-05I	7/26/2007	Dissolved Oxygen	6.1	mg/l		T
MW-05I	7/26/2007	Ethylbenzene	5	µg/L	U	T
MW-05I	7/26/2007	Lead	5	µg/L	U	T
MW-05I	7/26/2007	Methylene chloride	5	µg/L	U	T
MW-05I	7/26/2007	pH	5.57	pH units		T
MW-05I	7/26/2007	Specific Conductance	0.059	S/m		T
MW-05I	7/26/2007	Temp	22.9	deg C		T
MW-05I	7/26/2007	Tetrachloroethene	5	µg/L	U	T
MW-05I	7/26/2007	Thallium	10	µg/L	U	T
MW-05I	7/26/2007	Toluene	5	µg/L	U	T
MW-05I	7/26/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-05I	7/26/2007	trans-1,3-Dichloropropene	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	7/26/2007	Trichloroethene	5	µg/L	U	T
MW-05I	7/26/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-05I	7/26/2007	Turbidity	67.3	NTU		T
MW-05I	7/26/2007	Vinyl chloride	5	µg/L	U	T
MW-05I	4/8/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-05I	4/8/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-05I	4/8/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-05I	4/8/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-05I	4/8/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-05I	4/8/2009	Aluminium	6	µg/L		T
MW-05I	4/8/2009	Arsenic	0.2	µg/L	U	T
MW-05I	4/8/2009	Barium	25.4	µg/L		T
MW-05I	4/8/2009	Benzene	0.02	µg/L	U	T
MW-05I	4/8/2009	Beryllium	0.2	µg/L	U	T
MW-05I	4/8/2009	Cadmium	0.06	µg/L	U	T
MW-05I	4/8/2009	Calcium	4.26	µg/L		T
MW-05I	4/8/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-05I	4/8/2009	Chloroform	0.04	µg/L	U	T
MW-05I	4/8/2009	Chromium (III+VI)	2.4	µg/L		T
MW-05I	4/8/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-05I	4/8/2009	Cobalt	0.1	µg/L	U	T
MW-05I	4/8/2009	Copper	30	µg/L		T
MW-05I	4/8/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-05I	4/8/2009	Dissolved Oxygen	6.6	mg/L		T
MW-05I	4/8/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-05I	4/8/2009	Ethyl ether	0.1	µg/L	U	T
MW-05I	4/8/2009	Ferrous Iron	0.01	mg/L		T
MW-05I	4/8/2009	Iron	9	µg/L		T
MW-05I	4/8/2009	Lead	0.31	µg/L		T
MW-05I	4/8/2009	Lithium	2	µg/L		T
MW-05I	4/8/2009	Magnesium	0.58	µg/L		T
MW-05I	4/8/2009	Manganese	0.9	µg/L		T
MW-05I	4/8/2009	Mercury	0.01	µg/L	U	T
MW-05I	4/8/2009	Methylene chloride	0.04	µg/L	U	T
MW-05I	4/8/2009	Molybdenum	0.1	µg/L	U	T
MW-05I	4/8/2009	MTBE	0.1	µg/L	U	T
MW-05I	4/8/2009	Nickel	0.61	µg/L		T
MW-05I	4/8/2009	Nitrate (as N)	2.2	mg/L		T
MW-05I	4/8/2009	pH	5.8	pH units		T
MW-05I	4/8/2009	Potassium	2.04	µg/L		T
MW-05I	4/8/2009	Selenium	0.12	µg/L	U	T
MW-05I	4/8/2009	Silver	0.06	µg/L	U	T
MW-05I	4/8/2009	Sodium	4.8	µg/L		T
MW-05I	4/8/2009	Specific Conductance	60	uS/cm		T
MW-05I	4/8/2009	Strontium	73.7	µg/L		T
MW-05I	4/8/2009	Sulfide	0	mg/L	U	T
MW-05I	4/8/2009	Sulphate	1	mg/L		T
MW-05I	4/8/2009	Temp	21.7	degree C		T
MW-05I	4/8/2009	Tetrachloroethene	7.77	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	4/8/2009	Toluene	0.02	µg/L	U	T
MW-05I	4/8/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-05I	4/8/2009	Trichloroethene	0.51	µg/L		T
MW-05I	4/8/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-05I	4/8/2009	Turbidity	0.6	NTU		T
MW-05I	4/8/2009	Vinyl chloride	0.1	µg/L	U	T
MW-05I	4/8/2009	Zinc	4	µg/L	U	T
MW-05I	5/12/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-05I	5/12/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-05I	5/12/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-05I	5/12/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-05I	5/12/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-05I	5/12/2010	1,2-dichloropropane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-05I	5/12/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-05I	5/12/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-05I	5/12/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-05I	5/12/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-05I	5/12/2010	Acetone	4	µg/L	U	T
MW-05I	5/12/2010	Aluminium	120	µg/L		T
MW-05I	5/12/2010	Aluminium	330	µg/L		T
MW-05I	5/12/2010	Antimony	2	µg/L	U	T
MW-05I	5/12/2010	Arsenic	0.062	µg/L		T
MW-05I	5/12/2010	Arsenic	0.1	µg/L		T
MW-05I	5/12/2010	Barium	23	µg/L		T
MW-05I	5/12/2010	Barium	28	µg/L		T
MW-05I	5/12/2010	Benzene	0.5	µg/L	U	T
MW-05I	5/12/2010	Beryllium	1	µg/L	U	T
MW-05I	5/12/2010	Bromobenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	Bromochloromethane	0.5	µg/L	U	T
MW-05I	5/12/2010	Bromoform	1	µg/L	U	T
MW-05I	5/12/2010	Bromomethane	2	µg/L	U	T
MW-05I	5/12/2010	Cadmium	0.39	µg/L		T
MW-05I	5/12/2010	Cadmium	1.9	µg/L		T
MW-05I	5/12/2010	Calcium	4200	µg/L		T
MW-05I	5/12/2010	Calcium	4600	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	5/12/2010	Carbon disulfide	0.5	µg/L	U	T
MW-05I	5/12/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-05I	5/12/2010	Chlorobenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-05I	5/12/2010	Chloroethane	0.5	µg/L	U	T
MW-05I	5/12/2010	Chloroform	0.5	µg/L	U	T
MW-05I	5/12/2010	Chloromethane	0.5	µg/L	U	T
MW-05I	5/12/2010	Chromium (III+VI)	2.1	µg/L		T
MW-05I	5/12/2010	Chromium (III+VI)	3.4	µg/L		T
MW-05I	5/12/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-05I	5/12/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-05I	5/12/2010	Cobalt	0.43	µg/L		T
MW-05I	5/12/2010	Cobalt	0.87	µg/L		T
MW-05I	5/12/2010	Copper	4.9	µg/L		T
MW-05I	5/12/2010	Copper	18	µg/L		T
MW-05I	5/12/2010	Cyclohexane	0.5	µg/L	U	T
MW-05I	5/12/2010	Dibromomethane	0.5	µg/L	U	T
MW-05I	5/12/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-05I	5/12/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-05I	5/12/2010	Ethylbenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-05I	5/12/2010	Iron	290	µg/L		T
MW-05I	5/12/2010	Iron	1300	µg/L		T
MW-05I	5/12/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	Lead	0.38	µg/L		T
MW-05I	5/12/2010	Lead	1.2	µg/L		T
MW-05I	5/12/2010	Magnesium	620	µg/L		T
MW-05I	5/12/2010	Magnesium	690	µg/L		T
MW-05I	5/12/2010	Manganese	8.3	µg/L		T
MW-05I	5/12/2010	Manganese	31	µg/L		T
MW-05I	5/12/2010	Methyl acetate	1	µg/L	U	T
MW-05I	5/12/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-05I	5/12/2010	Methylbenzanthracene	1	µg/L	U	T
MW-05I	5/12/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-05I	5/12/2010	Methylene chloride	0.5	µg/L	U	T
MW-05I	5/12/2010	M-P-XYLENE	1	µg/L	U	T
MW-05I	5/12/2010	MTBE	0.5	µg/L	U	T
MW-05I	5/12/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	Nickel	1.5	µg/L		T
MW-05I	5/12/2010	Nickel	5.1	µg/L		T
MW-05I	5/12/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-05I	5/12/2010	Potassium	1600	µg/L		T
MW-05I	5/12/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	Selenium	5	µg/L	U	T
MW-05I	5/12/2010	Silver	0.26	µg/L		T
MW-05I	5/12/2010	Silver	1	µg/L	U	T
MW-05I	5/12/2010	Sodium	5700	µg/L		T
MW-05I	5/12/2010	Sodium	5800	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	5/12/2010	Styrene	0.5	µg/L	U	T
MW-05I	5/12/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-05I	5/12/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-05I	5/12/2010	Tetrachloroethene	12	µg/L		T
MW-05I	5/12/2010	Tetrachloroethene	14	µg/L		T
MW-05I	5/12/2010	Thallium	1	µg/L	U	T
MW-05I	5/12/2010	Toluene	0.5	µg/L	U	T
MW-05I	5/12/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-05I	5/12/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-05I	5/12/2010	Trichloroethene	1.2	µg/L		T
MW-05I	5/12/2010	Trichloroethene	1.4	µg/L		T
MW-05I	5/12/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-05I	5/12/2010	Vanadium	0.11	µg/L		T
MW-05I	5/12/2010	Vanadium	0.27	µg/L		T
MW-05I	5/12/2010	Vinyl chloride	0.5	µg/L	U	T
MW-05I	5/12/2010	Xylene (o)	0.5	µg/L	U	T
MW-05I	5/12/2010	Xylene Total	0.5	µg/L	U	T
MW-05I	5/12/2010	Zinc	8.3	µg/L		T
MW-05I	5/12/2010	Zinc	28	µg/L		T
MW-05I	5/24/2010	Dichlorodifluoromethane	0.012	µg/L		
MW-05I	5/24/2010	Dichlorodifluoromethane	0.0145	µg/L		
MW-05I	5/24/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.00806	µg/L		
MW-05I	5/24/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.00899	µg/L		
MW-05I	5/24/2010	Trichlorofluoromethane	0.035	µg/L		
MW-05I	5/24/2010	Trichlorofluoromethane	0.0374	µg/L		
MW-05I	10/25/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-05I	10/25/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-05I	10/25/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-05I	10/25/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-05I	10/25/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-05I	10/25/2011	1,2-Dichloropropane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-05I	10/25/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-05I	10/25/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-05I	10/25/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-05I	10/25/2011	4-Methyl-2-pentanone	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	10/25/2011	Acetone	4	µg/L	U	T
MW-05I	10/25/2011	Aluminium	760	µg/L		T
MW-05I	10/25/2011	Antimony	1	µg/L	U	T
MW-05I	10/25/2011	Arsenic	1.3	µg/L	U	T
MW-05I	10/25/2011	Barium	39	µg/L		T
MW-05I	10/25/2011	Benzene	0.5	µg/L	U	T
MW-05I	10/25/2011	Beryllium	3	µg/L	U	T
MW-05I	10/25/2011	Bromobenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	Bromochloromethane	0.5	µg/L	U	T
MW-05I	10/25/2011	Bromoform	1	µg/L	U	T
MW-05I	10/25/2011	Bromomethane	2	µg/L	U	T
MW-05I	10/25/2011	Cadmium	2.1	µg/L		T
MW-05I	10/25/2011	Calcium	6900	µg/L		T
MW-05I	10/25/2011	Carbon disulfide	0.5	µg/L	U	T
MW-05I	10/25/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-05I	10/25/2011	Chlorobenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-05I	10/25/2011	Chloroethane	2	µg/L	U	T
MW-05I	10/25/2011	Chloroform	0.5	µg/L	U	T
MW-05I	10/25/2011	Chloromethane	0.5	µg/L	U	T
MW-05I	10/25/2011	Chromium (III+VI)	44	µg/L		T
MW-05I	10/25/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-05I	10/25/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-05I	10/25/2011	Cobalt	5	µg/L	U	T
MW-05I	10/25/2011	Copper	21	µg/L		T
MW-05I	10/25/2011	Cyclohexane	0.5	µg/L	U	T
MW-05I	10/25/2011	Dibromomethane	0.5	µg/L	U	T
MW-05I	10/25/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-05I	10/25/2011	Dissolved Oxygen	3.97	mg/l		T
MW-05I	10/25/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-05I	10/25/2011	Ethylbenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-05I	10/25/2011	Iron	1700	µg/L		T
MW-05I	10/25/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	Lead	2.8	µg/L		T
MW-05I	10/25/2011	M AND P XYLENES	1	µg/L	U	T
MW-05I	10/25/2011	Magnesium	1000	µg/L		T
MW-05I	10/25/2011	Manganese	66	µg/L		T
MW-05I	10/25/2011	Mercury	0.1	µg/L	U	T
MW-05I	10/25/2011	Methyl acetate	1	µg/L	U	T
MW-05I	10/25/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-05I	10/25/2011	Methylbenzanthracene	1	µg/L	U	T
MW-05I	10/25/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-05I	10/25/2011	Methylene chloride	0.5	µg/L	U	T
MW-05I	10/25/2011	Molybdenum	5	µg/L	U	T
MW-05I	10/25/2011	MTBE	0.5	µg/L	U	T
MW-05I	10/25/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	Nickel	26	µg/L		T
MW-05I	10/25/2011	n-Propylbenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-05I	10/25/2011	Oxidation-Reduction Potential	214.6	mV		T
MW-05I	10/25/2011	pH	5.47	pH Units		T
MW-05I	10/25/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-05I	10/25/2011	Potassium	2200	µg/L		T
MW-05I	10/25/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	Selenium	2	µg/L	U	T
MW-05I	10/25/2011	Silver	5	µg/L	U	T
MW-05I	10/25/2011	Sodium	6000	µg/L		T
MW-05I	10/25/2011	Specific Conductance	63.2	umhos/cm		T
MW-05I	10/25/2011	Strontium	83	µg/L		T
MW-05I	10/25/2011	Styrene	0.5	µg/L	U	T
MW-05I	10/25/2011	Temp	21	°C		T
MW-05I	10/25/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-05I	10/25/2011	Tetrachloroethene	20	µg/L		T
MW-05I	10/25/2011	Thallium	1	µg/L	U	T
MW-05I	10/25/2011	Tin	15	µg/L	U	T
MW-05I	10/25/2011	Titanium	19	µg/L		T
MW-05I	10/25/2011	Toluene	0.5	µg/L	U	T
MW-05I	10/25/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-05I	10/25/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-05I	10/25/2011	Trichloroethene	0.57	µg/L		T
MW-05I	10/25/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-05I	10/25/2011	Turbidity	0.57	NTU		T
MW-05I	10/25/2011	Vanadium	5	µg/L	U	T
MW-05I	10/25/2011	Vinyl chloride	0.5	µg/L	U	T
MW-05I	10/25/2011	Xylene (o)	0.5	µg/L	U	T
MW-05I	10/25/2011	Xylene Total	0.5	µg/L	U	T
MW-05I	10/25/2011	Yttrium	3	µg/L	U	T
MW-05I	10/25/2011	Zinc	180	µg/L		T
MW-05I	7/14/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-05I	7/14/2016	Tetrachloroethene	0.573	µg/L	J	
MW-05I	7/14/2016	Tetrachloroethene	0.595	µg/L	J	
MW-05I	7/14/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-05I	7/14/2016	Trichloroethene	0.398	µg/L	U	
MW-05I	7/14/2016	Vinyl Chloride	0.259	µg/L	U	
MW-06S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	65	mg/L		T
MW-06S	1/1/2000	Ammonia	0.1	mg/L		T
MW-06S	1/1/2000	Chloride	18	mg/L		T
MW-06S	1/1/2000	Dissolved organic carbon	7.6	mg/L		T
MW-06S	1/1/2000	Ethane	0.33	µg/L		T
MW-06S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-06S	1/1/2000	Methane	0.98	µg/L		T
MW-06S	1/1/2000	Nitrate (as N)	3.6	mg/L		T
MW-06S	1/1/2000	Sulphate	47	mg/L		T
MW-06S	1/1/2000	TOC	4.4	mg/L		T
MW-06S	5/1/2000	Chloride	18	mg/L		T
MW-06S	5/1/2000	Dissolved Oxygen	9.36	mg/L		T
MW-06S	5/1/2000	Ferrous Iron	0.63	mg/L		T
MW-06S	5/1/2000	Nitrate (as N)	3.6	mg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-06S	5/1/2000	N-Tridecane	3	µg/L		T
MW-06S	5/1/2000	N-Tridecane	10	µg/L		T
MW-06S	5/1/2000	N-Tridecane	25	µg/L		T
MW-06S	5/1/2000	N-Tridecane	960	µg/L		T
MW-06S	5/1/2000	ORP	138	mV		T
MW-06S	5/1/2000	Sulfallate	47	mg/L		T
MW-06S	5/2/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-06S	5/2/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-06S	5/2/2000	Acetone	10	µg/L	U	T
MW-06S	5/2/2000	Aldrin + Dieldrin	0.005	µg/L	U	T
MW-06S	5/2/2000	Aluminium	5000	µg/L		T
MW-06S	5/2/2000	Antimony	3.7	µg/L		T
MW-06S	5/2/2000	Arsenic	1.9	µg/L	U	T
MW-06S	5/2/2000	Barium	76	µg/L		T
MW-06S	5/2/2000	Benzene	10	µg/L	U	T
MW-06S	5/2/2000	Beryllium	0.5	µg/L		T
MW-06S	5/2/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-06S	5/2/2000	Cadmium	0.3	µg/L	U	T
MW-06S	5/2/2000	Calcium	16000	µg/L		T
MW-06S	5/2/2000	Caprolactam	10	µg/L	U	T
MW-06S	5/2/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-06S	5/2/2000	Chloroform	10	µg/L	U	T
MW-06S	5/2/2000	Chromium (III+VI)	100	µg/L		T
MW-06S	5/2/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-06S	5/2/2000	Cobalt	5.4	µg/L	U	T
MW-06S	5/2/2000	Copper	69	µg/L	U	T
MW-06S	5/2/2000	Cyanide Total	10	µg/L	U	T
MW-06S	5/2/2000	Cyclohexane	10	µg/L	U	T
MW-06S	5/2/2000	Dieldrin	0.005	µg/L	U	T
MW-06S	5/2/2000	Diethylene glycol, monobutyl ether	3	µg/L		T
MW-06S	5/2/2000	Dissolved Oxygen	9.36	mg/L		T
MW-06S	5/2/2000	Electrical conductivity *(lab)	0.227	umhos/cm		T
MW-06S	5/2/2000	Endrin ketone	0.1	µg/L	U	T
MW-06S	5/2/2000	Ethylbenzene	10	µg/L	U	T
MW-06S	5/2/2000	Ferrous Iron	0.63	mg/L		T
MW-06S	5/2/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-06S	5/2/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-06S	5/2/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-06S	5/2/2000	Iron	6200	µg/L		T
MW-06S	5/2/2000	Lead	4.7	µg/L		T
MW-06S	5/2/2000	Magnesium	4500	µg/L		T
MW-06S	5/2/2000	Manganese	720	µg/L		T
MW-06S	5/2/2000	Mercury	0.1	µg/L	U	T
MW-06S	5/2/2000	Methyl acetate	10	µg/L	U	T
MW-06S	5/2/2000	Methylcyclohexane	10	µg/L	U	T
MW-06S	5/2/2000	Nickel	100	µg/L		T
MW-06S	5/2/2000	N-Tridecane	0.33	µg/L		T
MW-06S	5/2/2000	N-Tridecane	0.98	µg/L		T
MW-06S	5/2/2000	N-Tridecane	2.6	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-06S	5/2/2000	N-Tridecane	10	µg/L		T
MW-06S	5/2/2000	ORP	138	millivolts		T
MW-06S	5/2/2000	pH	5.37	pH Units		T
MW-06S	5/2/2000	pH	5.37	SU		T
MW-06S	5/2/2000	Phenol	10	µg/L	U	T
MW-06S	5/2/2000	Potassium	4200	µg/L		T
MW-06S	5/2/2000	Selenium	2.2	µg/L	U	T
MW-06S	5/2/2000	Silver	1.2	µg/L	U	T
MW-06S	5/2/2000	Sodium	25000	µg/L		T
MW-06S	5/2/2000	Specific Conductance	227	umhos/cm		T
MW-06S	5/2/2000	Temp	25.4	degree C		T
MW-06S	5/2/2000	Tetrachloroethene	10	µg/L	U	T
MW-06S	5/2/2000	Thallium	3.5	µg/L	U	T
MW-06S	5/2/2000	Toluene	10	µg/L		T
MW-06S	5/2/2000	Trichloroethene	10	µg/L	U	T
MW-06S	5/2/2000	Turbidity	1.2	NTU		T
MW-06S	5/2/2000	Unknown Compound	960	µg/L		T
MW-06S	5/2/2000	Vanadium	6.6	µg/L	U	T
MW-06S	5/2/2000	Xylene Total	10	µg/L	U	T
MW-06S	5/2/2000	Zinc	93	µg/L	U	T
MW-06S	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-06S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-06S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-06S	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-06S	1/1/2001	Aluminium	3900	µg/L		T
MW-06S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-06S	1/1/2001	Barium	270	µg/L		T
MW-06S	1/1/2001	Benzene	10	µg/L	U	T
MW-06S	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-06S	1/1/2001	Cadmium	0.65	µg/L		T
MW-06S	1/1/2001	Calcium	13000	µg/L		T
MW-06S	1/1/2001	Caprolactam	30	µg/L		T
MW-06S	1/1/2001	Chloroform	10	µg/L	U	T
MW-06S	1/1/2001	Chromium (III+VI)	81	µg/L		T
MW-06S	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-06S	1/1/2001	Cobalt	2.6	µg/L		T
MW-06S	1/1/2001	Copper	15	µg/L		T
MW-06S	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-06S	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-06S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-06S	1/1/2001	Dissolved Oxygen	4.94	mg/l		T
MW-06S	1/1/2001	Endrin	0.01	µg/L	U	T
MW-06S	1/1/2001	Ferrous Iron	0	mg/l	U	T
MW-06S	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-06S	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-06S	1/1/2001	Iron	5100	µg/L		T
MW-06S	1/1/2001	Laboratory artifacts/#	28	µg/L		T
MW-06S	1/1/2001	Lead	2.7	µg/L		T
MW-06S	1/1/2001	Magnesium	4800	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-06S	1/1/2001	Manganese	73	µg/L		T
MW-06S	1/1/2001	Mercury	0.1	µg/L	U	T
MW-06S	1/1/2001	Nickel	48	µg/L		T
MW-06S	1/1/2001	ORP	235	mV		T
MW-06S	1/1/2001	Potassium	4000	µg/L		T
MW-06S	1/1/2001	Sodium	22000	µg/L		T
MW-06S	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-06S	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-06S	1/1/2001	Unknown Compound	43	µg/L		T
MW-06S	1/1/2001	Unknown amide	3	µg/L		T
MW-06S	1/1/2001	Vanadium	6.9	µg/L		T
MW-06S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-06S	1/1/2001	Zinc	33	µg/L		T
MW-06S	1/19/2001	Dissolved Oxygen	4.94	mg/l		T
MW-06S	1/19/2001	Electrical conductivity *(lab)	250	umhos/cm		T
MW-06S	1/19/2001	Ferrous Iron	0.5	mg/l	U	T
MW-06S	1/19/2001	ORP	235	millivolts		T
MW-06S	1/19/2001	pH	4.83	SU		T
MW-06S	1/19/2001	Temp	24	degree C		T
MW-06S	1/19/2001	Turbidity	2	NTU		T
MW-06S	2/1/2002	Aluminium	110	µg/L		F
MW-06S	2/1/2002	Aluminium	7100	µg/L		T
MW-06S	2/1/2002	Antimony	3.1	µg/L	U	T
MW-06S	2/1/2002	Antimony	6.1	µg/L		F
MW-06S	2/1/2002	Arsenic	2.6	µg/L	U	F
MW-06S	2/1/2002	Arsenic	2.9	µg/L		T
MW-06S	2/1/2002	Barium	63	µg/L		F
MW-06S	2/1/2002	Barium	330	µg/L		T
MW-06S	2/1/2002	Beryllium	0.48	µg/L	U	F
MW-06S	2/1/2002	Beryllium	1.1	µg/L	U	T
MW-06S	2/1/2002	Calcium	13000	µg/L		F
MW-06S	2/1/2002	Calcium	14000	µg/L		T
MW-06S	2/1/2002	Chromium (hexavalent)	26	µg/L	U	T
MW-06S	2/1/2002	Chromium (III+VI)	1	µg/L		F
MW-06S	2/1/2002	Chromium (III+VI)	79	µg/L		T
MW-06S	2/1/2002	Cobalt	1.3	µg/L	U	F
MW-06S	2/1/2002	Cobalt	2.3	µg/L		T
MW-06S	2/1/2002	Copper	1.2	µg/L	U	F
MW-06S	2/1/2002	Copper	19	µg/L		T
MW-06S	2/1/2002	Dissolved Oxygen	4.6	mg/L		T
MW-06S	2/1/2002	Ferrous Iron	0	mg/L	U	T
MW-06S	2/1/2002	Iron	1500	µg/L		F
MW-06S	2/1/2002	Iron	6600	µg/L		T
MW-06S	2/1/2002	Lead	1.9	µg/L	U	F
MW-06S	2/1/2002	Magnesium	4800	µg/L		F
MW-06S	2/1/2002	Magnesium	5400	µg/L		T
MW-06S	2/1/2002	Manganese	63	µg/L		F
MW-06S	2/1/2002	Manganese	73	µg/L		T
MW-06S	2/1/2002	Mercury	0.1	µg/L	U	F

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-06S	2/1/2002	Mercury	0.1	µg/L	U	T
MW-06S	2/1/2002	Nickel	19	µg/L		F
MW-06S	2/1/2002	Nickel	57	µg/L		T
MW-06S	2/1/2002	ORP	184	mV		T
MW-06S	2/1/2002	Potassium	4300	µg/L		F
MW-06S	2/1/2002	Potassium	4900	µg/L		T
MW-06S	2/1/2002	Selenium	2.5	µg/L	U	F
MW-06S	2/1/2002	Selenium	2.5	µg/L	U	T
MW-06S	2/1/2002	Sodium	21000	µg/L		T
MW-06S	2/1/2002	Sodium	22000	µg/L		F
MW-06S	2/1/2002	Thallium	4.3	µg/L	U	F
MW-06S	2/1/2002	Thallium	4.3	µg/L	U	T
MW-06S	2/1/2002	Vanadium	1.5	µg/L	U	F
MW-06S	2/1/2002	Vanadium	9.4	µg/L		T
MW-06S	2/1/2002	Zinc	44	µg/L		F
MW-06S	2/1/2002	Zinc	68	µg/L		T
MW-06S	2/11/2002	Dissolved Oxygen	4.6	mg/l		T
MW-06S	2/11/2002	Electrical conductivity *(lab)	232	umhos/cm		T
MW-06S	2/11/2002	Ferrous Iron	0	mg/l	U	T
MW-06S	2/11/2002	ORP	184	millivolts		T
MW-06S	2/11/2002	pH	4.86	SU		T
MW-06S	2/11/2002	Temp	24	degree C		T
MW-06S	2/11/2002	Turbidity	1	NTU		T
MW-06S	7/24/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-06S	7/24/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-06S	7/24/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-06S	7/24/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-06S	7/24/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-06S	7/24/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-06S	7/24/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-06S	7/24/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-06S	7/24/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-06S	7/24/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-06S	7/24/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-06S	7/24/2007	Benzene	5	µg/L	U	T
MW-06S	7/24/2007	Bromoform	5	µg/L	U	T
MW-06S	7/24/2007	Bromomethane	5	µg/L	U	T
MW-06S	7/24/2007	Carbon tetrachloride	5	µg/L	U	T
MW-06S	7/24/2007	Chlorobenzene	5	µg/L	U	T
MW-06S	7/24/2007	Chlorodibromomethane	5	µg/L	U	T
MW-06S	7/24/2007	Chloroethane	5	µg/L	U	T
MW-06S	7/24/2007	Chloroform	5	µg/L	U	T
MW-06S	7/24/2007	Chloromethane	5	µg/L	U	T
MW-06S	7/24/2007	Chromium (III+VI)	44	µg/L		T
MW-06S	7/24/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-06S	7/24/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-06S	7/24/2007	Dissolved Oxygen	7	mg/l		T
MW-06S	7/24/2007	Ethylbenzene	5	µg/L	U	T
MW-06S	7/24/2007	Lead	5	µg/L	U	T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-06S	7/24/2007	Methylene chloride	5	µg/L	U	T
MW-06S	7/24/2007	Nitrate (as N)	4.7	µg/L		T
MW-06S	7/24/2007	pH	4.9	pH units		T
MW-06S	7/24/2007	Specific Conductance	0.232	S/m		T
MW-06S	7/24/2007	Temp	25.8	deg C		T
MW-06S	7/24/2007	Tetrachloroethene	5	µg/L	U	T
MW-06S	7/24/2007	Thallium	10	µg/L	U	T
MW-06S	7/24/2007	Toluene	5	µg/L	U	T
MW-06S	7/24/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-06S	7/24/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-06S	7/24/2007	Trichloroethene	5	µg/L	U	T
MW-06S	7/24/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-06S	7/24/2007	Vinyl chloride	5	µg/L	U	T
MW-07I	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	31	mg/L		T
MW-07I	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-07I	1/1/2000	Dissolved organic carbon	4.3	mg/L		T
MW-07I	1/1/2000	Ethane	2.5	µg/L	U	T
MW-07I	1/1/2000	Ethene	2.6	µg/L	U	T
MW-07I	1/1/2000	Methane	1.3	µg/L	U	T
MW-07I	1/1/2000	Nitrate (as N)	0.1	mg/L		T
MW-07I	1/1/2000	TOC	2.6	mg/L		T
MW-07I	5/3/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-07I	5/3/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-07I	5/3/2000	Acetone	10	µg/L		T
MW-07I	5/3/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-07I	5/3/2000	Aluminium	700	µg/L		T
MW-07I	5/3/2000	Antimony	2.6	µg/L	U	T
MW-07I	5/3/2000	Arsenic	1.9	µg/L	U	T
MW-07I	5/3/2000	Barium	61	µg/L		T
MW-07I	5/3/2000	Benzene	10	µg/L	U	T
MW-07I	5/3/2000	Beryllium	0.1	µg/L	U	T
MW-07I	5/3/2000	Bis(2-ethylhexyl) phthalate	11	µg/L	U	T
MW-07I	5/3/2000	Cadmium	0.4	µg/L	U	T
MW-07I	5/3/2000	Calcium	4200	µg/L		T
MW-07I	5/3/2000	Caprolactam	11	µg/L	U	T
MW-07I	5/3/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-07I	5/3/2000	Chloroform	10	µg/L	U	T
MW-07I	5/3/2000	Chromium (III+VI)	38	µg/L		T
MW-07I	5/3/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-07I	5/3/2000	Cobalt	1.8	µg/L	U	T
MW-07I	5/3/2000	Copper	29	µg/L	U	T
MW-07I	5/3/2000	Cyanide Total	10	µg/L	U	T
MW-07I	5/3/2000	Cyclohexane	10	µg/L	U	T
MW-07I	5/3/2000	Dieldrin	0.1	µg/L	U	T
MW-07I	5/3/2000	Dissolved Oxygen	11.22	mg/L		T
MW-07I	5/3/2000	Dodecanoic Acid	9	µg/L		T
MW-07I	5/3/2000	Electrical conductivity *(lab)	0.075	umhos/cm		T
MW-07I	5/3/2000	Endrin ketone	0.1	µg/L	U	T
MW-07I	5/3/2000	Ethylbenzene	10	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07I	5/3/2000	Ferrous Iron	0.29	mg/L		T
MW-07I	5/3/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-07I	5/3/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-07I	5/3/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-07I	5/3/2000	Iron	1500	µg/L		T
MW-07I	5/3/2000	Lead	2.3	µg/L		T
MW-07I	5/3/2000	Magnesium	640	µg/L		T
MW-07I	5/3/2000	Manganese	320	µg/L		T
MW-07I	5/3/2000	Mercury	0.1	µg/L	U	T
MW-07I	5/3/2000	Methyl acetate	10	µg/L	U	T
MW-07I	5/3/2000	Methylcyclohexane	10	µg/L	U	T
MW-07I	5/3/2000	Nickel	37	µg/L	U	T
MW-07I	5/3/2000	N-Tridecane	1.3	µg/L		T
MW-07I	5/3/2000	N-Tridecane	2.5	µg/L		T
MW-07I	5/3/2000	N-Tridecane	2.6	µg/L		T
MW-07I	5/3/2000	N-Tridecane	6	µg/L		T
MW-07I	5/3/2000	N-Tridecane	10	µg/L		T
MW-07I	5/3/2000	N-Tridecane	11	µg/L		T
MW-07I	5/3/2000	N-Tridecane	28	µg/L		T
MW-07I	5/3/2000	ORP	139	millivolts		T
MW-07I	5/3/2000	pH	6.1	pH Units		T
MW-07I	5/3/2000	pH	6.1	SU		T
MW-07I	5/3/2000	Phenol	11	µg/L	U	T
MW-07I	5/3/2000	Potassium	1700	µg/L		T
MW-07I	5/3/2000	Selenium	2.2	µg/L	U	T
MW-07I	5/3/2000	Silver	1.4	µg/L	U	T
MW-07I	5/3/2000	Sodium	14000	µg/L		T
MW-07I	5/3/2000	Specific Conductance	75	umhos/cm		T
MW-07I	5/3/2000	Temp	22.7	degree C		T
MW-07I	5/3/2000	Tetrachloroethene	10	µg/L	U	T
MW-07I	5/3/2000	Thallium	3.5	µg/L	U	T
MW-07I	5/3/2000	Toluene	10	µg/L		T
MW-07I	5/3/2000	Trichloroethene	10	µg/L	U	T
MW-07I	5/3/2000	Turbidity	11	NTU		T
MW-07I	5/3/2000	Unknown Compound	6	µg/L		T
MW-07I	5/3/2000	Vanadium	1.5	µg/L	U	T
MW-07I	5/3/2000	Xylene Total	10	µg/L	U	T
MW-07I	5/3/2000	Zinc	35	µg/L	U	T
MW-07I	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-07I	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-07I	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-07I	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-07I	1/1/2001	Aluminium	91	µg/L	U	T
MW-07I	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-07I	1/1/2001	Barium	230	µg/L		T
MW-07I	1/1/2001	Benzene	10	µg/L	U	T
MW-07I	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-07I	1/1/2001	Bubryl tetradecanoate	3	µg/L		T
MW-07I	1/1/2001	Cadmium	4.2	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07I	1/1/2001	Calcium	22000	µg/L		T
MW-07I	1/1/2001	Caprolactam	10	µg/L	U	T
MW-07I	1/1/2001	Chloroform	10	µg/L	U	T
MW-07I	1/1/2001	Chromium (III+VI)	13	µg/L		T
MW-07I	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-07I	1/1/2001	Cobalt	1.1	µg/L	U	T
MW-07I	1/1/2001	Copper	9.4	µg/L	U	T
MW-07I	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-07I	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-07I	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-07I	1/1/2001	Dodecamethyl Cyclohexasiloxane	3	µg/L		T
MW-07I	1/1/2001	Endrin	0.01	µg/L	U	T
MW-07I	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-07I	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-07I	1/1/2001	Iron	240	µg/L		T
MW-07I	1/1/2001	Lead	1.8	µg/L	U	T
MW-07I	1/1/2001	Magnesium	4500	µg/L		T
MW-07I	1/1/2001	Manganese	39	µg/L		T
MW-07I	1/1/2001	Mercury	0.11	µg/L	U	T
MW-07I	1/1/2001	Nickel	30	µg/L		T
MW-07I	1/1/2001	Potassium	4300	µg/L		T
MW-07I	1/1/2001	Sodium	16000	µg/L		T
MW-07I	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-07I	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-07I	1/1/2001	Unknown Compound	2	µg/L		T
MW-07I	1/1/2001	Unknown siloxane/#	100	µg/L		T
MW-07I	1/1/2001	Vanadium	0.7	µg/L	U	T
MW-07I	1/1/2001	Xylene Total	10	µg/L	U	T
MW-07I	1/1/2001	Zinc	92	µg/L		T
MW-07I	1/23/2001	Dissolved Oxygen	6.55	mg/l		T
MW-07I	1/23/2001	Electrical conductivity *(lab)	269	umhos/cm		T
MW-07I	1/23/2001	Ferrous Iron	0.5	mg/l	U	T
MW-07I	1/23/2001	ORP	240	millivolts		T
MW-07I	1/23/2001	pH	5.04	SU		T
MW-07I	1/23/2001	Temp	19.5	degree C		T
MW-07I	1/23/2001	Turbidity	1	NTU		T
MW-07I	7/30/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-07I	7/30/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-07I	7/30/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-07I	7/30/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-07I	7/30/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-07I	7/30/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-07I	7/30/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-07I	7/30/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-07I	7/30/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-07I	7/30/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-07I	7/30/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-07I	7/30/2007	Bromoform	5	µg/L	U	T
MW-07I	7/30/2007	Bromomethane	5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-071	7/30/2007	Carbon tetrachloride	5	µg/L	U	T
MW-071	7/30/2007	Chlorobenzene	5	µg/L	U	T
MW-071	7/30/2007	Chlorodibromomethane	5	µg/L	U	T
MW-071	7/30/2007	Chloroethane	5	µg/L	U	T
MW-071	7/30/2007	Chloroform	5	µg/L	U	T
MW-071	7/30/2007	Chloromethane	5	µg/L	U	T
MW-071	7/30/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-071	7/30/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-071	7/30/2007	Dissolved Oxygen	4.02	mg/l		T
MW-071	7/30/2007	Ethylbenzene	5	µg/L	U	T
MW-071	7/30/2007	Methylene chloride	5	µg/L	U	T
MW-071	7/30/2007	pH	5.01	pH units		T
MW-071	7/30/2007	Specific Conductance	0.21	S/m		T
MW-071	7/30/2007	Temp	22.1	deg C		T
MW-071	7/30/2007	Tetrachloroethene	5	µg/L	U	T
MW-071	7/30/2007	Toluene	5	µg/L	U	T
MW-071	7/30/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-071	7/30/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-071	7/30/2007	Trichloroethene	5	µg/L	U	T
MW-071	7/30/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-071	7/30/2007	Turbidity	13	NTU		T
MW-071	7/30/2007	Vinyl chloride	5	µg/L	U	T
MW-071	8/1/2007	Oxygen	4.02	mg/l		T
MW-071	4/9/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-071	4/9/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-071	4/9/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-071	4/9/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-071	4/9/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-071	4/9/2009	Aluminium	6	µg/L	U	T
MW-071	4/9/2009	Arsenic	0.2	µg/L	U	T
MW-071	4/9/2009	Barium	133	µg/L		T
MW-071	4/9/2009	Benzene	0.02	µg/L	U	T
MW-071	4/9/2009	Beryllium	0.23	µg/L		T
MW-071	4/9/2009	Cadmium	0.06	µg/L	U	T
MW-071	4/9/2009	Calcium	13.5	µg/L		T
MW-071	4/9/2009	Carbon tetrachloride	0.18	µg/L		T
MW-071	4/9/2009	Chloroform	1.28	µg/L		T
MW-071	4/9/2009	Chromium (III+VI)	5.1	µg/L		T
MW-071	4/9/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-071	4/9/2009	Cobalt	0.1	µg/L	U	T
MW-071	4/9/2009	Copper	98	µg/L		T
MW-071	4/9/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-071	4/9/2009	Dissolved Oxygen	6.4	mg/L		T
MW-071	4/9/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-071	4/9/2009	Ethyl ether	0.1	µg/L	U	T
MW-071	4/9/2009	Ferrous Iron	0.01	mg/L		T
MW-071	4/9/2009	Iron	15	µg/L		T
MW-071	4/9/2009	Lead	0.45	µg/L		T
MW-071	4/9/2009	Lithium	1	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07I	4/9/2009	Magnesium	2.71	µg/L		T
MW-07I	4/9/2009	Manganese	2.7	µg/L		T
MW-07I	4/9/2009	Mercury	0.01	µg/L	U	T
MW-07I	4/9/2009	Methylene chloride	0.04	µg/L	U	T
MW-07I	4/9/2009	Molybdenum	0.1	µg/L	U	T
MW-07I	4/9/2009	MTBE	0.1	µg/L	U	T
MW-07I	4/9/2009	Nickel	2.3	µg/L		T
MW-07I	4/9/2009	Nitrate (as N)	6.6	mg/L		T
MW-07I	4/9/2009	pH	5.2	pH units		T
MW-07I	4/9/2009	Potassium	3.2	µg/L		T
MW-07I	4/9/2009	Selenium	5.6	µg/L		T
MW-07I	4/9/2009	Silver	0.06	µg/L	U	T
MW-07I	4/9/2009	Sodium	16.2	µg/L		T
MW-07I	4/9/2009	Specific Conductance	212	uS/cm		T
MW-07I	4/9/2009	Strontium	146	µg/L		T
MW-07I	4/9/2009	Sulfide	0	mg/L	U	T
MW-07I	4/9/2009	Sulphate	6	mg/L		T
MW-07I	4/9/2009	Temp	22	degree C		T
MW-07I	4/9/2009	Tetrachloroethene	0.06	µg/L		T
MW-07I	4/9/2009	Toluene	0.02	µg/L	U	T
MW-07I	4/9/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-07I	4/9/2009	Trichloroethene	0.02	µg/L	U	T
MW-07I	4/9/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-07I	4/9/2009	Turbidity	1.7	NTU		T
MW-07I	4/9/2009	Vinyl chloride	0.1	µg/L	U	T
MW-07I	4/9/2009	Zinc	9	µg/L		T
MW-07I	5/11/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-07I	5/11/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-07I	5/11/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-07I	5/11/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-07I	5/11/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-07I	5/11/2010	1,2-Dichloropropane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-07I	5/11/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-07I	5/11/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-07I	5/11/2010	4-Chlorotoluene	0.5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07I	5/11/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-07I	5/11/2010	Acetone	4	µg/L	U	T
MW-07I	5/11/2010	Aluminium	200	µg/L	U	T
MW-07I	5/11/2010	Antimony	2	µg/L	U	T
MW-07I	5/11/2010	Arsenic	0.13	µg/L		T
MW-07I	5/11/2010	Barium	17	µg/L		T
MW-07I	5/11/2010	Benzene	0.5	µg/L	U	T
MW-07I	5/11/2010	Beryllium	1	µg/L	U	T
MW-07I	5/11/2010	Bromobenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	Bromochloromethane	0.5	µg/L	U	T
MW-07I	5/11/2010	Bromoform	1	µg/L	U	T
MW-07I	5/11/2010	Bromomethane	2	µg/L	U	T
MW-07I	5/11/2010	Cadmium	0.14	µg/L		T
MW-07I	5/11/2010	Calcium	3900	µg/L		T
MW-07I	5/11/2010	Carbon disulfide	0.5	µg/L	U	T
MW-07I	5/11/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-07I	5/11/2010	Chlorobenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-07I	5/11/2010	Chloroethane	0.5	µg/L	U	T
MW-07I	5/11/2010	Chloroform	0.5	µg/L	U	T
MW-07I	5/11/2010	Chloromethane	0.5	µg/L	U	T
MW-07I	5/11/2010	Chromium (III+VI)	1.3	µg/L		T
MW-07I	5/11/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-07I	5/11/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-07I	5/11/2010	Cobalt	0.2	µg/L		T
MW-07I	5/11/2010	Copper	1.7	µg/L		T
MW-07I	5/11/2010	Cyclohexane	0.5	µg/L	U	T
MW-07I	5/11/2010	Dibromomethane	0.5	µg/L	U	T
MW-07I	5/11/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-07I	5/11/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-07I	5/11/2010	Ethylbenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-07I	5/11/2010	Iron	55	µg/L		T
MW-07I	5/11/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	Lead	1	µg/L	U	T
MW-07I	5/11/2010	Magnesium	500	µg/L		T
MW-07I	5/11/2010	Manganese	13	µg/L		T
MW-07I	5/11/2010	Methyl acetate	1	µg/L	U	T
MW-07I	5/11/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-07I	5/11/2010	Methylbenzanthracene	1	µg/L	U	T
MW-07I	5/11/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-07I	5/11/2010	Methylene chloride	0.5	µg/L	U	T
MW-07I	5/11/2010	M-P-XYLENE	1	µg/L	U	T
MW-07I	5/11/2010	MTBE	0.5	µg/L	U	T
MW-07I	5/11/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	Nickel	3	µg/L		T
MW-07I	5/11/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-07I	5/11/2010	Potassium	1300	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07I	5/11/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	Selenium	5	µg/L	U	T
MW-07I	5/11/2010	Silver	1	µg/L	U	T
MW-07I	5/11/2010	Sodium	8500	µg/L		T
MW-07I	5/11/2010	Styrene	0.5	µg/L	U	T
MW-07I	5/11/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-07I	5/11/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-07I	5/11/2010	Tetrachloroethene	0.19	µg/L		T
MW-07I	5/11/2010	Thallium	1	µg/L	U	T
MW-07I	5/11/2010	Toluene	0.5	µg/L	U	T
MW-07I	5/11/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-07I	5/11/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-07I	5/11/2010	Trichloroethene	0.5	µg/L	U	T
MW-07I	5/11/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-07I	5/11/2010	Vanadium	0.16	µg/L		T
MW-07I	5/11/2010	Vinyl chloride	0.5	µg/L	U	T
MW-07I	5/11/2010	Xylene (o)	0.5	µg/L	U	T
MW-07I	5/11/2010	Xylene Total	0.5	µg/L	U	T
MW-07I	5/11/2010	Zinc	16	µg/L		T
MW-07I	5/19/2010	Dichlorodifluoromethane	1.17	µg/L		
MW-07I	5/19/2010	Dichlorodifluoromethane	1.23	µg/L		
MW-07I	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.515	µg/L		
MW-07I	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.577	µg/L		
MW-07I	5/19/2010	Trichlorofluoromethane	0.843	µg/L		
MW-07I	5/19/2010	Trichlorofluoromethane	0.875	µg/L		
MW-07I	10/25/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-07I	10/25/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-07I	10/25/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-07I	10/25/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-07I	10/25/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-07I	10/25/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-07I	10/25/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-07I	10/25/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-07I	10/25/2011	1,2-dichloropropane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-07I	10/25/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-07I	10/25/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-07I	10/25/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-07I	10/25/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-07I	10/25/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-07I	10/25/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-07I	10/25/2011	4-Methyl-2-pentanone	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-071	10/25/2011	Acetone	4	µg/L	U	T
MW-071	10/25/2011	Aluminium	120	µg/L		T
MW-071	10/25/2011	Antimony	1	µg/L	U	T
MW-071	10/25/2011	Arsenic	1.3	µg/L	U	T
MW-071	10/25/2011	Barium	83	µg/L		T
MW-071	10/25/2011	Benzene	0.5	µg/L	U	T
MW-071	10/25/2011	Beryllium	3	µg/L	U	T
MW-071	10/25/2011	Bromobenzene	0.5	µg/L	U	T
MW-071	10/25/2011	Bromochloromethane	0.5	µg/L	U	T
MW-071	10/25/2011	Bromoform	1	µg/L	U	T
MW-071	10/25/2011	Bromomethane	2	µg/L	U	T
MW-071	10/25/2011	Cadmium	0.5	µg/L	U	T
MW-071	10/25/2011	Calcium	14000	µg/L		T
MW-071	10/25/2011	Carbon disulfide	0.5	µg/L	U	T
MW-071	10/25/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-071	10/25/2011	Chlorobenzene	0.5	µg/L	U	T
MW-071	10/25/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-071	10/25/2011	Chloroethane	2	µg/L	U	T
MW-071	10/25/2011	Chloroform	0.22	µg/L		T
MW-071	10/25/2011	Chloromethane	0.5	µg/L	U	T
MW-071	10/25/2011	Chromium (III+VI)	29	µg/L		T
MW-071	10/25/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-071	10/25/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-071	10/25/2011	Cobalt	5	µg/L	U	T
MW-071	10/25/2011	Copper	10	µg/L	U	T
MW-071	10/25/2011	Cyclohexane	0.5	µg/L	U	T
MW-071	10/25/2011	Dibromomethane	0.5	µg/L	U	T
MW-071	10/25/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-071	10/25/2011	Dissolved Oxygen	6.94	mg/l		T
MW-071	10/25/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-071	10/25/2011	Ethylbenzene	0.5	µg/L	U	T
MW-071	10/25/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-071	10/25/2011	Iron	210	µg/L		T
MW-071	10/25/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-071	10/25/2011	Lead	1.8	µg/L		T
MW-071	10/25/2011	M AND P XYLENES	1	µg/L	U	T
MW-071	10/25/2011	Magnesium	2300	µg/L		T
MW-071	10/25/2011	Manganese	8.8	µg/L		T
MW-071	10/25/2011	Mercury	0.1	µg/L	U	T
MW-071	10/25/2011	Methyl acetate	1	µg/L	U	T
MW-071	10/25/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-071	10/25/2011	Methylbenzanthracene	1	µg/L	U	T
MW-071	10/25/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-071	10/25/2011	Methylene chloride	0.5	µg/L	U	T
MW-071	10/25/2011	Molybdenum	5	µg/L	U	T
MW-071	10/25/2011	MTBE	0.5	µg/L	U	T
MW-071	10/25/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-071	10/25/2011	Nickel	10	µg/L	U	T
MW-071	10/25/2011	n-Propylbenzene	0.5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07I	10/25/2011	Oxidation-Reduction Potential	258.5	mV		T
MW-07I	10/25/2011	pH	5.11	pH Units		T
MW-07I	10/25/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-07I	10/25/2011	Potassium	2800	µg/L		T
MW-07I	10/25/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-07I	10/25/2011	Selenium	2	µg/L	U	T
MW-07I	10/25/2011	Silver	5	µg/L	U	T
MW-07I	10/25/2011	Sodium	10000	µg/L		T
MW-07I	10/25/2011	Specific Conductance	219.6	umhos/cm		T
MW-07I	10/25/2011	Strontium	100	µg/L		T
MW-07I	10/25/2011	Styrene	0.5	µg/L	U	T
MW-07I	10/25/2011	Temp	21.4	°C		T
MW-07I	10/25/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-07I	10/25/2011	Tetrachloroethene	2.1	µg/L		T
MW-07I	10/25/2011	Thallium	1	µg/L	U	T
MW-07I	10/25/2011	Tin	15	µg/L	U	T
MW-07I	10/25/2011	Titanium	5	µg/L	U	T
MW-07I	10/25/2011	Toluene	0.5	µg/L	U	T
MW-07I	10/25/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-07I	10/25/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-07I	10/25/2011	Trichloroethene	0.5	µg/L	U	T
MW-07I	10/25/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-07I	10/25/2011	Turbidity	0.1	NTU		T
MW-07I	10/25/2011	Vanadium	5	µg/L	U	T
MW-07I	10/25/2011	Vinyl chloride	0.5	µg/L	U	T
MW-07I	10/25/2011	Xylene (o)	0.5	µg/L	U	T
MW-07I	10/25/2011	Xylene Total	0.5	µg/L	U	T
MW-07I	10/25/2011	Yttrium	3	µg/L	U	T
MW-07I	10/25/2011	Zinc	220	µg/L		T
MW-07I	7/12/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-07I	7/12/2016	Tetrachloroethene	0.372	µg/L	U	
MW-07I	7/12/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-07I	7/12/2016	Trichloroethene	0.398	µg/L	U	
MW-07I	7/12/2016	Vinyl Chloride	0.259	µg/L	U	
MW-07S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	13	mg/L		T
MW-07S	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-07S	1/1/2000	Dissolved organic carbon	2.7	mg/L		T
MW-07S	1/1/2000	Ethane	2.5	µg/L	U	T
MW-07S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-07S	1/1/2000	Methane	0.18	µg/L		T
MW-07S	1/1/2000	Nitrate (as N)	12	mg/L		T
MW-07S	1/1/2000	TOC	3.2	mg/L		T
MW-07S	5/1/2000	Dissolved Oxygen	10.84	mg/L		T
MW-07S	5/1/2000	Ferrous Iron	0.15	mg/L		T
MW-07S	5/1/2000	Nitrate (as N)	12	mg/L		T
MW-07S	5/1/2000	ORP	211	mV		T
MW-07S	5/3/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-07S	5/3/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-07S	5/3/2000	1-Methyl-2-pyrrolidinone	2	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	5/3/2000	4,4-Butylidenebis[2]phenol	10	µg/L		T
MW-07S	5/3/2000	Acetone	21	µg/L		T
MW-07S	5/3/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-07S	5/3/2000	Aluminium	380	µg/L		T
MW-07S	5/3/2000	Antimony	3.4	µg/L		T
MW-07S	5/3/2000	Arsenic	1.9	µg/L	U	T
MW-07S	5/3/2000	Barium	230	µg/L		T
MW-07S	5/3/2000	Benzene	10	µg/L	U	T
MW-07S	5/3/2000	Beryllium	0.2	µg/L	U	T
MW-07S	5/3/2000	Bis(2-ethylhexyl) phthalate	11	µg/L		T
MW-07S	5/3/2000	Cadmium	0.7	µg/L	U	T
MW-07S	5/3/2000	Calcium	23000	µg/L		T
MW-07S	5/3/2000	Caprolactam	10	µg/L	U	T
MW-07S	5/3/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-07S	5/3/2000	Chloroform	10	µg/L	U	T
MW-07S	5/3/2000	Chromium (III+VI)	21	µg/L		T
MW-07S	5/3/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-07S	5/3/2000	Cobalt	2.8	µg/L	U	T
MW-07S	5/3/2000	Copper	100	µg/L	U	T
MW-07S	5/3/2000	Cyanide Total	10	µg/L	U	T
MW-07S	5/3/2000	Cyclohexane	10	µg/L	U	T
MW-07S	5/3/2000	Dieldrin	0.1	µg/L	U	T
MW-07S	5/3/2000	Dissolved Oxygen	10.84	mg/L		T
MW-07S	5/3/2000	Electrical conductivity *(lab)	0.244	umhos/cm		T
MW-07S	5/3/2000	Endrin ketone	0.1	µg/L	U	T
MW-07S	5/3/2000	Ethylbenzene	10	µg/L	U	T
MW-07S	5/3/2000	Ferrous Iron	0.15	mg/L		T
MW-07S	5/3/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-07S	5/3/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-07S	5/3/2000	Heptachlor epoxide	0.02	µg/L		T
MW-07S	5/3/2000	Iron	570	µg/L		T
MW-07S	5/3/2000	Lead	5.7	µg/L		T
MW-07S	5/3/2000	Magnesium	4900	µg/L		T
MW-07S	5/3/2000	Manganese	400	µg/L		T
MW-07S	5/3/2000	Mercury	0.1	µg/L	U	T
MW-07S	5/3/2000	Methyl acetate	10	µg/L	U	T
MW-07S	5/3/2000	Methylcyclohexane	10	µg/L	U	T
MW-07S	5/3/2000	Nickel	29	µg/L	U	T
MW-07S	5/3/2000	Nonanoic Acid	2	µg/L		T
MW-07S	5/3/2000	N-Tridecane	0.18	µg/L		T
MW-07S	5/3/2000	N-Tridecane	2.5	µg/L		T
MW-07S	5/3/2000	N-Tridecane	2.6	µg/L		T
MW-07S	5/3/2000	N-Tridecane	10	µg/L		T
MW-07S	5/3/2000	N-Tridecane	20	µg/L		T
MW-07S	5/3/2000	N-Tridecane	25	µg/L		T
MW-07S	5/3/2000	Oleic acid	3	µg/L		T
MW-07S	5/3/2000	ORP	211	millivolts		T
MW-07S	5/3/2000	pH	5.29	pH Units		T
MW-07S	5/3/2000	pH	5.29	SU		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	5/3/2000	Phenol	10	µg/L	U	T
MW-07S	5/3/2000	Potassium	4800	µg/L		T
MW-07S	5/3/2000	Selenium	2.2	µg/L	U	T
MW-07S	5/3/2000	Silver	1.2	µg/L	U	T
MW-07S	5/3/2000	Sodium	18000	µg/L		T
MW-07S	5/3/2000	Specific Conductance	244	umhos/cm		T
MW-07S	5/3/2000	Temp	22.7	degree C		T
MW-07S	5/3/2000	Tetrachloroethene	10	µg/L	U	T
MW-07S	5/3/2000	Thallium	3.5	µg/L	U	T
MW-07S	5/3/2000	Toluene	10	µg/L		T
MW-07S	5/3/2000	Trichloroethene	10	µg/L	U	T
MW-07S	5/3/2000	Trinonanoil	110	µg/L		T
MW-07S	5/3/2000	Turbidity	1.4	NTU		T
MW-07S	5/3/2000	Unknown Compound	20	µg/L		T
MW-07S	5/3/2000	Vanadium	1.2	µg/L	U	T
MW-07S	5/3/2000	Xylene Total	10	µg/L	U	T
MW-07S	5/3/2000	Zinc	78	µg/L	U	T
MW-07S	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-07S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-07S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-07S	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-07S	1/1/2001	Aluminium	70	µg/L	U	T
MW-07S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-07S	1/1/2001	Barium	29	µg/L		T
MW-07S	1/1/2001	Benzene	10	µg/L	U	T
MW-07S	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-07S	1/1/2001	Cadmium	1.2	µg/L		T
MW-07S	1/1/2001	Calcium	3400	µg/L		T
MW-07S	1/1/2001	Caprolactam	3	µg/L		T
MW-07S	1/1/2001	Chloroform	10	µg/L	U	T
MW-07S	1/1/2001	Chromium (III+VI)	16	µg/L		T
MW-07S	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-07S	1/1/2001	Cobalt	0.7	µg/L	U	T
MW-07S	1/1/2001	Copper	9.9	µg/L	U	T
MW-07S	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-07S	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-07S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-07S	1/1/2001	Dissolved Oxygen	1.15	mg/l		T
MW-07S	1/1/2001	Endrin	0.01	µg/L	U	T
MW-07S	1/1/2001	Ferrous Iron	0	mg/l	U	T
MW-07S	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-07S	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-07S	1/1/2001	Iron	2200	µg/L		T
MW-07S	1/1/2001	Lead	1.7	µg/L	U	T
MW-07S	1/1/2001	Magnesium	450	µg/L		T
MW-07S	1/1/2001	Manganese	340	µg/L		T
MW-07S	1/1/2001	Mercury	0.11	µg/L	U	T
MW-07S	1/1/2001	Nickel	16	µg/L		T
MW-07S	1/1/2001	ORP	58	mV		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	1/1/2001	Potassium	1500	µg/L		T
MW-07S	1/1/2001	Sodium	9300	µg/L		T
MW-07S	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-07S	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-07S	1/1/2001	Unknown amide	3	µg/L		T
MW-07S	1/1/2001	Vanadium	0.7	µg/L	U	T
MW-07S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-07S	1/1/2001	Zinc	8.7	µg/L		T
MW-07S	1/20/2001	Dissolved Oxygen	1.15	mg/l		T
MW-07S	1/20/2001	Electrical conductivity *(lab)	70	umhos/cm		T
MW-07S	1/20/2001	Ferrous Iron	2	mg/l		T
MW-07S	1/20/2001	ORP	58	millivolts		T
MW-07S	1/20/2001	pH	5.66	SU		T
MW-07S	1/20/2001	Temp	20.3	degree C		T
MW-07S	1/20/2001	Turbidity	1	NTU		T
MW-07S	7/1/2007	Dissolved Oxygen	1.2	mg/L		T
MW-07S	7/1/2007	ORP	219	mV		T
MW-07S	7/30/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-07S	7/30/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-07S	7/30/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-07S	7/30/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-07S	7/30/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-07S	7/30/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-07S	7/30/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-07S	7/30/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-07S	7/30/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-07S	7/30/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-07S	7/30/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-07S	7/30/2007	Bromomethane	5	µg/L	U	T
MW-07S	7/30/2007	Carbon tetrachloride	5	µg/L	U	T
MW-07S	7/30/2007	Chlorobenzene	5	µg/L	U	T
MW-07S	7/30/2007	Chlorodibromomethane	5	µg/L	U	T
MW-07S	7/30/2007	Chloroethane	5	µg/L	U	T
MW-07S	7/30/2007	Chloroform	5	µg/L	U	T
MW-07S	7/30/2007	Chloromethane	5	µg/L	U	T
MW-07S	7/30/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-07S	7/30/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-07S	7/30/2007	Dissolved Oxygen	1.2	mg/l		T
MW-07S	7/30/2007	Ethylbenzene	5	µg/L	U	T
MW-07S	7/30/2007	Methylene chloride	5	µg/L	U	T
MW-07S	7/30/2007	ORP	219	mV		T
MW-07S	7/30/2007	pH	5.54	pH units		T
MW-07S	7/30/2007	Specific Conductance	0.068	S/m		T
MW-07S	7/30/2007	Temp	22.6	deg C		T
MW-07S	7/30/2007	Tetrachloroethene	5	µg/L	U	T
MW-07S	7/30/2007	Toluene	5	µg/L	U	T
MW-07S	7/30/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-07S	7/30/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-07S	7/30/2007	Trichloroethene	5	µg/L	U	T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	7/30/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-07S	7/30/2007	Turbidity	77	NTU		T
MW-07S	7/30/2007	Vinyl chloride	5	µg/L	U	T
MW-07S	8/1/2007	ORP	219	mV		T
MW-07S	8/1/2007	Oxygen	1.2	mg/l		T
MW-07S	4/9/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-07S	4/9/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-07S	4/9/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-07S	4/9/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-07S	4/9/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-07S	4/9/2009	Aluminium	110	µg/L		T
MW-07S	4/9/2009	Arsenic	0.2	µg/L		T
MW-07S	4/9/2009	Barium	17.8	µg/L		T
MW-07S	4/9/2009	Benzene	0.02	µg/L	U	T
MW-07S	4/9/2009	Beryllium	0.2	µg/L	U	T
MW-07S	4/9/2009	Cadmium	0.05	µg/L		T
MW-07S	4/9/2009	Calcium	3.91	µg/L		T
MW-07S	4/9/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-07S	4/9/2009	Chloroform	0.04	µg/L	U	T
MW-07S	4/9/2009	Chromium (III+VI)	1.4	µg/L		T
MW-07S	4/9/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-07S	4/9/2009	Cobalt	0.27	µg/L		T
MW-07S	4/9/2009	Copper	4	µg/L	U	T
MW-07S	4/9/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-07S	4/9/2009	Dissolved Oxygen	4	mg/L		T
MW-07S	4/9/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-07S	4/9/2009	Ethyl ether	0.1	µg/L	U	T
MW-07S	4/9/2009	Ferrous Iron	0.04	mg/L		T
MW-07S	4/9/2009	Iron	75	µg/L		T
MW-07S	4/9/2009	Lead	0.34	µg/L		T
MW-07S	4/9/2009	Lithium	2	µg/L		T
MW-07S	4/9/2009	Magnesium	0.512	µg/L		T
MW-07S	4/9/2009	Manganese	26.7	µg/L		T
MW-07S	4/9/2009	Mercury	0.01	µg/L	U	T
MW-07S	4/9/2009	Methylene chloride	0.04	µg/L	U	T
MW-07S	4/9/2009	Molybdenum	0.2	µg/L		T
MW-07S	4/9/2009	MTBE	0.1	µg/L	U	T
MW-07S	4/9/2009	Nickel	4.6	µg/L		T
MW-07S	4/9/2009	Nitrate (as N)	1.5	mg/L		T
MW-07S	4/9/2009	pH	5.8	pH units		T
MW-07S	4/9/2009	Potassium	1.74	µg/L		T
MW-07S	4/9/2009	Selenium	0.06	µg/L		T
MW-07S	4/9/2009	Silver	0.06	µg/L	U	T
MW-07S	4/9/2009	Sodium	8.5	µg/L		T
MW-07S	4/9/2009	Specific Conductance	70	uS/cm		T
MW-07S	4/9/2009	Strontium	87.6	µg/L		T
MW-07S	4/9/2009	Sulfide	0	mg/L	U	T
MW-07S	4/9/2009	Sulphate	4	mg/L		T
MW-07S	4/9/2009	Temp	21.8	degree C		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	4/9/2009	Tetrachloroethene	0.07	µg/L		T
MW-07S	4/9/2009	Toluene	0.02	µg/L	U	T
MW-07S	4/9/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-07S	4/9/2009	Trichloroethene	0.02	µg/L		T
MW-07S	4/9/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-07S	4/9/2009	Vinyl chloride	0.1	µg/L	U	T
MW-07S	4/9/2009	Zinc	4	µg/L		T
MW-07S	5/11/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-07S	5/11/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-07S	5/11/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-07S	5/11/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-07S	5/11/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-07S	5/11/2010	1,2-Dichloropropane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-07S	5/11/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-07S	5/11/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-07S	5/11/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-07S	5/11/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-07S	5/11/2010	Acetone	4	µg/L	U	T
MW-07S	5/11/2010	Aluminium	200	µg/L	U	T
MW-07S	5/11/2010	Antimony	2	µg/L	U	T
MW-07S	5/11/2010	Arsenic	0.11	µg/L		T
MW-07S	5/11/2010	Barium	110	µg/L		T
MW-07S	5/11/2010	Benzene	0.5	µg/L	U	T
MW-07S	5/11/2010	Beryllium	1	µg/L	U	T
MW-07S	5/11/2010	Bromobenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	Bromochloromethane	0.5	µg/L	U	T
MW-07S	5/11/2010	Bromoform	1	µg/L	U	T
MW-07S	5/11/2010	Bromomethane	2	µg/L	U	T
MW-07S	5/11/2010	Cadmium	0.18	µg/L		T
MW-07S	5/11/2010	Calcium	13000	µg/L		T
MW-07S	5/11/2010	Carbon disulfide	0.5	µg/L	U	T
MW-07S	5/11/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-07S	5/11/2010	Chlorobenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-07S	5/11/2010	Chloroethane	0.5	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	5/11/2010	Chloroform	0.38	µg/L		T
MW-07S	5/11/2010	Chloromethane	0.5	µg/L	U	T
MW-07S	5/11/2010	Chromium (III+VI)	17	µg/L		T
MW-07S	5/11/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-07S	5/11/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-07S	5/11/2010	Cobalt	1.9	µg/L		T
MW-07S	5/11/2010	Copper	3.8	µg/L		T
MW-07S	5/11/2010	Cyclohexane	0.5	µg/L	U	T
MW-07S	5/11/2010	Dibromomethane	0.5	µg/L	U	T
MW-07S	5/11/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-07S	5/11/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-07S	5/11/2010	Ethylbenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-07S	5/11/2010	Iron	63	µg/L		T
MW-07S	5/11/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	Lead	0.42	µg/L		T
MW-07S	5/11/2010	Magnesium	2600	µg/L		T
MW-07S	5/11/2010	Manganese	3.4	µg/L		T
MW-07S	5/11/2010	Methyl acetate	1	µg/L	U	T
MW-07S	5/11/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-07S	5/11/2010	Methylbenzanthracene	1	µg/L	U	T
MW-07S	5/11/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-07S	5/11/2010	Methylene chloride	0.5	µg/L	U	T
MW-07S	5/11/2010	M-P-XYLENE	1	µg/L	U	T
MW-07S	5/11/2010	MTBE	0.5	µg/L	U	T
MW-07S	5/11/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	Nickel	3.3	µg/L		T
MW-07S	5/11/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-07S	5/11/2010	Potassium	2400	µg/L		T
MW-07S	5/11/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	Selenium	3.2	µg/L		T
MW-07S	5/11/2010	Silver	1	µg/L	U	T
MW-07S	5/11/2010	Sodium	13000	µg/L		T
MW-07S	5/11/2010	Styrene	0.5	µg/L	U	T
MW-07S	5/11/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-07S	5/11/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-07S	5/11/2010	Tetrachloroethene	0.57	µg/L		T
MW-07S	5/11/2010	Thallium	1	µg/L	U	T
MW-07S	5/11/2010	Toluene	0.5	µg/L	U	T
MW-07S	5/11/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-07S	5/11/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-07S	5/11/2010	Trichloroethene	0.5	µg/L	U	T
MW-07S	5/11/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-07S	5/11/2010	Vanadium	5	µg/L	U	T
MW-07S	5/11/2010	Vinyl chloride	0.5	µg/L	U	T
MW-07S	5/11/2010	Xylene (o)	0.5	µg/L	U	T
MW-07S	5/11/2010	Xylene Total	0.5	µg/L	U	T
MW-07S	5/11/2010	Zinc	74	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	5/19/2010	Dichlorodifluoromethane	0.0029	µg/L		
MW-07S	5/19/2010	Dichlorodifluoromethane	0.00363	µg/L		
MW-07S	5/19/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0	µg/L		
MW-07S	5/19/2010	Trichlorofluoromethane	0.00948	µg/L		
MW-07S	5/19/2010	Trichlorofluoromethane	0.012	µg/L		
MW-07S	10/25/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-07S	10/25/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-07S	10/25/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-07S	10/25/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-07S	10/25/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-07S	10/25/2011	1,2-dichloropropane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-07S	10/25/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-07S	10/25/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-07S	10/25/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-07S	10/25/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-07S	10/25/2011	Acetone	4	µg/L	U	T
MW-07S	10/25/2011	Aluminium	100	µg/L		T
MW-07S	10/25/2011	Antimony	1	µg/L	U	T
MW-07S	10/25/2011	Arsenic	1.3	µg/L	U	T
MW-07S	10/25/2011	Barium	18	µg/L		T
MW-07S	10/25/2011	Benzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Beryllium	3	µg/L	U	T
MW-07S	10/25/2011	Bromobenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Bromochloromethane	0.5	µg/L	U	T
MW-07S	10/25/2011	Bromoform	1	µg/L	U	T
MW-07S	10/25/2011	Bromomethane	2	µg/L	U	T
MW-07S	10/25/2011	Cadmium	0.5	µg/L	U	T
MW-07S	10/25/2011	Calcium	4100	µg/L		T
MW-07S	10/25/2011	Carbon disulfide	0.5	µg/L	U	T
MW-07S	10/25/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-07S	10/25/2011	Chlorobenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-07S	10/25/2011	Chloroethane	2	µg/L	U	T
MW-07S	10/25/2011	Chloroform	0.5	µg/L	U	T
MW-07S	10/25/2011	Chloromethane	0.5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	10/25/2011	Chromium (III+VI)	5	µg/L	U	T
MW-07S	10/25/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-07S	10/25/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-07S	10/25/2011	Cobalt	5	µg/L	U	T
MW-07S	10/25/2011	Copper	10	µg/L	U	T
MW-07S	10/25/2011	Cyclohexane	0.5	µg/L	U	T
MW-07S	10/25/2011	Dibromomethane	0.5	µg/L	U	T
MW-07S	10/25/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-07S	10/25/2011	Dissolved Oxygen	2.19	mg/l		T
MW-07S	10/25/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-07S	10/25/2011	Ethylbenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-07S	10/25/2011	Iron	100	µg/L	U	T
MW-07S	10/25/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Lead	1	µg/L	U	T
MW-07S	10/25/2011	M AND P XYLENES	1	µg/L	U	T
MW-07S	10/25/2011	Magnesium	550	µg/L		T
MW-07S	10/25/2011	Manganese	11	µg/L		T
MW-07S	10/25/2011	Mercury	0.1	µg/L	U	T
MW-07S	10/25/2011	Methyl acetate	1	µg/L	U	T
MW-07S	10/25/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-07S	10/25/2011	Methylbenzanthracene	1	µg/L	U	T
MW-07S	10/25/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-07S	10/25/2011	Methylene chloride	0.5	µg/L	U	T
MW-07S	10/25/2011	Molybdenum	5	µg/L	U	T
MW-07S	10/25/2011	MTBE	0.5	µg/L	U	T
MW-07S	10/25/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Nickel	10	µg/L	U	T
MW-07S	10/25/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Oxidation-Reduction Potential	202.8	mV		T
MW-07S	10/25/2011	pH	5.76	pH Units		T
MW-07S	10/25/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-07S	10/25/2011	Potassium	1700	µg/L		T
MW-07S	10/25/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Selenium	2	µg/L	U	T
MW-07S	10/25/2011	Silver	5	µg/L	U	T
MW-07S	10/25/2011	Sodium	8700	µg/L		T
MW-07S	10/25/2011	Specific Conductance	71.3	umhos/cm		T
MW-07S	10/25/2011	Strontium	87	µg/L		T
MW-07S	10/25/2011	Styrene	0.5	µg/L	U	T
MW-07S	10/25/2011	Temp	21.4	°C		T
MW-07S	10/25/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-07S	10/25/2011	Tetrachloroethene	0.5	µg/L	U	T
MW-07S	10/25/2011	Thallium	1	µg/L	U	T
MW-07S	10/25/2011	Tin	15	µg/L	U	T
MW-07S	10/25/2011	Titanium	5	µg/L	U	T
MW-07S	10/25/2011	Toluene	0.5	µg/L	U	T
MW-07S	10/25/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-07S	10/25/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-07S	10/25/2011	Trichloroethene	0.5	µg/L	U	T
MW-07S	10/25/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-07S	10/25/2011	Turbidity	1.24	NTU		T
MW-07S	10/25/2011	Vanadium	5	µg/L	U	T
MW-07S	10/25/2011	Vinyl chloride	0.5	µg/L	U	T
MW-07S	10/25/2011	Xylene (o)	0.5	µg/L	U	T
MW-07S	10/25/2011	Xylene Total	0.5	µg/L	U	T
MW-07S	10/25/2011	Yttrium	3	µg/L	U	T
MW-07S	10/25/2011	Zinc	35	µg/L		T
MW-07S	7/12/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-07S	7/12/2016	Tetrachloroethene	0.372	µg/L	U	
MW-07S	7/12/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-07S	7/12/2016	Trichloroethene	0.398	µg/L	U	
MW-07S	7/12/2016	Vinyl Chloride	0.259	µg/L	U	
MW-08I	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	94	mg/L		T
MW-08I	1/1/2000	Ammonia	1.7	mg/L		T
MW-08I	1/1/2000	Dissolved organic carbon	7.2	mg/L		T
MW-08I	1/1/2000	Ethane	2.5	µg/L	U	T
MW-08I	1/1/2000	Ethene	0.33	µg/L		T
MW-08I	1/1/2000	Methane	0.39	µg/L		T
MW-08I	1/1/2000	Nitrate (as N)	0.1	mg/L		T
MW-08I	1/1/2000	TOC	5.1	mg/L		T
MW-08I	5/3/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-08I	5/3/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-08I	5/3/2000	Acetone	10	µg/L	U	T
MW-08I	5/3/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-08I	5/3/2000	Aluminium	4600	µg/L		T
MW-08I	5/3/2000	Antimony	2.6	µg/L	U	T
MW-08I	5/3/2000	Arsenic	1.9	µg/L	U	T
MW-08I	5/3/2000	Barium	52	µg/L		T
MW-08I	5/3/2000	Benzene	10	µg/L	U	T
MW-08I	5/3/2000	Beryllium	0.6	µg/L		T
MW-08I	5/3/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-08I	5/3/2000	Cadmium	0.3	µg/L	U	T
MW-08I	5/3/2000	Calcium	6900	µg/L		T
MW-08I	5/3/2000	Caprolactam	10	µg/L	U	T
MW-08I	5/3/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-08I	5/3/2000	Chloroform	10	µg/L	U	T
MW-08I	5/3/2000	Chromium (III+VI)	20	µg/L		T
MW-08I	5/3/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-08I	5/3/2000	Cobalt	2.1	µg/L	U	T
MW-08I	5/3/2000	Copper	26	µg/L	U	T
MW-08I	5/3/2000	Cyanide Total	10	µg/L	U	T
MW-08I	5/3/2000	Cyclohexane	10	µg/L	U	T
MW-08I	5/3/2000	Dieldrin	0.1	µg/L	U	T
MW-08I	5/3/2000	Dissolved Oxygen	9.26	mg/L		T
MW-08I	5/3/2000	Electrical conductivity *(lab)	0.074	umhos/cm		T
MW-08I	5/3/2000	Endrin ketone	0.1	µg/L	U	T
MW-08I	5/3/2000	Ethylbenzene	10	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08I	5/3/2000	Ferrous Iron	0.67	mg/l		T
MW-08I	5/3/2000	gamma-Chlordane	0.005	µg/L	U	T
MW-08I	5/3/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-08I	5/3/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-08I	5/3/2000	Iron	4500	µg/L		T
MW-08I	5/3/2000	Lead	6.8	µg/L		T
MW-08I	5/3/2000	Magnesium	1400	µg/L		T
MW-08I	5/3/2000	Manganese	260	µg/L		T
MW-08I	5/3/2000	Mercury	0.1	µg/L	U	T
MW-08I	5/3/2000	Methyl acetate	10	µg/L	U	T
MW-08I	5/3/2000	Methylcyclohexane	10	µg/L	U	T
MW-08I	5/3/2000	Nickel	31	µg/L	U	T
MW-08I	5/3/2000	N-Tridecane	0.33	µg/L		T
MW-08I	5/3/2000	N-Tridecane	0.39	µg/L		T
MW-08I	5/3/2000	N-Tridecane	2.5	µg/L		T
MW-08I	5/3/2000	N-Tridecane	10	µg/L		T
MW-08I	5/3/2000	N-Tridecane	25	µg/L		T
MW-08I	5/3/2000	N-Tridecane	420	µg/L		T
MW-08I	5/3/2000	Octanoic Acid	3	µg/L		T
MW-08I	5/3/2000	ORP	147	millivolts		T
MW-08I	5/3/2000	pH	6.19	pH Units		T
MW-08I	5/3/2000	pH	6.19	SU		T
MW-08I	5/3/2000	Phenol	10	µg/L	U	T
MW-08I	5/3/2000	Potassium	1900	µg/L		T
MW-08I	5/3/2000	Selenium	2.2	µg/L	U	T
MW-08I	5/3/2000	Silver	0.7	µg/L	U	T
MW-08I	5/3/2000	Sodium	28000	µg/L		T
MW-08I	5/3/2000	Specific Conductance	74	umhos/cm		T
MW-08I	5/3/2000	Temp	22.9	degree C		T
MW-08I	5/3/2000	Tetrachloroethene	10	µg/L	U	T
MW-08I	5/3/2000	Thallium	3.5	µg/L	U	T
MW-08I	5/3/2000	Toluene	10	µg/L		T
MW-08I	5/3/2000	Trichloroethene	10	µg/L	U	T
MW-08I	5/3/2000	Turbidity	29	NTU		T
MW-08I	5/3/2000	Vanadium	4.3	µg/L	U	T
MW-08I	5/3/2000	Xylene Total	10	µg/L	U	T
MW-08I	5/3/2000	Zinc	100	µg/L	U	T
MW-08I	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-08I	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-08I	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-08I	1/1/2001	9-Octadecenamamide, (Z)	5	µg/L		T
MW-08I	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-08I	1/1/2001	Aluminium	320	µg/L		T
MW-08I	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-08I	1/1/2001	Barium	28	µg/L		T
MW-08I	1/1/2001	Benzene	10	µg/L	U	T
MW-08I	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-08I	1/1/2001	Cadmium	32	µg/L		T
MW-08I	1/1/2001	Calcium	3500	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08I	1/1/2001	Caprolactam	13	µg/L		T
MW-08I	1/1/2001	Chloroform	10	µg/L	U	T
MW-08I	1/1/2001	Chromium (III+VI)	26	µg/L		T
MW-08I	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-08I	1/1/2001	Cobalt	0.81	µg/L		T
MW-08I	1/1/2001	Copper	15	µg/L		T
MW-08I	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-08I	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-08I	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-08I	1/1/2001	Endrin	0.01	µg/L	U	T
MW-08I	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-08I	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-08I	1/1/2001	Iron	670	µg/L		T
MW-08I	1/1/2001	Laboratory artifacts/#	22	µg/L		T
MW-08I	1/1/2001	Lead	2	µg/L		T
MW-08I	1/1/2001	Magnesium	410	µg/L		T
MW-08I	1/1/2001	Manganese	57	µg/L		T
MW-08I	1/1/2001	Mercury	0.1	µg/L	U	T
MW-08I	1/1/2001	Nickel	33	µg/L		T
MW-08I	1/1/2001	Potassium	1200	µg/L		T
MW-08I	1/1/2001	Sodium	4800	µg/L		T
MW-08I	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-08I	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-08I	1/1/2001	Unknown Compound	43	µg/L		T
MW-08I	1/1/2001	Unknown amide	3	µg/L		T
MW-08I	1/1/2001	Vanadium	0.87	µg/L	U	T
MW-08I	1/1/2001	Xylene Total	10	µg/L	U	T
MW-08I	1/1/2001	Zinc	13	µg/L		T
MW-08I	1/19/2001	Dissolved Oxygen	7.42	mg/l		T
MW-08I	1/19/2001	Electrical conductivity *(lab)	40	umhos/cm		T
MW-08I	1/19/2001	Ferrous Iron	0.5	mg/l	U	T
MW-08I	1/19/2001	ORP	178	millivolts		T
MW-08I	1/19/2001	pH	5.82	SU		T
MW-08I	1/19/2001	Temp	21	degree C		T
MW-08I	1/19/2001	Turbidity	16	NTU		T
MW-08I	4/21/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-08I	4/21/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-08I	4/21/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-08I	4/21/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-08I	4/21/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-08I	4/21/2009	Aluminium	15	µg/L		T
MW-08I	4/21/2009	Arsenic	0.2	µg/L	U	T
MW-08I	4/21/2009	Barium	35.9	µg/L		T
MW-08I	4/21/2009	Benzene	0.02	µg/L	U	T
MW-08I	4/21/2009	Beryllium	0.2	µg/L	U	T
MW-08I	4/21/2009	Cadmium	0.06	µg/L	U	T
MW-08I	4/21/2009	Calcium	5.51	µg/L		T
MW-08I	4/21/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-08I	4/21/2009	Chloroform	0.04	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08I	4/21/2009	Chromium (III+VI)	9.4	µg/L		T
MW-08I	4/21/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-08I	4/21/2009	Cobalt	0.24	µg/L		T
MW-08I	4/21/2009	Copper	28	µg/L		T
MW-08I	4/21/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-08I	4/21/2009	Dissolved Oxygen	3.6	mg/L		T
MW-08I	4/21/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-08I	4/21/2009	Ethyl ether	0.1	µg/L	U	T
MW-08I	4/21/2009	Ferrous Iron	0.05	mg/L		T
MW-08I	4/21/2009	Iron	128	µg/L		T
MW-08I	4/21/2009	Lead	0.11	µg/L		T
MW-08I	4/21/2009	Lithium	3	µg/L		T
MW-08I	4/21/2009	Magnesium	0.61	µg/L		T
MW-08I	4/21/2009	Manganese	6.8	µg/L		T
MW-08I	4/21/2009	Mercury	0.01	µg/L	U	T
MW-08I	4/21/2009	Methylene chloride	0.04	µg/L	U	T
MW-08I	4/21/2009	Molybdenum	0.1	µg/L	U	T
MW-08I	4/21/2009	MTBE	0.1	µg/L	U	T
MW-08I	4/21/2009	Nickel	18.5	µg/L		T
MW-08I	4/21/2009	Nitrate (as N)	1.7	mg/L		T
MW-08I	4/21/2009	pH	6	pH units		T
MW-08I	4/21/2009	Potassium	1.78	µg/L		T
MW-08I	4/21/2009	Selenium	0.09	µg/L		T
MW-08I	4/21/2009	Silver	0.06	µg/L	U	T
MW-08I	4/21/2009	Sodium	6.2	µg/L		T
MW-08I	4/21/2009	Specific Conductance	72	µS/cm		T
MW-08I	4/21/2009	Strontium	97.1	µg/L		T
MW-08I	4/21/2009	Sulfide	0	mg/L	U	T
MW-08I	4/21/2009	Sulphate	2	mg/L		T
MW-08I	4/21/2009	Temp	21.3	degree C		T
MW-08I	4/21/2009	Tetrachloroethene	0.01	µg/L		T
MW-08I	4/21/2009	Toluene	0.02	µg/L	U	T
MW-08I	4/21/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-08I	4/21/2009	Trichloroethene	0.02	µg/L	U	T
MW-08I	4/21/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-08I	4/21/2009	Turbidity	0.8	NTU		T
MW-08I	4/21/2009	Vinyl chloride	0.1	µg/L	U	T
MW-08I	4/21/2009	Zinc	4	µg/L	U	T
MW-08I	5/11/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-08I	5/11/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-08I	5/11/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08I	5/11/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-08I	5/11/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-08I	5/11/2010	1,2-Dichloropropane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-08I	5/11/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-08I	5/11/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-08I	5/11/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-08I	5/11/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-08I	5/11/2010	Acetone	4	µg/L	U	T
MW-08I	5/11/2010	Aluminium	89	µg/L		T
MW-08I	5/11/2010	Antimony	2	µg/L	U	T
MW-08I	5/11/2010	Arsenic	0.11	µg/L		T
MW-08I	5/11/2010	Barium	30	µg/L		T
MW-08I	5/11/2010	Benzene	0.5	µg/L	U	T
MW-08I	5/11/2010	Beryllium	1	µg/L	U	T
MW-08I	5/11/2010	Bromobenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	Bromochloromethane	0.5	µg/L	U	T
MW-08I	5/11/2010	Bromoform	1	µg/L	U	T
MW-08I	5/11/2010	Bromomethane	2	µg/L	U	T
MW-08I	5/11/2010	Cadmium	0.096	µg/L		T
MW-08I	5/11/2010	Calcium	4900	µg/L		T
MW-08I	5/11/2010	Carbon disulfide	0.5	µg/L	U	T
MW-08I	5/11/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-08I	5/11/2010	Chlorobenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-08I	5/11/2010	Chloroethane	0.5	µg/L	U	T
MW-08I	5/11/2010	Chloroform	0.5	µg/L	U	T
MW-08I	5/11/2010	Chloromethane	0.5	µg/L	U	T
MW-08I	5/11/2010	Chromium (III+VI)	18	µg/L		T
MW-08I	5/11/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-08I	5/11/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-08I	5/11/2010	Cobalt	0.82	µg/L		T
MW-08I	5/11/2010	Copper	6	µg/L		T
MW-08I	5/11/2010	Cyclohexane	0.5	µg/L	U	T
MW-08I	5/11/2010	Dibromomethane	0.5	µg/L	U	T
MW-08I	5/11/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-08I	5/11/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-08I	5/11/2010	Ethylbenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-08I	5/11/2010	Iron	160	µg/L		T
MW-08I	5/11/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	Lead	1	µg/L	U	T
MW-08I	5/11/2010	Magnesium	570	µg/L		T
MW-08I	5/11/2010	Manganese	16	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08I	5/11/2010	Methyl acetate	1	µg/L	U	T
MW-08I	5/11/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-08I	5/11/2010	Methylbenzanthracene	1	µg/L	U	T
MW-08I	5/11/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-08I	5/11/2010	Methylene chloride	0.5	µg/L	U	T
MW-08I	5/11/2010	M-P-XYLENE	1	µg/L	U	T
MW-08I	5/11/2010	MTBE	0.5	µg/L	U	T
MW-08I	5/11/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	Nickel	13	µg/L		T
MW-08I	5/11/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-08I	5/11/2010	Potassium	1400	µg/L		T
MW-08I	5/11/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	Selenium	5	µg/L	U	T
MW-08I	5/11/2010	Silver	1	µg/L	U	T
MW-08I	5/11/2010	Sodium	6200	µg/L		T
MW-08I	5/11/2010	Styrene	0.5	µg/L	U	T
MW-08I	5/11/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-08I	5/11/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-08I	5/11/2010	Tetrachloroethene	0.5	µg/L	U	T
MW-08I	5/11/2010	Thallium	1	µg/L	U	T
MW-08I	5/11/2010	Toluene	0.5	µg/L	U	T
MW-08I	5/11/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-08I	5/11/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-08I	5/11/2010	Trichloroethene	0.5	µg/L	U	T
MW-08I	5/11/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-08I	5/11/2010	Vanadium	5	µg/L	U	T
MW-08I	5/11/2010	Vinyl chloride	0.5	µg/L	U	T
MW-08I	5/11/2010	Xylene (o)	0.5	µg/L	U	T
MW-08I	5/11/2010	Xylene Total	0.5	µg/L	U	T
MW-08I	5/11/2010	Zinc	6.9	µg/L		T
MW-08I	5/13/2010	Dichlorodifluoromethane	0	µg/L		
MW-08I	5/13/2010	Dichlorodifluoromethane	0.011	µg/L		
MW-08I	5/13/2010	Dichlorodifluoromethane	0.0162	µg/L		
MW-08I	5/13/2010	Dichlorodifluoromethane	0.0172	µg/L		
MW-08I	5/13/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.00187	µg/L		
MW-08I	5/13/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.00225	µg/L		
MW-08I	5/13/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.00244	µg/L		
MW-08I	5/13/2010	Trichlorofluoromethane	0.0522	µg/L		
MW-08I	5/13/2010	Trichlorofluoromethane	0.0614	µg/L		
MW-08I	5/13/2010	Trichlorofluoromethane	0.0683	µg/L		
MW-08I	5/13/2010	Trichlorofluoromethane	0.134	µg/L		
MW-08I	10/25/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-08I	10/25/2011	1,1-Dichloropropene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08I	10/25/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-08I	10/25/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-08I	10/25/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-08I	10/25/2011	1,2-Dichloropropane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-08I	10/25/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-08I	10/25/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-08I	10/25/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-08I	10/25/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-08I	10/25/2011	Acetone	4	µg/L	U	T
MW-08I	10/25/2011	Aluminium	840	µg/L		T
MW-08I	10/25/2011	Antimony	1	µg/L	U	T
MW-08I	10/25/2011	Arsenic	1.9	µg/L		T
MW-08I	10/25/2011	Barium	26	µg/L		T
MW-08I	10/25/2011	Benzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Beryllium	3	µg/L	U	T
MW-08I	10/25/2011	Bromobenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Bromochloromethane	0.5	µg/L	U	T
MW-08I	10/25/2011	Bromoform	1	µg/L	U	T
MW-08I	10/25/2011	Bromomethane	2	µg/L	U	T
MW-08I	10/25/2011	Cadmium	0.5	µg/L	U	T
MW-08I	10/25/2011	Calcium	3900	µg/L		T
MW-08I	10/25/2011	Carbon disulfide	0.5	µg/L	U	T
MW-08I	10/25/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-08I	10/25/2011	Chlorobenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-08I	10/25/2011	Chloroethane	2	µg/L	U	T
MW-08I	10/25/2011	Chloroform	0.5	µg/L	U	T
MW-08I	10/25/2011	Chloromethane	0.5	µg/L	U	T
MW-08I	10/25/2011	Chromium (III+VI)	36	µg/L		T
MW-08I	10/25/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-08I	10/25/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-08I	10/25/2011	Cobalt	5	µg/L	U	T
MW-08I	10/25/2011	Copper	28	µg/L		T
MW-08I	10/25/2011	Cyclohexane	0.5	µg/L	U	T
MW-08I	10/25/2011	Dibromomethane	0.5	µg/L	U	T
MW-08I	10/25/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-08I	10/25/2011	Dissolved Oxygen	4.77	mg/l		T
MW-08I	10/25/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-08I	10/25/2011	Ethylbenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Hexachlorobutadiene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08I	10/25/2011	Iron	1500	µg/L		T
MW-08I	10/25/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Lead	2.2	µg/L		T
MW-08I	10/25/2011	M AND P XYLENES	1	µg/L	U	T
MW-08I	10/25/2011	Magnesium	440	µg/L		T
MW-08I	10/25/2011	Manganese	82	µg/L		T
MW-08I	10/25/2011	Mercury	0.1	µg/L	U	T
MW-08I	10/25/2011	Methyl acetate	1	µg/L	U	T
MW-08I	10/25/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-08I	10/25/2011	Methylbenzanthracene	1	µg/L	U	T
MW-08I	10/25/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-08I	10/25/2011	Methylene chloride	0.5	µg/L	U	T
MW-08I	10/25/2011	Molybdenum	5	µg/L	U	T
MW-08I	10/25/2011	MTBE	0.5	µg/L	U	T
MW-08I	10/25/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Nickel	22	µg/L		T
MW-08I	10/25/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Oxidation-Reduction Potential	162.8	mV		T
MW-08I	10/25/2011	pH	5.71	pH Units		T
MW-08I	10/25/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-08I	10/25/2011	Potassium	1500	µg/L		T
MW-08I	10/25/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Selenium	2	µg/L	U	T
MW-08I	10/25/2011	Silver	5	µg/L	U	T
MW-08I	10/25/2011	Sodium	440	µg/L		T
MW-08I	10/25/2011	Specific Conductance	56.8	umhos/cm		T
MW-08I	10/25/2011	Strontium	44	µg/L		T
MW-08I	10/25/2011	Styrene	0.5	µg/L	U	T
MW-08I	10/25/2011	Temp	21.3	°C		T
MW-08I	10/25/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-08I	10/25/2011	Tetrachloroethene	0.5	µg/L	U	T
MW-08I	10/25/2011	Thallium	1	µg/L	U	T
MW-08I	10/25/2011	Tin	15	µg/L	U	T
MW-08I	10/25/2011	Titanium	25	µg/L		T
MW-08I	10/25/2011	Toluene	0.5	µg/L	U	T
MW-08I	10/25/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-08I	10/25/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-08I	10/25/2011	Trichloroethene	0.5	µg/L	U	T
MW-08I	10/25/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-08I	10/25/2011	Turbidity	1.72	NTU		T
MW-08I	10/25/2011	Vanadium	5	µg/L	U	T
MW-08I	10/25/2011	Vinyl chloride	0.5	µg/L	U	T
MW-08I	10/25/2011	Xylene (o)	0.5	µg/L	U	T
MW-08I	10/25/2011	Xylene Total	0.5	µg/L	U	T
MW-08I	10/25/2011	Yttrium	3	µg/L	U	T
MW-08I	10/25/2011	Zinc	91	µg/L		T
MW-08I	7/13/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-08I	7/13/2016	Tetrachloroethene	0.372	µg/L	U	
MW-08I	7/13/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08I	7/13/2016	Trichloroethene	0.398	µg/L	U	
MW-08I	7/13/2016	Vinyl Chloride	0.259	µg/L	U	
MW-08S	1/1/2000	Alkalinity (Bicarbonate as CaCO ₃)	5.7	mg/L		T
MW-08S	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-08S	1/1/2000	Dissolved organic carbon	2.3	mg/L		T
MW-08S	1/1/2000	Ethane	2.5	µg/L	U	T
MW-08S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-08S	1/1/2000	Methane	0.35	µg/L		T
MW-08S	1/1/2000	Nitrate (as N)	5.8	mg/L		T
MW-08S	1/1/2000	TOC	3.6	mg/L		T
MW-08S	5/1/2000	Dissolved Oxygen	9.3	mg/L		T
MW-08S	5/1/2000	Ferrous Iron	0.73	mg/L		T
MW-08S	5/1/2000	Nitrate (as N)	5.8	mg/L		T
MW-08S	5/1/2000	N-Tridecane	10	µg/L		T
MW-08S	5/1/2000	N-Tridecane	25	µg/L		T
MW-08S	5/1/2000	N-Tridecane	180	µg/L		T
MW-08S	5/1/2000	ORP	168	mV		T
MW-08S	5/3/2000	1,1-Dichloroethene	4	µg/L		T
MW-08S	5/3/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-08S	5/3/2000	Acetone	10	µg/L	U	T
MW-08S	5/3/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-08S	5/3/2000	Aluminium	210	µg/L	U	T
MW-08S	5/3/2000	Antimony	2.6	µg/L	U	T
MW-08S	5/3/2000	Arsenic	1.9	µg/L	U	T
MW-08S	5/3/2000	Barium	100	µg/L		T
MW-08S	5/3/2000	Benzene	10	µg/L	U	T
MW-08S	5/3/2000	Beryllium	0.2	µg/L	U	T
MW-08S	5/3/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-08S	5/3/2000	Cadmium	0.7	µg/L	U	T
MW-08S	5/3/2000	Calcium	15000	µg/L		T
MW-08S	5/3/2000	Caprolactam	10	µg/L	U	T
MW-08S	5/3/2000	Chlordane (cis)	0.005	µg/L	U	T
MW-08S	5/3/2000	Chloroform	10	µg/L	U	T
MW-08S	5/3/2000	Chromium (III+VI)	11	µg/L		T
MW-08S	5/3/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-08S	5/3/2000	Cobalt	5.8	µg/L	U	T
MW-08S	5/3/2000	Copper	24	µg/L	U	T
MW-08S	5/3/2000	Cyanide Total	10	µg/L	U	T
MW-08S	5/3/2000	Cyclohexane	10	µg/L	U	T
MW-08S	5/3/2000	Dieldrin	0.1	µg/L	U	T
MW-08S	5/3/2000	Dissolved Oxygen	9.3	mg/L		T
MW-08S	5/3/2000	Electrical conductivity *(lab)	0.184	umhos/cm		T
MW-08S	5/3/2000	Endrin ketone	0.1	µg/L	U	T
MW-08S	5/3/2000	Ethylbenzene	10	µg/L	U	T
MW-08S	5/3/2000	Ferrous Iron	0.73	mg/L		T
MW-08S	5/3/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-08S	5/3/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-08S	5/3/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-08S	5/3/2000	Iron	480	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08S	5/3/2000	Lead	1.8	µg/L	U	T
MW-08S	5/3/2000	Magnesium	4600	µg/L		T
MW-08S	5/3/2000	Manganese	490	µg/L		T
MW-08S	5/3/2000	Mercury	0.1	µg/L	U	T
MW-08S	5/3/2000	Methyl acetate	10	µg/L	U	T
MW-08S	5/3/2000	Methylcyclohexane	10	µg/L	U	T
MW-08S	5/3/2000	Nickel	20	µg/L	U	T
MW-08S	5/3/2000	N-Tridecane	0.35	µg/L		T
MW-08S	5/3/2000	N-Tridecane	2.5	µg/L		T
MW-08S	5/3/2000	N-Tridecane	2.6	µg/L		T
MW-08S	5/3/2000	N-Tridecane	10	µg/L		T
MW-08S	5/3/2000	ORP	168	millivolts		T
MW-08S	5/3/2000	pH	5.29	pH Units		T
MW-08S	5/3/2000	pH	5.29	SU		T
MW-08S	5/3/2000	Phenol	10	µg/L	U	T
MW-08S	5/3/2000	Potassium	6100	µg/L		T
MW-08S	5/3/2000	Selenium	2.2	µg/L	U	T
MW-08S	5/3/2000	Silver	0.7	µg/L	U	T
MW-08S	5/3/2000	Sodium	23000	µg/L		T
MW-08S	5/3/2000	Specific Conductance	184	umhos/cm		T
MW-08S	5/3/2000	Temp	24.1	degree C		T
MW-08S	5/3/2000	Tetrachloroethene	85	µg/L		T
MW-08S	5/3/2000	Thallium	3.5	µg/L	U	T
MW-08S	5/3/2000	Toluene	10	µg/L		T
MW-08S	5/3/2000	Trichloroethene	1	µg/L		T
MW-08S	5/3/2000	Turbidity	0.4	NTU		T
MW-08S	5/3/2000	Unknown Compound	180	µg/L		T
MW-08S	5/3/2000	Vanadium	0.8	µg/L	U	T
MW-08S	5/3/2000	Xylene Total	10	µg/L	U	T
MW-08S	5/3/2000	Zinc	31	µg/L	U	T
MW-08S	1/1/2001	1,1-Dichloroethene	6	µg/L		T
MW-08S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-08S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-08S	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-08S	1/1/2001	Alkalinity (Bicarbonate as CaCO3)	7.2	mg/L		T
MW-08S	1/1/2001	Aluminium	780	µg/L		T
MW-08S	1/1/2001	Ammonia	0.05	mg/L	U	T
MW-08S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-08S	1/1/2001	Barium	84	µg/L		T
MW-08S	1/1/2001	Benzene	10	µg/L	U	T
MW-08S	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-08S	1/1/2001	Cadmium	1.9	µg/L		T
MW-08S	1/1/2001	Calcium	12000	µg/L		T
MW-08S	1/1/2001	Caprolactam	23	µg/L		T
MW-08S	1/1/2001	Chloride	23	mg/l		T
MW-08S	1/1/2001	Chloroform	10	µg/L	U	T
MW-08S	1/1/2001	Chromium (III+VI)	30	µg/L		T
MW-08S	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-08S	1/1/2001	Cobalt	2.2	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08S	1/1/2001	Copper	8.2	µg/L		T
MW-08S	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-08S	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-08S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-08S	1/1/2001	Dissolved Oxygen	5.9	mg/l		T
MW-08S	1/1/2001	Endrin	0.01	µg/L	U	T
MW-08S	1/1/2001	Ethane	2.6	µg/L	U	T
MW-08S	1/1/2001	Ethene	2.6	µg/L	U	T
MW-08S	1/1/2001	Ferrous Iron	0	mg/l	U	T
MW-08S	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-08S	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-08S	1/1/2001	Iron	1500	µg/L		T
MW-08S	1/1/2001	Laboratory artifacts/#	9	µg/L		T
MW-08S	1/1/2001	Lead	2.5	µg/L		T
MW-08S	1/1/2001	Magnesium	4000	µg/L		T
MW-08S	1/1/2001	Manganese	64	µg/L		T
MW-08S	1/1/2001	Mercury	0.1	µg/L	U	T
MW-08S	1/1/2001	Methane	1.4	µg/L	U	T
MW-08S	1/1/2001	Nickel	49	µg/L		T
MW-08S	1/1/2001	Nitrate (as N)	7	mg/L		T
MW-08S	1/1/2001	Octamethylcyclotetrasiloxane	8	µg/L		T
MW-08S	1/1/2001	ORP	234	mV		T
MW-08S	1/1/2001	Potassium	4800	µg/L		T
MW-08S	1/1/2001	Sodium	22000	µg/L		T
MW-08S	1/1/2001	Sulfallate	36	mg/l		T
MW-08S	1/1/2001	Sulphate	36	mg/l		T
MW-08S	1/1/2001	Tetrachloroethene	26	µg/L		T
MW-08S	1/1/2001	TOC	4.3	mg/L		T
MW-08S	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-08S	1/1/2001	Unknown Compound	30	µg/L		T
MW-08S	1/1/2001	Unknown amide	12	µg/L		T
MW-08S	1/1/2001	Vanadium	2	µg/L		T
MW-08S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-08S	1/1/2001	Zinc	11	µg/L		T
MW-08S	1/18/2001	Dissolved Oxygen	5.9	mg/l		T
MW-08S	1/18/2001	Electrical conductivity *(lab)	228	umhos/cm		T
MW-08S	1/18/2001	Ferrous Iron	0.5	mg/l	U	T
MW-08S	1/18/2001	ORP	234	millivolts		T
MW-08S	1/18/2001	pH	4.86	SU		T
MW-08S	1/18/2001	Temp	22.3	degree C		T
MW-08S	1/18/2001	Turbidity	2	NTU		T
MW-08S	7/1/2007	Dissolved Oxygen	6.5	mg/L		T
MW-08S	7/1/2007	Ferrous Iron	0	mg/L	U	T
MW-08S	7/1/2007	Nitrate (as N)	6	mg/L		T
MW-08S	7/1/2007	Sulfide	0.001	mg/L		T
MW-08S	7/24/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-08S	7/24/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-08S	7/24/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-08S	7/24/2007	1,1-Dichloroethane	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08S	7/24/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-08S	7/24/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-08S	7/24/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-08S	7/24/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-08S	7/24/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-08S	7/24/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-08S	7/24/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-08S	7/24/2007	Benzene	5	µg/L	U	T
MW-08S	7/24/2007	Bromoform	5	µg/L	U	T
MW-08S	7/24/2007	Bromomethane	5	µg/L	U	T
MW-08S	7/24/2007	Carbon tetrachloride	5	µg/L	U	T
MW-08S	7/24/2007	Chlorobenzene	5	µg/L	U	T
MW-08S	7/24/2007	Chlorodibromomethane	5	µg/L	U	T
MW-08S	7/24/2007	Chloroethane	5	µg/L	U	T
MW-08S	7/24/2007	Chloroform	5	µg/L	U	T
MW-08S	7/24/2007	Chloromethane	5	µg/L	U	T
MW-08S	7/24/2007	Chromium (III+VI)	5	µg/L	U	T
MW-08S	7/24/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-08S	7/24/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-08S	7/24/2007	Dissolved Oxygen	6.5	mg/l		T
MW-08S	7/24/2007	Ethylbenzene	5	µg/L	U	T
MW-08S	7/24/2007	Ferrous Iron	0	mg/l	U	T
MW-08S	7/24/2007	Lead	5	µg/L	U	T
MW-08S	7/24/2007	Methylene chloride	5	µg/L	U	T
MW-08S	7/24/2007	Nitrate (as N)	6	µg/L		T
MW-08S	7/24/2007	pH	4.98	pH units		T
MW-08S	7/24/2007	Specific Conductance	0.21	S/m		T
MW-08S	7/24/2007	Sulfide	0.001	mg/l		T
MW-08S	7/24/2007	Temp	24.9	deg C		T
MW-08S	7/24/2007	Tetrachloroethene	51	µg/L		T
MW-08S	7/24/2007	Thallium	10	µg/L	U	T
MW-08S	7/24/2007	Toluene	5	µg/L	U	T
MW-08S	7/24/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-08S	7/24/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-08S	7/24/2007	Trichloroethene	5	µg/L	U	T
MW-08S	7/24/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-08S	7/24/2007	Turbidity	29	NTU		T
MW-08S	7/24/2007	Vinyl chloride	5	µg/L	U	T
MW-08S	4/20/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-08S	4/20/2009	1,1-Dichloroethane	0.04	µg/L		T
MW-08S	4/20/2009	1,1-Dichloroethene	1.68	µg/L		T
MW-08S	4/20/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-08S	4/20/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-08S	4/20/2009	Aluminium	9	µg/L		T
MW-08S	4/20/2009	Arsenic	0.2	µg/L	U	T
MW-08S	4/20/2009	Barium	68.1	µg/L		T
MW-08S	4/20/2009	Benzene	0.02	µg/L	U	T
MW-08S	4/20/2009	Beryllium	0.15	µg/L		T
MW-08S	4/20/2009	Cadmium	0.11	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08S	4/20/2009	Calcium	12	µg/L		T
MW-08S	4/20/2009	Carbon tetrachloride	0.18	µg/L		T
MW-08S	4/20/2009	Chloroform	0.6	µg/L		T
MW-08S	4/20/2009	Chromium (III+VI)	3.3	µg/L		T
MW-08S	4/20/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-08S	4/20/2009	Cobalt	0.1	µg/L	U	T
MW-08S	4/20/2009	Copper	40	µg/L		T
MW-08S	4/20/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-08S	4/20/2009	Dissolved Oxygen	5.9	mg/L		T
MW-08S	4/20/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-08S	4/20/2009	Ethyl ether	0.1	µg/L	U	T
MW-08S	4/20/2009	Ferrous Iron	0.01	mg/L		T
MW-08S	4/20/2009	Iron	20	µg/L		T
MW-08S	4/20/2009	Lead	0.91	µg/L		T
MW-08S	4/20/2009	Lithium	2	µg/L		T
MW-08S	4/20/2009	Magnesium	3.61	µg/L		T
MW-08S	4/20/2009	Manganese	15	µg/L		T
MW-08S	4/20/2009	Mercury	0.01	µg/L	U	T
MW-08S	4/20/2009	Methylene chloride	0.04	µg/L	U	T
MW-08S	4/20/2009	Molybdenum	0.1	µg/L	U	T
MW-08S	4/20/2009	MTBE	0.1	µg/L	U	T
MW-08S	4/20/2009	Nickel	3.5	µg/L		T
MW-08S	4/20/2009	Nitrate (as N)	6.1	mg/L		T
MW-08S	4/20/2009	pH	5	pH units		T
MW-08S	4/20/2009	Potassium	4.82	µg/L		T
MW-08S	4/20/2009	Selenium	1.9	µg/L		T
MW-08S	4/20/2009	Silver	0.06	µg/L	U	T
MW-08S	4/20/2009	Sodium	18.8	µg/L		T
MW-08S	4/20/2009	Specific Conductance	219	µS/cm		T
MW-08S	4/20/2009	Strontium	120	µg/L		T
MW-08S	4/20/2009	Sulfide	0	mg/L	U	T
MW-08S	4/20/2009	Sulphate	9	mg/L		T
MW-08S	4/20/2009	Temp	22.2	degree C		T
MW-08S	4/20/2009	Tetrachloroethene	18.8	µg/L		T
MW-08S	4/20/2009	Toluene	0.02	µg/L	U	T
MW-08S	4/20/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-08S	4/20/2009	Trichloroethene	0.51	µg/L		T
MW-08S	4/20/2009	Trichlorofluoromethane	0.25	µg/L		T
MW-08S	4/20/2009	Turbidity	0.5	NTU		T
MW-08S	4/20/2009	Vinyl chloride	0.1	µg/L	U	T
MW-08S	4/20/2009	Zinc	6	µg/L		T
MW-08S	5/11/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,1-Dichloroethene	1.5	µg/L		T
MW-08S	5/11/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-08S	5/11/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08S	5/11/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-08S	5/11/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-08S	5/11/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-08S	5/11/2010	1,2-Dichloropropane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-08S	5/11/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-08S	5/11/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-08S	5/11/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-08S	5/11/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-08S	5/11/2010	Acetone	4	µg/L	U	T
MW-08S	5/11/2010	Aluminium	470	µg/L		T
MW-08S	5/11/2010	Antimony	2	µg/L	U	T
MW-08S	5/11/2010	Arsenic	0.17	µg/L		T
MW-08S	5/11/2010	Barium	74	µg/L		T
MW-08S	5/11/2010	Benzene	0.5	µg/L	U	T
MW-08S	5/11/2010	Beryllium	0.17	µg/L		T
MW-08S	5/11/2010	Bromobenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	Bromochloromethane	0.5	µg/L	U	T
MW-08S	5/11/2010	Bromoform	1	µg/L	U	T
MW-08S	5/11/2010	Bromomethane	2	µg/L	U	T
MW-08S	5/11/2010	Cadmium	0.16	µg/L		T
MW-08S	5/11/2010	Calcium	12000	µg/L		T
MW-08S	5/11/2010	Carbon disulfide	0.5	µg/L	U	T
MW-08S	5/11/2010	Carbon tetrachloride	0.17	µg/L		T
MW-08S	5/11/2010	Chlorobenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-08S	5/11/2010	Chloroethane	0.5	µg/L	U	T
MW-08S	5/11/2010	Chloroform	0.51	µg/L		T
MW-08S	5/11/2010	Chloromethane	0.5	µg/L	U	T
MW-08S	5/11/2010	Chromium (III+VI)	5.4	µg/L		T
MW-08S	5/11/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-08S	5/11/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-08S	5/11/2010	Cobalt	1.3	µg/L		T
MW-08S	5/11/2010	Copper	2.2	µg/L		T
MW-08S	5/11/2010	Cyclohexane	0.5	µg/L	U	T
MW-08S	5/11/2010	Dibromomethane	0.5	µg/L	U	T
MW-08S	5/11/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-08S	5/11/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-08S	5/11/2010	Ethylbenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-08S	5/11/2010	Iron	620	µg/L		T
MW-08S	5/11/2010	Isopropylbenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08S	5/11/2010	Lead	1	µg/L	U	T
MW-08S	5/11/2010	Magnesium	3900	µg/L		T
MW-08S	5/11/2010	Manganese	21	µg/L		T
MW-08S	5/11/2010	Methyl acetate	1	µg/L	U	T
MW-08S	5/11/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-08S	5/11/2010	Methylbenzanthracene	1	µg/L	U	T
MW-08S	5/11/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-08S	5/11/2010	Methylene chloride	0.5	µg/L	U	T
MW-08S	5/11/2010	M-P-XYLENE	1	µg/L	U	T
MW-08S	5/11/2010	MTBE	0.5	µg/L	U	T
MW-08S	5/11/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	Nickel	4.5	µg/L		T
MW-08S	5/11/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-08S	5/11/2010	Potassium	3900	µg/L		T
MW-08S	5/11/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	Selenium	2.2	µg/L		T
MW-08S	5/11/2010	Silver	1	µg/L	U	T
MW-08S	5/11/2010	Sodium	20000	µg/L		T
MW-08S	5/11/2010	Styrene	0.5	µg/L	U	T
MW-08S	5/11/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-08S	5/11/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-08S	5/11/2010	Tetrachloroethene	22	µg/L		T
MW-08S	5/11/2010	Thallium	1	µg/L	U	T
MW-08S	5/11/2010	Toluene	0.5	µg/L	U	T
MW-08S	5/11/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-08S	5/11/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-08S	5/11/2010	Trichloroethene	0.54	µg/L		T
MW-08S	5/11/2010	Trichlorofluoromethane	0.26	µg/L		T
MW-08S	5/11/2010	Vanadium	0.32	µg/L		T
MW-08S	5/11/2010	Vinyl chloride	0.5	µg/L	U	T
MW-08S	5/11/2010	Xylene (o)	0.5	µg/L	U	T
MW-08S	5/11/2010	Xylene Total	0.5	µg/L	U	T
MW-08S	5/11/2010	Zinc	11	µg/L		T
MW-08S	5/13/2010	Dichlorodifluoromethane	316	µg/L		
MW-08S	5/13/2010	Dichlorodifluoromethane	332	µg/L		
MW-08S	5/13/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.846	µg/L		
MW-08S	5/13/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.911	µg/L		
MW-08S	5/13/2010	Trichlorofluoromethane	14.1	µg/L		
MW-08S	5/13/2010	Trichlorofluoromethane	14.5	µg/L		
MW-08S	10/25/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-08S	10/25/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-08S	10/25/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-08S	10/25/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-08S	10/25/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-08S	10/25/2011	1,1-Dichloroethene	0.32	µg/L		T
MW-08S	10/25/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-08S	10/25/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08S	10/25/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-08S	10/25/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-08S	10/25/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-08S	10/25/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-08S	10/25/2011	1,2-dichloropropane	0.5	µg/L	U	T
MW-08S	10/25/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-08S	10/25/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-08S	10/25/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-08S	10/25/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-08S	10/25/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-08S	10/25/2011	Acetone	4	µg/L	U	T
MW-08S	10/25/2011	Aluminium	690	µg/L		T
MW-08S	10/25/2011	Antimony	1	µg/L	U	T
MW-08S	10/25/2011	Arsenic	1.3	µg/L	U	T
MW-08S	10/25/2011	Barium	59	µg/L		T
MW-08S	10/25/2011	Benzene	0.5	µg/L	U	T
MW-08S	10/25/2011	Beryllium	3	µg/L	U	T
MW-08S	10/25/2011	Bromobenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	Bromochloromethane	0.5	µg/L	U	T
MW-08S	10/25/2011	Bromoform	1	µg/L	U	T
MW-08S	10/25/2011	Bromomethane	2	µg/L	U	T
MW-08S	10/25/2011	Cadmium	0.53	µg/L		T
MW-08S	10/25/2011	Calcium	9200	µg/L		T
MW-08S	10/25/2011	Carbon disulfide	0.5	µg/L	U	T
MW-08S	10/25/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-08S	10/25/2011	Chlorobenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-08S	10/25/2011	Chloroethane	2	µg/L	U	T
MW-08S	10/25/2011	Chloroform	0.41	µg/L		T
MW-08S	10/25/2011	Chloromethane	0.5	µg/L	U	T
MW-08S	10/25/2011	Chromium (III+VI)	6.8	µg/L		T
MW-08S	10/25/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-08S	10/25/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-08S	10/25/2011	Cobalt	5	µg/L	U	T
MW-08S	10/25/2011	Copper	10	µg/L	U	T
MW-08S	10/25/2011	Cyclohexane	0.5	µg/L	U	T
MW-08S	10/25/2011	Dibromomethane	0.5	µg/L	U	T
MW-08S	10/25/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-08S	10/25/2011	Dissolved Oxygen	6	mg/l		T
MW-08S	10/25/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-08S	10/25/2011	Ethylbenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-08S	10/25/2011	Iron	930	µg/L		T
MW-08S	10/25/2011	Isopropylbenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-08S	10/25/2011	Lead	1	µg/L		T
MW-08S	10/25/2011	M AND P XYLENES	1	µg/L	U	T
MW-08S	10/25/2011	Magnesium	3000	µg/L		T
MW-08S	10/25/2011	Manganese	22	µg/L		T
MW-08S	10/25/2011	Mercury	0.1	µg/L	U	T
MW-08S	10/25/2011	Methyl acetate	1	µg/L	U	T
MW-08S	10/25/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-08S	10/25/2011	Methylbenzanthracene	1	µg/L	U	T
MW-08S	10/25/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-08S	10/25/2011	Methylene chloride	0.5	µg/L	U	T
MW-08S	10/25/2011	Molybdenum	5	µg/L	U	T
MW-08S	10/25/2011	MTBE	0.5	µg/L	U	T
MW-08S	10/25/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	Nickel	10	µg/L	U	T
MW-08S	10/25/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	Oxidation-Reduction Potential	240	mV		T
MW-08S	10/25/2011	pH	5.05	pH Units		T
MW-08S	10/25/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-08S	10/25/2011	Potassium	3600	µg/L		T
MW-08S	10/25/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	Selenium	2	µg/L	U	T
MW-08S	10/25/2011	Silver	5	µg/L	U	T
MW-08S	10/25/2011	Sodium	18000	µg/L		T
MW-08S	10/25/2011	Specific Conductance	210.2	umhos/cm		T
MW-08S	10/25/2011	Strontium	92	µg/L		T
MW-08S	10/25/2011	Styrene	0.5	µg/L	U	T
MW-08S	10/25/2011	Temp	22.7	°C		T
MW-08S	10/25/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-08S	10/25/2011	Tetrachloroethene	55	µg/L		T
MW-08S	10/25/2011	Thallium	1	µg/L	U	T
MW-08S	10/25/2011	Tin	15	µg/L	U	T
MW-08S	10/25/2011	Titanium	11	µg/L		T
MW-08S	10/25/2011	Toluene	0.5	µg/L	U	T
MW-08S	10/25/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-08S	10/25/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-08S	10/25/2011	Trichloroethene	0.72	µg/L		T
MW-08S	10/25/2011	Trichlorofluoromethane	0.23	µg/L		T
MW-08S	10/25/2011	Turbidity	0.48	NTU		T
MW-08S	10/25/2011	Vanadium	5	µg/L	U	T
MW-08S	10/25/2011	Vinyl chloride	0.5	µg/L	U	T
MW-08S	10/25/2011	Xylene (o)	0.5	µg/L	U	T
MW-08S	10/25/2011	Xylene Total	0.5	µg/L	U	T
MW-08S	10/25/2011	Yttrium	3	µg/L	U	T
MW-08S	10/25/2011	Zinc	60	µg/L		T
MW-08S	7/13/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-08S	7/13/2016	Tetrachloroethene	78.4	µg/L		
MW-08S	7/13/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-08S	7/13/2016	Trichloroethene	0.599	µg/L	J	
MW-08S	7/13/2016	Vinyl Chloride	0.259	µg/L	U	

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	14	mg/L		T
MW-09S	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-09S	1/1/2000	Chloride	15	mg/L		T
MW-09S	1/1/2000	Dissolved organic carbon	2.3	mg/L		T
MW-09S	1/1/2000	Ethane	2.5	µg/L	U	T
MW-09S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-09S	1/1/2000	Methane	1.3	µg/L	U	T
MW-09S	1/1/2000	Nitrate (as N)	3.9	mg/L		T
MW-09S	1/1/2000	Sulphate	24	mg/L		T
MW-09S	1/1/2000	TOC	3.3	mg/L		T
MW-09S	5/1/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-09S	5/1/2000	Acetone	25	µg/L		T
MW-09S	5/1/2000	Aldrin + Dieldrin	0.019	µg/L		T
MW-09S	5/1/2000	Aluminium	1400	µg/L		T
MW-09S	5/1/2000	Antimony	2.6	µg/L	U	T
MW-09S	5/1/2000	Arsenic	1.9	µg/L	U	T
MW-09S	5/1/2000	Barium	150	µg/L		T
MW-09S	5/1/2000	Benzene	10	µg/L	U	T
MW-09S	5/1/2000	Beryllium	0.2	µg/L		T
MW-09S	5/1/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-09S	5/1/2000	Cadmium	0.6	µg/L	U	T
MW-09S	5/1/2000	Calcium	11000	µg/L		T
MW-09S	5/1/2000	Chlordane (cis)	0.01	µg/L		T
MW-09S	5/1/2000	Chloride	15	mg/L		T
MW-09S	5/1/2000	Chloroform	10	µg/L	U	T
MW-09S	5/1/2000	Chromium (III+VI)	82	µg/L		T
MW-09S	5/1/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-09S	5/1/2000	Cobalt	3.8	µg/L	U	T
MW-09S	5/1/2000	Copper	74	µg/L	U	T
MW-09S	5/1/2000	Cyanide Total	10	µg/L	U	T
MW-09S	5/1/2000	Cyclohexane	10	µg/L	U	T
MW-09S	5/1/2000	Dieldrin	0.019	µg/L		T
MW-09S	5/1/2000	Diethylene glycol, monobutyl ether	7	µg/L		T
MW-09S	5/1/2000	Dissolved Oxygen	8.62	mg/L		T
MW-09S	5/1/2000	Endrin ketone	0.029	µg/L		T
MW-09S	5/1/2000	Ferrous Iron	0	mg/L	U	T
MW-09S	5/1/2000	gamma-Chlordane	0.006	µg/L		T
MW-09S	5/1/2000	g-BHC (Lindane)	0.039	µg/L		T
MW-09S	5/1/2000	Iron	1900	µg/L		T
MW-09S	5/1/2000	Lead	4.3	µg/L		T
MW-09S	5/1/2000	Magnesium	4300	µg/L		T
MW-09S	5/1/2000	Manganese	300	µg/L		T
MW-09S	5/1/2000	Mercury	0.1	µg/L	U	T
MW-09S	5/1/2000	Methyl acetate	10	µg/L	U	T
MW-09S	5/1/2000	Nickel	85	µg/L		T
MW-09S	5/1/2000	Nitrate (as N)	3.9	mg/L		T
MW-09S	5/1/2000	N-Tridecane	3	µg/L		T
MW-09S	5/1/2000	N-Tridecane	10	µg/L		T
MW-09S	5/1/2000	N-Tridecane	17	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	5/1/2000	N-Tridecane	25	µg/L		T
MW-09S	5/1/2000	ORP	137	millivolts		T
MW-09S	5/1/2000	ORP	137	mV		T
MW-09S	5/1/2000	pH	5.25	pH Units		T
MW-09S	5/1/2000	Potassium	3500	µg/L		T
MW-09S	5/1/2000	Selenium	2.2	µg/L	U	T
MW-09S	5/1/2000	Silver	1.2	µg/L	U	T
MW-09S	5/1/2000	Sodium	12000	µg/L		T
MW-09S	5/1/2000	Specific Conductance	145	umhos/cm		T
MW-09S	5/1/2000	Temp	22.3	degree C		T
MW-09S	5/1/2000	Tetrachloroethene	10	µg/L	U	T
MW-09S	5/1/2000	Thallium	3.5	µg/L	U	T
MW-09S	5/1/2000	Trichloroethene	10	µg/L	U	T
MW-09S	5/1/2000	Turbidity	0.95	NTU		T
MW-09S	5/1/2000	Unknown Compound	17	µg/L		T
MW-09S	5/1/2000	Vanadium	1.8	µg/L	U	T
MW-09S	5/1/2000	Xylene Total	10	µg/L	U	T
MW-09S	5/1/2000	Zinc	91	µg/L	U	T
MW-09S	5/2/2000	Dissolved Oxygen	8.62	mg/l		T
MW-09S	5/2/2000	Electrical conductivity *(lab)	0.145	umhos/cm		T
MW-09S	5/2/2000	Ferrous Iron	0	mg/l	U	T
MW-09S	5/2/2000	N-Tridecane	1.3	µg/L		T
MW-09S	5/2/2000	N-Tridecane	2.5	µg/L		T
MW-09S	5/2/2000	N-Tridecane	2.6	µg/L		T
MW-09S	5/2/2000	N-Tridecane	10	µg/L		T
MW-09S	5/2/2000	N-Tridecane	25	µg/L		T
MW-09S	5/2/2000	ORP	137	millivolts		T
MW-09S	5/2/2000	pH	5.25	SU		T
MW-09S	5/2/2000	Temp	22.3	degree C		T
MW-09S	5/2/2000	Toluene	10	µg/L		T
MW-09S	5/2/2000	Turbidity	0.95	NTU		T
MW-09S	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-09S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-09S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-09S	1/1/2001	Aldrin + Dieldrin	0.38	µg/L		T
MW-09S	1/1/2001	Aluminium	550	µg/L		T
MW-09S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-09S	1/1/2001	Barium	220	µg/L		T
MW-09S	1/1/2001	Benzene	10	µg/L	U	T
MW-09S	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-09S	1/1/2001	Cadmium	3.4	µg/L		T
MW-09S	1/1/2001	Calcium	9100	µg/L		T
MW-09S	1/1/2001	Caprolactam	10	µg/L	U	T
MW-09S	1/1/2001	Chloroform	10	µg/L	U	T
MW-09S	1/1/2001	Chromium (III+VI)	64	µg/L		T
MW-09S	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-09S	1/1/2001	Cobalt	1	µg/L	U	T
MW-09S	1/1/2001	Copper	46	µg/L		T
MW-09S	1/1/2001	Cyclohexane	10	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	1/1/2001	Dieldrin	0.38	µg/L		T
MW-09S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-09S	1/1/2001	Dissolved Oxygen	5.58	mg/l		T
MW-09S	1/1/2001	Endrin	0.1	µg/L	U	T
MW-09S	1/1/2001	Ferrous Iron	0	mg/l	U	T
MW-09S	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-09S	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-09S	1/1/2001	Iron	940	µg/L		T
MW-09S	1/1/2001	Lead	3.8	µg/L		T
MW-09S	1/1/2001	Magnesium	4100	µg/L		T
MW-09S	1/1/2001	Manganese	88	µg/L		T
MW-09S	1/1/2001	Mercury	0.11	µg/L	U	T
MW-09S	1/1/2001	Nickel	79	µg/L		T
MW-09S	1/1/2001	ORP	275	mV		T
MW-09S	1/1/2001	Potassium	3000	µg/L		T
MW-09S	1/1/2001	Sodium	13000	µg/L		T
MW-09S	1/1/2001	Sulfallate	24	mg/l		T
MW-09S	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-09S	1/1/2001	Trichloroethene	2	µg/L		T
MW-09S	1/1/2001	Unknown Compound	2	µg/L		T
MW-09S	1/1/2001	Unknown amide	3	µg/L		T
MW-09S	1/1/2001	Vanadium	0.7	µg/L	U	T
MW-09S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-09S	1/1/2001	Zinc	38	µg/L		T
MW-09S	1/21/2001	Dissolved Oxygen	5.58	mg/l		T
MW-09S	1/21/2001	Electrical conductivity *(lab)	152	umhos/cm		T
MW-09S	1/21/2001	Ferrous Iron	0.5	mg/l	U	T
MW-09S	1/21/2001	ORP	275	millivolts		T
MW-09S	1/21/2001	pH	4.95	SU		T
MW-09S	1/21/2001	Temp	21.9	degree C		T
MW-09S	1/21/2001	Turbidity	1	NTU		T
MW-09S	7/26/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-09S	7/26/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-09S	7/26/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-09S	7/26/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-09S	7/26/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-09S	7/26/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-09S	7/26/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-09S	7/26/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-09S	7/26/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-09S	7/26/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-09S	7/26/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-09S	7/26/2007	Benzene	5	µg/L	U	T
MW-09S	7/26/2007	Bromoform	5	µg/L	U	T
MW-09S	7/26/2007	Bromomethane	5	µg/L	U	T
MW-09S	7/26/2007	Carbon tetrachloride	5	µg/L	U	T
MW-09S	7/26/2007	Chlorobenzene	5	µg/L	U	T
MW-09S	7/26/2007	Chlorodibromomethane	5	µg/L	U	T
MW-09S	7/26/2007	Chloroethane	5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	7/26/2007	Chloroform	5	µg/L	U	T
MW-09S	7/26/2007	Chloromethane	5	µg/L	U	T
MW-09S	7/26/2007	Chromium (III+VI)	51	µg/L		T
MW-09S	7/26/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-09S	7/26/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-09S	7/26/2007	Dissolved Oxygen	6.9	mg/l		T
MW-09S	7/26/2007	Ethylbenzene	5	µg/L	U	T
MW-09S	7/26/2007	Lead	5	µg/L	U	T
MW-09S	7/26/2007	Methylene chloride	5	µg/L	U	T
MW-09S	7/26/2007	pH	4.9	pH units		T
MW-09S	7/26/2007	Specific Conductance	0.152	S/m		T
MW-09S	7/26/2007	Temp	23.3	deg C		T
MW-09S	7/26/2007	Tetrachloroethene	5	µg/L	U	T
MW-09S	7/26/2007	Thallium	10	µg/L	U	T
MW-09S	7/26/2007	Toluene	5	µg/L	U	T
MW-09S	7/26/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-09S	7/26/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-09S	7/26/2007	Trichloroethene	5	µg/L	U	T
MW-09S	7/26/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-09S	7/26/2007	Turbidity	47	NTU		T
MW-09S	7/26/2007	Vinyl chloride	5	µg/L	U	T
MW-09S	4/27/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-09S	4/27/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-09S	4/27/2009	1,1-Dichloroethene	0.13	µg/L		T
MW-09S	4/27/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-09S	4/27/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-09S	4/27/2009	Aluminium	6.2	µg/L		T
MW-09S	4/27/2009	Arsenic	0.2	µg/L	U	T
MW-09S	4/27/2009	Barium	127	µg/L		T
MW-09S	4/27/2009	Benzene	0.02	µg/L	U	T
MW-09S	4/27/2009	Beryllium	0.2	µg/L	U	T
MW-09S	4/27/2009	Cadmium	0.074	µg/L		T
MW-09S	4/27/2009	Calcium	6.57	µg/L		T
MW-09S	4/27/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-09S	4/27/2009	Chloroform	2.98	µg/L		T
MW-09S	4/27/2009	Chromium (III+VI)	2.45	µg/L		T
MW-09S	4/27/2009	cis-1,2-Dichloroethene	0.02	µg/L		T
MW-09S	4/27/2009	Cobalt	0.1	µg/L	U	T
MW-09S	4/27/2009	Copper	4	µg/L	U	T
MW-09S	4/27/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-09S	4/27/2009	Dissolved Oxygen	5.5	mg/L		T
MW-09S	4/27/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.07	µg/L		T
MW-09S	4/27/2009	Ethyl ether	0.1	µg/L	U	T
MW-09S	4/27/2009	Ferrous Iron	0.01	mg/L		T
MW-09S	4/27/2009	Iron	10.7	µg/L		T
MW-09S	4/27/2009	Lead	0.103	µg/L		T
MW-09S	4/27/2009	Lithium	0.91	µg/L		T
MW-09S	4/27/2009	Magnesium	3.58	µg/L		T
MW-09S	4/27/2009	Manganese	7.58	µg/L		T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	4/27/2009	Mercury	0.01	µg/L	U	T
MW-09S	4/27/2009	Methylene chloride	0.04	µg/L	U	T
MW-09S	4/27/2009	Molybdenum	0.1	µg/L	U	T
MW-09S	4/27/2009	MTBE	0.1	µg/L	U	T
MW-09S	4/27/2009	Nickel	3.37	µg/L		T
MW-09S	4/27/2009	Nitrate (as N)	1.5	mg/L		T
MW-09S	4/27/2009	pH	5.1	pH units		T
MW-09S	4/27/2009	Potassium	2.71	µg/L		T
MW-09S	4/27/2009	Selenium	1.69	µg/L		T
MW-09S	4/27/2009	Silver	0.06	µg/L	U	T
MW-09S	4/27/2009	Sodium	14.9	µg/L		T
MW-09S	4/27/2009	Specific Conductance	177	uS/cm		T
MW-09S	4/27/2009	Strontium	59.6	µg/L		T
MW-09S	4/27/2009	Sulfide	0	mg/L	U	T
MW-09S	4/27/2009	Sulphate	6	mg/L		T
MW-09S	4/27/2009	Temp	22.9	degree C		T
MW-09S	4/27/2009	Tetrachloroethene	0.03	µg/L		T
MW-09S	4/27/2009	Toluene	0.02	µg/L	U	T
MW-09S	4/27/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-09S	4/27/2009	Trichloroethene	0.03	µg/L		T
MW-09S	4/27/2009	Trichlorofluoromethane	0.07	µg/L		T
MW-09S	4/27/2009	Turbidity	0.2	NTU		T
MW-09S	4/27/2009	Vinyl chloride	0.1	µg/L	U	T
MW-09S	4/27/2009	Zinc	3.2	µg/L		T
MW-09S	5/12/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-09S	5/12/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-09S	5/12/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-09S	5/12/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-09S	5/12/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-09S	5/12/2010	1,2-Dichloropropane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-09S	5/12/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-09S	5/12/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-09S	5/12/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-09S	5/12/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-09S	5/12/2010	Acetone	4	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	5/12/2010	Aluminium	200	µg/L		T
MW-09S	5/12/2010	Antimony	2	µg/L	U	T
MW-09S	5/12/2010	Arsenic	0.15	µg/L		T
MW-09S	5/12/2010	Barium	120	µg/L		T
MW-09S	5/12/2010	Benzene	0.5	µg/L	U	T
MW-09S	5/12/2010	Beryllium	0.11	µg/L		T
MW-09S	5/12/2010	Bromobenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	Bromochloromethane	0.5	µg/L	U	T
MW-09S	5/12/2010	Bromoform	1	µg/L	U	T
MW-09S	5/12/2010	Bromomethane	2	µg/L	U	T
MW-09S	5/12/2010	Cadmium	4.3	µg/L		T
MW-09S	5/12/2010	Calcium	7800	µg/L		T
MW-09S	5/12/2010	Carbon disulfide	0.5	µg/L	U	T
MW-09S	5/12/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-09S	5/12/2010	Chlorobenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-09S	5/12/2010	Chloroethane	0.5	µg/L	U	T
MW-09S	5/12/2010	Chloroform	1.1	µg/L		T
MW-09S	5/12/2010	Chloromethane	0.5	µg/L	U	T
MW-09S	5/12/2010	Chromium (III+VI)	3.6	µg/L		T
MW-09S	5/12/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-09S	5/12/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-09S	5/12/2010	Cobalt	0.52	µg/L		T
MW-09S	5/12/2010	Copper	13	µg/L		T
MW-09S	5/12/2010	Cyclohexane	0.5	µg/L	U	T
MW-09S	5/12/2010	Dibromomethane	0.5	µg/L	U	T
MW-09S	5/12/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-09S	5/12/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-09S	5/12/2010	Ethylbenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-09S	5/12/2010	Iron	280	µg/L		T
MW-09S	5/12/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	Lead	0.39	µg/L		T
MW-09S	5/12/2010	Magnesium	3800	µg/L		T
MW-09S	5/12/2010	Manganese	12	µg/L		T
MW-09S	5/12/2010	Methyl acetate	1	µg/L	U	T
MW-09S	5/12/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-09S	5/12/2010	Methylbenzanthracene	1	µg/L	U	T
MW-09S	5/12/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-09S	5/12/2010	Methylene chloride	0.5	µg/L	U	T
MW-09S	5/12/2010	M-P-XYLENE	1	µg/L	U	T
MW-09S	5/12/2010	MTBE	0.5	µg/L	U	T
MW-09S	5/12/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	Nickel	4.9	µg/L		T
MW-09S	5/12/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-09S	5/12/2010	Potassium	2500	µg/L		T
MW-09S	5/12/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	Selenium	2.5	µg/L		T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	5/12/2010	Silver	1	µg/L	U	T
MW-09S	5/12/2010	Sodium	15000	µg/L		T
MW-09S	5/12/2010	Styrene	0.5	µg/L	U	T
MW-09S	5/12/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-09S	5/12/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-09S	5/12/2010	Tetrachloroethene	0.5	µg/L	U	T
MW-09S	5/12/2010	Thallium	1	µg/L	U	T
MW-09S	5/12/2010	Toluene	0.5	µg/L	U	T
MW-09S	5/12/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-09S	5/12/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-09S	5/12/2010	Trichloroethene	3.5	µg/L		T
MW-09S	5/12/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-09S	5/12/2010	Vanadium	0.11	µg/L		T
MW-09S	5/12/2010	Vinyl chloride	0.5	µg/L	U	T
MW-09S	5/12/2010	Xylene (o)	0.5	µg/L	U	T
MW-09S	5/12/2010	Xylene Total	0.5	µg/L	U	T
MW-09S	5/12/2010	Zinc	36	µg/L		T
MW-09S	5/25/2010	Dichlorodifluoromethane	11.6	µg/L		
MW-09S	5/25/2010	Dichlorodifluoromethane	12.2	µg/L		
MW-09S	5/25/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	1190	µg/L		
MW-09S	5/25/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	1290	µg/L		
MW-09S	5/25/2010	Trichlorofluoromethane	12.6	µg/L		
MW-09S	10/26/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-09S	10/26/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-09S	10/26/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-09S	10/26/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-09S	10/26/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-09S	10/26/2011	1,2-dichloropropane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-09S	10/26/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-09S	10/26/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-09S	10/26/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-09S	10/26/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-09S	10/26/2011	Acetone	4	µg/L	U	T
MW-09S	10/26/2011	Aluminium	2700	µg/L		T
MW-09S	10/26/2011	Antimony	1	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	10/26/2011	Arsenic	1.3	µg/L	U	T
MW-09S	10/26/2011	Barium	190	µg/L		T
MW-09S	10/26/2011	Benzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Beryllium	3	µg/L	U	T
MW-09S	10/26/2011	Bromobenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Bromochloromethane	0.5	µg/L	U	T
MW-09S	10/26/2011	Bromoform	1	µg/L	U	T
MW-09S	10/26/2011	Bromomethane	2	µg/L	U	T
MW-09S	10/26/2011	Cadmium	19	µg/L		T
MW-09S	10/26/2011	Calcium	8700	µg/L		T
MW-09S	10/26/2011	Carbon disulfide	0.5	µg/L	U	T
MW-09S	10/26/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-09S	10/26/2011	Chlorobenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-09S	10/26/2011	Chloroethane	2	µg/L	U	T
MW-09S	10/26/2011	Chloroform	1.2	µg/L		T
MW-09S	10/26/2011	Chloromethane	0.5	µg/L	U	T
MW-09S	10/26/2011	Chromium (III+VI)	34	µg/L		T
MW-09S	10/26/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-09S	10/26/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-09S	10/26/2011	Cobalt	5	µg/L	U	T
MW-09S	10/26/2011	Copper	57	µg/L		T
MW-09S	10/26/2011	Cyclohexane	0.5	µg/L	U	T
MW-09S	10/26/2011	Dibromomethane	0.5	µg/L	U	T
MW-09S	10/26/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-09S	10/26/2011	Dissolved Oxygen	5.87	mg/l		T
MW-09S	10/26/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-09S	10/26/2011	Ethylbenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-09S	10/26/2011	Iron	3000	µg/L		T
MW-09S	10/26/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Lead	3.8	µg/L		T
MW-09S	10/26/2011	M AND P XYLENES	1	µg/L	U	T
MW-09S	10/26/2011	Magnesium	4600	µg/L		T
MW-09S	10/26/2011	Manganese	41	µg/L		T
MW-09S	10/26/2011	Mercury	0.1	µg/L	U	T
MW-09S	10/26/2011	Methyl acetate	1	µg/L	U	T
MW-09S	10/26/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-09S	10/26/2011	Methylbenzanthracene	1	µg/L	U	T
MW-09S	10/26/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-09S	10/26/2011	Methylene chloride	0.5	µg/L	U	T
MW-09S	10/26/2011	Molybdenum	5	µg/L	U	T
MW-09S	10/26/2011	MTBE	0.5	µg/L	U	T
MW-09S	10/26/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Nickel	25	µg/L		T
MW-09S	10/26/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Oxidation-Reduction Potential	268.2	mV		T
MW-09S	10/26/2011	pH	4.94	pH Units		T
MW-09S	10/26/2011	p-Isopropyltoluene	0.5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-09S	10/26/2011	Potassium	3300	µg/L		T
MW-09S	10/26/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Selenium	2	µg/L	U	T
MW-09S	10/26/2011	Silver	5	µg/L	U	T
MW-09S	10/26/2011	Sodium	13000	µg/L		T
MW-09S	10/26/2011	Specific Conductance	160.4	umhos/cm		T
MW-09S	10/26/2011	Strontium	68	µg/L		T
MW-09S	10/26/2011	Styrene	0.5	µg/L	U	T
MW-09S	10/26/2011	Temp	22.4	°C		T
MW-09S	10/26/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-09S	10/26/2011	Tetrachloroethene	0.5	µg/L	U	T
MW-09S	10/26/2011	Thallium	1	µg/L	U	T
MW-09S	10/26/2011	Tin	15	µg/L	U	T
MW-09S	10/26/2011	Titanium	34	µg/L		T
MW-09S	10/26/2011	Toluene	0.5	µg/L	U	T
MW-09S	10/26/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-09S	10/26/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-09S	10/26/2011	Trichloroethene	2.1	µg/L		T
MW-09S	10/26/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-09S	10/26/2011	Turbidity	1.32	NTU		T
MW-09S	10/26/2011	Vanadium	5	µg/L	U	T
MW-09S	10/26/2011	Vinyl chloride	0.5	µg/L	U	T
MW-09S	10/26/2011	Xylene (o)	0.5	µg/L	U	T
MW-09S	10/26/2011	Xylene Total	0.5	µg/L	U	T
MW-09S	10/26/2011	Yttrium	4.8	µg/L		T
MW-09S	10/26/2011	Zinc	140	µg/L		T
MW-09S	7/11/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-09S	7/11/2016	Tetrachloroethene	0.372	µg/L	U	
MW-09S	7/11/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-09S	7/11/2016	Trichloroethene	0.567	µg/L	J	
MW-09S	7/11/2016	Vinyl Chloride	0.259	µg/L	U	
MW-10S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	27	mg/L		T
MW-10S	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-10S	1/1/2000	Dissolved organic carbon	8	mg/L		T
MW-10S	1/1/2000	Ethane	2.5	µg/L	U	T
MW-10S	1/1/2000	Ethene	2.6	µg/L	U	T
MW-10S	1/1/2000	Methane	1.3	µg/L	U	T
MW-10S	1/1/2000	Nitrate (as N)	2.6	mg/L		T
MW-10S	1/1/2000	N-Tridecane	0.05	µg/L		T
MW-10S	1/1/2000	N-Tridecane	0.1	µg/L		T
MW-10S	1/1/2000	N-Tridecane	0.11	µg/L		T
MW-10S	1/1/2000	N-Tridecane	0.22	µg/L		T
MW-10S	1/1/2000	N-Tridecane	0.5	µg/L		T
MW-10S	1/1/2000	N-Tridecane	0.6	µg/L		T
MW-10S	1/1/2000	N-Tridecane	0.7	µg/L		T
MW-10S	1/1/2000	N-Tridecane	1	µg/L		T
MW-10S	1/1/2000	N-Tridecane	1.1	µg/L		T
MW-10S	1/1/2000	N-Tridecane	1.7	µg/L		T
MW-10S	1/1/2000	N-Tridecane	2	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	1/1/2000	N-Tridecane	2.5	µg/L		T
MW-10S	1/1/2000	N-Tridecane	3.1	µg/L		T
MW-10S	1/1/2000	N-Tridecane	3.7	µg/L		T
MW-10S	1/1/2000	N-Tridecane	4.2	µg/L		T
MW-10S	1/1/2000	N-Tridecane	4.8	µg/L		T
MW-10S	1/1/2000	N-Tridecane	5	µg/L		T
MW-10S	1/1/2000	N-Tridecane	6.2	µg/L		T
MW-10S	1/1/2000	N-Tridecane	10	µg/L		T
MW-10S	1/1/2000	N-Tridecane	11	µg/L		T
MW-10S	1/1/2000	N-Tridecane	25	µg/L		T
MW-10S	1/1/2000	N-Tridecane	55	µg/L		T
MW-10S	1/1/2000	N-Tridecane	200	µg/L		T
MW-10S	1/1/2000	N-Tridecane	240	µg/L		T
MW-10S	1/1/2000	N-Tridecane	370	µg/L		T
MW-10S	1/1/2000	N-Tridecane	2400	µg/L		T
MW-10S	1/1/2000	N-Tridecane	3400	µg/L		T
MW-10S	1/1/2000	N-Tridecane	8100	µg/L		T
MW-10S	1/1/2000	N-Tridecane	28000	µg/L		T
MW-10S	1/1/2000	Sulphate	45	mg/L		T
MW-10S	1/1/2000	TOC	9.2	mg/L		T
MW-10S	1/1/2000	Toluene	10	µg/L		T
MW-10S	5/1/2000	Chloride	13	mg/L		T
MW-10S	5/1/2000	Nitrate (as N)	2.6	mg/L		T
MW-10S	5/1/2000	N-Tridecane	2	µg/L		T
MW-10S	5/1/2000	N-Tridecane	3	µg/L		T
MW-10S	5/1/2000	N-Tridecane	4	µg/L		T
MW-10S	5/1/2000	N-Tridecane	5	µg/L		T
MW-10S	5/1/2000	N-Tridecane	6	µg/L		T
MW-10S	5/1/2000	N-Tridecane	7	µg/L		T
MW-10S	5/1/2000	N-Tridecane	10	µg/L		T
MW-10S	5/1/2000	N-Tridecane	25	µg/L		T
MW-10S	5/1/2000	N-Tridecane	660	µg/L		T
MW-10S	5/1/2000	ORP	152	mV		T
MW-10S	5/2/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-10S	5/2/2000	4,4-Butylidenebis[2]phenol	5	µg/L		T
MW-10S	5/2/2000	Acetone	10	µg/L	U	T
MW-10S	5/2/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-10S	5/2/2000	Aluminium	5800	µg/L		T
MW-10S	5/2/2000	Antimony	4	µg/L	U	T
MW-10S	5/2/2000	Arsenic	3	µg/L	U	T
MW-10S	5/2/2000	Barium	99	µg/L		T
MW-10S	5/2/2000	Benzene	10	µg/L	U	T
MW-10S	5/2/2000	Beryllium	0.6	µg/L		T
MW-10S	5/2/2000	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-10S	5/2/2000	Cadmium	0.3	µg/L	U	T
MW-10S	5/2/2000	Calcium	11000	µg/L		T
MW-10S	5/2/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-10S	5/2/2000	Chloroform	10	µg/L	U	T
MW-10S	5/2/2000	Chromium (III+VI)	60	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	5/2/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-10S	5/2/2000	Cobalt	11	µg/L	U	T
MW-10S	5/2/2000	Copper	79	µg/L	U	T
MW-10S	5/2/2000	Cyanide Total	10	µg/L	U	T
MW-10S	5/2/2000	Cyclohexane	10	µg/L	U	T
MW-10S	5/2/2000	Cyromazine	5	µg/L		T
MW-10S	5/2/2000	Dieldrin	0.1	µg/L	U	T
MW-10S	5/2/2000	Diethylene glycol, monobutyl ether	7	µg/L		T
MW-10S	5/2/2000	Dissolved Oxygen	9.48	mg/l		T
MW-10S	5/2/2000	Electrical conductivity *(lab)	0.203	umhos/cm		T
MW-10S	5/2/2000	Endrin ketone	0.1	µg/L	U	T
MW-10S	5/2/2000	Ferrous Iron	0.8	mg/L		T
MW-10S	5/2/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-10S	5/2/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-10S	5/2/2000	Hexadecanoic Acid	4	µg/L		T
MW-10S	5/2/2000	Iron	6100	µg/L		T
MW-10S	5/2/2000	Lead	15	µg/L		T
MW-10S	5/2/2000	Magnesium	4100	µg/L		T
MW-10S	5/2/2000	Manganese	280	µg/L		T
MW-10S	5/2/2000	Mercury	0.1	µg/L	U	T
MW-10S	5/2/2000	Methyl acetate	10	µg/L	U	T
MW-10S	5/2/2000	Nickel	65	µg/L		T
MW-10S	5/2/2000	N-Tridecane	1.3	µg/L		T
MW-10S	5/2/2000	N-Tridecane	2.5	µg/L		T
MW-10S	5/2/2000	N-Tridecane	2.6	µg/L		T
MW-10S	5/2/2000	N-Tridecane	10	µg/L		T
MW-10S	5/2/2000	Octadecanal	3	µg/L		T
MW-10S	5/2/2000	Octanoic Acid	6	µg/L		T
MW-10S	5/2/2000	ORP	152	millivolts		T
MW-10S	5/2/2000	pH	5.41	pH Units		T
MW-10S	5/2/2000	pH	5.41	SU		T
MW-10S	5/2/2000	Potassium	3200	µg/L		T
MW-10S	5/2/2000	Selenium	3.5	µg/L	U	T
MW-10S	5/2/2000	Silver	1.8	µg/L	U	T
MW-10S	5/2/2000	Sodium	25000	µg/L		T
MW-10S	5/2/2000	Specific Conductance	203	umhos/cm		T
MW-10S	5/2/2000	Temp	23.4	degree C		T
MW-10S	5/2/2000	Tetrachloroethene	10	µg/L	U	T
MW-10S	5/2/2000	Thallium	3.5	µg/L	U	T
MW-10S	5/2/2000	Toluene	10	µg/L		T
MW-10S	5/2/2000	Trichloroethene	10	µg/L	U	T
MW-10S	5/2/2000	Turbidity	0.75	NTU		T
MW-10S	5/2/2000	Unknown Compound	660	µg/L		T
MW-10S	5/2/2000	Vanadium	8.7	µg/L	U	T
MW-10S	5/2/2000	Xylene Total	10	µg/L	U	T
MW-10S	5/2/2000	Zinc	120	µg/L	U	T
MW-10S	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-10S	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-10S	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-10S	1/1/2001	Aluminium	240	µg/L		T
MW-10S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-10S	1/1/2001	Barium	55	µg/L		T
MW-10S	1/1/2001	Benzene	10	µg/L	U	T
MW-10S	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-10S	1/1/2001	Cadmium	0.6	µg/L	U	T
MW-10S	1/1/2001	Calcium	8100	µg/L		T
MW-10S	1/1/2001	Caprolactam	10	µg/L	U	T
MW-10S	1/1/2001	Chloroform	10	µg/L	U	T
MW-10S	1/1/2001	Chromium (III+VI)	3.7	µg/L		T
MW-10S	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-10S	1/1/2001	Cobalt	0.7	µg/L	U	T
MW-10S	1/1/2001	Copper	1.1	µg/L	U	T
MW-10S	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-10S	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-10S	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-10S	1/1/2001	Dissolved Oxygen	5.05	mg/l		T
MW-10S	1/1/2001	Endrin	0.1	µg/L	U	T
MW-10S	1/1/2001	Ferrous Iron	0	mg/l	U	T
MW-10S	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-10S	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-10S	1/1/2001	Iron	200	µg/L		T
MW-10S	1/1/2001	Lead	1.7	µg/L	U	T
MW-10S	1/1/2001	Magnesium	3400	µg/L		T
MW-10S	1/1/2001	Manganese	11	µg/L	U	T
MW-10S	1/1/2001	Mercury	0.11	µg/L	U	T
MW-10S	1/1/2001	Nickel	3.1	µg/L		T
MW-10S	1/1/2001	ORP	252	mV		T
MW-10S	1/1/2001	Potassium	2400	µg/L		T
MW-10S	1/1/2001	Sodium	28000	µg/L		T
MW-10S	1/1/2001	Sulfallate	45	mg/l		T
MW-10S	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-10S	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-10S	1/1/2001	Unknown Compound	370	µg/L		T
MW-10S	1/1/2001	Unknown amide	5	µg/L		T
MW-10S	1/1/2001	Vanadium	0.7	µg/L	U	T
MW-10S	1/1/2001	Xylene Total	10	µg/L	U	T
MW-10S	1/1/2001	Zinc	1.7	µg/L		T
MW-10S	1/21/2001	Dissolved Oxygen	5.05	mg/l		T
MW-10S	1/21/2001	Electrical conductivity *(lab)	228	umhos/cm		T
MW-10S	1/21/2001	Ferrous Iron	0.5	mg/l	U	T
MW-10S	1/21/2001	ORP	252	millivolts		T
MW-10S	1/21/2001	pH	5.18	SU		T
MW-10S	1/21/2001	Temp	21.8	degree C		T
MW-10S	1/21/2001	Turbidity	1	NTU		T
MW-10S	7/1/2007	Dissolved Oxygen	6.6	mg/L		T
MW-10S	7/26/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-10S	7/26/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	7/26/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-10S	7/26/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-10S	7/26/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-10S	7/26/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-10S	7/26/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-10S	7/26/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-10S	7/26/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-10S	7/26/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-10S	7/26/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-10S	7/26/2007	Benzene	5	µg/L	U	T
MW-10S	7/26/2007	Bromoform	5	µg/L	U	T
MW-10S	7/26/2007	Bromomethane	5	µg/L	U	T
MW-10S	7/26/2007	Carbon tetrachloride	5	µg/L	U	T
MW-10S	7/26/2007	Chlorobenzene	5	µg/L	U	T
MW-10S	7/26/2007	Chlorodibromomethane	5	µg/L	U	T
MW-10S	7/26/2007	Chloroethane	5	µg/L	U	T
MW-10S	7/26/2007	Chloroform	5	µg/L	U	T
MW-10S	7/26/2007	Chloromethane	5	µg/L	U	T
MW-10S	7/26/2007	Chromium (III+VI)	14	µg/L		T
MW-10S	7/26/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-10S	7/26/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-10S	7/26/2007	Dissolved Oxygen	6.6	mg/l		T
MW-10S	7/26/2007	Ethylbenzene	5	µg/L	U	T
MW-10S	7/26/2007	Lead	5	µg/L	U	T
MW-10S	7/26/2007	Methylene chloride	5	µg/L	U	T
MW-10S	7/26/2007	pH	5.36	pH units		T
MW-10S	7/26/2007	Specific Conductance	0.263	S/m		T
MW-10S	7/26/2007	Temp	23.6	deg C		T
MW-10S	7/26/2007	Tetrachloroethene	5	µg/L	U	T
MW-10S	7/26/2007	Thallium	10	µg/L	U	T
MW-10S	7/26/2007	Toluene	5	µg/L	U	T
MW-10S	7/26/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-10S	7/26/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-10S	7/26/2007	Trichloroethene	5	µg/L	U	T
MW-10S	7/26/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-10S	7/26/2007	Turbidity	36	NTU		T
MW-10S	7/26/2007	Vinyl chloride	5	µg/L	U	T
MW-10S	4/27/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-10S	4/27/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-10S	4/27/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-10S	4/27/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-10S	4/27/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-10S	4/27/2009	Aluminium	8.4	µg/L		T
MW-10S	4/27/2009	Arsenic	0.2	µg/L	U	T
MW-10S	4/27/2009	Barium	56.9	µg/L		T
MW-10S	4/27/2009	Benzene	0.02	µg/L	U	T
MW-10S	4/27/2009	Beryllium	0.2	µg/L	U	T
MW-10S	4/27/2009	Cadmium	0.045	µg/L		T
MW-10S	4/27/2009	Calcium	8.73	µg/L		T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	4/27/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-10S	4/27/2009	Chloroform	1.01	µg/L		T
MW-10S	4/27/2009	Chromium (III+VI)	3.13	µg/L		T
MW-10S	4/27/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-10S	4/27/2009	Cobalt	0.053	µg/L		T
MW-10S	4/27/2009	Copper	15.7	µg/L		T
MW-10S	4/27/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-10S	4/27/2009	Dissolved Oxygen	5.1	mg/L		T
MW-10S	4/27/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-10S	4/27/2009	Ethyl ether	0.1	µg/L	U	T
MW-10S	4/27/2009	Ferrous Iron	0.01	mg/L		T
MW-10S	4/27/2009	Iron	12.2	µg/L		T
MW-10S	4/27/2009	Lead	0.131	µg/L		T
MW-10S	4/27/2009	Lithium	0.82	µg/L		T
MW-10S	4/27/2009	Magnesium	3.76	µg/L		T
MW-10S	4/27/2009	Manganese	4.65	µg/L		T
MW-10S	4/27/2009	Mercury	0.01	µg/L	U	T
MW-10S	4/27/2009	Methylene chloride	0.04	µg/L	U	T
MW-10S	4/27/2009	Molybdenum	0.1	µg/L	U	T
MW-10S	4/27/2009	MTBE	0.1	µg/L	U	T
MW-10S	4/27/2009	Nickel	1.73	µg/L		T
MW-10S	4/27/2009	Nitrate (as N)	6.4	mg/L		T
MW-10S	4/27/2009	pH	5.3	pH units		T
MW-10S	4/27/2009	Potassium	2.39	µg/L		T
MW-10S	4/27/2009	Selenium	3.09	µg/L		T
MW-10S	4/27/2009	Silver	0.06	µg/L	U	T
MW-10S	4/27/2009	Sodium	25.6	µg/L		T
MW-10S	4/27/2009	Specific Conductance	249	uS/cm		T
MW-10S	4/27/2009	Strontium	47.7	µg/L		T
MW-10S	4/27/2009	Sulfide	0	mg/L	U	T
MW-10S	4/27/2009	Sulphate	13	mg/L		T
MW-10S	4/27/2009	Temp	22.6	degree C		T
MW-10S	4/27/2009	Tetrachloroethene	0.07	µg/L		T
MW-10S	4/27/2009	Toluene	0.02	µg/L	U	T
MW-10S	4/27/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-10S	4/27/2009	Trichloroethene	0.02	µg/L	U	T
MW-10S	4/27/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-10S	4/27/2009	Turbidity	0.5	NTU		T
MW-10S	4/27/2009	Vinyl chloride	0.1	µg/L	U	T
MW-10S	4/27/2009	Zinc	2.9	µg/L		T
MW-10S	5/12/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-10S	5/12/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-10S	5/12/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-10S	5/12/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-10S	5/12/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-10S	5/12/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-10S	5/12/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-10S	5/12/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	5/12/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-10S	5/12/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-10S	5/12/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-10S	5/12/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-10S	5/12/2010	1,2-dichloropropane	0.5	µg/L	U	T
MW-10S	5/12/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-10S	5/12/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-10S	5/12/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-10S	5/12/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-10S	5/12/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-10S	5/12/2010	Acetone	4	µg/L	U	T
MW-10S	5/12/2010	Aluminium	330	µg/L		T
MW-10S	5/12/2010	Antimony	2	µg/L	U	T
MW-10S	5/12/2010	Arsenic	0.16	µg/L		T
MW-10S	5/12/2010	Barium	64	µg/L		T
MW-10S	5/12/2010	Benzene	0.5	µg/L	U	T
MW-10S	5/12/2010	Beryllium	0.16	µg/L		T
MW-10S	5/12/2010	Bromobenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	Bromochloromethane	0.5	µg/L	U	T
MW-10S	5/12/2010	Bromoform	1	µg/L	U	T
MW-10S	5/12/2010	Bromomethane	2	µg/L	U	T
MW-10S	5/12/2010	Cadmium	0.11	µg/L		T
MW-10S	5/12/2010	Calcium	11000	µg/L		T
MW-10S	5/12/2010	Carbon disulfide	0.5	µg/L	U	T
MW-10S	5/12/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-10S	5/12/2010	Chlorobenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-10S	5/12/2010	Chloroethane	0.5	µg/L	U	T
MW-10S	5/12/2010	Chloroform	1.2	µg/L		T
MW-10S	5/12/2010	Chloromethane	0.5	µg/L	U	T
MW-10S	5/12/2010	Chromium (III+VI)	2.5	µg/L		T
MW-10S	5/12/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-10S	5/12/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-10S	5/12/2010	Cobalt	1	µg/L	U	T
MW-10S	5/12/2010	Copper	1.3	µg/L		T
MW-10S	5/12/2010	Cyclohexane	0.5	µg/L	U	T
MW-10S	5/12/2010	Dibromomethane	0.5	µg/L	U	T
MW-10S	5/12/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-10S	5/12/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-10S	5/12/2010	Ethylbenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-10S	5/12/2010	Iron	360	µg/L		T
MW-10S	5/12/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	Lead	1	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	5/12/2010	Magnesium	4500	µg/L		T
MW-10S	5/12/2010	Manganese	9.7	µg/L		T
MW-10S	5/12/2010	Methyl acetate	1	µg/L	U	T
MW-10S	5/12/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-10S	5/12/2010	Methylbenzanthracene	1	µg/L	U	T
MW-10S	5/12/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-10S	5/12/2010	Methylene chloride	0.5	µg/L	U	T
MW-10S	5/12/2010	M-P-XYLENE	1	µg/L	U	T
MW-10S	5/12/2010	MTBE	0.5	µg/L	U	T
MW-10S	5/12/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	Nickel	2.3	µg/L		T
MW-10S	5/12/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-10S	5/12/2010	Potassium	2400	µg/L		T
MW-10S	5/12/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	Selenium	3.3	µg/L		T
MW-10S	5/12/2010	Silver	1	µg/L	U	T
MW-10S	5/12/2010	Sodium	24000	µg/L		T
MW-10S	5/12/2010	Styrene	0.5	µg/L	U	T
MW-10S	5/12/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-10S	5/12/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-10S	5/12/2010	Tetrachloroethene	0.5	µg/L	U	T
MW-10S	5/12/2010	Thallium	1	µg/L	U	T
MW-10S	5/12/2010	Toluene	0.5	µg/L	U	T
MW-10S	5/12/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-10S	5/12/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-10S	5/12/2010	Trichloroethene	0.5	µg/L	U	T
MW-10S	5/12/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-10S	5/12/2010	Vanadium	0.45	µg/L		T
MW-10S	5/12/2010	Vinyl chloride	0.5	µg/L	U	T
MW-10S	5/12/2010	Xylene (o)	0.5	µg/L	U	T
MW-10S	5/12/2010	Xylene Total	0.5	µg/L	U	T
MW-10S	5/12/2010	Zinc	11	µg/L		T
MW-10S	5/25/2010	Dichlorodifluoromethane	3.72	µg/L		
MW-10S	5/25/2010	Dichlorodifluoromethane	3.73	µg/L		
MW-10S	5/25/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.127	µg/L		
MW-10S	5/25/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.134	µg/L		
MW-10S	5/25/2010	Trichlorofluoromethane	7.14	µg/L		
MW-10S	5/25/2010	Trichlorofluoromethane	8.03	µg/L		
MW-10S	10/26/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-10S	10/26/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-10S	10/26/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	10/26/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-10S	10/26/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-10S	10/26/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-10S	10/26/2011	1,2-Dichloropropane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-10S	10/26/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-10S	10/26/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-10S	10/26/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-10S	10/26/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-10S	10/26/2011	Acetone	4	µg/L	U	T
MW-10S	10/26/2011	Aluminium	4600	µg/L		T
MW-10S	10/26/2011	Antimony	1	µg/L	U	T
MW-10S	10/26/2011	Arsenic	1.3	µg/L	U	T
MW-10S	10/26/2011	Barium	79	µg/L		T
MW-10S	10/26/2011	Benzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Beryllium	3	µg/L	U	T
MW-10S	10/26/2011	Bromobenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Bromochloromethane	0.5	µg/L	U	T
MW-10S	10/26/2011	Bromoform	1	µg/L	U	T
MW-10S	10/26/2011	Bromomethane	2	µg/L	U	T
MW-10S	10/26/2011	Cadmium	1.2	µg/L		T
MW-10S	10/26/2011	Calcium	12000	µg/L		T
MW-10S	10/26/2011	Carbon disulfide	0.5	µg/L	U	T
MW-10S	10/26/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-10S	10/26/2011	Chlorobenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-10S	10/26/2011	Chloroethane	2	µg/L	U	T
MW-10S	10/26/2011	Chloroform	0.88	µg/L		T
MW-10S	10/26/2011	Chloromethane	0.5	µg/L	U	T
MW-10S	10/26/2011	Chromium (III+VI)	32	µg/L		T
MW-10S	10/26/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-10S	10/26/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-10S	10/26/2011	Cobalt	5	µg/L	U	T
MW-10S	10/26/2011	Copper	16	µg/L		T
MW-10S	10/26/2011	Cyclohexane	0.5	µg/L	U	T
MW-10S	10/26/2011	Dibromomethane	0.5	µg/L	U	T
MW-10S	10/26/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-10S	10/26/2011	Dissolved Oxygen	6.1	mg/l		T
MW-10S	10/26/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-10S	10/26/2011	Ethylbenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-10S	10/26/2011	Iron	5500	µg/L		T
MW-10S	10/26/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Lead	3.3	µg/L		T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-10S	10/26/2011	M AND P XYLENES	1	µg/L	U	T
MW-10S	10/26/2011	Magnesium	5300	µg/L		T
MW-10S	10/26/2011	Manganese	46	µg/L		T
MW-10S	10/26/2011	Mercury	0.15	µg/L		T
MW-10S	10/26/2011	Methyl acetate	1	µg/L	U	T
MW-10S	10/26/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-10S	10/26/2011	Methylbenzanthracene	1	µg/L	U	T
MW-10S	10/26/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-10S	10/26/2011	Methylene chloride	0.5	µg/L	U	T
MW-10S	10/26/2011	Molybdenum	5	µg/L	U	T
MW-10S	10/26/2011	MTBE	0.5	µg/L	U	T
MW-10S	10/26/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Nickel	17	µg/L		T
MW-10S	10/26/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Oxidation-Reduction Potential	234.4	mV		T
MW-10S	10/26/2011	pH	5.28	pH Units		T
MW-10S	10/26/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-10S	10/26/2011	Potassium	3000	µg/L		T
MW-10S	10/26/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Selenium	3	µg/L		T
MW-10S	10/26/2011	Silver	5	µg/L	U	T
MW-10S	10/26/2011	Sodium	25000	µg/L		T
MW-10S	10/26/2011	Specific Conductance	230.4	umhos/cm		T
MW-10S	10/26/2011	Strontium	64	µg/L		T
MW-10S	10/26/2011	Styrene	0.5	µg/L	U	T
MW-10S	10/26/2011	Temp	22.7	°C		T
MW-10S	10/26/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-10S	10/26/2011	Tetrachloroethene	0.5	µg/L	U	T
MW-10S	10/26/2011	Thallium	1	µg/L	U	T
MW-10S	10/26/2011	Tin	15	µg/L	U	T
MW-10S	10/26/2011	Titanium	44	µg/L		T
MW-10S	10/26/2011	Toluene	0.5	µg/L	U	T
MW-10S	10/26/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-10S	10/26/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-10S	10/26/2011	Trichloroethene	0.5	µg/L	U	T
MW-10S	10/26/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-10S	10/26/2011	Turbidity	0.54	NTU		T
MW-10S	10/26/2011	Vanadium	8.1	µg/L		T
MW-10S	10/26/2011	Vinyl chloride	0.5	µg/L	U	T
MW-10S	10/26/2011	Xylene (o)	0.5	µg/L	U	T
MW-10S	10/26/2011	Xylene Total	0.5	µg/L	U	T
MW-10S	10/26/2011	Yttrium	7.1	µg/L		T
MW-10S	10/26/2011	Zinc	76	µg/L		T
MW-10S	7/12/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-10S	7/12/2016	Tetrachloroethene	0.372	µg/L	U	
MW-10S	7/12/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-10S	7/12/2016	Trichloroethene	0.398	µg/L	U	
MW-10S	7/12/2016	Vinyl Chloride	0.259	µg/L	U	
MW-11I	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	100	mg/L		T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-11I	1/1/2000	Ammonia	0.05	mg/L	U	T
MW-11I	1/1/2000	Chloride	11	mg/L		T
MW-11I	1/1/2000	Dissolved organic carbon	5.1	mg/L		T
MW-11I	1/1/2000	Ethane	2.5	µg/L	U	T
MW-11I	1/1/2000	Ethene	2.6	µg/L	U	T
MW-11I	1/1/2000	Methane	1.2	µg/L		T
MW-11I	1/1/2000	Nitrate (as N)	0.52	mg/L		T
MW-11I	1/1/2000	Sulphate	34	mg/L		T
MW-11I	1/1/2000	TOC	6	mg/L		T
MW-11I	5/8/2000	(E)-9-Octadecenoic acid	15	µg/L		T
MW-11I	5/8/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-11I	5/8/2000	1,2-Dichloroethene	10	µg/L	U	T
MW-11I	5/8/2000	1-Eicosonal	3	µg/L		T
MW-11I	5/8/2000	4,4-Butylidenebis[2]phenol	3	µg/L		T
MW-11I	5/8/2000	7,9-Di-tert-butyl-1-oxasprio	4	µg/L		T
MW-11I	5/8/2000	Acetone	10	µg/L	U	T
MW-11I	5/8/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-11I	5/8/2000	Aluminium	760	µg/L		T
MW-11I	5/8/2000	Antimony	4.4	µg/L	U	T
MW-11I	5/8/2000	Arsenic	4.5	µg/L	U	T
MW-11I	5/8/2000	Barium	19	µg/L		T
MW-11I	5/8/2000	Benzene	10	µg/L	U	T
MW-11I	5/8/2000	Beryllium	0.38	µg/L		T
MW-11I	5/8/2000	Bis(2-ethylhexyl) phthalate	29	µg/L	U	T
MW-11I	5/8/2000	Cadmium	0.61	µg/L	U	T
MW-11I	5/8/2000	Calcium	3300	µg/L		T
MW-11I	5/8/2000	Caprolactam	10	µg/L	U	T
MW-11I	5/8/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-11I	5/8/2000	Chloroform	11	µg/L		T
MW-11I	5/8/2000	Chromium (III+VI)	7.4	µg/L		T
MW-11I	5/8/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-11I	5/8/2000	Cobalt	1.3	µg/L	U	T
MW-11I	5/8/2000	Copper	88	µg/L		T
MW-11I	5/8/2000	Cyanide Total	10	µg/L	U	T
MW-11I	5/8/2000	Cyclohexane	10	µg/L	U	T
MW-11I	5/8/2000	Dieldrin	0.1	µg/L	U	T
MW-11I	5/8/2000	Dissolved Oxygen	11.97	mg/L		T
MW-11I	5/8/2000	Electrical conductivity *(lab)	0.06	umhos/cm		T
MW-11I	5/8/2000	Endrin ketone	0.1	µg/L	U	T
MW-11I	5/8/2000	Ethylbenzene	10	µg/L	U	T
MW-11I	5/8/2000	Ferrous Iron	0.21	mg/L		T
MW-11I	5/8/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-11I	5/8/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-11I	5/8/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-11I	5/8/2000	Hexanoic Acid	7	µg/L		T
MW-11I	5/8/2000	Iron	2600	µg/L		T
MW-11I	5/8/2000	Lauric anhydride	4	µg/L		T
MW-11I	5/8/2000	Lead	5.8	µg/L		T
MW-11I	5/8/2000	Magnesium	970	µg/L		T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-11I	5/8/2000	Manganese	130	µg/L		T
MW-11I	5/8/2000	Mercury	0.13	µg/L	U	T
MW-11I	5/8/2000	Methyl acetate	10	µg/L	U	T
MW-11I	5/8/2000	Methylcyclohexane	10	µg/L	U	T
MW-11I	5/8/2000	Nickel	53	µg/L		T
MW-11I	5/8/2000	Nonanoic Acid	15	µg/L		T
MW-11I	5/8/2000	N-Tridecane	0.05	µg/L		T
MW-11I	5/8/2000	N-Tridecane	0.1	µg/L		T
MW-11I	5/8/2000	N-Tridecane	0.5	µg/L		T
MW-11I	5/8/2000	N-Tridecane	1	µg/L		T
MW-11I	5/8/2000	N-Tridecane	1.2	µg/L		T
MW-11I	5/8/2000	N-Tridecane	2	µg/L		T
MW-11I	5/8/2000	N-Tridecane	2.5	µg/L		T
MW-11I	5/8/2000	N-Tridecane	2.6	µg/L		T
MW-11I	5/8/2000	N-Tridecane	5	µg/L		T
MW-11I	5/8/2000	N-Tridecane	10	µg/L		T
MW-11I	5/8/2000	ORP	126	millivolts		T
MW-11I	5/8/2000	pH	6.13	pH Units		T
MW-11I	5/8/2000	pH	6.13	SU		T
MW-11I	5/8/2000	Phenol	10	µg/L	U	T
MW-11I	5/8/2000	Potassium	1000	µg/L		T
MW-11I	5/8/2000	Selenium	3.7	µg/L	U	T
MW-11I	5/8/2000	Silver	3.2	µg/L	U	T
MW-11I	5/8/2000	Sodium	56000	µg/L		T
MW-11I	5/8/2000	Specific Conductance	60	umhos/cm		T
MW-11I	5/8/2000	Temp	22.1	degree C		T
MW-11I	5/8/2000	Tetrachloroethene	10	µg/L	U	T
MW-11I	5/8/2000	Tetradecanoic Acid	2	µg/L		T
MW-11I	5/8/2000	Thallium	5.9	µg/L	U	T
MW-11I	5/8/2000	Toluene	10	µg/L		T
MW-11I	5/8/2000	Trichloroethene	10	µg/L	U	T
MW-11I	5/8/2000	Turbidity	230	NTU		T
MW-11I	5/8/2000	Unknown Compound	130	µg/L		T
MW-11I	5/8/2000	Vanadium	1.7	µg/L		T
MW-11I	5/8/2000	Xylene Total	10	µg/L	U	T
MW-11I	5/8/2000	Zinc	130	µg/L		T
MW-11I	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
MW-11I	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
MW-11I	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
MW-11I	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-11I	1/1/2001	Aluminium	30000	µg/L		T
MW-11I	1/1/2001	Arsenic	14	µg/L		T
MW-11I	1/1/2001	Barium	1300	µg/L		T
MW-11I	1/1/2001	Benzene	10	µg/L	U	T
MW-11I	1/1/2001	Bis(2-ethylhexyl) phthalate	38	µg/L		T
MW-11I	1/1/2001	Cadmium	1.8	µg/L		T
MW-11I	1/1/2001	Calcium	32000	µg/L		T
MW-11I	1/1/2001	Caprolactam	10	µg/L	U	T
MW-11I	1/1/2001	Chloroform	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-11I	1/1/2001	Chromium (III+VI)	46	µg/L		T
MW-11I	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-11I	1/1/2001	Cobalt	8.4	µg/L		T
MW-11I	1/1/2001	Copper	85	µg/L		T
MW-11I	1/1/2001	Cyclohexane	10	µg/L	U	T
MW-11I	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-11I	1/1/2001	Diethylphthalate	10	µg/L	U	T
MW-11I	1/1/2001	Endrin	0.12	µg/L		T
MW-11I	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-11I	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-11I	1/1/2001	Iron	27000	µg/L		T
MW-11I	1/1/2001	Lead	86	µg/L		T
MW-11I	1/1/2001	Magnesium	8300	µg/L		T
MW-11I	1/1/2001	Manganese	1400	µg/L		T
MW-11I	1/1/2001	Mercury	0.17	µg/L	U	T
MW-11I	1/1/2001	Nickel	57	µg/L		T
MW-11I	1/1/2001	Potassium	7300	µg/L		T
MW-11I	1/1/2001	Sodium	27000	µg/L		T
MW-11I	1/1/2001	Tetrachloroethene	10	µg/L	U	T
MW-11I	1/1/2001	Trichloroethene	10	µg/L	U	T
MW-11I	1/1/2001	Unknown amide	3	µg/L		T
MW-11I	1/1/2001	Vanadium	18	µg/L		T
MW-11I	1/1/2001	Xylene Total	10	µg/L	U	T
MW-11I	1/1/2001	Zinc	160	µg/L		T
MW-11I	1/21/2001	Dissolved Oxygen	5.26	mg/l		T
MW-11I	1/21/2001	Electrical conductivity *(lab)	63	umhos/cm		T
MW-11I	1/21/2001	Ferrous Iron	0.5	mg/l	U	T
MW-11I	1/21/2001	ORP	220	millivolts		T
MW-11I	1/21/2001	pH	5.98	SU		T
MW-11I	1/21/2001	Temp	22.6	degree C		T
MW-11I	1/21/2001	Turbidity	808	NTU		T
MW-11S	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	130	mg/L		T
MW-11S	1/1/2000	Ammonia	0.057	mg/L		T
MW-11S	1/1/2000	Chloride	23	mg/L		T
MW-11S	1/1/2000	Dissolved organic carbon	4.7	mg/L		T
MW-11S	1/1/2000	Ethane	0.47	µg/L		T
MW-11S	1/1/2000	Ethene	0.49	µg/L		T
MW-11S	1/1/2000	Methane	0.65	µg/L		T
MW-11S	1/1/2000	Nitrate (as N)	4.2	mg/L		T
MW-11S	1/1/2000	Sulphate	15	mg/L		T
MW-11S	1/1/2000	TOC	8.6	mg/L		T
MW-11S	5/8/2000	1,1-Dichloroethene	10	µg/L	U	T
MW-11S	5/8/2000	1,2,3-Trimethylbenzene	10	µg/L		T
MW-11S	5/8/2000	1,2,4-Trimethylbenzene (2 isomers)	11	µg/L		T
MW-11S	5/8/2000	1,2-Dichloroethene	31	µg/L		T
MW-11S	5/8/2000	1,2-Dimethylcyclopentanol	110	µg/L		T
MW-11S	5/8/2000	1,3,5-Trimethylbenzene	6	µg/L		T
MW-11S	5/8/2000	1,3-Dimethyl cyclohexanol	8	µg/L		T
MW-11S	5/8/2000	1,3-Dimethyl cyclopentanol	400	µg/L		T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-11S	5/8/2000	1-Methyl-2-ethyl benzene	7	µg/L		T
MW-11S	5/8/2000	1-Methylcyclohexanol	100	µg/L		T
MW-11S	5/8/2000	2-(2-Methoxy Ethoxy)-Ethanol	8	µg/L		T
MW-11S	5/8/2000	2,3-Dimethyl-2,3-butanediol	13	µg/L		T
MW-11S	5/8/2000	2-Butyltetrahydrofuran	8	µg/L		T
MW-11S	5/8/2000	2-Methyl butane	26	µg/L		T
MW-11S	5/8/2000	2-Methyl-2-heptanol	9	µg/L		T
MW-11S	5/8/2000	2-Methyl-2-heptanol	27	µg/L		T
MW-11S	5/8/2000	2-Methyl-2-hexanol	6	µg/L		T
MW-11S	5/8/2000	2-Methyl-2-pentanol	16	µg/L		T
MW-11S	5/8/2000	2-Methyl-2-pentanol	32	µg/L		T
MW-11S	5/8/2000	2-Methyl-3-pentanol	8	µg/L		T
MW-11S	5/8/2000	2-Methyl-4-heptanol	6	µg/L		T
MW-11S	5/8/2000	3,3-Dimethyl-butanamide	19	µg/L		T
MW-11S	5/8/2000	4,4-Butylidenebis[2]phenol	12	µg/L		T
MW-11S	5/8/2000	Acetone	10	µg/L	U	T
MW-11S	5/8/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-11S	5/8/2000	Aluminium	1600	µg/L		T
MW-11S	5/8/2000	Antimony	4.4	µg/L	U	T
MW-11S	5/8/2000	Arsenic	6.5	µg/L	U	T
MW-11S	5/8/2000	Barium	92	µg/L		T
MW-11S	5/8/2000	Benzene	10	µg/L		T
MW-11S	5/8/2000	Beryllium	0.78	µg/L		T
MW-11S	5/8/2000	Bis(2-ethylhexyl) phthalate	36	µg/L	U	T
MW-11S	5/8/2000	Butane	13	µg/L		T
MW-11S	5/8/2000	Cadmium	0.3	µg/L	U	T
MW-11S	5/8/2000	Calcium	39000	µg/L		T
MW-11S	5/8/2000	Caprolactam	3000	µg/L		T
MW-11S	5/8/2000	Chlordane (cis)	0.05	µg/L	U	T
MW-11S	5/8/2000	Chloroform	10	µg/L	U	T
MW-11S	5/8/2000	Chromium (III+VI)	24	µg/L		T
MW-11S	5/8/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
MW-11S	5/8/2000	Cobalt	5.1	µg/L		T
MW-11S	5/8/2000	Copper	540	µg/L		T
MW-11S	5/8/2000	Cyanide Total	10	µg/L	U	T
MW-11S	5/8/2000	Cyclohexane	40	µg/L		T
MW-11S	5/8/2000	Cyclopentane	13	µg/L		T
MW-11S	5/8/2000	Dieldrin	0.1	µg/L	U	T
MW-11S	5/8/2000	Diisopropyl ether	11	µg/L		T
MW-11S	5/8/2000	Dissolved Oxygen	11.8	mg/l		T
MW-11S	5/8/2000	Electrical conductivity *(lab)	0.194	umhos/cm		T
MW-11S	5/8/2000	Endrin ketone	0.1	µg/L	U	T
MW-11S	5/8/2000	Ethylbenzene	41	µg/L		T
MW-11S	5/8/2000	Ferrous Iron	1.67	mg/l		T
MW-11S	5/8/2000	gamma-Chlordane	0.05	µg/L	U	T
MW-11S	5/8/2000	g-BHC (Lindane)	0.05	µg/L	U	T
MW-11S	5/8/2000	Heptachlor epoxide	0.05	µg/L	U	T
MW-11S	5/8/2000	Hexadecanoic Acid	10	µg/L		T
MW-11S	5/8/2000	Hexadecanol	6	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-11S	5/8/2000	Hexane	28	µg/L		T
MW-11S	5/8/2000	Iron	5200	µg/L		T
MW-11S	5/8/2000	Lead	2.9	µg/L		T
MW-11S	5/8/2000	Magnesium	5900	µg/L		T
MW-11S	5/8/2000	Manganese	1200	µg/L		T
MW-11S	5/8/2000	Mercury	0.1	µg/L	U	T
MW-11S	5/8/2000	Methyl acetate	44	µg/L		T
MW-11S	5/8/2000	Methylcyclohexane	7	µg/L		T
MW-11S	5/8/2000	Methylcyclopentane	23	µg/L		T
MW-11S	5/8/2000	Nickel	210	µg/L		T
MW-11S	5/8/2000	N-Tridecane	0.05	µg/L		T
MW-11S	5/8/2000	N-Tridecane	0.1	µg/L		T
MW-11S	5/8/2000	N-Tridecane	0.47	µg/L		T
MW-11S	5/8/2000	N-Tridecane	0.49	µg/L		T
MW-11S	5/8/2000	N-Tridecane	0.5	µg/L		T
MW-11S	5/8/2000	N-Tridecane	0.65	µg/L		T
MW-11S	5/8/2000	N-Tridecane	1	µg/L		T
MW-11S	5/8/2000	N-Tridecane	2	µg/L		T
MW-11S	5/8/2000	N-Tridecane	5	µg/L		T
MW-11S	5/8/2000	N-Tridecane	6	µg/L		T
MW-11S	5/8/2000	N-Tridecane	8	µg/L		T
MW-11S	5/8/2000	N-Tridecane	9	µg/L		T
MW-11S	5/8/2000	N-Tridecane	10	µg/L		T
MW-11S	5/8/2000	N-Tridecane	11	µg/L		T
MW-11S	5/8/2000	N-Tridecane	16	µg/L		T
MW-11S	5/8/2000	N-Tridecane	24	µg/L		T
MW-11S	5/8/2000	N-Tridecane	33	µg/L		T
MW-11S	5/8/2000	Octahydro-2-2'-bi-2h-pyran	24	µg/L		T
MW-11S	5/8/2000	ORP	97	millivolts		T
MW-11S	5/8/2000	Pentane	24	µg/L		T
MW-11S	5/8/2000	pH	5.85	SU		T
MW-11S	5/8/2000	Phenol	10	µg/L		T
MW-11S	5/8/2000	Potassium	4400	µg/L		T
MW-11S	5/8/2000	Selenium	3.7	µg/L	U	T
MW-11S	5/8/2000	Silver	3.2	µg/L	U	T
MW-11S	5/8/2000	Sodium	25000	µg/L		T
MW-11S	5/8/2000	Temp	24.1	degree C		T
MW-11S	5/8/2000	Tert-Butyl alcohol	22	µg/L		T
MW-11S	5/8/2000	Tetrachloroethene	10	µg/L	U	T
MW-11S	5/8/2000	Thallium	5.9	µg/L	U	T
MW-11S	5/8/2000	Toluene	10	µg/L		T
MW-11S	5/8/2000	Trichloroethene	10	µg/L	U	T
MW-11S	5/8/2000	Turbidity	0.45	NTU		T
MW-11S	5/8/2000	Unknown Compound	5	µg/L		T
MW-11S	5/8/2000	Unknown Compound	160	µg/L		T
MW-11S	5/8/2000	Vanadium	3.5	µg/L		T
MW-11S	5/8/2000	Xylene Total	33	µg/L		T
MW-11S	5/8/2000	Zinc	160	µg/L		T
MW-11S	1/1/2001	1,1-Dichloroethene	20	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-11S	1/1/2001	1,2-Dichloroethene	27	µg/L		T
MW-11S	1/1/2001	1-Methylcyclohexanol	64	µg/L		T
MW-11S	1/1/2001	2,4-Dimethylphenol	1	µg/L		T
MW-11S	1/1/2001	3-Methyl-3-heptanol	8	µg/L		T
MW-11S	1/1/2001	4,4-Butylidenebis[2]phenol	6	µg/L		T
MW-11S	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
MW-11S	1/1/2001	Alkalinity (Bicarbonate as CaCO3)	38	mg/L		T
MW-11S	1/1/2001	Ammonia	0.05	mg/L	U	T
MW-11S	1/1/2001	Arsenic	4.2	µg/L	U	T
MW-11S	1/1/2001	Barium	2200	µg/L		T
MW-11S	1/1/2001	Benzene	290	µg/L		T
MW-11S	1/1/2001	Bis(2-ethylhexyl) phthalate	13	µg/L		T
MW-11S	1/1/2001	Cadmium	1.7	µg/L		T
MW-11S	1/1/2001	Calcium	12000	µg/L		T
MW-11S	1/1/2001	Caprolactam	10	µg/L	U	T
MW-11S	1/1/2001	Chloride	16	mg/L		T
MW-11S	1/1/2001	Chloroform	2	µg/L		T
MW-11S	1/1/2001	Chromium (III+VI)	600	µg/L		T
MW-11S	1/1/2001	cis-1,2-Dichloroethene	20	µg/L	U	T
MW-11S	1/1/2001	Cobalt	6	µg/L		T
MW-11S	1/1/2001	Copper	100	µg/L		T
MW-11S	1/1/2001	Cyclohexane	22	µg/L		T
MW-11S	1/1/2001	Dieldrin	0.1	µg/L	U	T
MW-11S	1/1/2001	Diethylphthalate	1	µg/L		T
MW-11S	1/1/2001	Endrin	0.1	µg/L	U	T
MW-11S	1/1/2001	Ethane	0.28	µg/L		T
MW-11S	1/1/2001	Ethene	0.26	µg/L		T
MW-11S	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
MW-11S	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
MW-11S	1/1/2001	Methane	7.6	µg/L		T
MW-11S	1/1/2001	Nitrate (as N)	4	mg/L		T
MW-11S	1/1/2001	Sulphate	20	mg/L		T
MW-11S	1/1/2001	Tetrachloroethene	20	µg/L	U	T
MW-11S	1/1/2001	TOC	4.5	mg/L		T
MW-11S	1/1/2001	Trichloroethene	20	µg/L	U	T
MW-11S	1/1/2001	Unknown Compound	38	µg/L		T
MW-11S	1/1/2001	Unknown Compound	150	µg/L		T
MW-11S	1/1/2001	Unknown amide	3	µg/L		T
MW-11S	1/1/2001	Vanadium	5	µg/L		T
MW-11S	1/1/2001	Xylene Total	17	µg/L		T
MW-11S	1/1/2001	Zinc	33	µg/L		T
MW-11S	1/22/2001	Dissolved Oxygen	2.73	mg/l		T
MW-11S	1/22/2001	Electrical conductivity *(lab)	210	umhos/cm		T
MW-11S	1/22/2001	Ferrous Iron	0.5	mg/l	U	T
MW-11S	1/22/2001	ORP	163	millivolts		T
MW-11S	1/22/2001	pH	5.48	SU		T
MW-11S	1/22/2001	Temp	21.4	degree C		T
MW-11S	1/22/2001	Turbidity	1	NTU		T
MW-11S	2/1/2002	Aluminium	78	µg/L	U	F

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-11S	2/1/2002	Aluminium	1400	µg/L		T
MW-11S	2/1/2002	Antimony	3.1	µg/L	U	F
MW-11S	2/1/2002	Antimony	3.1	µg/L	U	T
MW-11S	2/1/2002	Arsenic	2.6	µg/L	U	F
MW-11S	2/1/2002	Arsenic	3.3	µg/L		T
MW-11S	2/1/2002	Barium	140	µg/L		F
MW-11S	2/1/2002	Barium	480	µg/L		T
MW-11S	2/1/2002	Beryllium	0.26	µg/L	U	F
MW-11S	2/1/2002	Beryllium	0.29	µg/L	U	T
MW-11S	2/1/2002	Calcium	12000	µg/L		F
MW-11S	2/1/2002	Calcium	16000	µg/L		T
MW-11S	2/1/2002	Chromium (hexavalent)	10	µg/L	U	T
MW-11S	2/1/2002	Chromium (III+VI)	3.7	µg/L		F
MW-11S	2/1/2002	Chromium (III+VI)	97	µg/L		T
MW-11S	2/1/2002	Cobalt	1.3	µg/L	U	F
MW-11S	2/1/2002	Cobalt	3.5	µg/L		T
MW-11S	2/1/2002	Copper	13	µg/L		F
MW-11S	2/1/2002	Copper	76	µg/L		T
MW-11S	2/1/2002	Iron	380	µg/L		F
MW-11S	2/1/2002	Iron	2700	µg/L		T
MW-11S	2/1/2002	Lead	1.9	µg/L	U	F
MW-11S	2/1/2002	Lead	1.9	µg/L	U	T
MW-11S	2/1/2002	Magnesium	4900	µg/L		F
MW-11S	2/1/2002	Magnesium	6200	µg/L		T
MW-11S	2/1/2002	Manganese	710	µg/L		F
MW-11S	2/1/2002	Manganese	1000	µg/L		T
MW-11S	2/1/2002	Mercury	0.1	µg/L	U	F
MW-11S	2/1/2002	Mercury	0.1	µg/L	U	T
MW-11S	2/1/2002	Nickel	14	µg/L		F
MW-11S	2/1/2002	Nickel	66	µg/L		T
MW-11S	2/1/2002	Potassium	3000	µg/L		F
MW-11S	2/1/2002	Potassium	3300	µg/L		T
MW-11S	2/1/2002	Selenium	2.5	µg/L	U	F
MW-11S	2/1/2002	Selenium	2.5	µg/L	U	T
MW-11S	2/1/2002	Sodium	18000	µg/L		F
MW-11S	2/1/2002	Sodium	18000	µg/L		T
MW-11S	2/1/2002	Thallium	4.3	µg/L	U	F
MW-11S	2/1/2002	Thallium	5.3	µg/L		T
MW-11S	2/1/2002	Vanadium	1.5	µg/L	U	F
MW-11S	2/1/2002	Vanadium	3	µg/L		T
MW-11S	2/1/2002	Zinc	32	µg/L		F
MW-11S	2/1/2002	Zinc	42	µg/L		T
MW-11S	2/13/2002	Electrical conductivity *(lab)	233	umhos/cm		T
MW-11S	2/13/2002	Ferrous Iron	1	mg/l		T
MW-11S	2/13/2002	ORP	129	millivolts		T
MW-11S	2/13/2002	pH	5.74	SU		T
MW-11S	2/13/2002	Temp	21.7	degree C		T
MW-11S	2/13/2002	Turbidity	7	NTU		T
MW-12I	1/1/2002	Alkalinity (Bicarbonate as CaCO3)	150	mg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12I	1/1/2002	Ammonia	0.17	mg/L		T
MW-12I	1/1/2002	Chloride	9.2	mg/L		T
MW-12I	1/1/2002	Ethane	2.6	µg/L	U	T
MW-12I	1/1/2002	Ethene	2.6	µg/L	U	T
MW-12I	1/1/2002	Methane	1.5	µg/L		T
MW-12I	1/1/2002	Nitrate (as N)	0.5	mg/L		T
MW-12I	1/1/2002	Sulphate	1200	mg/L		T
MW-12I	1/1/2002	TOC	3.5	mg/L		T
MW-12I	2/1/2002	1,2-dichloropropane	3	µg/L		T
MW-12I	2/1/2002	Acetone	25	µg/L	U	T
MW-12I	2/1/2002	Aluminium	500	µg/L		F
MW-12I	2/1/2002	Aluminium	3000	µg/L		T
MW-12I	2/1/2002	Antimony	3.1	µg/L	U	F
MW-12I	2/1/2002	Antimony	3.1	µg/L	U	T
MW-12I	2/1/2002	Arsenic	5.7	µg/L		F
MW-12I	2/1/2002	Arsenic	6	µg/L		T
MW-12I	2/1/2002	Barium	16	µg/L		F
MW-12I	2/1/2002	Barium	35	µg/L		T
MW-12I	2/1/2002	Benzene	2.8	µg/L		T
MW-12I	2/1/2002	Benzo(b)fluoranthene	10	µg/L	U	T
MW-12I	2/1/2002	Beryllium	0.2	µg/L	U	F
MW-12I	2/1/2002	Beryllium	0.25	µg/L	U	T
MW-12I	2/1/2002	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
MW-12I	2/1/2002	Calcium	36000	µg/L		F
MW-12I	2/1/2002	Calcium	40000	µg/L		T
MW-12I	2/1/2002	Chlorodibromomethane	1	µg/L	U	T
MW-12I	2/1/2002	Chloroform	33	µg/L		T
MW-12I	2/1/2002	Chromium (hexavalent)	10	µg/L	U	T
MW-12I	2/1/2002	Chromium (III+VI)	64	µg/L		F
MW-12I	2/1/2002	Chromium (III+VI)	400	µg/L		T
MW-12I	2/1/2002	Chrysene	10	µg/L	U	T
MW-12I	2/1/2002	cis-1,2-Dichloroethene	1	µg/L	U	T
MW-12I	2/1/2002	Cobalt	1.3	µg/L	U	F
MW-12I	2/1/2002	Cobalt	6.8	µg/L		T
MW-12I	2/1/2002	Copper	21	µg/L		F
MW-12I	2/1/2002	Copper	56	µg/L		T
MW-12I	2/1/2002	Drometrizole	20	µg/L		T
MW-12I	2/1/2002	Fluoranthene	10	µg/L	U	T
MW-12I	2/1/2002	Iron	250	µg/L		F
MW-12I	2/1/2002	Iron	3600	µg/L		T
MW-12I	2/1/2002	Lead	1.9	µg/L	U	F
MW-12I	2/1/2002	Lead	3.7	µg/L		T
MW-12I	2/1/2002	Magnesium	210	µg/L	U	F
MW-12I	2/1/2002	Magnesium	1100	µg/L		T
MW-12I	2/1/2002	Manganese	6.4	µg/L	U	F
MW-12I	2/1/2002	Manganese	90	µg/L		T
MW-12I	2/1/2002	Mercury	0.1	µg/L	U	F
MW-12I	2/1/2002	Mercury	0.1	µg/L	U	T
MW-12I	2/1/2002	Methyl Ethyl Ketone	25	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12I	2/1/2002	MTBE	1	µg/L	U	T
MW-12I	2/1/2002	Nickel	41	µg/L		F
MW-12I	2/1/2002	Nickel	310	µg/L		T
MW-12I	2/1/2002	Phenanthrene	10	µg/L	U	T
MW-12I	2/1/2002	Phenol	1.5	µg/L		T
MW-12I	2/1/2002	Potassium	6600	µg/L		T
MW-12I	2/1/2002	Potassium	6700	µg/L		F
MW-12I	2/1/2002	Pyrene	10	µg/L	U	T
MW-12I	2/1/2002	Selenium	3.7	µg/L		T
MW-12I	2/1/2002	Selenium	4.61	µg/L		F
MW-12I	2/1/2002	Sodium	110000	µg/L		F
MW-12I	2/1/2002	Sodium	110000	µg/L		T
MW-12I	2/1/2002	Tetrachloroethene	1.8	µg/L		T
MW-12I	2/1/2002	Thallium	4.3	µg/L	U	F
MW-12I	2/1/2002	Thallium	4.3	µg/L	U	T
MW-12I	2/1/2002	Trichloroethene	1	µg/L	U	T
MW-12I	2/1/2002	Vanadium	33	µg/L		F
MW-12I	2/1/2002	Vanadium	37	µg/L		T
MW-12I	2/1/2002	Zinc	5.2	µg/L		F
MW-12I	2/1/2002	Zinc	160	µg/L		T
MW-12I	2/14/2002	Electrical conductivity *(lab)	180	umhos/cm		T
MW-12I	2/14/2002	Ferrous Iron	0	mg/l	U	T
MW-12I	2/14/2002	ORP	101	millivolts		T
MW-12I	2/14/2002	pH	7.1	SU		T
MW-12I	2/14/2002	Temp	20.5	degree C		T
MW-12I	2/14/2002	Turbidity	3	NTU		T
MW-12I	4/22/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-12I	4/22/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-12I	4/22/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-12I	4/22/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-12I	4/22/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-12I	4/22/2009	Aluminium	220	µg/L		T
MW-12I	4/22/2009	Arsenic	0.48	µg/L		T
MW-12I	4/22/2009	Barium	18.9	µg/L		T
MW-12I	4/22/2009	Benzene	0.02	µg/L	U	T
MW-12I	4/22/2009	Beryllium	0.2	µg/L	U	T
MW-12I	4/22/2009	Cadmium	0.06	µg/L	U	T
MW-12I	4/22/2009	Calcium	6.2	µg/L		T
MW-12I	4/22/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-12I	4/22/2009	Chloroform	0.04	µg/L	U	T
MW-12I	4/22/2009	Chromium (III+VI)	2.1	µg/L		T
MW-12I	4/22/2009	cis-1,2-Dichloroethene	0.02	µg/L	U	T
MW-12I	4/22/2009	Cobalt	0.4	µg/L		T
MW-12I	4/22/2009	Copper	14	µg/L		T
MW-12I	4/22/2009	Diisopropyl ether	0.06	µg/L	U	T
MW-12I	4/22/2009	Dissolved Oxygen	2.2	mg/L		T
MW-12I	4/22/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.04	µg/L	U	T
MW-12I	4/22/2009	Ethyl ether	0.1	µg/L	U	T
MW-12I	4/22/2009	Ferrous Iron	0.12	mg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12I	4/22/2009	Iron	300	µg/L		T
MW-12I	4/22/2009	Lead	0.13	µg/L		T
MW-12I	4/22/2009	Lithium	4	µg/L		T
MW-12I	4/22/2009	Magnesium	0.795	µg/L		T
MW-12I	4/22/2009	Manganese	74.5	µg/L		T
MW-12I	4/22/2009	Mercury	0.01	µg/L	U	T
MW-12I	4/22/2009	Methylene chloride	0.04	µg/L	U	T
MW-12I	4/22/2009	Molybdenum	0.7	µg/L		T
MW-12I	4/22/2009	MTBE	0.1	µg/L	U	T
MW-12I	4/22/2009	Nickel	2.9	µg/L		T
MW-12I	4/22/2009	Nitrate (as N)	0.7	mg/L		T
MW-12I	4/22/2009	pH	6.1	pH units		T
MW-12I	4/22/2009	Potassium	2.08	µg/L		T
MW-12I	4/22/2009	Selenium	0.22	µg/L		T
MW-12I	4/22/2009	Silver	0.06	µg/L	U	T
MW-12I	4/22/2009	Sodium	11	µg/L		T
MW-12I	4/22/2009	Specific Conductance	91	uS/cm		T
MW-12I	4/22/2009	Strontium	127	µg/L		T
MW-12I	4/22/2009	Sulfide	0	mg/L	U	T
MW-12I	4/22/2009	Sulphate	3	mg/L		T
MW-12I	4/22/2009	Temp	21.2	degree C		T
MW-12I	4/22/2009	Tetrachloroethene	0.01	µg/L		T
MW-12I	4/22/2009	Toluene	0.02	µg/L	U	T
MW-12I	4/22/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-12I	4/22/2009	Trichloroethene	0.02	µg/L		T
MW-12I	4/22/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-12I	4/22/2009	Turbidity	0.8	NTU		T
MW-12I	4/22/2009	Vinyl chloride	0.1	µg/L	U	T
MW-12I	4/22/2009	Zinc	4	µg/L	U	T
MW-12I	5/10/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-12I	5/10/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-12I	5/10/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-12I	5/10/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-12I	5/10/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-12I	5/10/2010	1,2-Dichloropropane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-12I	5/10/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12I	5/10/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-12I	5/10/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-12I	5/10/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-12I	5/10/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-12I	5/10/2010	Acetone	4	µg/L	U	T
MW-12I	5/10/2010	Aluminium	740	µg/L		T
MW-12I	5/10/2010	Antimony	2	µg/L	U	T
MW-12I	5/10/2010	Arsenic	0.41	µg/L		T
MW-12I	5/10/2010	Barium	17	µg/L		T
MW-12I	5/10/2010	Benzene	0.5	µg/L	U	T
MW-12I	5/10/2010	Beryllium	1	µg/L	U	T
MW-12I	5/10/2010	Bromobenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	Bromochloromethane	0.5	µg/L	U	T
MW-12I	5/10/2010	Bromoform	1	µg/L	U	T
MW-12I	5/10/2010	Bromomethane	2	µg/L	U	T
MW-12I	5/10/2010	Cadmium	0.57	µg/L		T
MW-12I	5/10/2010	Calcium	4900	µg/L		T
MW-12I	5/10/2010	Carbon disulfide	0.5	µg/L	U	T
MW-12I	5/10/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-12I	5/10/2010	Chlorobenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-12I	5/10/2010	Chloroethane	0.5	µg/L	U	T
MW-12I	5/10/2010	Chloroform	0.5	µg/L	U	T
MW-12I	5/10/2010	Chloromethane	0.5	µg/L	U	T
MW-12I	5/10/2010	Chromium (III+VI)	28	µg/L		T
MW-12I	5/10/2010	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-12I	5/10/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-12I	5/10/2010	Cobalt	2.7	µg/L		T
MW-12I	5/10/2010	Copper	38	µg/L		T
MW-12I	5/10/2010	Cyclohexane	0.5	µg/L	U	T
MW-12I	5/10/2010	Dibromomethane	0.5	µg/L	U	T
MW-12I	5/10/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-12I	5/10/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-12I	5/10/2010	Ethylbenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-12I	5/10/2010	Iron	4200	µg/L		T
MW-12I	5/10/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	Lead	1.1	µg/L		T
MW-12I	5/10/2010	Magnesium	810	µg/L		T
MW-12I	5/10/2010	Manganese	66	µg/L		T
MW-12I	5/10/2010	Methyl acetate	1	µg/L	U	T
MW-12I	5/10/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-12I	5/10/2010	Methylbenzanthracene	1	µg/L	U	T
MW-12I	5/10/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-12I	5/10/2010	Methylene chloride	0.5	µg/L	U	T
MW-12I	5/10/2010	M-P-XYLENE	1	µg/L	U	T
MW-12I	5/10/2010	MTBE	0.5	µg/L	U	T
MW-12I	5/10/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	Nickel	96	µg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12I	5/10/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-12I	5/10/2010	Potassium	1900	µg/L		T
MW-12I	5/10/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	Selenium	5	µg/L	U	T
MW-12I	5/10/2010	Silver	1.2	µg/L		T
MW-12I	5/10/2010	Sodium	29000	µg/L		T
MW-12I	5/10/2010	Styrene	0.5	µg/L	U	T
MW-12I	5/10/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-12I	5/10/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-12I	5/10/2010	Tetrachloroethene	0.5	µg/L	U	T
MW-12I	5/10/2010	Thallium	1	µg/L	U	T
MW-12I	5/10/2010	Toluene	0.5	µg/L	U	T
MW-12I	5/10/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-12I	5/10/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-12I	5/10/2010	Trichloroethene	0.5	µg/L	U	T
MW-12I	5/10/2010	Trichlorofluoromethane	0.5	µg/L	U	T
MW-12I	5/10/2010	Vanadium	1.3	µg/L		T
MW-12I	5/10/2010	Vinyl chloride	0.5	µg/L	U	T
MW-12I	5/10/2010	Xylene (o)	0.5	µg/L	U	T
MW-12I	5/10/2010	Xylene Total	0.5	µg/L	U	T
MW-12I	5/10/2010	Zinc	33	µg/L		T
MW-12I	5/12/2010	Dichlorodifluoromethane	0.00193	µg/L		
MW-12I	5/12/2010	Dichlorodifluoromethane	0.00218	µg/L		
MW-12I	5/12/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0	µg/L		
MW-12I	5/12/2010	Trichlorofluoromethane	0.00783	µg/L		
MW-12I	5/12/2010	Trichlorofluoromethane	0.00989	µg/L		
MW-12I	10/24/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-12I	10/24/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-12I	10/24/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-12I	10/24/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-12I	10/24/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-12I	10/24/2011	1,2-Dichloropropane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-12I	10/24/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-12I	10/24/2011	2-Chlorotoluene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12I	10/24/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-12I	10/24/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-12I	10/24/2011	Acetone	4	µg/L	U	T
MW-12I	10/24/2011	Aluminium	670	µg/L		T
MW-12I	10/24/2011	Antimony	1	µg/L	U	T
MW-12I	10/24/2011	Arsenic	1.3	µg/L	U	T
MW-12I	10/24/2011	Barium	17	µg/L		T
MW-12I	10/24/2011	Benzene	0.5	µg/L	U	T
MW-12I	10/24/2011	Beryllium	3	µg/L	U	T
MW-12I	10/24/2011	Bromobenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	Bromochloromethane	0.5	µg/L	U	T
MW-12I	10/24/2011	Bromoform	1	µg/L	U	T
MW-12I	10/24/2011	Bromomethane	2	µg/L	U	T
MW-12I	10/24/2011	Cadmium	0.5	µg/L	U	T
MW-12I	10/24/2011	Calcium	4700	µg/L		T
MW-12I	10/24/2011	Carbon disulfide	0.5	µg/L	U	T
MW-12I	10/24/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-12I	10/24/2011	Chlorobenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-12I	10/24/2011	Chloroethane	2	µg/L	U	T
MW-12I	10/24/2011	Chloroform	0.5	µg/L	U	T
MW-12I	10/24/2011	Chloromethane	0.5	µg/L	U	T
MW-12I	10/24/2011	Chromium (III+VI)	6.5	µg/L		T
MW-12I	10/24/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
MW-12I	10/24/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-12I	10/24/2011	Cobalt	5	µg/L	U	T
MW-12I	10/24/2011	Copper	10	µg/L	U	T
MW-12I	10/24/2011	Cyclohexane	0.5	µg/L	U	T
MW-12I	10/24/2011	Dibromomethane	0.5	µg/L	U	T
MW-12I	10/24/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-12I	10/24/2011	Dissolved Oxygen	2.31	mg/l		T
MW-12I	10/24/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-12I	10/24/2011	Ethylbenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-12I	10/24/2011	Iron	830	µg/L		T
MW-12I	10/24/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	Lead	1	µg/L	U	T
MW-12I	10/24/2011	M AND P XYLENES	1	µg/L	U	T
MW-12I	10/24/2011	Magnesium	740	µg/L		T
MW-12I	10/24/2011	Manganese	47	µg/L		T
MW-12I	10/24/2011	Mercury	0.1	µg/L	U	T
MW-12I	10/24/2011	Methyl acetate	1	µg/L	U	T
MW-12I	10/24/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-12I	10/24/2011	Methylbenzanthracene	1	µg/L	U	T
MW-12I	10/24/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-12I	10/24/2011	Methylene chloride	0.5	µg/L	U	T
MW-12I	10/24/2011	Molybdenum	5	µg/L	U	T
MW-12I	10/24/2011	MTBE	0.5	µg/L	U	T
MW-12I	10/24/2011	n-Butylbenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12I	10/24/2011	Nickel	10	µg/L	U	T
MW-12I	10/24/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	Oxidation-Reduction Potential	78.8	mV		T
MW-12I	10/24/2011	pH	6.11	pH Units		T
MW-12I	10/24/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-12I	10/24/2011	Potassium	1900	µg/L		T
MW-12I	10/24/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	Selenium	2	µg/L	U	T
MW-12I	10/24/2011	Silver	5	µg/L	U	T
MW-12I	10/24/2011	Sodium	12000	µg/L		T
MW-12I	10/24/2011	Specific Conductance	81.2	umhos/cm		T
MW-12I	10/24/2011	Strontium	93	µg/L		T
MW-12I	10/24/2011	Styrene	0.5	µg/L	U	T
MW-12I	10/24/2011	Temp	21	°C		T
MW-12I	10/24/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-12I	10/24/2011	Tetrachloroethene	0.5	µg/L	U	T
MW-12I	10/24/2011	Thallium	1	µg/L	U	T
MW-12I	10/24/2011	Tin	15	µg/L	U	T
MW-12I	10/24/2011	Titanium	11	µg/L		T
MW-12I	10/24/2011	Toluene	0.5	µg/L	U	T
MW-12I	10/24/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-12I	10/24/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-12I	10/24/2011	Trichloroethene	0.5	µg/L	U	T
MW-12I	10/24/2011	Trichlorofluoromethane	0.5	µg/L	U	T
MW-12I	10/24/2011	Turbidity	35.1	NTU		T
MW-12I	10/24/2011	Vanadium	5	µg/L	U	T
MW-12I	10/24/2011	Vinyl chloride	0.5	µg/L	U	T
MW-12I	10/24/2011	Xylene (o)	0.5	µg/L	U	T
MW-12I	10/24/2011	Xylene Total	0.5	µg/L	U	T
MW-12I	10/24/2011	Yttrium	3	µg/L	U	T
MW-12I	10/24/2011	Zinc	22	µg/L		T
MW-12I	7/13/2016	cis-1,2-Dichloroethene	0.26	µg/L	U	
MW-12I	7/13/2016	Tetrachloroethene	0.372	µg/L	U	
MW-12I	7/13/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-12I	7/13/2016	Trichloroethene	0.398	µg/L	U	
MW-12I	7/13/2016	Vinyl Chloride	0.259	µg/L	U	
MW-12S	1/1/2002	Alkalinity (Bicarbonate as CaCO3)	27	mg/L		T
MW-12S	1/1/2002	Ammonia	0.05	mg/L	U	T
MW-12S	1/1/2002	Chloride	26	mg/L		T
MW-12S	1/1/2002	Ethane	2.6	µg/L	U	T
MW-12S	1/1/2002	Ethene	2.6	µg/L	U	T
MW-12S	1/1/2002	Methane	1.4	µg/L	U	T
MW-12S	1/1/2002	Nitrate (as N)	7.2	mg/L		T
MW-12S	1/1/2002	Sulphate	31	mg/L		T
MW-12S	1/1/2002	TOC	1.1	mg/L		T
MW-12S	2/1/2002	1,2-dichloropropane	2	µg/L	U	T
MW-12S	2/1/2002	Acetone	50	µg/L	U	T
MW-12S	2/1/2002	Aluminium	971	µg/L		F
MW-12S	2/1/2002	Aluminium	6600	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	2/1/2002	Antimony	3.1	µg/L	U	F
MW-12S	2/1/2002	Antimony	3.1	µg/L	U	T
MW-12S	2/1/2002	Arsenic	2.6	µg/L	U	F
MW-12S	2/1/2002	Arsenic	4.7	µg/L		T
MW-12S	2/1/2002	Barium	120	µg/L		F
MW-12S	2/1/2002	Barium	180	µg/L		T
MW-12S	2/1/2002	Benzene	2	µg/L	U	T
MW-12S	2/1/2002	Benzo(b)fluoranthene	10	µg/L	U	T
MW-12S	2/1/2002	Beryllium	0.41	µg/L	U	F
MW-12S	2/1/2002	Beryllium	0.96	µg/L	U	T
MW-12S	2/1/2002	Bis(2-ethylhexyl) phthalate	18	µg/L		T
MW-12S	2/1/2002	Calcium	17000	µg/L		F
MW-12S	2/1/2002	Calcium	21000	µg/L		T
MW-12S	2/1/2002	Chloride	26	mg/L		T
MW-12S	2/1/2002	Chlorodibromomethane	2	µg/L	U	T
MW-12S	2/1/2002	Chloroform	2	µg/L	U	T
MW-12S	2/1/2002	Chromium (hexavalent)	10	µg/L	U	T
MW-12S	2/1/2002	Chromium (III+VI)	1	µg/L	U	F
MW-12S	2/1/2002	Chromium (III+VI)	1100	µg/L		T
MW-12S	2/1/2002	Chrysene	10	µg/L	U	T
MW-12S	2/1/2002	cis-1,2-Dichloroethene	1	µg/L		T
MW-12S	2/1/2002	Cobalt	1.3	µg/L	U	F
MW-12S	2/1/2002	Cobalt	23	µg/L		T
MW-12S	2/1/2002	Copper	4.1	µg/L		F
MW-12S	2/1/2002	Copper	98	µg/L		T
MW-12S	2/1/2002	Ferrous Iron	0	mg/L	U	T
MW-12S	2/1/2002	Fluoranthene	10	µg/L	U	T
MW-12S	2/1/2002	Iron	12	µg/L	U	F
MW-12S	2/1/2002	Iron	16000	µg/L		T
MW-12S	2/1/2002	Lead	1.9	µg/L	U	F
MW-12S	2/1/2002	Lead	9.9	µg/L		T
MW-12S	2/1/2002	Magnesium	4500	µg/L		F
MW-12S	2/1/2002	Magnesium	5300	µg/L		T
MW-12S	2/1/2002	Manganese	94	µg/L		F
MW-12S	2/1/2002	Manganese	470	µg/L		T
MW-12S	2/1/2002	Mercury	0.1	µg/L	U	F
MW-12S	2/1/2002	Mercury	0.1	µg/L	U	T
MW-12S	2/1/2002	Methyl Ethyl Ketone	50	µg/L	U	T
MW-12S	2/1/2002	MTBE	4.7	µg/L		T
MW-12S	2/1/2002	Nickel	11	µg/L		F
MW-12S	2/1/2002	Nickel	740	µg/L		T
MW-12S	2/1/2002	Nitrate (as N)	7.2	mg/L		T
MW-12S	2/1/2002	ORP	218	mV		T
MW-12S	2/1/2002	Phenanthrene	10	µg/L	U	T
MW-12S	2/1/2002	Phenol	1.7	µg/L		T
MW-12S	2/1/2002	Potassium	5000	µg/L		F
MW-12S	2/1/2002	Potassium	5700	µg/L		T
MW-12S	2/1/2002	Pyrene	10	µg/L	U	T
MW-12S	2/1/2002	Selenium	3.8	µg/L		F

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	2/1/2002	Selenium	3.9	µg/L		T
MW-12S	2/1/2002	Sodium	20000	µg/L		F
MW-12S	2/1/2002	Sodium	20000	µg/L		T
MW-12S	2/1/2002	Sulfallate	31	mg/L		T
MW-12S	2/1/2002	Tetrachloroethene	240	µg/L		T
MW-12S	2/1/2002	Thallium	4.3	µg/L	U	F
MW-12S	2/1/2002	Thallium	4.3	µg/L	U	T
MW-12S	2/1/2002	Trichloroethene	2	µg/L	U	T
MW-12S	2/1/2002	Vanadium	1.5	µg/L	U	F
MW-12S	2/1/2002	Vanadium	22	µg/L		T
MW-12S	2/1/2002	Zinc	23	µg/L		F
MW-12S	2/1/2002	Zinc	65	µg/L		T
MW-12S	2/13/2002	Electrical conductivity *(lab)	236	umhos/cm		T
MW-12S	2/13/2002	Ferrous Iron	0	mg/l	U	T
MW-12S	2/13/2002	ORP	218	millivolts		T
MW-12S	2/13/2002	pH	5.37	SU		T
MW-12S	2/13/2002	Temp	21.1	degree C		T
MW-12S	2/13/2002	Turbidity	-2	NTU		T
MW-12S	7/1/2007	Chloride	22	mg/L		T
MW-12S	7/1/2007	Dissolved Oxygen	3	mg/L		T
MW-12S	7/1/2007	Ferrous Iron	0.01	mg/L		T
MW-12S	7/1/2007	Nitrate (as N)	6.1	mg/L		T
MW-12S	7/1/2007	ORP	322	mV		T
MW-12S	7/1/2007	Sulfallate	32	mg/L		T
MW-12S	7/1/2007	Sulfide	0.002	mg/L		T
MW-12S	7/30/2007	1,1,1-Trichloroethane	5	µg/L	U	T
MW-12S	7/30/2007	1,1,2,2-Tetrachloroethane	5	µg/L	U	T
MW-12S	7/30/2007	1,1,2-Trichloroethane	5	µg/L	U	T
MW-12S	7/30/2007	1,1-Dichloroethane	5	µg/L	U	T
MW-12S	7/30/2007	1,1-Dichloroethene	5	µg/L	U	T
MW-12S	7/30/2007	1,2-Dichlorobenzene	5	µg/L	U	T
MW-12S	7/30/2007	1,2-Dichloroethene	5	µg/L	U	T
MW-12S	7/30/2007	1,2-Dichloropropane	5	µg/L	U	T
MW-12S	7/30/2007	1,3-Dichlorobenzene	5	µg/L	U	T
MW-12S	7/30/2007	1,4-Dichlorobenzene	5	µg/L	U	T
MW-12S	7/30/2007	2-Chloroethylvinyl ether	10	µg/L	U	T
MW-12S	7/30/2007	Chloride	22	mg/l		T
MW-12S	7/30/2007	Chlorobenzene	5	µg/L	U	T
MW-12S	7/30/2007	Chlorodibromomethane	5	µg/L	U	T
MW-12S	7/30/2007	Chloroethane	5	µg/L	U	T
MW-12S	7/30/2007	Chloroform	5	µg/L	U	T
MW-12S	7/30/2007	Chloromethane	5	µg/L	U	T
MW-12S	7/30/2007	cis-1,2-Dichloroethene	5	µg/L	U	T
MW-12S	7/30/2007	cis-1,3-Dichloropropene	5	µg/L	U	T
MW-12S	7/30/2007	Dissolved Oxygen	3	mg/l		T
MW-12S	7/30/2007	Ethylbenzene	5	µg/L	U	T
MW-12S	7/30/2007	Ferrous Iron	0.01	mg/l		T
MW-12S	7/30/2007	Methylene chloride	5	µg/L	U	T
MW-12S	7/30/2007	Nitrate (as N)	6.1	mg/l		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	7/30/2007	ORP	322	mV		T
MW-12S	7/30/2007	pH	5.25	pH units		T
MW-12S	7/30/2007	Specific Conductance	0.218	S/m		T
MW-12S	7/30/2007	Sulfide	0.002	mg/l		T
MW-12S	7/30/2007	Sulphate	32	mg/l		T
MW-12S	7/30/2007	Temp	22.3	deg C		T
MW-12S	7/30/2007	Tetrachloroethene	300	µg/L		T
MW-12S	7/30/2007	Toluene	5	µg/L	U	T
MW-12S	7/30/2007	trans-1,2-Dichloroethene	5	µg/L	U	T
MW-12S	7/30/2007	trans-1,3-Dichloropropene	5	µg/L	U	T
MW-12S	7/30/2007	Trichloroethene	5	µg/L	U	T
MW-12S	7/30/2007	Trichlorofluoromethane	5	µg/L	U	T
MW-12S	7/30/2007	Turbidity	18	NTU		T
MW-12S	7/30/2007	Vinyl chloride	5	µg/L	U	T
MW-12S	8/1/2007	Ferrous Iron	0.01	mg/l		T
MW-12S	8/1/2007	ORP	322	mV		T
MW-12S	8/1/2007	Oxygen	3	mg/l		T
MW-12S	8/1/2007	Sulfide	0.002	mg/l		T
MW-12S	4/23/2009	1,1,1,2-Tetrachloroethane	0.04	µg/L	U	T
MW-12S	4/23/2009	1,1-Dichloroethane	0.04	µg/L	U	T
MW-12S	4/23/2009	1,1-Dichloroethene	0.02	µg/L	U	T
MW-12S	4/23/2009	1,2-Dichlorobenzene	0.02	µg/L	U	T
MW-12S	4/23/2009	1,2-Dichloroethene	0.1	µg/L	U	T
MW-12S	4/23/2009	Aluminium	4	µg/L		T
MW-12S	4/23/2009	Arsenic	0.2	µg/L	U	T
MW-12S	4/23/2009	Barium	106	µg/L		T
MW-12S	4/23/2009	Benzene	0.02	µg/L	U	T
MW-12S	4/23/2009	Beryllium	0.2	µg/L	U	T
MW-12S	4/23/2009	Cadmium	0.13	µg/L		T
MW-12S	4/23/2009	Calcium	16.8	µg/L		T
MW-12S	4/23/2009	Carbon tetrachloride	0.06	µg/L	U	T
MW-12S	4/23/2009	Chloroform	0.71	µg/L		T
MW-12S	4/23/2009	Chromium (III+VI)	3	µg/L		T
MW-12S	4/23/2009	cis-1,2-Dichloroethene	0.18	µg/L		T
MW-12S	4/23/2009	Cobalt	0.06	µg/L		T
MW-12S	4/23/2009	Copper	50	µg/L		T
MW-12S	4/23/2009	Diisopropyl ether	0.22	µg/L		T
MW-12S	4/23/2009	Dissolved Oxygen	5.5	mg/L		T
MW-12S	4/23/2009	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.08	µg/L		T
MW-12S	4/23/2009	Ethyl ether	0.1	µg/L	U	T
MW-12S	4/23/2009	Ferrous Iron	0.02	mg/L		T
MW-12S	4/23/2009	Iron	14	µg/L	U	T
MW-12S	4/23/2009	Lead	0.16	µg/L		T
MW-12S	4/23/2009	Lithium	2	µg/L		T
MW-12S	4/23/2009	Magnesium	4.34	µg/L		T
MW-12S	4/23/2009	Manganese	1.8	µg/L		T
MW-12S	4/23/2009	Mercury	0.01	µg/L	U	T
MW-12S	4/23/2009	Methylene chloride	0.04	µg/L	U	T
MW-12S	4/23/2009	Molybdenum	0.1	µg/L	U	T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	4/23/2009	MTBE	0.7	µg/L		T
MW-12S	4/23/2009	Nickel	4.6	µg/L		T
MW-12S	4/23/2009	Nitrate (as N)	7.1	mg/L		T
MW-12S	4/23/2009	pH	5.5	pH units		T
MW-12S	4/23/2009	Potassium	4.34	µg/L		T
MW-12S	4/23/2009	Selenium	2.1	µg/L		T
MW-12S	4/23/2009	Silver	0.06	µg/L	U	T
MW-12S	4/23/2009	Sodium	18.5	µg/L		T
MW-12S	4/23/2009	Specific Conductance	254	uS/cm		T
MW-12S	4/23/2009	Strontium	118	µg/L		T
MW-12S	4/23/2009	Sulfide	0	mg/L	U	T
MW-12S	4/23/2009	Sulphate	5	mg/L		T
MW-12S	4/23/2009	Temp	22	degree C		T
MW-12S	4/23/2009	Tetrachloroethene	63.8	µg/L		T
MW-12S	4/23/2009	Toluene	0.01	µg/L		T
MW-12S	4/23/2009	trans-1,2-Dichloroethene	0.02	µg/L	U	T
MW-12S	4/23/2009	Trichloroethene	0.24	µg/L		T
MW-12S	4/23/2009	Trichlorofluoromethane	0.08	µg/L	U	T
MW-12S	4/23/2009	Turbidity	0.1	NTU		T
MW-12S	4/23/2009	Vinyl chloride	0.1	µg/L	U	T
MW-12S	4/23/2009	Zinc	12	µg/L		T
MW-12S	5/10/2010	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-12S	5/10/2010	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-12S	5/10/2010	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-12S	5/10/2010	1,1,2-Trichloroethane	0.13	µg/L		T
MW-12S	5/10/2010	1,1-Dichloroethane	0.5	µg/L	U	T
MW-12S	5/10/2010	1,1-Dichloroethene	0.5	µg/L	U	T
MW-12S	5/10/2010	1,1-Dichloropropene	0.5	µg/L	U	T
MW-12S	5/10/2010	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-12S	5/10/2010	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-12S	5/10/2010	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-12S	5/10/2010	1,2-Dibromoethane	0.5	µg/L	U	T
MW-12S	5/10/2010	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	1,2-Dichloroethene	0.5	µg/L	U	T
MW-12S	5/10/2010	1,2-dichloropropane	0.5	µg/L	U	T
MW-12S	5/10/2010	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	1,3-Dichloropropane	0.5	µg/L	U	T
MW-12S	5/10/2010	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	2,2-Dichloropropane	0.5	µg/L	U	T
MW-12S	5/10/2010	2-Chlorotoluene	0.5	µg/L	U	T
MW-12S	5/10/2010	4-Chlorotoluene	0.5	µg/L	U	T
MW-12S	5/10/2010	4-Methyl-2-pentanone	1	µg/L	U	T
MW-12S	5/10/2010	Acetone	4	µg/L	U	T
MW-12S	5/10/2010	Aluminium	5900	µg/L		T
MW-12S	5/10/2010	Antimony	2	µg/L	U	T
MW-12S	5/10/2010	Arsenic	1.1	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	5/10/2010	Barium	100	µg/L		T
MW-12S	5/10/2010	Benzene	0.5	µg/L	U	T
MW-12S	5/10/2010	Beryllium	0.69	µg/L		T
MW-12S	5/10/2010	Bromobenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	Bromochloromethane	0.5	µg/L	U	T
MW-12S	5/10/2010	Bromoform	1	µg/L	U	T
MW-12S	5/10/2010	Bromomethane	2	µg/L	U	T
MW-12S	5/10/2010	Cadmium	0.23	µg/L		T
MW-12S	5/10/2010	Calcium	14000	µg/L		T
MW-12S	5/10/2010	Carbon disulfide	0.5	µg/L	U	T
MW-12S	5/10/2010	Carbon tetrachloride	0.5	µg/L	U	T
MW-12S	5/10/2010	Chlorobenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	Chlorodibromomethane	0.5	µg/L	U	T
MW-12S	5/10/2010	Chloroethane	0.5	µg/L	U	T
MW-12S	5/10/2010	Chloroform	0.65	µg/L		T
MW-12S	5/10/2010	Chloromethane	0.5	µg/L	U	T
MW-12S	5/10/2010	Chromium (III+VI)	330	µg/L		T
MW-12S	5/10/2010	cis-1,2-Dichloroethene	1.2	µg/L		T
MW-12S	5/10/2010	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-12S	5/10/2010	Cobalt	9.2	µg/L		T
MW-12S	5/10/2010	Copper	16	µg/L		T
MW-12S	5/10/2010	Cyclohexane	0.5	µg/L	U	T
MW-12S	5/10/2010	Dibromomethane	0.5	µg/L	U	T
MW-12S	5/10/2010	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-12S	5/10/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-12S	5/10/2010	Ethylbenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	Hexachlorobutadiene	0.5	µg/L	U	T
MW-12S	5/10/2010	Iron	14000	µg/L		T
MW-12S	5/10/2010	Isopropylbenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	Lead	7.7	µg/L		T
MW-12S	5/10/2010	Magnesium	4100	µg/L		T
MW-12S	5/10/2010	Manganese	200	µg/L		T
MW-12S	5/10/2010	Methyl acetate	1	µg/L	U	T
MW-12S	5/10/2010	Methyl Ethyl Ketone	1	µg/L	U	T
MW-12S	5/10/2010	Methylbenzanthracene	1	µg/L	U	T
MW-12S	5/10/2010	Methylcyclohexane	0.5	µg/L	U	T
MW-12S	5/10/2010	Methylene chloride	0.5	µg/L	U	T
MW-12S	5/10/2010	M-P-XYLENE	1	µg/L	U	T
MW-12S	5/10/2010	MTBE	0.5	µg/L	U	T
MW-12S	5/10/2010	n-Butylbenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	Nickel	14	µg/L		T
MW-12S	5/10/2010	n-Propylbenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	p-Isopropyltoluene	0.5	µg/L	U	T
MW-12S	5/10/2010	Potassium	4100	µg/L		T
MW-12S	5/10/2010	sec-Butylbenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	Selenium	2.1	µg/L		T
MW-12S	5/10/2010	Silver	0.26	µg/L		T
MW-12S	5/10/2010	Sodium	21000	µg/L		T
MW-12S	5/10/2010	Styrene	0.5	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	5/10/2010	Tentatively Identified Compounds	10	µg/L	U	T
MW-12S	5/10/2010	tert-Butylbenzene	0.5	µg/L	U	T
MW-12S	5/10/2010	Tetrachloroethene	270	µg/L		T
MW-12S	5/10/2010	Thallium	1	µg/L	U	T
MW-12S	5/10/2010	Toluene	0.5	µg/L	U	T
MW-12S	5/10/2010	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-12S	5/10/2010	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-12S	5/10/2010	Trichloroethene	1.2	µg/L		T
MW-12S	5/10/2010	Trichlorofluoromethane	0.18	µg/L		T
MW-12S	5/10/2010	Vanadium	2.5	µg/L		T
MW-12S	5/10/2010	Vinyl chloride	0.5	µg/L	U	T
MW-12S	5/10/2010	Xylene (o)	0.5	µg/L	U	T
MW-12S	5/10/2010	Xylene Total	0.5	µg/L	U	T
MW-12S	5/10/2010	Zinc	53	µg/L		T
MW-12S	5/12/2010	Dichlorodifluoromethane	21.9	µg/L		
MW-12S	5/12/2010	Dichlorodifluoromethane	22.4	µg/L		
MW-12S	5/12/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	1640	µg/L		
MW-12S	5/12/2010	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	1660	µg/L		
MW-12S	5/12/2010	Trichlorofluoromethane	14	µg/L		
MW-12S	10/24/2011	1,1,1,2-Tetrachloroethane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,1-Dichloroethane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,1-Dichloroethene	0.5	µg/L	U	T
MW-12S	10/24/2011	1,1-Dichloropropene	0.5	µg/L	U	T
MW-12S	10/24/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	1,2,4-Trimethylbenzene (2 isomers)	0.5	µg/L	U	T
MW-12S	10/24/2011	1,2-Dibromo-3-chloropropane	1	µg/L	U	T
MW-12S	10/24/2011	1,2-Dibromoethane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	1,2-Dichloroethene	0.5	µg/L	U	T
MW-12S	10/24/2011	1,2-Dichloropropane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,3,5-Trimethylbenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	1,3-Dichloropropane	0.5	µg/L	U	T
MW-12S	10/24/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	2,2-Dichloropropane	0.5	µg/L	U	T
MW-12S	10/24/2011	2-Chlorotoluene	0.5	µg/L	U	T
MW-12S	10/24/2011	4-Chlorotoluene	0.5	µg/L	U	T
MW-12S	10/24/2011	4-Methyl-2-pentanone	1	µg/L	U	T
MW-12S	10/24/2011	Acetone	4	µg/L	U	T
MW-12S	10/24/2011	Aluminium	5100	µg/L		T
MW-12S	10/24/2011	Antimony	1	µg/L	U	T
MW-12S	10/24/2011	Arsenic	1.8	µg/L		T
MW-12S	10/24/2011	Barium	100	µg/L		T
MW-12S	10/24/2011	Benzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	10/24/2011	Beryllium	3	µg/L	U	T
MW-12S	10/24/2011	Bromobenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	Bromochloromethane	0.5	µg/L	U	T
MW-12S	10/24/2011	Bromoform	1	µg/L	U	T
MW-12S	10/24/2011	Bromomethane	2	µg/L	U	T
MW-12S	10/24/2011	Cadmium	0.5	µg/L	U	T
MW-12S	10/24/2011	Calcium	12000	µg/L		T
MW-12S	10/24/2011	Carbon disulfide	0.5	µg/L	U	T
MW-12S	10/24/2011	Carbon tetrachloride	0.5	µg/L	U	T
MW-12S	10/24/2011	Chlorobenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	Chlorodibromomethane	0.5	µg/L	U	T
MW-12S	10/24/2011	Chloroethane	2	µg/L	U	T
MW-12S	10/24/2011	Chloroform	0.68	µg/L		T
MW-12S	10/24/2011	Chloromethane	0.5	µg/L	U	T
MW-12S	10/24/2011	Chromium (III+VI)	34	µg/L		T
MW-12S	10/24/2011	cis-1,2-Dichloroethene	0.48	µg/L		T
MW-12S	10/24/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
MW-12S	10/24/2011	Cobalt	5	µg/L	U	T
MW-12S	10/24/2011	Copper	10	µg/L	U	T
MW-12S	10/24/2011	Cyclohexane	0.5	µg/L	U	T
MW-12S	10/24/2011	Dibromomethane	0.5	µg/L	U	T
MW-12S	10/24/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
MW-12S	10/24/2011	Dissolved Oxygen	4.13	mg/l		T
MW-12S	10/24/2011	Ethane, 1,1,2-trichloro-1,2,2-trifluoro-	0.5	µg/L	U	T
MW-12S	10/24/2011	Ethylbenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	Hexachlorobutadiene	0.5	µg/L	U	T
MW-12S	10/24/2011	Iron	8900	µg/L		T
MW-12S	10/24/2011	Isopropylbenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	Lead	7.4	µg/L		T
MW-12S	10/24/2011	M AND P XYLENES	1	µg/L	U	T
MW-12S	10/24/2011	Magnesium	3800	µg/L		T
MW-12S	10/24/2011	Manganese	190	µg/L		T
MW-12S	10/24/2011	Mercury	0.48	µg/L		T
MW-12S	10/24/2011	Methyl acetate	1	µg/L	U	T
MW-12S	10/24/2011	Methyl Ethyl Ketone	1	µg/L	U	T
MW-12S	10/24/2011	Methylbenzanthracene	1	µg/L	U	T
MW-12S	10/24/2011	Methylcyclohexane	0.5	µg/L	U	T
MW-12S	10/24/2011	Methylene chloride	0.5	µg/L	U	T
MW-12S	10/24/2011	Molybdenum	5	µg/L	U	T
MW-12S	10/24/2011	MTBE	0.2	µg/L		T
MW-12S	10/24/2011	n-Butylbenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	Nickel	10	µg/L	U	T
MW-12S	10/24/2011	n-Propylbenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	Oxidation-Reduction Potential	190.5	mV		T
MW-12S	10/24/2011	pH	5.55	pH Units		T
MW-12S	10/24/2011	p-Isopropyltoluene	0.5	µg/L	U	T
MW-12S	10/24/2011	Potassium	4100	µg/L		T
MW-12S	10/24/2011	sec-Butylbenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	Selenium	2	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	10/24/2011	Silver	5	µg/L	U	T
MW-12S	10/24/2011	Sodium	19000	µg/L		T
MW-12S	10/24/2011	Specific Conductance	204	umhos/cm		T
MW-12S	10/24/2011	Strontium	87	µg/L		T
MW-12S	10/24/2011	Styrene	0.5	µg/L	U	T
MW-12S	10/24/2011	Temp	21.7	°C		T
MW-12S	10/24/2011	tert-Butylbenzene	0.5	µg/L	U	T
MW-12S	10/24/2011	Tetrachloroethene	120	µg/L		T
MW-12S	10/24/2011	Thallium	1	µg/L	U	T
MW-12S	10/24/2011	Tin	15	µg/L	U	T
MW-12S	10/24/2011	Titanium	68	µg/L		T
MW-12S	10/24/2011	Toluene	0.5	µg/L	U	T
MW-12S	10/24/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
MW-12S	10/24/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
MW-12S	10/24/2011	Trichloroethene	0.64	µg/L		T
MW-12S	10/24/2011	Trichlorofluoromethane	0.21	µg/L		T
MW-12S	10/24/2011	Turbidity	4.71	NTU		T
MW-12S	10/24/2011	Vanadium	9.3	µg/L		T
MW-12S	10/24/2011	Vinyl chloride	0.5	µg/L	U	T
MW-12S	10/24/2011	Xylene (o)	0.5	µg/L	U	T
MW-12S	10/24/2011	Xylene Total	0.5	µg/L	U	T
MW-12S	10/24/2011	Yttrium	9.1	µg/L		T
MW-12S	10/24/2011	Zinc	66	µg/L		T
MW-12S	10/25/2011	Aluminium	400	µg/L		T
MW-12S	10/25/2011	Antimony	1	µg/L	U	T
MW-12S	10/25/2011	Arsenic	1.3	µg/L	U	T
MW-12S	10/25/2011	Barium	79	µg/L		T
MW-12S	10/25/2011	Beryllium	3	µg/L	U	T
MW-12S	10/25/2011	Cadmium	0.5	µg/L	U	T
MW-12S	10/25/2011	Calcium	12000	µg/L		T
MW-12S	10/25/2011	Chromium (III+VI)	5.7	µg/L		T
MW-12S	10/25/2011	Cobalt	5	µg/L	U	T
MW-12S	10/25/2011	Copper	10	µg/L	U	T
MW-12S	10/25/2011	Iron	590	µg/L		T
MW-12S	10/25/2011	Lead	1	µg/L	U	T
MW-12S	10/25/2011	Magnesium	3400	µg/L		T
MW-12S	10/25/2011	Manganese	21	µg/L		T
MW-12S	10/25/2011	Mercury	0.1	µg/L	U	T
MW-12S	10/25/2011	Molybdenum	5	µg/L	U	T
MW-12S	10/25/2011	Nickel	10	µg/L	U	T
MW-12S	10/25/2011	Potassium	3800	µg/L		T
MW-12S	10/25/2011	Selenium	2.1	µg/L		T
MW-12S	10/25/2011	Silver	5	µg/L	U	T
MW-12S	10/25/2011	Sodium	18000	µg/L		T
MW-12S	10/25/2011	Strontium	82	µg/L		T
MW-12S	10/25/2011	Thallium	1	µg/L	U	T
MW-12S	10/25/2011	Tin	15	µg/L	U	T
MW-12S	10/25/2011	Titanium	6.2	µg/L		T
MW-12S	10/25/2011	Vanadium	5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
MW-12S	10/25/2011	Yttrium	3	µg/L	U	T
MW-12S	10/25/2011	Zinc	34	µg/L		T
MW-12S	7/13/2016	cis-1,2-Dichloroethene	0.268	µg/L	J	
MW-12S	7/13/2016	Tetrachloroethene	58.9	µg/L		
MW-12S	7/13/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
MW-12S	7/13/2016	Trichloroethene	0.414	µg/L	J	
MW-12S	7/13/2016	Vinyl Chloride	0.259	µg/L	U	
PW-05	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	160	mg/L		T
PW-05	1/1/2000	Ammonia	0.2	mg/L		T
PW-05	1/1/2000	Chloride	11	mg/L		T
PW-05	1/1/2000	Dissolved organic carbon	7.6	mg/L		T
PW-05	1/1/2000	Ethane	2.5	µg/L	U	T
PW-05	1/1/2000	Ethene	2.6	µg/L	U	T
PW-05	1/1/2000	Methane	2.4	µg/L		T
PW-05	1/1/2000	Nitrate (as N)	0.05	mg/L		T
PW-05	1/1/2000	Sulphate	27	mg/L		T
PW-05	1/1/2000	TOC	3.5	mg/L		T
PW-05	5/9/2000	1,1-Dichloroethene	10	µg/L	U	T
PW-05	5/9/2000	1,2-Dichloroethene	10	µg/L	U	T
PW-05	5/9/2000	Acetone	10	µg/L	U	T
PW-05	5/9/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
PW-05	5/9/2000	Aluminium	26	µg/L	U	T
PW-05	5/9/2000	Antimony	4.4	µg/L		T
PW-05	5/9/2000	Arsenic	4	µg/L	U	T
PW-05	5/9/2000	Barium	20	µg/L		T
PW-05	5/9/2000	Benzene	10	µg/L	U	T
PW-05	5/9/2000	Beryllium	0.1	µg/L	U	T
PW-05	5/9/2000	Bis(2-ethylhexyl) phthalate	14	µg/L	U	T
PW-05	5/9/2000	Cadmium	0.3	µg/L	U	T
PW-05	5/9/2000	Calcium	6500	µg/L		T
PW-05	5/9/2000	Caprolactam	10	µg/L	U	T
PW-05	5/9/2000	Chlordane (cis)	0.05	µg/L	U	T
PW-05	5/9/2000	Chloroform	10	µg/L	U	T
PW-05	5/9/2000	Chromium (III+VI)	0.7	µg/L	U	T
PW-05	5/9/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
PW-05	5/9/2000	Cobalt	1.3	µg/L	U	T
PW-05	5/9/2000	Copper	6.9	µg/L	U	T
PW-05	5/9/2000	Cyanide Total	10	µg/L	U	T
PW-05	5/9/2000	Cycloeicosane	4	µg/L		T
PW-05	5/9/2000	Cyclohexane	10	µg/L	U	T
PW-05	5/9/2000	Dieldrin	0.1	µg/L	U	T
PW-05	5/9/2000	Diethylene glycol, monoethyl ether	2	µg/L		T
PW-05	5/9/2000	Dissolved Oxygen	11.6	mg/l		T
PW-05	5/9/2000	Electrical conductivity *(lab)	0.339	umhos/cm		T
PW-05	5/9/2000	Endrin ketone	0.1	µg/L	U	T
PW-05	5/9/2000	Ethylbenzene	10	µg/L	U	T
PW-05	5/9/2000	Ferrous Iron	0.27	mg/L		T
PW-05	5/9/2000	gamma-Chlordane	0.05	µg/L	U	T
PW-05	5/9/2000	g-BHC (Lindane)	0.05	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-05	5/9/2000	Heptachlor epoxide	0.05	µg/L	U	T
PW-05	5/9/2000	Hexadecanoic Acid	3	µg/L		T
PW-05	5/9/2000	Hexanoic Acid	2	µg/L		T
PW-05	5/9/2000	Iron	22	µg/L	U	T
PW-05	5/9/2000	Lead	1.8	µg/L	U	T
PW-05	5/9/2000	Magnesium	580	µg/L		T
PW-05	5/9/2000	Manganese	8.7	µg/L	U	T
PW-05	5/9/2000	Mercury	0.1	µg/L	U	T
PW-05	5/9/2000	Methyl acetate	10	µg/L	U	T
PW-05	5/9/2000	Methylcyclohexane	10	µg/L	U	T
PW-05	5/9/2000	Nickel	0.6	µg/L	U	T
PW-05	5/9/2000	N-Tridecane	0.05	µg/L		T
PW-05	5/9/2000	N-Tridecane	0.1	µg/L		T
PW-05	5/9/2000	N-Tridecane	0.5	µg/L		T
PW-05	5/9/2000	N-Tridecane	1	µg/L		T
PW-05	5/9/2000	N-Tridecane	2	µg/L		T
PW-05	5/9/2000	N-Tridecane	2.4	µg/L		T
PW-05	5/9/2000	N-Tridecane	5	µg/L		T
PW-05	5/9/2000	N-Tridecane	10	µg/L		T
PW-05	5/9/2000	ORP	96	millivolts		T
PW-05	5/9/2000	pH	9.02	SU		T
PW-05	5/9/2000	pH	9.04	pH Units		T
PW-05	5/9/2000	Phenol	10	µg/L	U	T
PW-05	5/9/2000	Potassium	1200	µg/L		T
PW-05	5/9/2000	Selenium	3.7	µg/L	U	T
PW-05	5/9/2000	Silver	2	µg/L	U	T
PW-05	5/9/2000	Sodium	66000	µg/L		T
PW-05	5/9/2000	Specific Conductance	339	umhos/cm		T
PW-05	5/9/2000	Temp	21.3	degree C		T
PW-05	5/9/2000	Tetrachloroethene	10	µg/L	U	T
PW-05	5/9/2000	Thallium	5.9	µg/L	U	T
PW-05	5/9/2000	Toluene	10	µg/L		T
PW-05	5/9/2000	Trichloroethene	10	µg/L	U	T
PW-05	5/9/2000	Turbidity	0.16	NTU		T
PW-05	5/9/2000	Vanadium	1	µg/L	U	T
PW-05	5/9/2000	Xylene Total	10	µg/L	U	T
PW-05	5/9/2000	Zinc	19	µg/L	U	T
PW-05	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
PW-05	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
PW-05	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
PW-05	1/1/2001	Aldrin + Dieldrin	10	µg/L	U	T
PW-05	1/1/2001	Aluminium	22	µg/L	U	T
PW-05	1/1/2001	Arsenic	4.2	µg/L	U	T
PW-05	1/1/2001	Barium	25	µg/L		T
PW-05	1/1/2001	Benzene	10	µg/L	U	T
PW-05	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
PW-05	1/1/2001	Cadmium	0.6	µg/L	U	T
PW-05	1/1/2001	Calcium	6600	µg/L		T
PW-05	1/1/2001	Caprolactam	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-05	1/1/2001	Chloroform	10	µg/L	U	T
PW-05	1/1/2001	Chromium (III+VI)	0.5	µg/L	U	T
PW-05	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
PW-05	1/1/2001	Cobalt	0.7	µg/L	U	T
PW-05	1/1/2001	Copper	0.7	µg/L	U	T
PW-05	1/1/2001	Cyclohexane	10	µg/L	U	T
PW-05	1/1/2001	Dieldrin	10	µg/L	U	T
PW-05	1/1/2001	Diethylphthalate	10	µg/L	U	T
PW-05	1/1/2001	Endrin	0.01	µg/L	U	T
PW-05	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
PW-05	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
PW-05	1/1/2001	Iron	14	µg/L	U	T
PW-05	1/1/2001	Lead	1.7	µg/L	U	T
PW-05	1/1/2001	Magnesium	640	µg/L		T
PW-05	1/1/2001	Manganese	11	µg/L		T
PW-05	1/1/2001	Mercury	0.1	µg/L	U	T
PW-05	1/1/2001	Nickel	1.3	µg/L	U	T
PW-05	1/1/2001	Potassium	1400	µg/L		T
PW-05	1/1/2001	Sodium	84000	µg/L		T
PW-05	1/1/2001	Tetrachloroethene	10	µg/L	U	T
PW-05	1/1/2001	Trichloroethene	10	µg/L	U	T
PW-05	1/1/2001	Unknown siloxane/#	4	µg/L		T
PW-05	1/1/2001	Vanadium	0.7	µg/L	U	T
PW-05	1/1/2001	Xylene Total	10	µg/L	U	T
PW-05	1/1/2001	Zinc	1.8	µg/L		T
PW-05	1/22/2001	Dissolved Oxygen	1.47	mg/l		T
PW-05	1/22/2001	Electrical conductivity *(lab)	388	umhos/cm		T
PW-05	1/22/2001	Ferrous Iron	0.5	mg/l	U	T
PW-05	1/22/2001	ORP	22	millivolts		T
PW-05	1/22/2001	pH	8.86	SU		T
PW-05	1/22/2001	Temp	20.2	degree C		T
PW-05	1/22/2001	Turbidity	3	NTU		T
PW-08	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	183	mg/L		T
PW-08	1/1/2000	Ammonia	0.2	mg/L		T
PW-08	1/1/2000	Chloride	8.5	mg/L		T
PW-08	1/1/2000	Dissolved organic carbon	8	mg/L		T
PW-08	1/1/2000	Ethane	2.5	µg/L	U	T
PW-08	1/1/2000	Ethene	2.6	µg/L	U	T
PW-08	1/1/2000	Methane	4.2	µg/L		T
PW-08	1/1/2000	Nitrate (as N)	0.05	mg/L		T
PW-08	1/1/2000	Sulphate	14	mg/L		T
PW-08	1/1/2000	TOC	4.2	mg/L		T
PW-08	5/9/2000	1,1-Dichloroethene	10	µg/L	U	T
PW-08	5/9/2000	1,2-Dichloroethene	10	µg/L	U	T
PW-08	5/9/2000	Acetone	10	µg/L	U	T
PW-08	5/9/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
PW-08	5/9/2000	Aluminium	22	µg/L	U	T
PW-08	5/9/2000	Antimony	4.4	µg/L	U	T
PW-08	5/9/2000	Arsenic	3.2	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-08	5/9/2000	Barium	7.1	µg/L		T
PW-08	5/9/2000	Benzene	10	µg/L	U	T
PW-08	5/9/2000	Beryllium	0.1	µg/L	U	T
PW-08	5/9/2000	Bis(2-ethylhexyl) phthalate	64	µg/L	U	T
PW-08	5/9/2000	Cadmium	0.3	µg/L	U	T
PW-08	5/9/2000	Calcium	2400	µg/L		T
PW-08	5/9/2000	Caprolactam	10	µg/L	U	T
PW-08	5/9/2000	Chlordane (cis)	0.05	µg/L	U	T
PW-08	5/9/2000	Chloroform	10	µg/L	U	T
PW-08	5/9/2000	Chromium (III+VI)	0.7	µg/L	U	T
PW-08	5/9/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
PW-08	5/9/2000	Cobalt	1.3	µg/L	U	T
PW-08	5/9/2000	Copper	4.6	µg/L	U	T
PW-08	5/9/2000	Cyanide Total	10	µg/L	U	T
PW-08	5/9/2000	Cyclohexane	10	µg/L	U	T
PW-08	5/9/2000	Dieldrin	0.1	µg/L	U	T
PW-08	5/9/2000	Dissolved Oxygen	11.2	mg/l		T
PW-08	5/9/2000	Electrical conductivity *(lab)	0.349	umhos/cm		T
PW-08	5/9/2000	Endrin ketone	0.1	µg/L	U	T
PW-08	5/9/2000	Ethylbenzene	10	µg/L	U	T
PW-08	5/9/2000	gamma-Chlordane	0.05	µg/L	U	T
PW-08	5/9/2000	g-BHC (Lindane)	0.05	µg/L	U	T
PW-08	5/9/2000	Heptachlor epoxide	0.05	µg/L	U	T
PW-08	5/9/2000	Iron	30	µg/L		T
PW-08	5/9/2000	Lead	1.8	µg/L	U	T
PW-08	5/9/2000	Magnesium	240	µg/L		T
PW-08	5/9/2000	Manganese	5	µg/L	U	T
PW-08	5/9/2000	Mercury	0.1	µg/L	U	T
PW-08	5/9/2000	Methyl acetate	10	µg/L	U	T
PW-08	5/9/2000	Methylcyclohexane	10	µg/L	U	T
PW-08	5/9/2000	Nickel	0.6	µg/L	U	T
PW-08	5/9/2000	N-Tridecane	0.05	µg/L		T
PW-08	5/9/2000	N-Tridecane	0.1	µg/L		T
PW-08	5/9/2000	N-Tridecane	0.5	µg/L		T
PW-08	5/9/2000	N-Tridecane	1	µg/L		T
PW-08	5/9/2000	N-Tridecane	2	µg/L		T
PW-08	5/9/2000	N-Tridecane	2.5	µg/L		T
PW-08	5/9/2000	N-Tridecane	2.6	µg/L		T
PW-08	5/9/2000	N-Tridecane	4.2	µg/L		T
PW-08	5/9/2000	N-Tridecane	5	µg/L		T
PW-08	5/9/2000	N-Tridecane	10	µg/L		T
PW-08	5/9/2000	ORP	63	millivolts		T
PW-08	5/9/2000	pH	9.18	pH Units		T
PW-08	5/9/2000	pH	9.18	SU		T
PW-08	5/9/2000	Phenol	10	µg/L	U	T
PW-08	5/9/2000	Potassium	780	µg/L		T
PW-08	5/9/2000	Selenium	3.7	µg/L	U	T
PW-08	5/9/2000	Silver	2.7	µg/L	U	T
PW-08	5/9/2000	Sodium	68000	µg/L		T

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Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-08	5/9/2000	Specific Conductance	349	umhos/cm		T
PW-08	5/9/2000	Temp	23.2	degree C		T
PW-08	5/9/2000	Tetrachloroethene	10	µg/L	U	T
PW-08	5/9/2000	Thallium	5.9	µg/L	U	T
PW-08	5/9/2000	Toluene	10	µg/L		T
PW-08	5/9/2000	Trichloroethene	10	µg/L	U	T
PW-08	5/9/2000	Turbidity	0.14	NTU		T
PW-08	5/9/2000	Unknown Compound	3	µg/L		T
PW-08	5/9/2000	Vanadium	1	µg/L	U	T
PW-08	5/9/2000	Xylene Total	10	µg/L	U	T
PW-08	5/9/2000	Zinc	22	µg/L	U	T
PW-08	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
PW-08	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
PW-08	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
PW-08	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
PW-08	1/1/2001	Aluminium	15	µg/L	U	T
PW-08	1/1/2001	Arsenic	4.2	µg/L	U	T
PW-08	1/1/2001	Barium	9.6	µg/L		T
PW-08	1/1/2001	Benzene	10	µg/L	U	T
PW-08	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
PW-08	1/1/2001	Cadmium	0.6	µg/L	U	T
PW-08	1/1/2001	Calcium	2500	µg/L		T
PW-08	1/1/2001	Caprolactam	10	µg/L	U	T
PW-08	1/1/2001	Chloroform	10	µg/L	U	T
PW-08	1/1/2001	Chromium (III+VI)	0.5	µg/L	U	T
PW-08	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
PW-08	1/1/2001	Cobalt	0.7	µg/L	U	T
PW-08	1/1/2001	Copper	0.7	µg/L	U	T
PW-08	1/1/2001	Cyclohexane	10	µg/L	U	T
PW-08	1/1/2001	Dieldrin	0.1	µg/L	U	T
PW-08	1/1/2001	Diethylphthalate	10	µg/L	U	T
PW-08	1/1/2001	Endrin	0.01	µg/L	U	T
PW-08	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
PW-08	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
PW-08	1/1/2001	Iron	14	µg/L	U	T
PW-08	1/1/2001	Lead	1.7	µg/L	U	T
PW-08	1/1/2001	Magnesium	280	µg/L		T
PW-08	1/1/2001	Manganese	6.5	µg/L	U	T
PW-08	1/1/2001	Mercury	0.13	µg/L	U	T
PW-08	1/1/2001	Nickel	1.3	µg/L	U	T
PW-08	1/1/2001	Potassium	1000	µg/L		T
PW-08	1/1/2001	Sodium	87000	µg/L		T
PW-08	1/1/2001	Tetrachloroethene	10	µg/L	U	T
PW-08	1/1/2001	Trichloroethene	10	µg/L	U	T
PW-08	1/1/2001	Vanadium	0.7	µg/L	U	T
PW-08	1/1/2001	Xylene Total	10	µg/L	U	T
PW-08	1/1/2001	Zinc	1.1	µg/L	U	T
PW-08	1/22/2001	Dissolved Oxygen	0.36	mg/l		T
PW-08	1/22/2001	Electrical conductivity *(lab)	377	umhos/cm		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-08	1/22/2001	Ferrous Iron	0.5	mg/l	U	T
PW-08	1/22/2001	ORP	75	millivolts		T
PW-08	1/22/2001	pH	9.02	SU		T
PW-08	1/22/2001	Temp	20.6	degree C		T
PW-08	1/22/2001	Turbidity	4	NTU		T
PW-09W	4/14/1991	Tetrachloroethene	7.1	µg/L		T
PW-09W	5/14/1992	Tetrachloroethene	21	µg/L		T
PW-09W	1/1/2000	Alkalinity (Bicarbonate as CaCO3)	12	mg/L		T
PW-09W	1/1/2000	Ammonia	0.05	mg/L	U	T
PW-09W	1/1/2000	Chloride	6	mg/L		T
PW-09W	1/1/2000	Dissolved organic carbon	2.2	mg/L		T
PW-09W	1/1/2000	Ethane	2.5	µg/L	U	T
PW-09W	1/1/2000	Ethene	2.6	µg/L	U	T
PW-09W	1/1/2000	Methane	1.3	µg/L	U	T
PW-09W	1/1/2000	Nitrate (as N)	3.3	mg/L		T
PW-09W	1/1/2000	Sulphate	6	mg/L		T
PW-09W	1/1/2000	TOC	2.4	mg/L		T
PW-09W	5/9/2000	1,1-Dichloroethene	10	µg/L	U	T
PW-09W	5/9/2000	1,2-Dichloroethene	10	µg/L	U	T
PW-09W	5/9/2000	1-Eicosonal	3	µg/L		T
PW-09W	5/9/2000	2-Butoxyethanol	3	µg/L		T
PW-09W	5/9/2000	Acetone	10	µg/L	U	T
PW-09W	5/9/2000	Aldrin + Dieldrin	0.1	µg/L	U	T
PW-09W	5/9/2000	Aluminium	13	µg/L	U	T
PW-09W	5/9/2000	Antimony	4.4	µg/L	U	T
PW-09W	5/9/2000	Arsenic	3.1	µg/L	U	T
PW-09W	5/9/2000	Barium	76	µg/L		T
PW-09W	5/9/2000	Benzene	10	µg/L	U	T
PW-09W	5/9/2000	Beryllium	0.1	µg/L	U	T
PW-09W	5/9/2000	Bis(2-ethylhexyl) phthalate	17	µg/L	U	T
PW-09W	5/9/2000	Cadmium	0.3	µg/L	U	T
PW-09W	5/9/2000	Calcium	5400	µg/L		T
PW-09W	5/9/2000	Caprolactam	10	µg/L	U	T
PW-09W	5/9/2000	Chlordane (cis)	0.05	µg/L	U	T
PW-09W	5/9/2000	Chloroform	10	µg/L	U	T
PW-09W	5/9/2000	Chromium (III+VI)	0.92	µg/L		T
PW-09W	5/9/2000	cis-1,2-Dichloroethene	10	µg/L	U	T
PW-09W	5/9/2000	Cobalt	1.3	µg/L	U	T
PW-09W	5/9/2000	Copper	6.7	µg/L	U	T
PW-09W	5/9/2000	Cyanide Total	10	µg/L	U	T
PW-09W	5/9/2000	Cyclohexane	10	µg/L	U	T
PW-09W	5/9/2000	Decamethyl-Cyclopentasiloxane	2	µg/L		T
PW-09W	5/9/2000	Dieldrin	0.1	µg/L	U	T
PW-09W	5/9/2000	Dissolved Oxygen	11.19	mg/l		T
PW-09W	5/9/2000	Electrical conductivity *(lab)	0.84	umhos/cm		T
PW-09W	5/9/2000	Endrin ketone	0.1	µg/L	U	T
PW-09W	5/9/2000	Ethylbenzene	10	µg/L	U	T
PW-09W	5/9/2000	gamma-Chlordane	0.05	µg/L	U	T
PW-09W	5/9/2000	g-BHC (Lindane)	0.05	µg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	5/9/2000	Heptachlor epoxide	0.05	µg/L	U	T
PW-09W	5/9/2000	Hexadecanoic Acid	5	µg/L		T
PW-09W	5/9/2000	Hexanoic Acid	2	µg/L		T
PW-09W	5/9/2000	Iron	76	µg/L		T
PW-09W	5/9/2000	Lead	1.8	µg/L	U	T
PW-09W	5/9/2000	Magnesium	1600	µg/L		T
PW-09W	5/9/2000	Manganese	2.7	µg/L	U	T
PW-09W	5/9/2000	Mercury	0.1	µg/L	U	T
PW-09W	5/9/2000	Methyl acetate	10	µg/L	U	T
PW-09W	5/9/2000	Methylcyclohexane	10	µg/L	U	T
PW-09W	5/9/2000	Nickel	1.2	µg/L	U	T
PW-09W	5/9/2000	N-Tridecane	0.05	µg/L		T
PW-09W	5/9/2000	N-Tridecane	0.1	µg/L		T
PW-09W	5/9/2000	N-Tridecane	0.5	µg/L		T
PW-09W	5/9/2000	N-Tridecane	1	µg/L		T
PW-09W	5/9/2000	N-Tridecane	1.3	µg/L		T
PW-09W	5/9/2000	N-Tridecane	2	µg/L		T
PW-09W	5/9/2000	N-Tridecane	2.5	µg/L		T
PW-09W	5/9/2000	N-Tridecane	2.6	µg/L		T
PW-09W	5/9/2000	N-Tridecane	5	µg/L		T
PW-09W	5/9/2000	N-Tridecane	10	µg/L		T
PW-09W	5/9/2000	ORP	189	millivolts		T
PW-09W	5/9/2000	pH	5.49	pH Units		T
PW-09W	5/9/2000	pH	5.49	SU		T
PW-09W	5/9/2000	Phenol	10	µg/L	U	T
PW-09W	5/9/2000	Potassium	1900	µg/L		T
PW-09W	5/9/2000	Selenium	3.7	µg/L	U	T
PW-09W	5/9/2000	Silver	2.6	µg/L	U	T
PW-09W	5/9/2000	Sodium	7900	µg/L		T
PW-09W	5/9/2000	Specific Conductance	840	umhos/cm		T
PW-09W	5/9/2000	Temp	21.5	degree C		T
PW-09W	5/9/2000	Tetrachloroethene	10	µg/L	U	T
PW-09W	5/9/2000	Thallium	5.9	µg/L	U	T
PW-09W	5/9/2000	Toluene	10	µg/L		T
PW-09W	5/9/2000	Trichloroethene	10	µg/L	U	T
PW-09W	5/9/2000	Turbidity	0.74	NTU		T
PW-09W	5/9/2000	Unknown Compound	2	µg/L		T
PW-09W	5/9/2000	Vanadium	1	µg/L	U	T
PW-09W	5/9/2000	Xylene Total	10	µg/L	U	T
PW-09W	5/9/2000	Zinc	28	µg/L	U	T
PW-09W	5/22/2000	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,2,3-Trichloropropane	0.0005	mg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	5/22/2000	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,2-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,2-dichloropropane	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	5/22/2000	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	5/22/2000	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	5/22/2000	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Benzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Bromobenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	Bromoform	0.0005	mg/L	U	T
PW-09W	5/22/2000	Bromomethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	5/22/2000	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	Chloroethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	Chloroform	0.0005	mg/L	U	T
PW-09W	5/22/2000	Chloromethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Dibromomethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	5/22/2000	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Methylene chloride	0.0005	mg/L	U	T
PW-09W	5/22/2000	Naphthalene	0.0005	mg/L	U	T
PW-09W	5/22/2000	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	5/22/2000	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Styrene	0.0005	mg/L	U	T
PW-09W	5/22/2000	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Tetrachloroethene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Toluene	0.0005	mg/L	U	T
PW-09W	5/22/2000	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Trichloroethene	0.0005	mg/L	U	T
PW-09W	5/22/2000	Trichlorofluoromethane	0.00109	mg/L		T
PW-09W	5/22/2000	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	5/22/2000	Xylene Total	0.0015	mg/L	U	T
PW-09W	7/18/2000	1,2-Dibromo-3-chloropropane	0.0001	mg/L	U	T
PW-09W	7/18/2000	1,2-Dibromoethane	0.000025	mg/L	U	T
PW-09W	7/18/2000	2,4,5-TP (Silvex)	0.025	mg/L	U	T
PW-09W	7/18/2000	3-Hydroxy carbofuran	0.005	mg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	7/18/2000	Aldicarb	0.0015	mg/L	U	T
PW-09W	7/18/2000	Aldicarb sulfone	0.001	mg/L	U	T
PW-09W	7/18/2000	Aldicarb sulfoxide	0.002	mg/L	U	T
PW-09W	7/18/2000	Aldrin	0.0005	mg/L	U	T
PW-09W	7/18/2000	Aldrin + Dieldrin	1	µg/L	U	T
PW-09W	7/18/2000	Atrazine	0.0015	mg/L	U	T
PW-09W	7/18/2000	Benzo(a) pyrene	0.0001	mg/L	U	T
PW-09W	7/18/2000	Bis(2-ethylhexyl) phthalate	0.002	mg/L	U	T
PW-09W	7/18/2000	Carbaryl	0.005	mg/L	U	T
PW-09W	7/18/2000	Carbofuran	0.0075	mg/L	U	T
PW-09W	7/18/2000	Chlordane	0.001	mg/L	U	T
PW-09W	7/18/2000	Dalapon	0.1	mg/L	U	T
PW-09W	7/18/2000	Di(2-ethylhexyl)adipate	0.005	mg/L	U	T
PW-09W	7/18/2000	Dicamba	0.05	mg/L	U	T
PW-09W	7/18/2000	Dieldrin	0.0005	mg/L	U	T
PW-09W	7/18/2000	Dinoseb	0.0035	mg/L	U	T
PW-09W	7/18/2000	Diquat	0.01	mg/L	U	T
PW-09W	7/18/2000	Endothall	0.05	mg/L	U	T
PW-09W	7/18/2000	Endrin	0.001	mg/L	U	T
PW-09W	7/18/2000	g-BHC (Lindane)	0.0001	mg/L	U	T
PW-09W	7/18/2000	Glyphosate	0.01	mg/L	U	T
PW-09W	7/18/2000	Hedonal	0.035	mg/L	U	T
PW-09W	7/18/2000	Heptachlor	0.0002	mg/L	U	T
PW-09W	7/18/2000	Heptachlor epoxide	0.0001	mg/L	U	T
PW-09W	7/18/2000	Hexachlorobenzene	0.0005	mg/L	U	T
PW-09W	7/18/2000	Hexachlorocyclopentadiene	0.005	mg/L	U	T
PW-09W	7/18/2000	Metachlor	0.001	mg/L	U	T
PW-09W	7/18/2000	Methomyl	0.005	mg/L	U	T
PW-09W	7/18/2000	Methoxychlor	0.005	mg/L	U	T
PW-09W	7/18/2000	Oxamyl	0.005	mg/L	U	T
PW-09W	7/18/2000	PCBs (Sum of total)	0.0001	mg/L	U	T
PW-09W	7/18/2000	Pentachlorophenol	0.0005	mg/L	U	T
PW-09W	7/18/2000	Picloram	0.025	mg/L	U	T
PW-09W	7/18/2000	Propachlor	0.0005	mg/L	U	T
PW-09W	7/18/2000	Simazine	0.002	mg/L	U	T
PW-09W	7/18/2000	Toxaphene	0.0015	mg/L	U	T
PW-09W	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
PW-09W	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
PW-09W	1/1/2001	2,4-Dimethylphenol	10	µg/L	U	T
PW-09W	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
PW-09W	1/1/2001	Aluminium	15	µg/L	U	T
PW-09W	1/1/2001	Arsenic	4.2	µg/L	U	T
PW-09W	1/1/2001	Barium	84	µg/L		T
PW-09W	1/1/2001	Benzene	10	µg/L	U	T
PW-09W	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
PW-09W	1/1/2001	Cadmium	0.6	µg/L	U	T
PW-09W	1/1/2001	Calcium	5300	µg/L		T
PW-09W	1/1/2001	Caprolactam	10	µg/L	U	T
PW-09W	1/1/2001	Chloroform	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	1/1/2001	Chromium (III+VI)	1.2	µg/L		T
PW-09W	1/1/2001	cis-1,2-Dichloroethene	10	µg/L	U	T
PW-09W	1/1/2001	Cobalt	0.7	µg/L	U	T
PW-09W	1/1/2001	Copper	1.6	µg/L	U	T
PW-09W	1/1/2001	Cyclohexane	10	µg/L	U	T
PW-09W	1/1/2001	Dieldrin	0.1	µg/L	U	T
PW-09W	1/1/2001	Diethylphthalate	10	µg/L	U	T
PW-09W	1/1/2001	Endrin	0.01	µg/L	U	T
PW-09W	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
PW-09W	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
PW-09W	1/1/2001	Iron	14	µg/L	U	T
PW-09W	1/1/2001	Lead	1.7	µg/L	U	T
PW-09W	1/1/2001	Magnesium	1500	µg/L		T
PW-09W	1/1/2001	Manganese	2.2	µg/L	U	T
PW-09W	1/1/2001	Mercury	0.13	µg/L	U	T
PW-09W	1/1/2001	Nickel	2	µg/L		T
PW-09W	1/1/2001	Potassium	2300	µg/L		T
PW-09W	1/1/2001	Sodium	9000	µg/L		T
PW-09W	1/1/2001	Tetrachloroethene	10	µg/L	U	T
PW-09W	1/1/2001	Trichloroethene	10	µg/L	U	T
PW-09W	1/1/2001	Unknown siloxane/#	4	µg/L		T
PW-09W	1/1/2001	Vanadium	0.7	µg/L	U	T
PW-09W	1/1/2001	Xylene Total	10	µg/L	U	T
PW-09W	1/1/2001	Zinc	2.6	µg/L		T
PW-09W	1/22/2001	Dissolved Oxygen	5.47	mg/l		T
PW-09W	1/22/2001	Electrical conductivity *(lab)	93	umhos/cm		T
PW-09W	1/22/2001	Ferrous Iron	0.5	mg/l	U	T
PW-09W	1/22/2001	ORP	205	millivolts		T
PW-09W	1/22/2001	pH	5.37	SU		T
PW-09W	1/22/2001	Temp	19.7	degree C		T
PW-09W	1/22/2001	Turbidity	4	NTU		T
PW-09W	4/8/2002	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,2-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/8/2002	1,4-Dichlorobenzene	0.0005	mg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	4/8/2002	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/8/2002	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/8/2002	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Benzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Bromobenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	Bromoform	0.0005	mg/L	U	T
PW-09W	4/8/2002	Bromomethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	4/8/2002	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	Chloroethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	Chloroform	0.0005	mg/L	U	T
PW-09W	4/8/2002	Chloromethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Dibromomethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	4/8/2002	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Methylene chloride	0.002	mg/L	U	T
PW-09W	4/8/2002	MTBE	0.0005	mg/L	U	T
PW-09W	4/8/2002	Naphthalene	0.0005	mg/L	U	T
PW-09W	4/8/2002	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	4/8/2002	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Styrene	0.0005	mg/L	U	T
PW-09W	4/8/2002	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Tetrachloroethene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Toluene	0.0005	mg/L	U	T
PW-09W	4/8/2002	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/8/2002	Trichloroethene	0.00162	mg/L		T
PW-09W	4/8/2002	Trichlorofluoromethane	0.000586	mg/L		T
PW-09W	4/8/2002	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	4/8/2002	Xylene Total	0.0015	mg/L	U	T
PW-09W	5/1/2002	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,2-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,2-Dichloroethene	0.0005	mg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	5/1/2002	1,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	5/1/2002	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	5/1/2002	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	5/1/2002	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Benzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Bromobenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	Bromoform	0.0005	mg/L	U	T
PW-09W	5/1/2002	Bromomethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	5/1/2002	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	Chloroethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	Chloroform	0.0005	mg/L	U	T
PW-09W	5/1/2002	Chloromethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Dibromomethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	5/1/2002	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Methylene chloride	0.002	mg/L	U	T
PW-09W	5/1/2002	Naphthalene	0.0005	mg/L	U	T
PW-09W	5/1/2002	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	5/1/2002	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Styrene	0.0005	mg/L	U	T
PW-09W	5/1/2002	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Tetrachloroethene	0.00126	mg/L		T
PW-09W	5/1/2002	Toluene	0.0005	mg/L	U	T
PW-09W	5/1/2002	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	5/1/2002	Trichloroethene	0.000765	mg/L		T
PW-09W	5/1/2002	Trichlorofluoromethane	0.000659	mg/L		T
PW-09W	5/1/2002	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	5/1/2002	Xylene Total	0.0015	mg/L	U	T
PW-09W	4/21/2003	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	4/21/2003	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,2-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,2-dichloropropane	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/21/2003	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/21/2003	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/21/2003	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Benzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Bromobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	Bromoform	0.0005	mg/L	U	T
PW-09W	4/21/2003	Bromomethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	4/21/2003	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	Chloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	Chloroform	0.0005	mg/L	U	T
PW-09W	4/21/2003	Chloromethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Dibromomethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Methylene chloride	0.002	mg/L	U	T
PW-09W	4/21/2003	Naphthalene	0.0005	mg/L	U	T
PW-09W	4/21/2003	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	4/21/2003	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Styrene	0.0005	mg/L	U	T
PW-09W	4/21/2003	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Tetrachloroethene	0.0431	mg/L		T
PW-09W	4/21/2003	Toluene	0.0005	mg/L	U	T
PW-09W	4/21/2003	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/21/2003	Trichloroethene	0.00269	mg/L		T
PW-09W	4/21/2003	Trichlorofluoromethane	0.0005	mg/L	U	T
PW-09W	4/21/2003	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	4/21/2003	Xylene Total	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	6/7/2004	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,2-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	6/7/2004	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	6/7/2004	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	6/7/2004	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Benzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Bromobenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	Bromoform	0.0005	mg/L	U	T
PW-09W	6/7/2004	Bromomethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	6/7/2004	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	Chloroethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	Chloroform	0.0005	mg/L	U	T
PW-09W	6/7/2004	Chloromethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Dibromomethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Methylene chloride	0.002	mg/L	U	T
PW-09W	6/7/2004	MTBE	0.0005	mg/L	U	T
PW-09W	6/7/2004	Naphthalene	0.0005	mg/L	U	T
PW-09W	6/7/2004	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	6/7/2004	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Styrene	0.0005	mg/L	U	T
PW-09W	6/7/2004	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Tetrachloroethene	0.0407	mg/L		T
PW-09W	6/7/2004	Toluene	0.0005	mg/L	U	T
PW-09W	6/7/2004	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	6/7/2004	Trichloroethene	0.00154	mg/L		T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	6/7/2004	Trichlorofluoromethane	0.0005	mg/L	U	T
PW-09W	6/7/2004	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	6/7/2004	Xylene Total	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,2-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/20/2005	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/20/2005	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/20/2005	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Benzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Bromobenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	Bromoform	0.0005	mg/L	U	T
PW-09W	4/20/2005	Bromomethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	4/20/2005	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	Chloroethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	Chloroform	0.0005	mg/L	U	T
PW-09W	4/20/2005	Chloromethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Dibromomethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Methylene chloride	0.002	mg/L	U	T
PW-09W	4/20/2005	MTBE	0.0005	mg/L	U	T
PW-09W	4/20/2005	Naphthalene	0.0005	mg/L	U	T
PW-09W	4/20/2005	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	4/20/2005	sec-Butylbenzene	0.0005	mg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	4/20/2005	Styrene	0.0005	mg/L	U	T
PW-09W	4/20/2005	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Tetrachloroethene	0.0559	mg/L		T
PW-09W	4/20/2005	Toluene	0.0005	mg/L	U	T
PW-09W	4/20/2005	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/20/2005	Trichloroethene	0.00108	mg/L		T
PW-09W	4/20/2005	Trichlorofluoromethane	0.0005	mg/L	U	T
PW-09W	4/20/2005	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	4/20/2005	Xylene Total	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,2-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,2-dichloropropane	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/27/2006	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/27/2006	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/27/2006	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Benzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Bromobenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	Bromoform	0.0005	mg/L	U	T
PW-09W	4/27/2006	Bromomethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	4/27/2006	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	Chloroethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	Chloroform	0.0005	mg/L	U	T
PW-09W	4/27/2006	Chloromethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Dibromomethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Methylene chloride	0.002	mg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	4/27/2006	MTBE	0.0005	mg/L	U	T
PW-09W	4/27/2006	Naphthalene	0.0005	mg/L	U	T
PW-09W	4/27/2006	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	4/27/2006	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Styrene	0.0005	mg/L	U	T
PW-09W	4/27/2006	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Tetrachloroethene	0.0362	mg/L		T
PW-09W	4/27/2006	Toluene	0.0005	mg/L	U	T
PW-09W	4/27/2006	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/27/2006	Trichloroethene	0.00094	mg/L		T
PW-09W	4/27/2006	Trichlorofluoromethane	0.0005	mg/L	U	T
PW-09W	4/27/2006	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	4/27/2006	Xylene Total	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,2-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,2-dichloropropane	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	6/26/2007	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	6/26/2007	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	6/26/2007	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Benzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Bromobenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	Bromoform	0.0005	mg/L	U	T
PW-09W	6/26/2007	Bromomethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	6/26/2007	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	Chloroethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	Chloroform	0.0005	mg/L	U	T
PW-09W	6/26/2007	Chloromethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	cis-1,2-Dichloroethene	0.0005	mg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	6/26/2007	Dibromomethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Methylene chloride	0.002	mg/L	U	T
PW-09W	6/26/2007	MTBE	0.0005	mg/L	U	T
PW-09W	6/26/2007	Naphthalene	0.0005	mg/L	U	T
PW-09W	6/26/2007	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	6/26/2007	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Styrene	0.0005	mg/L	U	T
PW-09W	6/26/2007	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Tetrachloroethene	0.0399	mg/L		T
PW-09W	6/26/2007	Toluene	0.0005	mg/L	U	T
PW-09W	6/26/2007	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	6/26/2007	Trichloroethene	0.00084	mg/L		T
PW-09W	6/26/2007	Trichlorofluoromethane	0.0005	mg/L	U	T
PW-09W	6/26/2007	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	6/26/2007	Xylene Total	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,2-dichloropropane	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/15/2008	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/15/2008	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/15/2008	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Benzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Bromobenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	Bromoform	0.0005	mg/L	U	T
PW-09W	4/15/2008	Bromomethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	4/15/2008	Chlorobenzene	0.0005	mg/L	U	T

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Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	4/15/2008	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	Chloroethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	Chloroform	0.0005	mg/L	U	T
PW-09W	4/15/2008	Chloromethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Dibromomethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Methylene chloride	0.002	mg/L	U	T
PW-09W	4/15/2008	MTBE	0.0005	mg/L	U	T
PW-09W	4/15/2008	Naphthalene	0.0005	mg/L	U	T
PW-09W	4/15/2008	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Odor	0.0005	mg/L	U	T
PW-09W	4/15/2008	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	4/15/2008	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Styrene	0.0005	mg/L	U	T
PW-09W	4/15/2008	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Tetrachloroethene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Toluene	0.0005	mg/L	U	T
PW-09W	4/15/2008	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/15/2008	Trichloroethene	0.00092	mg/L		T
PW-09W	4/15/2008	Trichlorofluoromethane	0.0005	mg/L	U	T
PW-09W	4/15/2008	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	4/15/2008	Xylene Total	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,2-dichloropropane	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,3-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	4/21/2009	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	4/21/2009	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/21/2009	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Benzene	0.0005	mg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	4/21/2009	Bromobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	Bromoform	0.0005	mg/L	U	T
PW-09W	4/21/2009	Bromomethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	4/21/2009	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	Chloroethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	Chloroform	0.0005	mg/L	U	T
PW-09W	4/21/2009	Chloromethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Dibromomethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Methylene chloride	0.002	mg/L	U	T
PW-09W	4/21/2009	MTBE	0.0005	mg/L	U	T
PW-09W	4/21/2009	Naphthalene	0.0005	mg/L	U	T
PW-09W	4/21/2009	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	n-Propylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Odor	0.0005	mg/L	U	T
PW-09W	4/21/2009	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	4/21/2009	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Styrene	0.0005	mg/L	U	T
PW-09W	4/21/2009	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Tetrachloroethene	0.161	mg/L		T
PW-09W	4/21/2009	Toluene	0.0005	mg/L	U	T
PW-09W	4/21/2009	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	4/21/2009	Trichloroethene	0.00071	mg/L		T
PW-09W	4/21/2009	Trichlorofluoromethane	0.0005	mg/L	U	T
PW-09W	4/21/2009	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	4/21/2009	Xylene Total	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,1,1,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,1,1-Trichloroethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,1,2,2-Tetrachloroethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,1,2-Trichloroethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,1-Dichloroethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,1-Dichloroethene	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,1-Dichloropropene	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,2,3-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,2,3-Trichloropropane	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,2,4-Trichlorobenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,2,4-Trimethylbenzene (2 isomers)	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,2-dichloropropane	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,3,5-Trimethylbenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,3-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,3-Dichloropropane	0.0005	mg/L	U	T

APPENDIX G

Historical Groundwater Sample Results*Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL*

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	9/15/2009	1,3-Dichloropropene	0.0005	mg/L	U	T
PW-09W	9/15/2009	1,4-Dichlorobenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	2,2-Dichloropropane	0.0005	mg/L	U	T
PW-09W	9/15/2009	2-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	9/15/2009	4-Chlorotoluene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Alkalinity (total)	16.4	mg/L		T
PW-09W	9/15/2009	Aluminium	0.04	mg/L	U	T
PW-09W	9/15/2009	Antimony	0.02	mg/L	U	T
PW-09W	9/15/2009	Arsenic	0.03	mg/L	U	T
PW-09W	9/15/2009	Barium	0.0942	mg/L		T
PW-09W	9/15/2009	Benzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Beryllium	0.02	mg/L	U	T
PW-09W	9/15/2009	Bromobenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Bromochloromethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	Bromoform	0.0005	mg/L	U	T
PW-09W	9/15/2009	Bromomethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	Cadmium	0.02	mg/L	U	T
PW-09W	9/15/2009	Calcium	6.54	mg/L		T
PW-09W	9/15/2009	Carbon dioxide	50.6	mg/L		T
PW-09W	9/15/2009	Carbon tetrachloride	0.0005	mg/L	U	T
PW-09W	9/15/2009	Chloride	7.17	mg/L		T
PW-09W	9/15/2009	Chlorobenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Chlorodibromomethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	Chloroethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	Chloroform	0.0005	mg/L	U	T
PW-09W	9/15/2009	Chloromethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	Chromium (III+VI)	0.02	mg/L	U	T
PW-09W	9/15/2009	cis-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Copper	0.02	mg/L	U	T
PW-09W	9/15/2009	Dibromomethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	Dichlorodifluoromethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	Ethylbenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Fluoride	0.5	mg/L	U	T
PW-09W	9/15/2009	Hardness (as CaCO ₃)	22.84	mg/L		T
PW-09W	9/15/2009	Hexachlorobutadiene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Iron	0.208	mg/L		T
PW-09W	9/15/2009	Isopropylbenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Lead	0.03	mg/L	U	T
PW-09W	9/15/2009	Magnesium	1.58	mg/L		T
PW-09W	9/15/2009	Manganese	0.025	mg/L	U	T
PW-09W	9/15/2009	Mercury	0.001	mg/L	U	T
PW-09W	9/15/2009	Methylene chloride	0.002	mg/L	U	T
PW-09W	9/15/2009	MTBE	0.0005	mg/L	U	T
PW-09W	9/15/2009	Naphthalene	0.0005	mg/L	U	T
PW-09W	9/15/2009	n-Butylbenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Nickel	0.03	mg/L	U	T
PW-09W	9/15/2009	Nitrate (as N)	3.53	mg/L		T
PW-09W	9/15/2009	Nitrite (as N)	0.02	mg/L	U	T
PW-09W	9/15/2009	n-Propylbenzene	0.0005	mg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	9/15/2009	Odor	0.0005	mg/L	U	T
PW-09W	9/15/2009	p-Isopropyltoluene	0.0005	mg/L	U	T
PW-09W	9/15/2009	sec-Butylbenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Selenium	0.02	mg/L	U	T
PW-09W	9/15/2009	Silver	0.02	mg/L	U	T
PW-09W	9/15/2009	Sodium	8	mg/L		T
PW-09W	9/15/2009	Specific Conductance	57.9	mg/L		T
PW-09W	9/15/2009	Styrene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Sulphate	5.73	mg/L		T
PW-09W	9/15/2009	tert-Butylbenzene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Tetrachloroethene	0.0495	mg/L		T
PW-09W	9/15/2009	Thallium	0.02	mg/L	U	T
PW-09W	9/15/2009	Toluene	0.0005	mg/L	U	T
PW-09W	9/15/2009	trans-1,2-Dichloroethene	0.0005	mg/L	U	T
PW-09W	9/15/2009	Trichloroethene	0.00059	mg/L		T
PW-09W	9/15/2009	Trichlorofluoromethane	0.0005	mg/L	U	T
PW-09W	9/15/2009	Vinyl chloride	0.0005	mg/L	U	T
PW-09W	9/15/2009	Xylene Total	0.0005	mg/L	U	T
PW-09W	9/15/2009	Zinc	0.02	mg/L	U	T
PW-09W	6/20/2011	1,1,1,2Tetrachloroethane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,1,1-Trichloroethane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,1,2-Trichloroethane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,1-Dichloroethane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,1-Dichloroethene	0.5	µg/L	U	T
PW-09W	6/20/2011	1,1-Dichloropropene	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2,3-Trichloropropane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2,4-Trimethylbenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2,5-Trimethylbenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2-Dibromo-3-chloropropane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2-Dibromoethane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2-Dichlorobenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2-Dichloroethane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,2-Dichloropropane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,3-Dichlorobenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	1,3-Dichloropropane	0.5	µg/L	U	T
PW-09W	6/20/2011	1,4-Dichlorobenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	2,2-Dichloropropane	0.5	µg/L	U	T
PW-09W	6/20/2011	2-Chlorotoluene	0.5	µg/L	U	T
PW-09W	6/20/2011	4-Chlorotoluene	0.5	µg/L	U	T
PW-09W	6/20/2011	4-Isopropyltoluene	0.5	µg/L	U	T
PW-09W	6/20/2011	Benzene	0.5	µg/L	U	T
PW-09W	6/20/2011	Bromobenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	Bromochloromethane	0.5	µg/L	U	T
PW-09W	6/20/2011	Bromodichloromethane	0.5	µg/L	U	T
PW-09W	6/20/2011	Bromoform	0.5	µg/L	U	T
PW-09W	6/20/2011	Bromomethane	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	6/20/2011	Carbon tetrachloride	0.5	µg/L	U	T
PW-09W	6/20/2011	Chlorobenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	Chloroethane	0.5	µg/L	U	T
PW-09W	6/20/2011	Chloroform	0.5	µg/L	U	T
PW-09W	6/20/2011	Chloromethane	0.5	µg/L	U	T
PW-09W	6/20/2011	cis-1,2-Dichloroethene	0.5	µg/L	U	T
PW-09W	6/20/2011	cis-1,3-Dichloropropene	0.5	µg/L	U	T
PW-09W	6/20/2011	Dibromochloromethane	0.5	µg/L	U	T
PW-09W	6/20/2011	Dibromomethane	0.5	µg/L	U	T
PW-09W	6/20/2011	Dichlorodifluoromethane	0.5	µg/L	U	T
PW-09W	6/20/2011	Ethylbenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	Hexachlorobutadiene	0.5	µg/L	U	T
PW-09W	6/20/2011	Isopropylbenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	Methyl tert-butyl ether (MTBE)	0.5	µg/L	U	T
PW-09W	6/20/2011	Methylene Chloride	2	µg/L	U	T
PW-09W	6/20/2011	Naphthalene	0.5	µg/L	U	T
PW-09W	6/20/2011	n-Butylbenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	n-Propylbenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	sec-Butylbenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	Styrene	0.5	µg/L	U	T
PW-09W	6/20/2011	tert-Butylbenzene	0.5	µg/L	U	T
PW-09W	6/20/2011	Tetrachloroethene	0.5	µg/L	U	T
PW-09W	6/20/2011	Toluene	0.5	µg/L	U	T
PW-09W	6/20/2011	Total Xylenes	0.5	µg/L	U	T
PW-09W	6/20/2011	trans-1,2-Dichloroethene	0.5	µg/L	U	T
PW-09W	6/20/2011	trans-1,3-Dichloropropene	0.5	µg/L	U	T
PW-09W	6/20/2011	Trichloroethene	0.5	µg/L	U	T
PW-09W	6/20/2011	Trichlorofluoromethane	0.5	µg/L	U	T
PW-09W	6/20/2011	Vinyl Chloride	0.5	µg/L	U	T
PW-09W	12/5/2013	1,1,1,2Tetrachloroethane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,1,1-Trichloroethane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,1,2-Trichloroethane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,1-Dichloroethane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,1-Dichloroethene	0.5	µg/L	U	T
PW-09W	12/5/2013	1,1-Dichloropropene	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2,3-Trichloropropane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2,4-Trichlorobenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2,4-Trimethylbenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2,5-Trimethylbenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2-Dibromo-3-chloropropane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2-Dibromoethane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2-Dichlorobenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2-Dichloroethane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,2-Dichloropropane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,3-Dichlorobenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	1,3-Dichloropropane	0.5	µg/L	U	T
PW-09W	12/5/2013	1,4-Dichlorobenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	12/5/2013	2,2-Dichloropropane	0.5	µg/L	U	T
PW-09W	12/5/2013	2-Chlorotoluene	0.5	µg/L	U	T
PW-09W	12/5/2013	4-Chlorotoluene	0.5	µg/L	U	T
PW-09W	12/5/2013	4-Isopropyltoluene	0.5	µg/L	U	T
PW-09W	12/5/2013	Benzene	0.5	µg/L	U	T
PW-09W	12/5/2013	Bromobenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	Bromochloromethane	0.5	µg/L	U	T
PW-09W	12/5/2013	Bromodichloromethane	0.5	µg/L	U	T
PW-09W	12/5/2013	Bromoform	0.5	µg/L	U	T
PW-09W	12/5/2013	Bromomethane	0.5	µg/L	U	T
PW-09W	12/5/2013	Carbon tetrachloride	0.5	µg/L	U	T
PW-09W	12/5/2013	Chlorobenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	Chloroethane	0.5	µg/L	U	T
PW-09W	12/5/2013	Chloroform	0.5	µg/L	U	T
PW-09W	12/5/2013	Chloromethane	0.5	µg/L	U	T
PW-09W	12/5/2013	cis-1,2-Dichloroethene	0.5	µg/L	U	T
PW-09W	12/5/2013	cis-1,3-Dichloropropene	0.5	µg/L	U	T
PW-09W	12/5/2013	Dibromochloromethane	0.5	µg/L	U	T
PW-09W	12/5/2013	Dibromomethane	0.5	µg/L	U	T
PW-09W	12/5/2013	Dichlorodifluoromethane	0.5	µg/L	U	T
PW-09W	12/5/2013	Ethylbenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	Hexachlorobutadiene	0.5	µg/L	U	T
PW-09W	12/5/2013	Isopropylbenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	Methyl tert-butyl ether (MTBE)	0.5	µg/L	U	T
PW-09W	12/5/2013	Methylene Chloride	2	µg/L	U	T
PW-09W	12/5/2013	Naphthalene	0.5	µg/L	U	T
PW-09W	12/5/2013	n-Butylbenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	n-Propylbenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	sec-Butylbenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	Styrene	0.5	µg/L	U	T
PW-09W	12/5/2013	tert-Butylbenzene	0.5	µg/L	U	T
PW-09W	12/5/2013	Tetrachloroethene	0.76	µg/L		T
PW-09W	12/5/2013	Toluene	0.5	µg/L	U	T
PW-09W	12/5/2013	Total Xylenes	0.5	µg/L	U	T
PW-09W	12/5/2013	trans-1,2-Dichloroethene	0.5	µg/L	U	T
PW-09W	12/5/2013	trans-1,3-Dichloropropene	0.5	µg/L	U	T
PW-09W	12/5/2013	Trichloroethene	0.5	µg/L	U	T
PW-09W	12/5/2013	Trichlorofluoromethane	0.5	µg/L	U	T
PW-09W	12/5/2013	Vinyl Chloride	0.5	µg/L	U	T
PW-09W	1/23/2014	1,1,1,2Tetrachloroethane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,1,1-Trichloroethane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,1,2,2-Tetrachloroethane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,1,2-Trichloroethane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,1-Dichloroethane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,1-Dichloroethene	0.5	µg/L	U	T
PW-09W	1/23/2014	1,1-Dichloropropene	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2,3-Trichlorobenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2,3-Trichloropropane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2,4-Trichlorobenzene	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
PW-09W	1/23/2014	1,2,4-Trimethylbenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2,5-Trimethylbenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2-Dibromo-3-chloropropane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2-Dibromoethane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2-Dichlorobenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2-Dichloroethane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,2-Dichloropropane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,3-Dichlorobenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	1,3-Dichloropropane	0.5	µg/L	U	T
PW-09W	1/23/2014	1,4-Dichlorobenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	2,2-Dichloropropane	0.5	µg/L	U	T
PW-09W	1/23/2014	2-Chlorotoluene	0.5	µg/L	U	T
PW-09W	1/23/2014	4-Chlorotoluene	0.5	µg/L	U	T
PW-09W	1/23/2014	4-Isopropyltoluene	0.5	µg/L	U	T
PW-09W	1/23/2014	Benzene	0.5	µg/L	U	T
PW-09W	1/23/2014	Bromobenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	Bromochloromethane	0.5	µg/L	U	T
PW-09W	1/23/2014	Bromodichloromethane	0.5	µg/L	U	T
PW-09W	1/23/2014	Bromoform	0.5	µg/L	U	T
PW-09W	1/23/2014	Bromomethane	0.5	µg/L	U	T
PW-09W	1/23/2014	Carbon tetrachloride	0.5	µg/L	U	T
PW-09W	1/23/2014	Chlorobenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	Chloroethane	0.5	µg/L	U	T
PW-09W	1/23/2014	Chloroform	0.5	µg/L	U	T
PW-09W	1/23/2014	Chloromethane	0.5	µg/L	U	T
PW-09W	1/23/2014	cis-1,2-Dichloroethene	0.5	µg/L	U	T
PW-09W	1/23/2014	cis-1,3-Dichloropropene	0.5	µg/L	U	T
PW-09W	1/23/2014	Dibromochloromethane	0.5	µg/L	U	T
PW-09W	1/23/2014	Dibromomethane	0.5	µg/L	U	T
PW-09W	1/23/2014	Dichlorodifluoromethane	0.5	µg/L	U	T
PW-09W	1/23/2014	Ethylbenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	Hexachlorobutadiene	0.5	µg/L	U	T
PW-09W	1/23/2014	Isopropylbenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	Methyl tert-butyl ether (MTBE)	0.5	µg/L	U	T
PW-09W	1/23/2014	Methylene Chloride	2	µg/L	U	T
PW-09W	1/23/2014	Naphthalene	0.5	µg/L	U	T
PW-09W	1/23/2014	n-Butylbenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	n-Propylbenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	sec-Butylbenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	Styrene	0.5	µg/L	U	T
PW-09W	1/23/2014	tert-Butylbenzene	0.5	µg/L	U	T
PW-09W	1/23/2014	Tetrachloroethene	0.84	µg/L		T
PW-09W	1/23/2014	Toluene	0.5	µg/L	U	T
PW-09W	1/23/2014	Total Xylenes	0.5	µg/L	U	T
PW-09W	1/23/2014	trans-1,2-Dichloroethene	0.5	µg/L	U	T
PW-09W	1/23/2014	trans-1,3-Dichloropropene	0.5	µg/L	U	T
PW-09W	1/23/2014	Trichloroethene	0.5	µg/L	U	T
PW-09W	1/23/2014	Trichlorofluoromethane	0.5	µg/L	U	T
PW-09W	1/23/2014	Vinyl Chloride	0.5	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
RI_B-1	12/11/1998	Total VOCs		µg/L	U	
RI_B-2	12/11/1998	Total VOCs		µg/L	U	
RI_B-3	12/11/1998	Total VOCs		µg/L	U	
RTS_SB1	1/19/1999	1,2-Dichloroethene		µg/L	U	
RTS_SB1	1/19/1999	Benzene		µg/L	U	
RTS_SB1	1/19/1999	cis-1,2-dichloroethene	3.5	µg/L		
RTS_SB1	1/19/1999	Tetrachloroethene	98.4	µg/L		
RTS_SB1	1/19/1999	Trichloroethene	14.5	µg/L		
RTS_SB2	1/19/1999	1,2-Dichloroethene	1.81	µg/L		
RTS_SB2	1/19/1999	Benzene	3.73	µg/L		
RTS_SB2	1/19/1999	cis-1,2-dichloroethene	86	µg/L		
RTS_SB2	1/19/1999	Tetrachloroethene	501	µg/L		
RTS_SB2	1/19/1999	Trichloroethene	81.6	µg/L		
SB1	9/8/2005	cis-1,2-Dichloroethene	5	µg/L	U	
SB1	9/8/2005	Tetrachloroethene	5	µg/L	U	
SB1	9/8/2005	Trichloroethene	5	µg/L	U	
SB1	9/8/2005	Vinyl chloride	5	µg/L	U	
SB-16	2/26/1999	p-Isopropyltoluene	1	µg/L	U	T
SB2	9/8/2005	cis-1,2-Dichloroethene	5	µg/L	U	
SB2	9/8/2005	Tetrachloroethene	5	µg/L	U	
SB2	9/8/2005	Trichloroethene	5	µg/L	U	
SB2	9/8/2005	Vinyl chloride	5	µg/L	U	
SB3	9/8/2005	cis-1,2-Dichloroethene	5	µg/L	U	
SB3	9/8/2005	Tetrachloroethene	5	µg/L	U	
SB3	9/8/2005	Trichloroethene	5	µg/L	U	
SB3	9/8/2005	Vinyl chloride	5	µg/L	U	
TMPZ-1	7/22/2016	cis-1,2-Dichloroethene	0.874	µg/L	J	
TMPZ-1	7/22/2016	Tetrachloroethene	174	µg/L		
TMPZ-1	7/22/2016	trans-1,2-Dichloroethene	0.396	µg/L	U	
TMPZ-1	7/22/2016	Trichloroethene	1.01	µg/L		
TMPZ-1	7/22/2016	Vinyl Chloride	0.259	µg/L	U	
TW-01	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-01	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-01	1/1/2001	1,1-Dichloroethene	10	µg/L		T
TW-01	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-01	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-01	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-01	1/1/2001	Acetone	10	µg/L	U	T
TW-01	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-01	1/1/2001	Aluminium	2500	µg/L		T
TW-01	1/1/2001	Antimony	2.5	µg/L	U	T
TW-01	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-01	1/1/2001	Barium	180	µg/L		T
TW-01	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-01	1/1/2001	Benzene	10	µg/L	U	T
TW-01	1/1/2001	Beryllium	0.57	µg/L	U	T
TW-01	1/1/2001	Bis(2-ethylhexyl) phthalate	20	µg/L		T
TW-01	1/1/2001	Calcium	10000	µg/L		T
TW-01	1/1/2001	Caprolactam	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-01	1/1/2001	chlordan-alpha	0.05	µg/L	U	T
TW-01	1/1/2001	Chloroform	10	µg/L	U	T
TW-01	1/1/2001	Chromium (III+VI)	66	µg/L		T
TW-01	1/1/2001	Cobalt	18	µg/L		T
TW-01	1/1/2001	Copper	11	µg/L	U	T
TW-01	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-01	1/1/2001	DDD	0.1	µg/L	U	T
TW-01	1/1/2001	DDT	0.1	µg/L	U	T
TW-01	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-01	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-01	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-01	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-01	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-01	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-01	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-01	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
TW-01	1/1/2001	Iron	8200	µg/L		T
TW-01	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-01	1/1/2001	Laboratory artifacts/#	15	µg/L		T
TW-01	1/1/2001	Lead	2.6	µg/L	U	T
TW-01	1/1/2001	Magnesium	4100	µg/L		T
TW-01	1/1/2001	Manganese	950	µg/L		T
TW-01	1/1/2001	Mercury	0.1	µg/L	U	T
TW-01	1/1/2001	Methylcyclohexane	10	µg/L	U	T
TW-01	1/1/2001	Naphthalene	10	µg/L	U	T
TW-01	1/1/2001	Nickel	48	µg/L		T
TW-01	1/1/2001	Octamethylcyclotetrasiloxane	10	µg/L		T
TW-01	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-01	1/1/2001	Phenol	10	µg/L	U	T
TW-01	1/1/2001	Potassium	2900	µg/L		T
TW-01	1/1/2001	Selenium	4.8	µg/L	U	T
TW-01	1/1/2001	Sodium	1400	µg/L		T
TW-01	1/1/2001	Tetrachloroethene	2	µg/L		T
TW-01	1/1/2001	Thallium	6.2	µg/L	U	T
TW-01	1/1/2001	Toluene	10	µg/L	U	T
TW-01	1/1/2001	Trichloroethene	2	µg/L		T
TW-01	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-01	1/1/2001	Unknown Compound	8	µg/L		T
TW-01	1/1/2001	Vanadium	9.7	µg/L	U	T
TW-01	1/1/2001	Xylene Total	10	µg/L	U	T
TW-01	1/1/2001	Zinc	99	µg/L		T
TW-01	1/9/2001	Electrical conductivity *(lab)	171	umhos/cm		T
TW-01	1/9/2001	pH	5.03	SU		T
TW-01	1/9/2001	Temp	16.4	degree C		T
TW-01	1/9/2001	Turbidity	165	NTU		T
TW-02	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-02	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-02	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-02	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-02	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-02	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-02	1/1/2001	Acetone	10	µg/L	U	T
TW-02	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-02	1/1/2001	Aluminium	1400	µg/L		T
TW-02	1/1/2001	Antimony	2.5	µg/L	U	T
TW-02	1/1/2001	Arsenic	11	µg/L		T
TW-02	1/1/2001	Barium	150	µg/L		T
TW-02	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-02	1/1/2001	Benzene	10	µg/L	U	T
TW-02	1/1/2001	Beryllium	4.5	µg/L	U	T
TW-02	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-02	1/1/2001	Calcium	13000	µg/L		T
TW-02	1/1/2001	Caprolactam	10	µg/L	U	T
TW-02	1/1/2001	chlordan-alpha	0.05	µg/L	U	T
TW-02	1/1/2001	Chloroform	10	µg/L	U	T
TW-02	1/1/2001	Chromium (III+VI)	1200	µg/L		T
TW-02	1/1/2001	Cobalt	30	µg/L		T
TW-02	1/1/2001	Copper	120	µg/L		T
TW-02	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-02	1/1/2001	DDD	0.1	µg/L	U	T
TW-02	1/1/2001	DDT	0.1	µg/L	U	T
TW-02	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-02	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-02	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-02	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-02	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-02	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-02	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-02	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
TW-02	1/1/2001	Iron	81000	µg/L		T
TW-02	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-02	1/1/2001	Laboratory artifacts/#	8	µg/L		T
TW-02	1/1/2001	Lead	16	µg/L		T
TW-02	1/1/2001	Magnesium	6400	µg/L		T
TW-02	1/1/2001	Manganese	1000	µg/L		T
TW-02	1/1/2001	Mercury	0.1	µg/L	U	T
TW-02	1/1/2001	Methylcyclohexane	10	µg/L	U	T
TW-02	1/1/2001	Naphthalene	10	µg/L	U	T
TW-02	1/1/2001	Nickel	600	µg/L		T
TW-02	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-02	1/1/2001	Phenol	10	µg/L	U	T
TW-02	1/1/2001	Potassium	5200	µg/L		T
TW-02	1/1/2001	Selenium	4.8	µg/L	U	T
TW-02	1/1/2001	Sodium	26000	µg/L		T
TW-02	1/1/2001	Tetrachloroethene	26	µg/L		T
TW-02	1/1/2001	Thallium	10	µg/L	U	T
TW-02	1/1/2001	Toluene	10	µg/L	U	T
TW-02	1/1/2001	Trichloroethene	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-02	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-02	1/1/2001	Unknown Compound	7	µg/L		T
TW-02	1/1/2001	Vanadium	94	µg/L		T
TW-02	1/1/2001	Xylene Total	10	µg/L	U	T
TW-02	1/1/2001	Zinc	1400	µg/L		T
TW-02	1/10/2001	Dissolved Oxygen	10.05	mg/l		T
TW-02	1/10/2001	Electrical conductivity *(lab)	235	umhos/cm		T
TW-02	1/10/2001	pH	4.6	SU		T
TW-02	1/10/2001	Temp	17.7	degree C		T
TW-03	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-03	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-03	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-03	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-03	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-03	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-03	1/1/2001	Acetone	10	µg/L	U	T
TW-03	1/1/2001	Aldrin + Dieldrin	0.21	µg/L		T
TW-03	1/1/2001	Aluminium	10000	µg/L		T
TW-03	1/1/2001	Antimony	2.5	µg/L	U	T
TW-03	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-03	1/1/2001	Barium	130	µg/L		T
TW-03	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-03	1/1/2001	Benzene	10	µg/L	U	T
TW-03	1/1/2001	Beryllium	1.2	µg/L	U	T
TW-03	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-03	1/1/2001	Calcium	8200	µg/L		T
TW-03	1/1/2001	Caprolactam	10	µg/L	U	T
TW-03	1/1/2001	chlordane-alpha	0.27	µg/L		T
TW-03	1/1/2001	Chloroform	10	µg/L	U	T
TW-03	1/1/2001	Chromium (III+VI)	180	µg/L		T
TW-03	1/1/2001	Cobalt	11	µg/L		T
TW-03	1/1/2001	Copper	25	µg/L	U	T
TW-03	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-03	1/1/2001	DDD	0.1	µg/L	U	T
TW-03	1/1/2001	DDT	0.1	µg/L	U	T
TW-03	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-03	1/1/2001	Dieldrin	0.21	µg/L		T
TW-03	1/1/2001	Endosulfan	0.025	µg/L		T
TW-03	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-03	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-03	1/1/2001	gamma-Chlordane	0.18	µg/L		T
TW-03	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-03	1/1/2001	Heptachlor epoxide	0.23	µg/L		T
TW-03	1/1/2001	Iron	24000	µg/L		T
TW-03	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-03	1/1/2001	Laboratory artifacts/#	8	µg/L		T
TW-03	1/1/2001	Lead	7.2	µg/L		T
TW-03	1/1/2001	Magnesium	4600	µg/L		T
TW-03	1/1/2001	Manganese	240	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-03	1/1/2001	Mercury	0.25	µg/L		T
TW-03	1/1/2001	Methylcyclohexane	10	µg/L	U	T
TW-03	1/1/2001	Naphthalene	10	µg/L	U	T
TW-03	1/1/2001	Nickel	120	µg/L		T
TW-03	1/1/2001	Octamethylcyclotetrasiloxane	8	µg/L		T
TW-03	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-03	1/1/2001	Phenol	10	µg/L	U	T
TW-03	1/1/2001	Potassium	3300	µg/L		T
TW-03	1/1/2001	Selenium	4.8	µg/L	U	T
TW-03	1/1/2001	Sodium	16000	µg/L		T
TW-03	1/1/2001	Tetrachloroethene	10	µg/L	U	T
TW-03	1/1/2001	Thallium	6.2	µg/L	U	T
TW-03	1/1/2001	Toluene	10	µg/L	U	T
TW-03	1/1/2001	Trichloroethene	10	µg/L	U	T
TW-03	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-03	1/1/2001	Vanadium	65	µg/L		T
TW-03	1/1/2001	Xylene Total	10	µg/L	U	T
TW-03	1/1/2001	Zinc	200	µg/L		T
TW-03	1/10/2001	Dissolved Oxygen	10.26	mg/l		T
TW-03	1/10/2001	Electrical conductivity *(lab)	149	umhos/cm		T
TW-03	1/10/2001	pH	4.62	SU		T
TW-03	1/10/2001	Temp	16.7	degree C		T
TW-03	1/10/2001	Turbidity	538	NTU		T
TW-04	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-04	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-04	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-04	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-04	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-04	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-04	1/1/2001	Acetone	10	µg/L	U	T
TW-04	1/1/2001	Aldrin + Dieldrin	0.045	µg/L		T
TW-04	1/1/2001	Aluminium	13000	µg/L		T
TW-04	1/1/2001	Antimony	2.5	µg/L	U	T
TW-04	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-04	1/1/2001	Barium	110	µg/L		T
TW-04	1/1/2001	b-BHC	0.051	µg/L		T
TW-04	1/1/2001	Benzene	10	µg/L	U	T
TW-04	1/1/2001	Beryllium	1.8	µg/L	U	T
TW-04	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-04	1/1/2001	Calcium	4600	µg/L		T
TW-04	1/1/2001	Caprolactam	10	µg/L	U	T
TW-04	1/1/2001	chlordane-alpha	0.05	µg/L	U	T
TW-04	1/1/2001	Chloroform	10	µg/L	U	T
TW-04	1/1/2001	Chromium (III+VI)	240	µg/L		T
TW-04	1/1/2001	Cobalt	13	µg/L		T
TW-04	1/1/2001	Copper	21	µg/L	U	T
TW-04	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-04	1/1/2001	DDD	0.1	µg/L	U	T
TW-04	1/1/2001	DDT	0.1	µg/L	U	T

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TW-04	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-04	1/1/2001	Dieldrin	0.045	µg/L		T
TW-04	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-04	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-04	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-04	1/1/2001	gamma-Chlordane	0.012	µg/L		T
TW-04	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-04	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
TW-04	1/1/2001	Iron	34000	µg/L		T
TW-04	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-04	1/1/2001	Laboratory artifacts/#	14	µg/L		T
TW-04	1/1/2001	Lead	6.8	µg/L		T
TW-04	1/1/2001	Magnesium	3200	µg/L		T
TW-04	1/1/2001	Manganese	700	µg/L		T
TW-04	1/1/2001	Mercury	0.1	µg/L	U	T
TW-04	1/1/2001	Methylcyclohexane	10	µg/L	U	T
TW-04	1/1/2001	Naphthalene	10	µg/L	U	T
TW-04	1/1/2001	Nickel	120	µg/L		T
TW-04	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-04	1/1/2001	Phenol	10	µg/L	U	T
TW-04	1/1/2001	Potassium	7100	µg/L		T
TW-04	1/1/2001	Selenium	7.8	µg/L	U	T
TW-04	1/1/2001	Sodium	25000	µg/L		T
TW-04	1/1/2001	Tetrachloroethene	10	µg/L	U	T
TW-04	1/1/2001	Thallium	6.2	µg/L	U	T
TW-04	1/1/2001	Toluene	10	µg/L	U	T
TW-04	1/1/2001	Trichloroethene	10	µg/L	U	T
TW-04	1/1/2001	Trichlorofluoromethane	2	µg/L		T
TW-04	1/1/2001	Vanadium	37	µg/L	U	T
TW-04	1/1/2001	Xylene Total	10	µg/L	U	T
TW-04	1/1/2001	Zinc	80	µg/L		T
TW-04	1/11/2001	Dissolved Oxygen	10.5	mg/l		T
TW-04	1/11/2001	Electrical conductivity *(lab)	160	umhos/cm		T
TW-04	1/11/2001	pH	4.89	SU		T
TW-04	1/11/2001	Temp	18.7	degree C		T
TW-05	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-05	1/1/2001	1-(2,5-Dimethylphe ethanone	2	µg/L		T
TW-05	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-05	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-05	1/1/2001	1,2,4,5-Tetramethyl benzene	30	µg/L		T
TW-05	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-05	1/1/2001	1,3-Diethyl benzene	3	µg/L		T
TW-05	1/1/2001	1-Ethyl-1,3-dimethylbenzene	18	µg/L		T
TW-05	1/1/2001	1-Ethyl-2,3-dimethylbenzene	6	µg/L		T
TW-05	1/1/2001	1-Methyl-2-ethyl benzene	11	µg/L		T
TW-05	1/1/2001	1-Methyl-3-ethyl benzene	6	µg/L		T
TW-05	1/1/2001	1-Methyl-4 ethyl benzene	6	µg/L		T
TW-05	1/1/2001	1-Methylnaphthalene	10	µg/L		T
TW-05	1/1/2001	1-Propenylbenzene	6	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-05	1/1/2001	2,4,6-Trimethylbenzoic acid	7	µg/L		T
TW-05	1/1/2001	2-Methylnaphthalene	8	µg/L		T
TW-05	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-05	1/1/2001	4-Iodomesitylene	3	µg/L		T
TW-05	1/1/2001	Acetone	10	µg/L	U	T
TW-05	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-05	1/1/2001	Aluminium	4600	µg/L		T
TW-05	1/1/2001	Antimony	2.5	µg/L	U	T
TW-05	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-05	1/1/2001	Barium	52	µg/L		T
TW-05	1/1/2001	b-BHC	0.37	µg/L	U	T
TW-05	1/1/2001	Benzene	150	µg/L		T
TW-05	1/1/2001	Beryllium	0.85	µg/L	U	T
TW-05	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-05	1/1/2001	Calcium	7300	µg/L		T
TW-05	1/1/2001	Caprolactam	10	µg/L	U	T
TW-05	1/1/2001	chlordane-alpha	0.05	µg/L	U	T
TW-05	1/1/2001	Chloroform	10	µg/L	U	T
TW-05	1/1/2001	Chromium (III+VI)	130	µg/L		T
TW-05	1/1/2001	Cobalt	5.1	µg/L		T
TW-05	1/1/2001	Copper	5.7	µg/L	U	T
TW-05	1/1/2001	Cyclohexane	62	µg/L		T
TW-05	1/1/2001	DDD	0.042	µg/L		T
TW-05	1/1/2001	DDT	0.1	µg/L	U	T
TW-05	1/1/2001	DDT+DDE+DDD	0.142	µg/L		T
TW-05	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-05	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-05	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-05	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-05	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-05	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-05	1/1/2001	Heptachlor epoxide	0.05	µg/L	U	T
TW-05	1/1/2001	Iron	8000	µg/L		T
TW-05	1/1/2001	Isopropylbenzene	5	µg/L		T
TW-05	1/1/2001	Laboratory artifacts/#	10	µg/L		T
TW-05	1/1/2001	Lead	2.2	µg/L		T
TW-05	1/1/2001	Magnesium	4100	µg/L		T
TW-05	1/1/2001	Manganese	480	µg/L		T
TW-05	1/1/2001	Mercury	0.1	µg/L	U	T
TW-05	1/1/2001	Methylcyclohexane	28	µg/L		T
TW-05	1/1/2001	Naphthalene	34	µg/L		T
TW-05	1/1/2001	Nickel	83	µg/L		T
TW-05	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-05	1/1/2001	Phenol	3	µg/L		T
TW-05	1/1/2001	Potassium	4400	µg/L		T
TW-05	1/1/2001	Selenium	4.8	µg/L	U	T
TW-05	1/1/2001	Sodium	34000	µg/L		T
TW-05	1/1/2001	Substituted benzenes/#	5	µg/L		T
TW-05	1/1/2001	Tetrachloroethene	5	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-05	1/1/2001	Thallium	6.2	µg/L	U	T
TW-05	1/1/2001	Toluene	10	µg/L	U	T
TW-05	1/1/2001	Trichloroethene	1	µg/L		T
TW-05	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-05	1/1/2001	Trimethylbenzene	7	µg/L		T
TW-05	1/1/2001	Unknown Compound	180	µg/L		T
TW-05	1/1/2001	Unknown alcohol	24	µg/L		T
TW-05	1/1/2001	Vanadium	7.4	µg/L	U	T
TW-05	1/1/2001	Xylene Total	33	µg/L		T
TW-05	1/1/2001	Zinc	44	µg/L		T
TW-05	1/11/2001	Dissolved Oxygen	8.07	mg/l		T
TW-05	1/11/2001	Electrical conductivity *(lab)	238	umhos/cm		T
TW-05	1/11/2001	pH	4.41	SU		T
TW-05	1/11/2001	Temp	19.7	degree C		T
TW-05	1/11/2001	Turbidity	352	NTU		T
TW-06	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-06	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-06	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-06	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-06	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-06	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-06	1/1/2001	Acetone	10	µg/L	U	T
TW-06	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-06	1/1/2001	Aluminium	3100	µg/L		T
TW-06	1/1/2001	Antimony	2.5	µg/L	U	T
TW-06	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-06	1/1/2001	Barium	130	µg/L		T
TW-06	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-06	1/1/2001	Benzene	10	µg/L	U	T
TW-06	1/1/2001	Beryllium	0.71	µg/L	U	T
TW-06	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-06	1/1/2001	Calcium	17000	µg/L		T
TW-06	1/1/2001	Caprolactam	10	µg/L	U	T
TW-06	1/1/2001	chlordan-alpha	0.05	µg/L	U	T
TW-06	1/1/2001	Chloroform	10	µg/L	U	T
TW-06	1/1/2001	Chromium (III+VI)	220	µg/L		T
TW-06	1/1/2001	Cobalt	9	µg/L		T
TW-06	1/1/2001	Copper	9.5	µg/L		T
TW-06	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-06	1/1/2001	DDD	0.1	µg/L	U	T
TW-06	1/1/2001	DDT	0.1	µg/L	U	T
TW-06	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-06	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-06	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-06	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-06	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-06	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-06	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-06	1/1/2001	Heptachlor epoxide	0.009	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-06	1/1/2001	Iron	9200	µg/L		T
TW-06	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-06	1/1/2001	Laboratory artifacts/#	43	µg/L		T
TW-06	1/1/2001	Lead	6.4	µg/L		T
TW-06	1/1/2001	Magnesium	42000	µg/L		T
TW-06	1/1/2001	Manganese	1800	µg/L		T
TW-06	1/1/2001	Mercury	0.14	µg/L	U	T
TW-06	1/1/2001	Methylcyclohexane	10	µg/L	U	T
TW-06	1/1/2001	Naphthalene	10	µg/L	U	T
TW-06	1/1/2001	Nickel	120	µg/L		T
TW-06	1/1/2001	Octamethylcyclotetrasiloxane	29	µg/L		T
TW-06	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-06	1/1/2001	Phenol	10	µg/L	U	T
TW-06	1/1/2001	Potassium	5600	µg/L		T
TW-06	1/1/2001	Selenium	4.87	µg/L	U	T
TW-06	1/1/2001	Sodium	24000	µg/L		T
TW-06	1/1/2001	Tetrachloroethene	10	µg/L	U	T
TW-06	1/1/2001	Thallium	6.2	µg/L	U	T
TW-06	1/1/2001	Toluene	10	µg/L	U	T
TW-06	1/1/2001	Trichloroethene	7	µg/L		T
TW-06	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-06	1/1/2001	Vanadium	11	µg/L		T
TW-06	1/1/2001	Xylene Total	10	µg/L	U	T
TW-06	1/1/2001	Zinc	26	µg/L		T
TW-06	1/12/2001	Dissolved Oxygen	11.46	mg/l		T
TW-06	1/12/2001	Electrical conductivity *(lab)	254	umhos/cm		T
TW-06	1/12/2001	pH	5.21	SU		T
TW-06	1/12/2001	Temp	17.4	degree C		T
TW-06	1/12/2001	Turbidity	191	NTU		T
TW-07	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-07	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-07	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-07	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-07	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-07	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-07	1/1/2001	Acetone	10	µg/L	U	T
TW-07	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-07	1/1/2001	Aluminium	4800	µg/L		T
TW-07	1/1/2001	Antimony	2.5	µg/L	U	T
TW-07	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-07	1/1/2001	Barium	220	µg/L		T
TW-07	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-07	1/1/2001	Benzene	10	µg/L	U	T
TW-07	1/1/2001	Beryllium	0.95	µg/L	U	T
TW-07	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-07	1/1/2001	Calcium	14000	µg/L		T
TW-07	1/1/2001	Caprolactam	10	µg/L	U	T
TW-07	1/1/2001	chlordan-alpha	0.05	µg/L	U	T
TW-07	1/1/2001	Chloroform	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-07	1/1/2001	Chromium (III+VI)	180	µg/L		T
TW-07	1/1/2001	Cobalt	15	µg/L		T
TW-07	1/1/2001	Copper	13	µg/L		T
TW-07	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-07	1/1/2001	DDD	0.1	µg/L	U	T
TW-07	1/1/2001	DDT	0.1	µg/L	U	T
TW-07	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-07	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-07	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-07	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-07	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-07	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-07	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-07	1/1/2001	Heptachlor epoxide	0.1	µg/L	U	T
TW-07	1/1/2001	Iron	14000	µg/L		T
TW-07	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-07	1/1/2001	Laboratory artifacts/#	36	µg/L		T
TW-07	1/1/2001	Lead	4.6	µg/L		T
TW-07	1/1/2001	Magnesium	4500	µg/L		T
TW-07	1/1/2001	Manganese	810	µg/L		T
TW-07	1/1/2001	Mercury	0.1	µg/L	U	T
TW-07	1/1/2001	Methylcyclohexane	10	µg/L	U	T
TW-07	1/1/2001	Naphthalene	10	µg/L	U	T
TW-07	1/1/2001	Nickel	99	µg/L		T
TW-07	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-07	1/1/2001	Phenol	10	µg/L	U	T
TW-07	1/1/2001	Potassium	5000	µg/L		T
TW-07	1/1/2001	Selenium	4.8	µg/L	U	T
TW-07	1/1/2001	Sodium	23000	µg/L		T
TW-07	1/1/2001	Tetrachloroethene	39	µg/L		T
TW-07	1/1/2001	Thallium	6.2	µg/L	U	T
TW-07	1/1/2001	Toluene	10	µg/L	U	T
TW-07	1/1/2001	Trichloroethene	6	µg/L		T
TW-07	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-07	1/1/2001	Unknown Compound	4	µg/L		T
TW-07	1/1/2001	Vanadium	16	µg/L		T
TW-07	1/1/2001	Xylene Total	10	µg/L	U	T
TW-07	1/1/2001	Zinc	120	µg/L		T
TW-07	1/12/2001	Dissolved Oxygen	11.99	mg/l		T
TW-07	1/12/2001	Electrical conductivity *(lab)	232	umhos/cm		T
TW-07	1/12/2001	pH	4.7	SU		T
TW-07	1/12/2001	Temp	17.4	degree C		T
TW-07	1/12/2001	Turbidity	334	NTU		T
TW-08	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-08	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-08	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-08	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-08	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-08	1/1/2001	2-Methylphenol	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-08	1/1/2001	Acetone	10	µg/L	U	T
TW-08	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-08	1/1/2001	Aluminium	2400	µg/L		T
TW-08	1/1/2001	Aluminium	4200	µg/L		T
TW-08	1/1/2001	Antimony	2.5	µg/L	U	T
TW-08	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-08	1/1/2001	Barium	320	µg/L		T
TW-08	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-08	1/1/2001	Benzene	3	µg/L		T
TW-08	1/1/2001	Beryllium	0.73	µg/L	U	T
TW-08	1/1/2001	Beryllium	0.89	µg/L	U	T
TW-08	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-08	1/1/2001	Calcium	21000	µg/L		T
TW-08	1/1/2001	Calcium	22000	µg/L		T
TW-08	1/1/2001	Caprolactam	10	µg/L	U	T
TW-08	1/1/2001	chlordan-alpha	0.05	µg/L	U	T
TW-08	1/1/2001	Chloroform	10	µg/L	U	T
TW-08	1/1/2001	Chromium (III+VI)	120	µg/L		T
TW-08	1/1/2001	Chromium (III+VI)	130	µg/L		T
TW-08	1/1/2001	Cobalt	5.8	µg/L		T
TW-08	1/1/2001	Cobalt	7.7	µg/L		T
TW-08	1/1/2001	Copper	7.6	µg/L		T
TW-08	1/1/2001	Copper	9.8	µg/L		T
TW-08	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-08	1/1/2001	DDD	0.1	µg/L	U	T
TW-08	1/1/2001	DDT	0.1	µg/L	U	T
TW-08	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-08	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-08	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-08	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-08	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-08	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-08	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-08	1/1/2001	Heptachlor epoxide	0.1	µg/L	U	T
TW-08	1/1/2001	Iron	9300	µg/L		T
TW-08	1/1/2001	Iron	14000	µg/L		T
TW-08	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-08	1/1/2001	Laboratory artifacts/#	19	µg/L		T
TW-08	1/1/2001	Laboratory artifacts/#	35	µg/L		T
TW-08	1/1/2001	Lead	4.1	µg/L		T
TW-08	1/1/2001	Lead	6.2	µg/L		T
TW-08	1/1/2001	Magnesium	5600	µg/L		T
TW-08	1/1/2001	Magnesium	5800	µg/L		T
TW-08	1/1/2001	Manganese	450	µg/L		T
TW-08	1/1/2001	Manganese	570	µg/L		T
TW-08	1/1/2001	Mercury	0.1	µg/L	U	T
TW-08	1/1/2001	Methylcyclohexane	10	µg/L	U	T
TW-08	1/1/2001	Naphthalene	10	µg/L	U	T
TW-08	1/1/2001	Nickel	63	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-08	1/1/2001	Nickel	68	µg/L		T
TW-08	1/1/2001	Octamethylcyclotetrasiloxane	21	µg/L		T
TW-08	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-08	1/1/2001	Phenol	10	µg/L	U	T
TW-08	1/1/2001	Potassium	4700	µg/L		T
TW-08	1/1/2001	Potassium	4800	µg/L		T
TW-08	1/1/2001	Selenium	4.8	µg/L	U	T
TW-08	1/1/2001	Sodium	18000	µg/L		T
TW-08	1/1/2001	Tetrachloroethene	31	µg/L		T
TW-08	1/1/2001	Tetrachloroethene	39	µg/L		T
TW-08	1/1/2001	Thallium	6.2	µg/L	U	T
TW-08	1/1/2001	Toluene	10	µg/L	U	T
TW-08	1/1/2001	Trichloroethene	10	µg/L	U	T
TW-08	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-08	1/1/2001	Unknown Compound	3	µg/L		T
TW-08	1/1/2001	Vanadium	11	µg/L		T
TW-08	1/1/2001	Vanadium	18	µg/L		T
TW-08	1/1/2001	Xylene Total	10	µg/L	U	T
TW-08	1/1/2001	Zinc	79	µg/L		T
TW-08	1/1/2001	Zinc	98	µg/L		T
TW-08	1/13/2001	Dissolved Oxygen	7.88	mg/l		T
TW-08	1/13/2001	Electrical conductivity *(lab)	270	umhos/cm		T
TW-08	1/13/2001	pH	4.79	SU		T
TW-08	1/13/2001	Temp	18.7	degree C		T
TW-08	1/13/2001	Turbidity	272	NTU		T
TW-09	1/1/2001	(3-and/or 4-)Methylphenol	19	µg/L		T
TW-09	1/1/2001	1,1-Biphenyl	1	µg/L		T
TW-09	1/1/2001	1,1-Dichloroethene	500	µg/L	U	T
TW-09	1/1/2001	1,2,3-Trimethylbenzene	710	µg/L		T
TW-09	1/1/2001	1,2,4,5-Tetramethyl benzene	63	µg/L		T
TW-09	1/1/2001	1,2,4-Trimethylbenzene (2 isomers)	120	µg/L		T
TW-09	1/1/2001	1,2-Dichloroethene	500	µg/L	U	T
TW-09	1/1/2001	1,2-Propadienylbenzene	26	µg/L		T
TW-09	1/1/2001	1-Ethyl-2,3-dimethylbenzene	29	µg/L		T
TW-09	1/1/2001	1-Methyl-2-ethyl benzene	240	µg/L		T
TW-09	1/1/2001	1-Methyl-2-propylbenzene	14	µg/L		T
TW-09	1/1/2001	1-Methyl-3-ethyl benzene	26	µg/L		T
TW-09	1/1/2001	1-Methyl-3-propylbenzene	34	µg/L		T
TW-09	1/1/2001	1-Methylnaphthalene	32	µg/L		T
TW-09	1/1/2001	2,3-Dihydro-4-methyl 1H-indene	42	µg/L		T
TW-09	1/1/2001	2-Ethyl-1,4-dimethylbenzene	42	µg/L		T
TW-09	1/1/2001	2-Methylnaphthalene	52	µg/L		T
TW-09	1/1/2001	2-Methylphenol	13	µg/L		T
TW-09	1/1/2001	Acetone	500	µg/L	U	T
TW-09	1/1/2001	Aldrin + Dieldrin	0.025	µg/L		T
TW-09	1/1/2001	Aluminium	16000	µg/L		T
TW-09	1/1/2001	Antimony	2.5	µg/L	U	T
TW-09	1/1/2001	Arsenic	13	µg/L		T
TW-09	1/1/2001	Barium	510	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-09	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-09	1/1/2001	Benzene	4500	µg/L		T
TW-09	1/1/2001	Beryllium	2.2	µg/L	U	T
TW-09	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-09	1/1/2001	Calcium	55000	µg/L		T
TW-09	1/1/2001	Caprolactam	10	µg/L	U	T
TW-09	1/1/2001	chlordane-alpha	0.05	µg/L	U	T
TW-09	1/1/2001	Chloroform	500	µg/L	U	T
TW-09	1/1/2001	Chromium (III+VI)	370	µg/L		T
TW-09	1/1/2001	Cobalt	24	µg/L		T
TW-09	1/1/2001	Copper	37	µg/L		T
TW-09	1/1/2001	Cyclohexane	80	µg/L		T
TW-09	1/1/2001	Cyclopropylbenzene	14	µg/L		T
TW-09	1/1/2001	DDD	0.1	µg/L	U	T
TW-09	1/1/2001	DDT	0.019	µg/L		T
TW-09	1/1/2001	DDT+DDE+DDD	0.119	µg/L		T
TW-09	1/1/2001	Dieldrin	0.025	µg/L		T
TW-09	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-09	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-09	1/1/2001	Ethylbenzene	780	µg/L		T
TW-09	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-09	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-09	1/1/2001	Heptachlor epoxide	0.1	µg/L	U	T
TW-09	1/1/2001	Indane	170	µg/L		T
TW-09	1/1/2001	Iron	89000	µg/L		T
TW-09	1/1/2001	Isopropylbenzene	500	µg/L	U	T
TW-09	1/1/2001	Laboratory artifacts/#	1000	µg/L		T
TW-09	1/1/2001	Lead	29	µg/L		T
TW-09	1/1/2001	Magnesium	19000	µg/L		T
TW-09	1/1/2001	Manganese	14000	µg/L		T
TW-09	1/1/2001	Mercury	0.16	µg/L	U	T
TW-09	1/1/2001	Methylcyclohexane	500	µg/L	U	T
TW-09	1/1/2001	Naphthalene	230	µg/L		T
TW-09	1/1/2001	Nickel	170	µg/L		T
TW-09	1/1/2001	Octamethylcyclotetrasiloxane	1000	µg/L		T
TW-09	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-09	1/1/2001	Phenol	50	µg/L		T
TW-09	1/1/2001	Potassium	9300	µg/L		T
TW-09	1/1/2001	Selenium	4.8	µg/L	U	T
TW-09	1/1/2001	Sodium	33000	µg/L		T
TW-09	1/1/2001	Substituted benzenes/#	68	µg/L		T
TW-09	1/1/2001	Tetrachloroethene	500	µg/L	U	T
TW-09	1/1/2001	Thallium	11	µg/L		T
TW-09	1/1/2001	Toluene	3800	µg/L		T
TW-09	1/1/2001	Trichloroethene	500	µg/L	U	T
TW-09	1/1/2001	Trichlorofluoromethane	500	µg/L	U	T
TW-09	1/1/2001	Unknown Compound	300	µg/L		T
TW-09	1/1/2001	Unknown alcohol	27	µg/L		T
TW-09	1/1/2001	Vanadium	96	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-09	1/1/2001	Xylene Total	2300	µg/L		T
TW-09	1/1/2001	Zinc	130	µg/L		T
TW-09	1/13/2001	Dissolved Oxygen	6.35	mg/l		T
TW-09	1/13/2001	Electrical conductivity *(lab)	601	umhos/cm		T
TW-09	1/13/2001	pH	6.17	SU		T
TW-09	1/13/2001	Temp	20.3	degree C		T
TW-09	1/13/2001	Turbidity	250	NTU		T
TW-10	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-10	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-10	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-10	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-10	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-10	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-10	1/1/2001	Acetone	10	µg/L	U	T
TW-10	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-10	1/1/2001	Aluminium	4600	µg/L		T
TW-10	1/1/2001	Antimony	2.5	µg/L	U	T
TW-10	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-10	1/1/2001	Barium	200	µg/L		T
TW-10	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-10	1/1/2001	Benzene	10	µg/L	U	T
TW-10	1/1/2001	Beryllium	1	µg/L	U	T
TW-10	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-10	1/1/2001	Calcium	14000	µg/L		T
TW-10	1/1/2001	Caprolactam	10	µg/L	U	T
TW-10	1/1/2001	chlordane-alpha	0.05	µg/L	U	T
TW-10	1/1/2001	Chloroform	10	µg/L	U	T
TW-10	1/1/2001	Chromium (III+VI)	110	µg/L		T
TW-10	1/1/2001	Cobalt	2.1	µg/L		T
TW-10	1/1/2001	Copper	10	µg/L		T
TW-10	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-10	1/1/2001	DDD	0.1	µg/L	U	T
TW-10	1/1/2001	DDT	0.1	µg/L	U	T
TW-10	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-10	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-10	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-10	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-10	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-10	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-10	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-10	1/1/2001	Heptachlor epoxide	0.1	µg/L	U	T
TW-10	1/1/2001	Iron	8300	µg/L		T
TW-10	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-10	1/1/2001	Laboratory artifacts/#	13	µg/L		T
TW-10	1/1/2001	Lead	2.3	µg/L		T
TW-10	1/1/2001	Magnesium	4400	µg/L		T
TW-10	1/1/2001	Manganese	180	µg/L		T
TW-10	1/1/2001	Mercury	0.1	µg/L	U	T
TW-10	1/1/2001	Methylcyclohexane	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-10	1/1/2001	Naphthalene	10	µg/L	U	T
TW-10	1/1/2001	Nickel	72	µg/L		T
TW-10	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-10	1/1/2001	Phenol	10	µg/L	U	T
TW-10	1/1/2001	Potassium	4700	µg/L		T
TW-10	1/1/2001	Selenium	5.1	µg/L		T
TW-10	1/1/2001	Sodium	20000	µg/L		T
TW-10	1/1/2001	Tetrachloroethene	10	µg/L	U	T
TW-10	1/1/2001	Thallium	6.2	µg/L	U	T
TW-10	1/1/2001	Toluene	10	µg/L	U	T
TW-10	1/1/2001	Trichloroethene	10	µg/L	U	T
TW-10	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-10	1/1/2001	Vanadium	7.2	µg/L		T
TW-10	1/1/2001	Xylene Total	10	µg/L	U	T
TW-10	1/1/2001	Zinc	170	µg/L		T
TW-10	1/14/2001	Dissolved Oxygen	8.64	mg/l		T
TW-10	1/14/2001	Electrical conductivity *(lab)	212	umhos/cm		T
TW-10	1/14/2001	pH	4.92	SU		T
TW-10	1/14/2001	Temp	19.4	degree C		T
TW-10	1/14/2001	Turbidity	250	NTU		T
TW-11	1/1/2001	(2-Methylpropyl)benzene	24	µg/L		T
TW-11	1/1/2001	(3-and/or 4-)Methylphenol	30	µg/L	U	T
TW-11	1/1/2001	1,1-Biphenyl	30	µg/L	U	T
TW-11	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-11	1/1/2001	1,1-Dimethylpropylbenzene	14	µg/L		T
TW-11	1/1/2001	1,2,3-Trimethylbenzene	450	µg/L		T
TW-11	1/1/2001	1,2,3-Trimethylcyclopentene	69	µg/L		T
TW-11	1/1/2001	1,2,4,5-Tetramethyl benzene	140	µg/L		T
TW-11	1/1/2001	1,2,4,5-Tetramethyl benzene	150	µg/L		T
TW-11	1/1/2001	1,2,4-Trimethylbenzene (2 isomers)	470	µg/L		T
TW-11	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-11	1/1/2001	1,2-Diethylbenzene	14	µg/L		T
TW-11	1/1/2001	1,3-Diethyl benzene	110	µg/L		T
TW-11	1/1/2001	1,3-Diethyl benzene	380	µg/L		T
TW-11	1/1/2001	1,3-Dimethylnaphthalene	19	µg/L		T
TW-11	1/1/2001	1,4-Dimethyl-2-(1-methyl)benzene	39	µg/L		T
TW-11	1/1/2001	1-Ethyl-2,3-dimethylbenzene	110	µg/L		T
TW-11	1/1/2001	1-Ethyl-2,3-dimethylbenzene	140	µg/L		T
TW-11	1/1/2001	1-Ethyl-2,4-dimethylbenzene	88	µg/L		T
TW-11	1/1/2001	1-Methyl-2-(2-propene) benzene	140	µg/L		T
TW-11	1/1/2001	1-Methyl-2-ethyl benzene	45	µg/L		T
TW-11	1/1/2001	1-Methyl-2-ethyl benzene	100	µg/L		T
TW-11	1/1/2001	1-Propenylbenzene	140	µg/L		T
TW-11	1/1/2001	2,3-Dihydro-1-methylindene	76	µg/L		T
TW-11	1/1/2001	2,3-Dihydro-4-methyl 1H-indene	55	µg/L		T
TW-11	1/1/2001	2,3-Dihydro-4-methyl 1H-indene	290	µg/L		T
TW-11	1/1/2001	2,6-Dimethylnaphthalene	16	µg/L		T
TW-11	1/1/2001	2-Ethyl-1,4-dimethylbenzene	240	µg/L		T
TW-11	1/1/2001	2-Methyl-1-butenyl benzene	51	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-11	1/1/2001	2-Methylnaphthalene	23	µg/L		T
TW-11	1/1/2001	2-Methylnaphthalene	85	µg/L		T
TW-11	1/1/2001	2-Methylphenol	30	µg/L	U	T
TW-11	1/1/2001	4-Methyl-2-pentene, (E)	42	µg/L		T
TW-11	1/1/2001	Acetone	10	µg/L	U	T
TW-11	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-11	1/1/2001	Aluminium	13000	µg/L		T
TW-11	1/1/2001	Antimony	2.5	µg/L	U	T
TW-11	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-11	1/1/2001	Barium	340	µg/L		T
TW-11	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-11	1/1/2001	Benzene	10	µg/L	U	T
TW-11	1/1/2001	Beryllium	4.5	µg/L	U	T
TW-11	1/1/2001	Bis(2-ethylhexyl) phthalate	30	µg/L	U	T
TW-11	1/1/2001	Brominated hydrocarbon	160	µg/L		T
TW-11	1/1/2001	Calcium	24000	µg/L		T
TW-11	1/1/2001	Caprolactam	30	µg/L	U	T
TW-11	1/1/2001	chlordane-alpha	0.05	µg/L	U	T
TW-11	1/1/2001	Chloroform	10	µg/L	U	T
TW-11	1/1/2001	Chromium (III+VI)	230	µg/L		T
TW-11	1/1/2001	Cobalt	12	µg/L		T
TW-11	1/1/2001	Copper	47	µg/L		T
TW-11	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-11	1/1/2001	DDD	0.1	µg/L	U	T
TW-11	1/1/2001	DDT	0.1	µg/L	U	T
TW-11	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-11	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-11	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-11	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-11	1/1/2001	Ethylbenzene	58	µg/L		T
TW-11	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-11	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-11	1/1/2001	Heptachlor epoxide	0.1	µg/L	U	T
TW-11	1/1/2001	Iron	100000	µg/L		T
TW-11	1/1/2001	Isopropylbenzene	32	µg/L		T
TW-11	1/1/2001	Isopropylbenzene	39	µg/L		T
TW-11	1/1/2001	Lead	88	µg/L		T
TW-11	1/1/2001	Magnesium	19000	µg/L		T
TW-11	1/1/2001	Manganese	1300	µg/L		T
TW-11	1/1/2001	Mercury	0.17	µg/L	U	T
TW-11	1/1/2001	Methylcyclohexane	94	µg/L		T
TW-11	1/1/2001	Naphthalene	21	µg/L		T
TW-11	1/1/2001	Nickel	110	µg/L		T
TW-11	1/1/2001	n-Propylbenzene	170	µg/L		T
TW-11	1/1/2001	Pentamethylbenzene	16	µg/L		T
TW-11	1/1/2001	Phenanthrene	3	µg/L		T
TW-11	1/1/2001	Phenol	30	µg/L	U	T
TW-11	1/1/2001	Potassium	8200	µg/L		T
TW-11	1/1/2001	sec-Butylbenzene	33	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-11	1/1/2001	Selenium	6.4	µg/L		T
TW-11	1/1/2001	Sodium	60000	µg/L		T
TW-11	1/1/2001	Substituted benzenes/#	140	µg/L		T
TW-11	1/1/2001	Substituted benzenes/#	580	µg/L		T
TW-11	1/1/2001	Substituted phenol	71	µg/L		T
TW-11	1/1/2001	Sulfur, Mol (S8)	120	µg/L		T
TW-11	1/1/2001	Tetrachloroethene	10	µg/L	U	T
TW-11	1/1/2001	Thallium	11	µg/L		T
TW-11	1/1/2001	Toluene	10	µg/L	U	T
TW-11	1/1/2001	Trichloroethene	10	µg/L	U	T
TW-11	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-11	1/1/2001	Unknown Compound	43	µg/L		T
TW-11	1/1/2001	Unknown Compound	1700	µg/L		T
TW-11	1/1/2001	Unknown alkene	60	µg/L		T
TW-11	1/1/2001	Vanadium	43	µg/L		T
TW-11	1/1/2001	Xylene Total	22	µg/L		T
TW-11	1/1/2001	Zinc	210	µg/L		T
TW-11	1/14/2001	Dissolved Oxygen	7.63	mg/l		T
TW-11	1/14/2001	Electrical conductivity *(lab)	578	umhos/cm		T
TW-11	1/14/2001	pH	5.62	SU		T
TW-11	1/14/2001	Temp	20.4	degree C		T
TW-11	1/14/2001	Turbidity	170	NTU		T
TW-12	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-12	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-12	1/1/2001	1,1-Dichloroethene	10	µg/L	U	T
TW-12	1/1/2001	1,2-Dichloroethene	10	µg/L	U	T
TW-12	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-12	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-12	1/1/2001	Acetone	10	µg/L	U	T
TW-12	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-12	1/1/2001	Aluminium	1800	µg/L		T
TW-12	1/1/2001	Antimony	2.5	µg/L	U	T
TW-12	1/1/2001	Arsenic	4.2	µg/L	U	T
TW-12	1/1/2001	Barium	100	µg/L		T
TW-12	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-12	1/1/2001	Benzene	10	µg/L	U	T
TW-12	1/1/2001	Beryllium	1.4	µg/L	U	T
TW-12	1/1/2001	Bis(2-ethylhexyl) phtalate	10	µg/L	U	T
TW-12	1/1/2001	Calcium	9400	µg/L		T
TW-12	1/1/2001	Caprolactam	10	µg/L	U	T
TW-12	1/1/2001	chlordane-alpha	0.05	µg/L	U	T
TW-12	1/1/2001	Chloroform	10	µg/L	U	T
TW-12	1/1/2001	Chromium (III+VI)	29	µg/L		T
TW-12	1/1/2001	Cobalt	17	µg/L		T
TW-12	1/1/2001	Copper	8.1	µg/L		T
TW-12	1/1/2001	Cyclohexane	10	µg/L	U	T
TW-12	1/1/2001	DDD	0.1	µg/L	U	T
TW-12	1/1/2001	DDT	0.1	µg/L	U	T
TW-12	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-12	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-12	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-12	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-12	1/1/2001	Ethylbenzene	10	µg/L	U	T
TW-12	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-12	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-12	1/1/2001	Heptachlor epoxide	0.1	µg/L	U	T
TW-12	1/1/2001	Iron	14000	µg/L		T
TW-12	1/1/2001	Isopropylbenzene	10	µg/L	U	T
TW-12	1/1/2001	Laboratory artifacts/#	21	µg/L		T
TW-12	1/1/2001	Lead	2.7	µg/L		T
TW-12	1/1/2001	Magnesium	3600	µg/L		T
TW-12	1/1/2001	Manganese	330	µg/L		T
TW-12	1/1/2001	Mercury	0.1	µg/L	U	T
TW-12	1/1/2001	Methylcyclohexane	10	µg/L	U	T
TW-12	1/1/2001	Naphthalene	10	µg/L	U	T
TW-12	1/1/2001	Nickel	19	µg/L		T
TW-12	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-12	1/1/2001	Phenol	10	µg/L	U	T
TW-12	1/1/2001	Potassium	3000	µg/L		T
TW-12	1/1/2001	Selenium	4.8	µg/L	U	T
TW-12	1/1/2001	Sodium	11000	µg/L		T
TW-12	1/1/2001	Tetrachloroethene	10	µg/L	U	T
TW-12	1/1/2001	Thallium	6.2	µg/L	U	T
TW-12	1/1/2001	Toluene	10	µg/L	U	T
TW-12	1/1/2001	Trichloroethene	10	µg/L	U	T
TW-12	1/1/2001	Trichlorofluoromethane	10	µg/L	U	T
TW-12	1/1/2001	Unknown Compound	2	µg/L		T
TW-12	1/1/2001	Vanadium	15	µg/L		T
TW-12	1/1/2001	Xylene Total	10	µg/L	U	T
TW-12	1/1/2001	Zinc	200	µg/L		T
TW-12	1/15/2001	Dissolved Oxygen	7.95	mg/l		T
TW-12	1/15/2001	Electrical conductivity *(lab)	160	umhos/cm		T
TW-12	1/15/2001	pH	5.32	SU		T
TW-12	1/15/2001	Temp	18.9	degree C		T
TW-12	1/15/2001	Turbidity	638	NTU		T
TW-13	1/1/2001	(3-and/or 4-)Methylphenol	10	µg/L	U	T
TW-13	1/1/2001	1,1-Biphenyl	10	µg/L	U	T
TW-13	1/1/2001	1,1-Dichloroethene	20	µg/L	U	T
TW-13	1/1/2001	1,2-Dichloroethene	20	µg/L	U	T
TW-13	1/1/2001	2-Methylnaphthalene	10	µg/L	U	T
TW-13	1/1/2001	2-Methylphenol	10	µg/L	U	T
TW-13	1/1/2001	Acetone	20	µg/L	U	T
TW-13	1/1/2001	Aldrin + Dieldrin	0.1	µg/L	U	T
TW-13	1/1/2001	Aluminium	9800	µg/L		T
TW-13	1/1/2001	Aluminium	14000	µg/L		T
TW-13	1/1/2001	Antimony	2.8	µg/L		T
TW-13	1/1/2001	Antimony	4.1	µg/L		T
TW-13	1/1/2001	Arsenic	14	µg/L		T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-13	1/1/2001	Arsenic	18	µg/L		T
TW-13	1/1/2001	Barium	180	µg/L		T
TW-13	1/1/2001	Barium	230	µg/L		T
TW-13	1/1/2001	b-BHC	0.05	µg/L	U	T
TW-13	1/1/2001	Benzene	20	µg/L	U	T
TW-13	1/1/2001	Beryllium	8	µg/L		T
TW-13	1/1/2001	Beryllium	8.3	µg/L		T
TW-13	1/1/2001	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-13	1/1/2001	Calcium	13000	µg/L		T
TW-13	1/1/2001	Calcium	14000	µg/L		T
TW-13	1/1/2001	Caprolactam	10	µg/L	U	T
TW-13	1/1/2001	chlordane-alpha	0.05	µg/L	U	T
TW-13	1/1/2001	Chloroform	20	µg/L	U	T
TW-13	1/1/2001	Chromium (III+VI)	170	µg/L		T
TW-13	1/1/2001	Chromium (III+VI)	210	µg/L		T
TW-13	1/1/2001	Cobalt	24	µg/L		T
TW-13	1/1/2001	Cobalt	27	µg/L		T
TW-13	1/1/2001	Copper	17	µg/L		T
TW-13	1/1/2001	Copper	22	µg/L		T
TW-13	1/1/2001	Cyclohexane	20	µg/L	U	T
TW-13	1/1/2001	DDD	0.1	µg/L	U	T
TW-13	1/1/2001	DDT	0.1	µg/L	U	T
TW-13	1/1/2001	DDT+DDE+DDD	0.2	µg/L	U	T
TW-13	1/1/2001	Dieldrin	0.1	µg/L	U	T
TW-13	1/1/2001	Endosulfan	0.1	µg/L	U	T
TW-13	1/1/2001	Endrin ketone	0.1	µg/L	U	T
TW-13	1/1/2001	Ethylbenzene	20	µg/L	U	T
TW-13	1/1/2001	gamma-Chlordane	0.05	µg/L	U	T
TW-13	1/1/2001	g-BHC (Lindane)	0.05	µg/L	U	T
TW-13	1/1/2001	Heptachlor epoxide	0.1	µg/L	U	T
TW-13	1/1/2001	Iron	150000	µg/L		T
TW-13	1/1/2001	Isopropylbenzene	20	µg/L	U	T
TW-13	1/1/2001	Laboratory artifacts/#	67	µg/L		T
TW-13	1/1/2001	Laboratory artifacts/#	160	µg/L		T
TW-13	1/1/2001	Lead	8.3	µg/L		T
TW-13	1/1/2001	Lead	12	µg/L		T
TW-13	1/1/2001	Magnesium	4700	µg/L		T
TW-13	1/1/2001	Magnesium	5000	µg/L		T
TW-13	1/1/2001	Manganese	1100	µg/L		T
TW-13	1/1/2001	Manganese	1200	µg/L		T
TW-13	1/1/2001	Mercury	0.014	µg/L	U	T
TW-13	1/1/2001	Mercury	14	µg/L	U	T
TW-13	1/1/2001	Methylcyclohexane	20	µg/L	U	T
TW-13	1/1/2001	Naphthalene	10	µg/L	U	T
TW-13	1/1/2001	Nickel	75	µg/L		T
TW-13	1/1/2001	Nickel	84	µg/L		T
TW-13	1/1/2001	Octamethylcyclotetrasiloxane	60	µg/L		T
TW-13	1/1/2001	Phenanthrene	10	µg/L	U	T
TW-13	1/1/2001	Phenol	10	µg/L	U	T

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-13	1/1/2001	Potassium	4600	µg/L	U	T
TW-13	1/1/2001	Potassium	5000	µg/L		T
TW-13	1/1/2001	Selenium	8.7	µg/L		T
TW-13	1/1/2001	Selenium	9.3	µg/L		T
TW-13	1/1/2001	Sodium	32000	µg/L		T
TW-13	1/1/2001	Sodium	63000	µg/L		T
TW-13	1/1/2001	Tetrachloroethene	300	µg/L		T
TW-13	1/1/2001	Tetrachloroethene	340	µg/L		T
TW-13	1/1/2001	Thallium	20	µg/L		T
TW-13	1/1/2001	Thallium	21	µg/L		T
TW-13	1/1/2001	Toluene	20	µg/L	U	T
TW-13	1/1/2001	Trichloroethene	20	µg/L	U	T
TW-13	1/1/2001	Trichlorofluoromethane	20	µg/L	U	T
TW-13	1/1/2001	Unknown Compound	8	µg/L		T
TW-13	1/1/2001	Unknown Compound	9	µg/L		T
TW-13	1/1/2001	Vanadium	75	µg/L		T
TW-13	1/1/2001	Vanadium	83	µg/L		T
TW-13	1/1/2001	Xylene Total	20	µg/L	U	T
TW-13	1/1/2001	Zinc	120	µg/L		T
TW-13	1/1/2001	Zinc	140	µg/L		T
TW-13	1/15/2001	Dissolved Oxygen	6.7	mg/l		T
TW-13	1/15/2001	Electrical conductivity *(lab)	303	umhos/cm		T
TW-13	1/15/2001	pH	5.06	SU		T
TW-13	1/15/2001	Temp	20.1	degree C		T
TW-13	1/15/2001	Turbidity	299	NTU		T
TW-14	1/1/2002	Alkalinity (Bicarbonate as CaCO3)	14	mg/L		T
TW-14	1/1/2002	Ammonia	0.061	mg/L		T
TW-14	1/1/2002	Chloride	20	mg/L		T
TW-14	1/1/2002	Nitrate (as N)	4.6	mg/L		T
TW-14	1/1/2002	Sulphate	1100	mg/L		T
TW-14	1/1/2002	TOC	1.2	mg/L		T
TW-14	2/1/2002	1,2-dichloropropane	4.2	µg/L		T
TW-14	2/1/2002	Acetone	25	µg/L	U	T
TW-14	2/1/2002	Aluminium	400	µg/L		F
TW-14	2/1/2002	Aluminium	11000	µg/L		T
TW-14	2/1/2002	Antimony	3.1	µg/L	U	F
TW-14	2/1/2002	Antimony	3.1	µg/L	U	T
TW-14	2/1/2002	Arsenic	2.6	µg/L	U	F
TW-14	2/1/2002	Arsenic	4.1	µg/L		T
TW-14	2/1/2002	Barium	40	µg/L		F
TW-14	2/1/2002	Barium	140	µg/L		T
TW-14	2/1/2002	Benzene	1	µg/L	U	T
TW-14	2/1/2002	Benzo(b)fluoranthene	10	µg/L	U	T
TW-14	2/1/2002	Beryllium	0.48	µg/L	U	F
TW-14	2/1/2002	Beryllium	1.6	µg/L	U	T
TW-14	2/1/2002	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-14	2/1/2002	Calcium	11000	µg/L		F
TW-14	2/1/2002	Calcium	14000	µg/L		T
TW-14	2/1/2002	Chlorodibromomethane	0.6	µg/L		T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-14	2/1/2002	Chloroform	19	µg/L		T
TW-14	2/1/2002	Chromium (hexavalent)	10	µg/L	U	T
TW-14	2/1/2002	Chromium (III+VI)	1.3	µg/L		F
TW-14	2/1/2002	Chromium (III+VI)	29	µg/L		T
TW-14	2/1/2002	Chrysene	10	µg/L	U	T
TW-14	2/1/2002	cis-1,2-Dichloroethene	1	µg/L	U	T
TW-14	2/1/2002	Cobalt	6	µg/L		F
TW-14	2/1/2002	Cobalt	15	µg/L		T
TW-14	2/1/2002	Copper	17	µg/L		F
TW-14	2/1/2002	Copper	40	µg/L		T
TW-14	2/1/2002	Fluoranthene	10	µg/L	U	T
TW-14	2/1/2002	Iron	290	µg/L		F
TW-14	2/1/2002	Iron	11000	µg/L		T
TW-14	2/1/2002	Lead	1.9	µg/L	U	F
TW-14	2/1/2002	Lead	11	µg/L		T
TW-14	2/1/2002	Magnesium	2500	µg/L		F
TW-14	2/1/2002	Magnesium	4200	µg/L		T
TW-14	2/1/2002	Manganese	130	µg/L		F
TW-14	2/1/2002	Manganese	380	µg/L		T
TW-14	2/1/2002	Mercury	0.1	µg/L	U	F
TW-14	2/1/2002	Mercury	0.1	µg/L	U	T
TW-14	2/1/2002	Methyl Ethyl Ketone	25	µg/L	U	T
TW-14	2/1/2002	MTBE	1.9	µg/L		T
TW-14	2/1/2002	Nickel	12	µg/L		F
TW-14	2/1/2002	Nickel	27	µg/L		T
TW-14	2/1/2002	Phenanthrene	10	µg/L	U	T
TW-14	2/1/2002	Phenol	10	µg/L	U	T
TW-14	2/1/2002	Potassium	3300	µg/L		F
TW-14	2/1/2002	Potassium	3800	µg/L		T
TW-14	2/1/2002	Pyrene	10	µg/L	U	T
TW-14	2/1/2002	Selenium	2.5	µg/L	U	F
TW-14	2/1/2002	Selenium	2.5	µg/L	U	T
TW-14	2/1/2002	Sodium	17000	µg/L		F
TW-14	2/1/2002	Sodium	18000	µg/L		T
TW-14	2/1/2002	Tetrachloroethene	29	µg/L		T
TW-14	2/1/2002	Thallium	4.3	µg/L	U	F
TW-14	2/1/2002	Thallium	4.4	µg/L	U	T
TW-14	2/1/2002	Trichloroethene	1	µg/L	U	T
TW-14	2/1/2002	Vanadium	1.5	µg/L	U	F
TW-14	2/1/2002	Vanadium	18	µg/L		T
TW-14	2/1/2002	Zinc	47	µg/L		F
TW-14	2/1/2002	Zinc	100	µg/L		T
TW-14	2/14/2002	Dissolved Oxygen	7.57	mg/l		T
TW-14	2/14/2002	Electrical conductivity *(lab)	165	umhos/cm		T
TW-14	2/14/2002	Ferrous Iron	0	mg/l	U	T
TW-14	2/14/2002	ORP	205	millivolts		T
TW-14	2/14/2002	pH	5.57	SU		T
TW-14	2/14/2002	Temp	17.7	degree C		T
TW-14	2/14/2002	Turbidity	191	NTU		T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-15	1/1/2002	Alkalinity (Bicarbonate as CaCO3)	24	mg/L		T
TW-15	1/1/2002	Ammonia	0.12	mg/L		T
TW-15	1/1/2002	Chloride	10	mg/L		T
TW-15	1/1/2002	Ethane	0.84	µg/L		T
TW-15	1/1/2002	Ethene	0.89	µg/L		T
TW-15	1/1/2002	Methane	12	µg/L		T
TW-15	1/1/2002	Nitrate (as N)	3	mg/L		T
TW-15	1/1/2002	Sulphate	2400	mg/L		T
TW-15	1/1/2002	TOC	2.7	mg/L		T
TW-15	2/1/2002	1,2-dichloropropane	0.62	µg/L		T
TW-15	2/1/2002	2-Propanol	10	µg/L		T
TW-15	2/1/2002	Acetone	63	µg/L	U	T
TW-15	2/1/2002	Aluminium	160	µg/L		F
TW-15	2/1/2002	Aluminium	96000	µg/L		T
TW-15	2/1/2002	Antimony	3.1	µg/L	U	F
TW-15	2/1/2002	Antimony	3.1	µg/L	U	T
TW-15	2/1/2002	Arsenic	2.6	µg/L	U	F
TW-15	2/1/2002	Arsenic	36	µg/L		T
TW-15	2/1/2002	Barium	33	µg/L		F
TW-15	2/1/2002	Barium	640	µg/L		T
TW-15	2/1/2002	Benzene	1	µg/L	U	T
TW-15	2/1/2002	Benzo(b)fluoranthene	10	µg/L	U	T
TW-15	2/1/2002	Beryllium	0.37	µg/L	U	F
TW-15	2/1/2002	Beryllium	13	µg/L		T
TW-15	2/1/2002	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-15	2/1/2002	Calcium	8300	µg/L		F
TW-15	2/1/2002	Calcium	20000	µg/L		T
TW-15	2/1/2002	Chlorodibromomethane	1	µg/L	U	T
TW-15	2/1/2002	Chloroform	13	µg/L		T
TW-15	2/1/2002	Chromium (hexavalent)	10	µg/L	U	T
TW-15	2/1/2002	Chromium (III+VI)	1	µg/L	U	F
TW-15	2/1/2002	Chromium (III+VI)	270	µg/L		T
TW-15	2/1/2002	Chrysene	10	µg/L	U	T
TW-15	2/1/2002	cis-1,2-Dichloroethene	1	µg/L	U	T
TW-15	2/1/2002	Cobalt	19	µg/L		F
TW-15	2/1/2002	Cobalt	140	µg/L		T
TW-15	2/1/2002	Copper	1.2	µg/L	U	F
TW-15	2/1/2002	Copper	130	µg/L		T
TW-15	2/1/2002	Fluoranthene	10	µg/L	U	T
TW-15	2/1/2002	Iron	100	µg/L		F
TW-15	2/1/2002	Iron	160000	µg/L		T
TW-15	2/1/2002	Lead	1.9	µg/L		F
TW-15	2/1/2002	Lead	100	µg/L		T
TW-15	2/1/2002	Magnesium	2700	µg/L		F
TW-15	2/1/2002	Magnesium	9500	µg/L		T
TW-15	2/1/2002	Manganese	1400	µg/L		F
TW-15	2/1/2002	Manganese	6900	µg/L		T
TW-15	2/1/2002	Mercury	0.1	µg/L	U	F
TW-15	2/1/2002	Mercury	0.37	µg/L		T

APPENDIX G

Historical Groundwater Sample Results

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Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-15	2/1/2002	Methyl Ethyl Ketone	13	µg/L	U	T
TW-15	2/1/2002	MTBE	1	µg/L	U	T
TW-15	2/1/2002	Nickel	44	µg/L		F
TW-15	2/1/2002	Nickel	160	µg/L		T
TW-15	2/1/2002	Phenanthrene	10	µg/L	U	T
TW-15	2/1/2002	Phenol	10	µg/L	U	T
TW-15	2/1/2002	Potassium	3000	µg/L		F
TW-15	2/1/2002	Potassium	7300	µg/L		T
TW-15	2/1/2002	Pyrene	10	µg/L	U	T
TW-15	2/1/2002	Selenium	2.6	µg/L		F
TW-15	2/1/2002	Selenium	4.3	µg/L		T
TW-15	2/1/2002	Sodium	13000	µg/L		F
TW-15	2/1/2002	Sodium	16000	µg/L		T
TW-15	2/1/2002	Tetrachloroethene	1	µg/L	U	T
TW-15	2/1/2002	Thallium	4.3	µg/L	U	F
TW-15	2/1/2002	Thallium	8	µg/L		T
TW-15	2/1/2002	Trichloroethene	1	µg/L	U	T
TW-15	2/1/2002	Vanadium	1.5	µg/L	U	F
TW-15	2/1/2002	Vanadium	220	µg/L		T
TW-15	2/1/2002	Zinc	72	µg/L		F
TW-15	2/1/2002	Zinc	460	µg/L		T
TW-15	2/14/2002	Dissolved Oxygen	3.92	mg/l		T
TW-15	2/14/2002	Electrical conductivity *(lab)	131	umhos/cm		T
TW-15	2/14/2002	ORP	125	millivolts		T
TW-15	2/14/2002	pH	5.14	SU		T
TW-15	2/14/2002	Temp	21.1	degree C		T
TW-15	2/14/2002	Turbidity	78	NTU		T
TW-16	1/1/2002	Alkalinity (Bicarbonate as CaCO3)	75	mg/L		T
TW-16	1/1/2002	Ammonia	0.58	mg/L		T
TW-16	1/1/2002	Chloride	9	mg/L		T
TW-16	1/1/2002	Ethane	2.6	µg/L	U	T
TW-16	1/1/2002	Ethene	2.6	µg/L	U	T
TW-16	1/1/2002	Methane	14	µg/L		T
TW-16	1/1/2002	Nitrate (as N)	0.3	mg/L		T
TW-16	1/1/2002	TOC	3.1	mg/L		T
TW-16	2/1/2002	1,2-dichloropropane	1.1	µg/L		T
TW-16	2/1/2002	Acetone	25	µg/L	U	T
TW-16	2/1/2002	Aluminium	89	µg/L		F
TW-16	2/1/2002	Aluminium	23000	µg/L		T
TW-16	2/1/2002	Antimony	3.1	µg/L	U	F
TW-16	2/1/2002	Antimony	3.1	µg/L	U	T
TW-16	2/1/2002	Arsenic	4.4	µg/L		F
TW-16	2/1/2002	Arsenic	22	µg/L		T
TW-16	2/1/2002	Barium	80	µg/L		F
TW-16	2/1/2002	Barium	440	µg/L		T
TW-16	2/1/2002	Benzene	1	µg/L	U	T
TW-16	2/1/2002	Benzo(b)fluoranthene	1.2	µg/L		T
TW-16	2/1/2002	Beryllium	0.2	µg/L	U	F
TW-16	2/1/2002	Beryllium	1.4	µg/L	U	T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-16	2/1/2002	Bis(2-ethylhexyl) phthalate	10	µg/L	U	T
TW-16	2/1/2002	Calcium	23000	µg/L		F
TW-16	2/1/2002	Calcium	26000	µg/L		T
TW-16	2/1/2002	Chlorodibromomethane	1	µg/L	U	T
TW-16	2/1/2002	Chloroform	8.5	µg/L		T
TW-16	2/1/2002	Chromium (hexavalent)	10	µg/L	U	T
TW-16	2/1/2002	Chromium (III+VI)	1	µg/L	U	F
TW-16	2/1/2002	Chromium (III+VI)	73	µg/L		T
TW-16	2/1/2002	Chrysene	1.1	µg/L		T
TW-16	2/1/2002	cis-1,2-Dichloroethene	1	µg/L	U	T
TW-16	2/1/2002	Cobalt	2.9	µg/L		F
TW-16	2/1/2002	Cobalt	16	µg/L		T
TW-16	2/1/2002	Copper	1.5	µg/L		F
TW-16	2/1/2002	Copper	160	µg/L		T
TW-16	2/1/2002	Fluoranthene	2.3	µg/L		T
TW-16	2/1/2002	Iron	2300	µg/L		F
TW-16	2/1/2002	Iron	51000	µg/L		T
TW-16	2/1/2002	Lead	1.9	µg/L	U	F
TW-16	2/1/2002	Lead	320	µg/L		T
TW-16	2/1/2002	Magnesium	5500	µg/L		F
TW-16	2/1/2002	Magnesium	7100	µg/L		T
TW-16	2/1/2002	Manganese	3300	µg/L		F
TW-16	2/1/2002	Manganese	3500	µg/L		T
TW-16	2/1/2002	Mercury	0.1	µg/L	U	F
TW-16	2/1/2002	Mercury	0.4	µg/L		T
TW-16	2/1/2002	Methyl Ethyl Ketone	25	µg/L	U	T
TW-16	2/1/2002	MTBE	1	µg/L	U	T
TW-16	2/1/2002	Nickel	32	µg/L		F
TW-16	2/1/2002	Nickel	190	µg/L		T
TW-16	2/1/2002	Phenanthrene	2.6	µg/L		T
TW-16	2/1/2002	Phenol	10	µg/L	U	T
TW-16	2/1/2002	Potassium	10000	µg/L		F
TW-16	2/1/2002	Potassium	11000	µg/L		T
TW-16	2/1/2002	Pyrene	2.3	µg/L		T
TW-16	2/1/2002	Selenium	2.5	µg/L	U	F
TW-16	2/1/2002	Selenium	2.5	µg/L	U	T
TW-16	2/1/2002	Sodium	15000	µg/L		F
TW-16	2/1/2002	Sodium	16000	µg/L		T
TW-16	2/1/2002	Tetrachloroethene	24	µg/L		T
TW-16	2/1/2002	Thallium	4.3	µg/L	U	F
TW-16	2/1/2002	Thallium	4.6	µg/L		T
TW-16	2/1/2002	Trichloroethene	0.52	µg/L		T
TW-16	2/1/2002	Vanadium	1.5	µg/L	U	F
TW-16	2/1/2002	Vanadium	70	µg/L		T
TW-16	2/1/2002	Zinc	46	µg/L		F
TW-16	2/1/2002	Zinc	460	µg/L		T
TW-16	2/18/2002	Dissolved Oxygen	10.5	mg/l		T
TW-16	2/18/2002	Electrical conductivity *(lab)	250	umhos/cm		T
TW-16	2/18/2002	ORP	4	millivolts		T

APPENDIX G

Historical Groundwater Sample Results

Supplemental Environmental Investigation Report, Downtown Environmental Assessment Project, Montgomery, AL

Station ID	Sample Date	Parameter	Result	Result Unit	Qualifier	Filtered or Total
TW-16	2/18/2002	pH	6.6	SU		T
TW-16	2/18/2002	Temp	19.6	degree C		T
TW-16	2/18/2002	Turbidity	19.3	NTU		T

Notes:

μS/cm = microSiemen(s) per centimeter

ft btc = feet below top of casing

gal = gallon(s)

mg/L = milligram(s) per liter

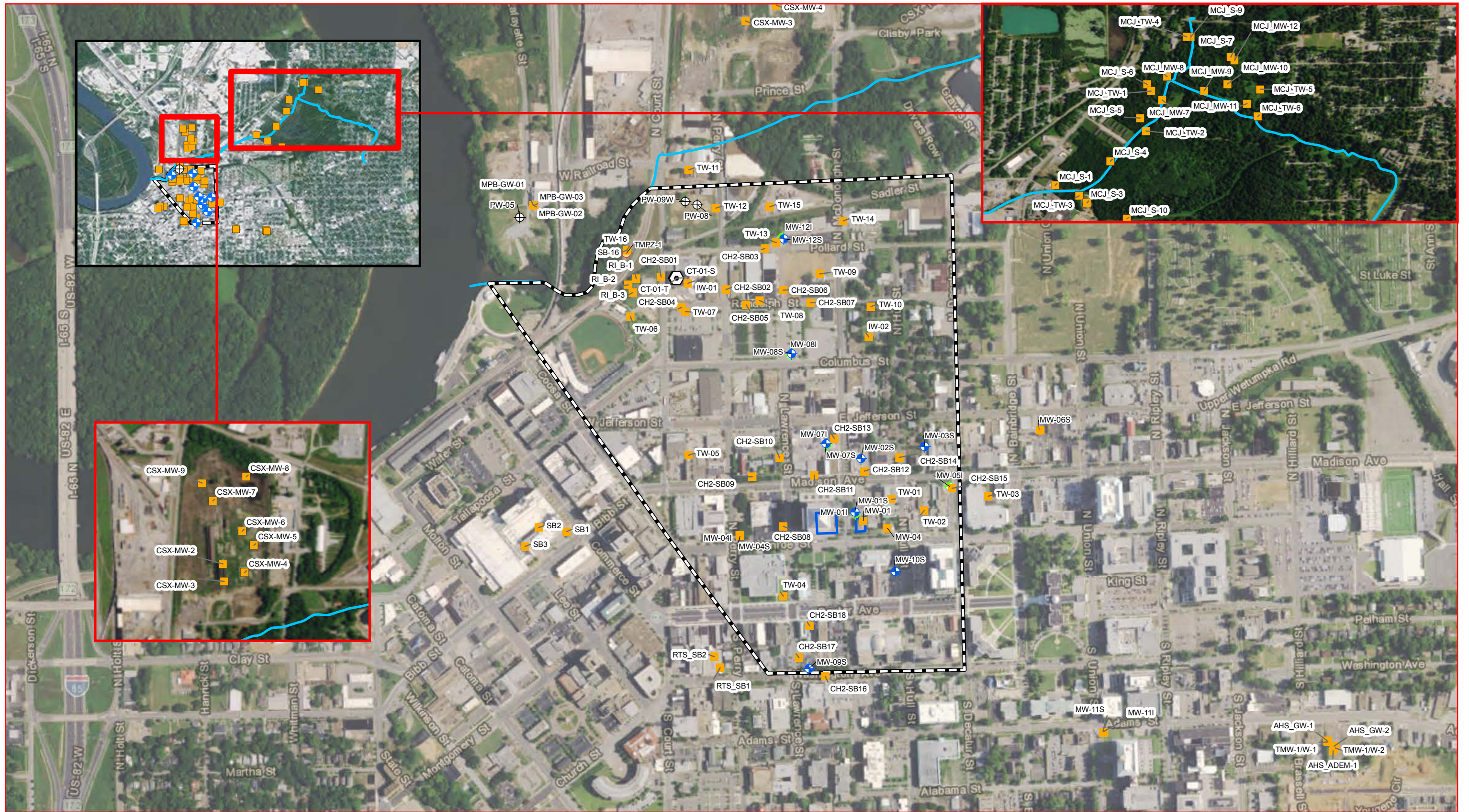
μg/L = microgram(s) per liter

mV = millivolt(s)

NTU = nephelometric turbidity unit

U = not detected

J = estimated



- LEGEND**
- ◆ Shallow Monitoring Well
 - Piezometer
 - ◆ Intermediate Monitoring Well
 - ⊕ Former City Water Supply Well
 - Historical Sample Location
 - RSA Building
 - ⊕ Bus Washing Station
 - ⊕ Site Boundary

Note:
RSA - Retirement Systems of Alabama

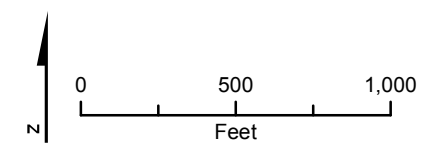


FIGURE G-1
Historical Groundwater Sample Locations
Supplemental Environmental Investigation Report
Downtown Environmental Assessment Project
Montgomery, AL

