Phase II Remedial Investigation Report
Former Copes-Vulcan Facility
601 West Summit Avenue
Charlotte, North Carolina 28203
NCDENR ID# NONCD 000 1097

Submitted to:

The North Carolina Department of Environment and Natural Resources
Division of Waste Management, Inactive Hazardous Sites Branch, Superfund Section
1646 Mail Service Center, Raleigh, NC 27699-1646

Submitted by:

Remediating Party:
Electrolux Home Products, Inc.
20445 Emerald Pkwy. Suite 250, PO Box 35920
Cleveland, Ohio 44135-0920

Registered Environmental Consultant:
The Kelly-Buck Company
2130 Superior Avenue, Suite 3-A
Cleveland, Ohio 44114

PHASE II REMEDIAL INVESTIGATION REPORT
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NORTH CAROLINA

VOLUME 1:

PHASE II REMEDIAL INVESTIGATION REPORT
AND FIGURES

Prepared for:

ELECTROLUX HOME PRODUCTS, INC.
20445 EMERALD PKWY. SUITE 250, PO BOX 35920
CLEVELAND, OHIO 44135-0920

Prepared by:

KELLY-BUCK COMPANY
2130 SUPERIOR AVENUE, SUITE 3-A
CLEVELAND, OHIO 44114

KELLY-BUCK PROJECT NO. 2001.01.07.10

JULY 2006

KELLY-BUCK
COMPANY

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2130 Superior Avenue, Suite 3-A
Cleveland, Ohio 44114
(216) 861-1716

NORTH CAROLINA PROFESSIONAL SEAL 28510 ENGINEER MICHAEL J. LYDEN

7/21/2006

JULY 21, 2006

REMEDIATING PARTY CERTIFICATION STATEMENT (.0306(b)(2)):

"I certify under penalty of law that I have personally examined and am familiar with the information contained in this submittal, including any and all documents accompanying this certification, and that, based on my inquiry of those individuals immediately responsible for obtaining the information, the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

DOUGLAS E. MIX

(Name of Remediating Party Official)

* [illegible] * 7-21-06

(Signature of Remediating Party Official) Date

[redacted]

Ohio (Enter State)

Cuyahoga COUNTY

I, Sandra Coffey, a Notary Public of said County and State, do hereby certify that Douglas E. Mix did personally appear and sign before me this the 21st day of July, 2006.

Sandra Coffey

Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: 6/26/10.

SANDRA COFFEY
Notary Public, State of Ohio, Cuy. Cty.
My Commission Expires June 26, 2010

REGISTERED SITE MANAGER CERTIFICATION STATEMENT (.0306(b)(1)):

"I certify under penalty of law that I am personally familiar with the information contained in this submittal, including any and all supporting documents accompanying this certification, and that the material and information contained herein is, to the best of my knowledge and belief, true, accurate and complete and complies with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq, and the voluntary remedial action program Rules 15A NCAC 13C .0300. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information."

Michael J. Lyden, P.E.
(Name of Registered Site Manager)

* Michael J. Lyden * 7/21/06
(Signature of Registered Site Manager) Date

[redacted]

OH (Enter State)

Cuyahoga COUNTY

I, Maria Teresa Fernandez, a Notary Public of said County and State, do hereby certify that Michael J. Lyden did personally appear and sign before me this the 21 day of July, 2006.

Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: 12/16/09.

NOTARY PUBLIC STATE OF OHIO

MARIA TERESA FERNANDEZ
Notary Public, State of Ohio
My Commission Expires 12-16-2009
Recorded in Cuyahoga County

North Carolina Department of Environment
and Natural Resources
Division of Waste Management
Superfund Section
Inactive Hazardous Sites Branch

REMEDIAL INVESTIGATION COMPLETION CERTIFICATION
15A NCAC 13C.0306(b)(5)(B)

Media (check all that apply): All Media ✓ Soil ___ Ground water ___ Surface water ___ Sediment ___

Site Name: Copes - Vulcan
County: Mecklenburg
Site ID No.: NONCD 000 1097

Street Address: 601 West Summit Ave
Charlotte, NC

The remedial investigation, which is the subject of this certification has, to the best of my knowledge, been completed in compliance with the Inactive Hazardous Sites Response Act G.S. 130A-310, et seq. and the voluntary remedial action program Rules 15A NCAC 13C .0300, and The Kelly-Buck Company is in compliance with Rules .0305(b)(2) and .0305(b)(3), of this section. I am aware that there are significant penalties for willfully submitting false, inaccurate or incomplete information.

RSM Signature: Michael Lyden
Date: 7/21/06

RSM Name: Michael J. Lyden, P.E.

REC Name: The Kelly-Buck Company
Mailing Address: 2130 Superior Ave, #3A

REC No.: 00109
City, State, Zip: Cleveland OH 44114

OH (Enter State)
Cuyahoga COUNTY

I, MARIA TERESA FERNANDEZ, a Notary Public of said County and State, do hereby certify that Michael J Lyden did personally appear and sign before me this the 21 day of July, 2006.

Notary Public (signature)

(OFFICIAL SEAL)

My commission expires: 12/16/09

NOTARY PUBLIC STATE OF OHIO

MARIA TERESA FERNANDEZ
Notary Public, State of Ohio
My Commission Expires 12-16-2009
Recorded in Cuyahoga County

Form G - II

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EXECUTIVE SUMMARY

A remedial investigation has been completed at the former Copes-Vulcan manufacturing facility in Charlotte, North Carolina. This work is part of a voluntary remedial action being implemented at the site by Electrolux Home Products, Inc., under the North Carolina Department of Environment and Natural Resources (NCDENR) Registered Environmental Consultant (REC) program, and pursuant to a July 24, 2003 Administrative Agreement. The Kelly-Buck Company has been assigned to assist Electrolux with implementation of this remedial action.

The primary objective of the remedial investigation was to fully delineate the extent of contamination in soil, ground water, surface water and other environmental media, in excess of the preliminary remediation goals computed for the site. This objective has been achieved; therefore, the remedial investigation is deemed complete.

A substantial amount of work has been completed during the two phases of investigation. The effort has included completion of well over 100 soil borings, installation of over 30 ground-water monitoring wells, collection and laboratory analysis of hundreds of samples of soil, ground water and other environmental media, along with specialized investigative work such as surface geophysical surveying, soil gas surveying, soil vapor sampling, seepage runs in an off-site perennial stream, ground-water sampling for reductive dechlorination screening, and other tasks. The work has been conducted in accordance with the rules and guidelines associated with North Carolina's voluntary remediation program, and with plans and procedures detailed in the project work plans.

The results of this work are detailed in the following report sections and attachments. A summary of findings is as follows:

1. Chlorinated volatile organic compounds, primarily tetrachloroethene, have been released to soil and ground water in three areas of concern. Impacted soil in these areas represents a volume on the order of 20,000 cubic yards. Ground-water impacts extend through the unconsolidated deposits and into underlying fractured bedrock. The extent of ground-water impacts is limited by the presence of a perennial stream located 500 feet downgradient from the site, which acts as a hydrologic discharge boundary.

2. Polychlorinated biphenyls are present in soil, encompassing roughly 75,000 square feet of area in the north-central portion of the property. Most areas of impact are relatively shallow (i.e., several feet), and exhibit concentrations within one to two orders of magnitude of the remediation goal; however, several areas of deeper impact and/or higher concentration have been identified. These compounds have not impacted ground water or surface water.

3. Creosoted wood flooring and base materials cover approximately 70,000 square feet of the building, and contain polynuclear aromatic hydrocarbons above remediation goals. Underlying soil has been impacted to a degree, but ground water and surface water have not.

4. Chromium compounds have impacted soil and ground water in a more limited area in the north-central portion of the site.

5. Several additional areas of concern are associated with the presence of minor quantities and/or concentrations of contaminants in soil, but do not appear to represent a significant concern.

6. A preliminary evaluation of potential risks associated with migration of volatile vapors from ground water to occupied buildings was completed. Results indicate that incremental excess cancer risk values were, for the most part, above the target risk defined by the REC program (i.e., 1×10^{-6}), but within the cumulative risk range deemed acceptable when the preferred remedy is not capable of achieving that target risk (i.e., 10^{-4} and 1×10^{-6}).

7. Screening was completed for the presence of reductive dechlorination processes in ground water, to help assess the feasibility of monitored natural attenuation for degradation of chlorinated compounds. Results show adequate to limited evidence in support of this remedial alternative.

8. Searches for potentially sensitive environmental resources, receptors and potable water supplies in the site vicinity were completed; however, none were identified.

9. Public records were reviewed in order to identify properties in the site vicinity with documented releases of hazardous substances. Several such properties were identified, and may be contributing to ground-water and surface-water impacts detected downgradient of the site.

PHASE II REMEDIAL INVESTIGATION REPORT
COPES-VULCAN SITE
601 WEST SUMMIT AVE.
CHARLOTTE, NORTH CAROLINA 28203

1.0 INTRODUCTION

This report describes a Phase II Remedial Investigation (RI) that has been completed at the Copes-Vulcan site located in the City of Charlotte, Mecklenburg County, North Carolina (Figure 1). This work is part of a voluntary remedial action being implemented at the site by Electrolux Home Products, Inc. (Electrolux), pursuant to an Administrative Agreement between Electrolux and the North Carolina Department of Environment and Natural Resources (NCDENR). The effective date of this Agreement is July 24, 2003 (NCDENR, 2003).

This voluntary remedial action is being implemented in accordance with the NCDENR's Registered Environmental Consultant (REC) Program; specifically, N.C.G.S. 130A-310.9(c), 15A NCAC 13C .0300, and the NCDENR's REC Program Implementation Guidance. The Kelly-Buck Company is the REC assigned to this project (REC #00109). All RI work has been performed under the supervision and direction of Michael J. Lyden, P.E. (NC #28510), the designated Registered Site Manager (RSM) for this project.

Prior to the current work, a Phase I RI was completed at the site during 2004 and early-2005. A Phase I RI report detailing that work was submitted to the NCDENR on March 30, 2005. A Phase II RI Work Plan Addendum describing the current project phase was then developed and submitted to the NCDENR on June 1, 2005.

The primary objective of the Phase II RI has been to delineate the full extent of contamination previously detected in areas of concern (AOCs) at the site. Specifically, where contaminants were previously detected in environmental media at concentrations exceeding preliminary remediation goals (PRGs), additional assessment was completed to define the limits of contamination. As this objective has been achieved, the RI is now deemed complete.

Additional details pertaining to the objectives and work scope for this project phase, along with information on the site history and results of previous studies, can be found in the following documents previously submitted to the NCDENR: Phase I RI Work Plan (Kelly-Buck, 2004); Phase I RI Report (Kelly-Buck, 2005); Phase II RI Work Plan Addendum (Kelly-Buck, 2005).

2.0 DESCRIPTION OF PHASE II RI WORK

2.1 Overview

The Phase II RI included the following primary tasks:

- Completion of soil borings and test pits and collection and analysis of soil samples to delineate the extent of contamination in the identified areas of concern.
- Drilling and installation of ground-water monitoring wells and collection and analysis of ground-water samples from new and existing wells, to delineate the extent of previously identified ground-water impacts.
- Completion of soil gas surveys and surface geophysical surveys to aid in the selection of soil and ground-water sampling locations.
- Recovery, characterization and disposal of waste containers identified at the site.
- Sampling and analysis of surface water and sediment from on- and off-site locations.
- Sampling and analysis of concrete and wood flooring in the building for constituents of concern.
- Sampling and analysis of soil vapor at selected on-site locations, and assessment of potential risks associated with migration of volatile organic compounds (VOCs) from ground water to occupied buildings.
- Screening for the occurrence of reductive dechlorination biological processes in site ground water, to help evaluate the viability of monitored natural attenuation (MNA) as part of the ground-water remedial action.
- Additional searches for indications of potentially sensitive environmental habitats, receptors and potable water supplies in the site vicinity.
- Surveying of all new soil borings, monitoring wells, surface-water, sediment and soil vapor sampling locations and other features associated with the Phase II RI.
- Characterization and disposal of soil and water generated during Phase II RI site drilling and sampling activities.
- A review of NCDENR file documents to identify properties in the site vicinity with hazardous substance releases, in order to help assess whether the results of off-site surface-water and ground-water assessment could potentially be affected by such releases.

A current site plan and survey of the property is provided as Figure 2. Areas of concern identified and investigated during the Phase II RI are shown on Figure 3; soil borings, monitoring wells and other sampling points associated with the project are indicated on Figures 4, 5 and 6.

All work completed during the Phase II RI was supervised by Mr. Michael Lyden. P.E., the project RSM. Also participating in the Phase II RI work for Kelly-Buck, under Mr. Lyden's direction, were Ms. Jennifer Zavoda, Ms. Sarah Ballog and Mr. Stanley King of Kelly-Buck. Test pit and excavation services were provided by Mr. Dave Austin of Matthews, North Carolina. Drilling services were provided by Geologic Exploration of Statesville, North Carolina. Laboratory analytical work was performed by Pace Analytical Services, Inc. (Huntersville and Asheville, North Carolina and Minneapolis, Minnesota), with additional analytical work provided by

Microseeps Laboratory (Pittsburgh, Pennsylvania) where parameters were required that were not certifiable under 15A NCAC Subchapter 2H .0800. Surveying work was completed by A.G. Zoutewelle Surveyors of Charlotte, North Carolina. Transportation and disposal of soil and water residues were carried out by Shamrock Environmental of Greensboro, North Carolina.

2.2 Work Scope Adjustments

The Phase II RI work scope is described in the Work Plan Addendum. Minor adjustments and variances are summarized in Table 1.

2.3 Subsurface Investigation

Components

The subsurface investigation included drilling and monitoring well installation as well as excavation of test pits for purposes of soil sampling and characterization of subsurface conditions. The following tasks were completed:

- Soil sampling was completed in areas of concern that had not been previously investigated, to determine whether or not any releases of hazardous substances to soil has occurred in these areas.
- For areas of concern that had been previously investigated and found to have releases to soil, additional soil sampling was completed to delineate the horizontal and vertical extent of previously identified soil contamination.
- Additional ground-water monitoring wells were installed in areas of concern where releases to soil had been newly identified, to determine whether ground-water had been impacted by the releases. Specifically, MW-B16-02S was installed in AOC #16 to assess shallow ground-water conditions in the area of boring #B16-02, where soil had exhibited elevated concentrations of several metals; and MW-B21-10I was installed immediately downgradient of AOC #21 to help assess VOC impacts to ground water in that area.
- Ground-water monitoring well MW-BG-B5(XD) was added to the well cluster at location BG-B5 and screened at a depth of approximately 180 feet (ft), or roughly 100 ft below the soil-bedrock interface, to help delineate on-site ground-water impacts.
- Two off-site, deep-interval ground-water monitoring wells were installed to help delineate the limits of off-site ground-water impacts originating on the property. This work was preceded by a detailed analysis of site and regional hydrogeologic conditions and anticipated contaminant transport behavior. Specifically, the “slope-aquifer” conceptual model describing ground-water flow characteristics in the North Carolina Piedmont region was applied to the site (LeGrand, 2004). This model reflects the presence of adjoining sub-watershed areas extending along the valley side-slopes in a larger watershed area, and dissected by a perennial stream. Ground-water recharge occurs in the upland and hill-slope portions of the sub-watershed areas; is stored within the large volume of regolith (soil, fill, saprolite); moves somewhat more rapidly through the more permeable transition zone; occupies and moves more slowly through the less

transmissive fractures in the underlying bedrock; and fully discharges to the perennial stream that forms the downgradient discharge boundary for each sub-watershed area. Using this conceptual model as a basis, and considering the initial off-site surface water sampling data collected along Irwin Creek during baseflow conditions (i.e., a "seepage run"), monitoring wells were located just beyond the Irwin Creek discharge boundary at two locations: one approximately 800 ft directly west (downgradient) of the site, identified as MW-BG-B7D; and one approximately 2,500 ft southwest of the site, representing a downgradient position relative to regional ground-water flow conditions in the Irwin Creek valley (MW-BG-B6D).

Preparation

Prior to the start of drilling and sampling work, the locations of planned test pits and excavations, soil and bedrock borings and monitoring wells identified in the Work Plan were marked in the field. The locations of underground utilities in the vicinity of these drill sites were reviewed to verify an absence of conflicts.

An equipment decontamination enclosure was established to allow for containment and collection of soil and water associated with the steam cleaning of drilling and sampling equipment.

Test Pits & Excavations

Test pits were completed at selected locations for purposes of evaluating potential anomalies identified during the electromagnetic survey, locating buried drums or debris, observing soil characteristics and sampling soil (see Figure 4). Test pits were completed using a backhoe and excavating to a depth of approximately 8 ft. If soil staining or odors were observed, or if debris was encountered, samples were taken from representative areas of the test pit.

Soil samples from test pits were split into two portions for field screening and laboratory analysis. Samples intended for laboratory analysis were placed in laboratory-supplied sample jars, labeled and placed in an ice-filled cooler to maintain a temperature of approximately 4˚C until receipt by the laboratory. Samples collected for field screening were placed in clean glass jars and sealed with foil, labeled and allowed to equilibrate at ambient temperature. A Rae Systems Model MiniRae 2000 photoionization detector (PID), calibrated with 100 part per million (ppm) isobutylene, was then used to measure total VOC concentrations in the headspace of each jar. Measurements were taken by piercing the foil with the PID probe and recording the maximum value (in ppm). Field screening results are included on the logs in Attachment 2.

Soil Drilling & Sampling

Soil and bedrock borings were completed at selected locations for purposes of sampling unconsolidated soil deposits, and for installation of monitoring wells. The borings were completed using one of the following methods: (1) direct-push methods, using an Earthprobe drilling machine

mounted on a small all-terrain vehicle; (2) auger drilling with a truck-mounted hollow-stem auger drilling rig; or (3) percussion air rotary drilling with a truck-mounted air drilling rig.

For soil borings in unconsolidated deposits, soil samples were collected using either a retrievable 4 ft thin-wall steel tube sampler with plastic liners (Earthprobe), or a 2 ft split-spoon sampler (auger rig). Soil samples were inspected and classified in the field using the Unified Soil Classification System (USCS). Soil characteristics such as color, textural classification, moisture content, odor or staining, along with other observations, were recorded on the boring logs (Attachment 2).

After a soil boring was advanced to the planned depth, it was either sealed by filling with a bentonite grout, or was converted to a monitoring well, as described below.

Soil Gas Surveying

Additional soil borings were completed in portions of the site for purposes of sampling soil vapor, in order to help delineate the extent of VOCs in soil. These soil borings were completed using direct-push methods, via an Earthprobe drilling machine. Soil gas survey borings were completed to a depth of approximately 20 ft. The Earthprobe rods were then removed, and clean polyethylene tubing was inserted into the borehole to a depth of 10 ft. A bentonite seal was installed in the upper six inches of the borehole to prevent the entry of ambient air. The tubing was then capped and secured to prevent the escape of soil vapor, until such time as measurements could be taken.

A PID was then attached to the tubing and allowed to extract soil vapor for several minutes, in order to measure the maximum headspace VOC concentration from the boring. A second set of readings was taken a minimum of three hours following the initial set, in order to measure VOCs from surrounding soil that had migrated into the borehole.

After a soil gas boring was sufficiently evaluated, the tubing was removed and discarded, and the borehole was sealed by filling with bentonite grout.

Monitoring Well Design, Installation & Development

A total of five ground-water monitoring wells were installed during the Phase II RI, and included one shallow-interval well, one intermediate-interval well and three deep-interval (i.e., bedrock) wells at selected locations. Monitoring well locations are shown on Figures 4 and 6.

Monitoring wells were designed and constructed according to procedures described in the RI Work Plan and Work Plan Addendum. Details associated with well construction are indicated on the boring and well completion logs (Attachment 2).

For the off-site monitoring wells, permission to proceed with well installation was obtained from the landowner (Mecklenburg County) on September 23, 2005. Also on September 23, 2005, an application was mailed to Ms. Amber Lindon of NCDENR in order to obtain permits for these

wells. This application is awaiting completion, pending receipt of the final access agreement from Mecklenburg County. Copies of the NCDENR application and draft access agreement are included as Attachment 7.

Electromagnetic Surveying

A Geonics model EM31 electromagnetic (EM) survey instrument was used to complete an EM survey in the area west of the main building, as part of the investigation for AOC #14. Several rusted metal drums had been identified and removed from the hillside in the west portion of AOC #14. The EM survey was conducted to look for potential electromagnetic anomalies that might indicate the presence of additional drums or other metallic debris. A survey grid with 50-ft centers was established and mapped, starting from inside the warehouse addition of the main building and extending westward past the fence line. Each 50-ft center was then temporarily marked on the ground for easy visualization during measurements. The EM meter was calibrated by taking measurements at a location on the site believed to be clear of debris, pipes and other metallic objects. The meter was then taken to the survey grid and measurements were taken by walking a path that included all grid points.

All measurements were recorded, and any anomalies noted during the survey were marked both on the site map and, temporarily, on the pavement or grass above the source of the reading. These anomalies were subsequently investigated via test pits and soil borings.

Soil Vapor Intrusion Evaluation

An evaluation of the subsurface vapor intrusion exposure pathway was completed during the Phase II RI, as per the REC program guidelines. The evaluation procedures and results are discussed in Section 3.8 of this report. As part of the overall evaluation, samples of subsurface soil vapor were obtained and analyzed using an active sampling method, as described below.

For the soil vapor sampling, dedicated “implants” were constructed at three locations in the south and southwest portions of the site (points #SV-01, SV-02 and SV-03 – see Figure 2). At each location, a borehole was first advanced to a depth of approximately 5.5 ft using a direct-push drill rig and temporary steel sampling tube. Immediately upon removal of the sampling tube, a small amount of quartz sand (approximately two inches) was placed into the bottom of the bore-hole to provide an anchor point for the sampling assembly. The assembly, consisting of an expendable implant anchor/drive point, a six-inch sampling implant (double woven stainless steel wire screen) and Teflon® tubing was then lowered to a depth of 5.5 ft, and quartz sand was brought up to a depth of 4.5 ft. A bentonite seal was then installed to grade by placing and hydrating granular bentonite. A two-inch PVC pipe was used to create a surface casing to protect the tubing at each location, and the monitoring point was finished with a protective outer cover and concrete pad.

The soil vapor sampling locations were left undisturbed for approximately twenty hours before sampling, to allow for re-establishment of equilibrium in the vadose zone. A Kynar® tee union was

then attached to the sampling assembly to create a connection to the sampling container and provide a means of purging the tubing and implant prior to sampling. One port of the tee connector was attached to the down-hole tubing, one port was attached to a Summa canister, and one port was attached to a luer stopcock. This apparatus permitted the entire tubing system to be purged with a sixty milliliter (mL) syringe. A purge volume of 150 mL was removed prior to sampling. The tubing was then attached at all points (stopcock, down-hole tubing, and Summa canister) and a sampling volume of one liter was removed from the hole and contained in the Summa canister for laboratory analysis.

2.4 Surveying

The site survey was updated to include horizontal and vertical coordinates of new soil borings, ground-water monitoring wells, test pits, soil gas monitoring points, soil vapor monitoring wells, and other sampling points and features associated with the Phase II work. Surveying was completed by A.G. Zoutewelle Surveyors, P.A. (Zoutewelle), a North Carolina licensed surveyor. The final survey document prepared by Zoutewelle is included as Figure 2.

2.5 Ground-Water Assessment

Ground-Water Level Measurements & NAPL Screening

During the Phase II RI, static water levels were measured in each monitoring well on the following occasions: during the period between July 11 and July 14, 2005 (during well purging and sampling); on July 27, 2005; on November 15, 2005 (prior to development of new wells); on March 3, 2006; and on June 20, 2006. Measurements were obtained using a Heron Instruments Model H.01L interface meter or a Heron Instruments Model Dipper-T water level indicator with a stainless steel probe and a 100-ft tape, graduated in hundredths of a foot. In addition to measuring water surface elevation, the Heron interface probe detects light, non-aqueous phase liquid (LNAPL) layers and dense, non-aqueous phase liquid (DNAPL) layers, with a sensitivity of $1/200^{th}$ ft (1 millimeter).

The following information was collected and recorded on the field logs: depth to water below the top of the 2-inch stainless steel well casing; total depth of the well below grade; height of the well casing above or below grade; and indications of LNAPL or DNAPL layers. Between each measurement, the probe and wetted portion of the tape were thoroughly decontaminated by washing in a solution of distilled water and Liqui-nox, followed by rinsing with distilled water. A summary of ground-water level measurements and NAPL screening results is contained in Table 2.

Ground-Water Purging & Sampling

Well purging was completed for each well using one of three methods: (1) a Geotech portable bladder pump fitted with disposable Teflon bladders, new 1/4-inch outside diameter (OD) polyethylene air line tubing and new 3/8-inch OD Teflon-lined polyethylene tubing; (2) a weighted, 1.6-inch OD Teflon bailer and new, non-colored 3/16-inch polyester cord; or, (3) a Solinst Model

410 peristaltic pump fitted with new 3/8-inch OD Teflon-lined polyethylene tubing and 5/8-inch OD silicone tubing. Care was taken during purging to gently raise and lower the bailer, or to pump at a low flow rate, in order to minimize aeration and agitation in the well.

Purged water was collected in clean plastic buckets and transferred to 55-gallon drums for characterization and disposal (see Section 2.10).

Each well was purged until a minimum of three times the volume of water standing in the well had been removed (or until dry). If a well was purged or pumped dry, it was allowed to adequately recover before sampling. Once three volumes had been purged, a minimum of three consecutive readings of the water being purged were obtained for temperature (degrees Celsius, or ˚C), pH (standard units, or S.U.) and specific conductivity (millisiemens per centimeter, or mS/cm) using a Horiba Model U-22 water quality meter. An adequate purge volume was achieved when the temperature, pH and specific conductivity readings were observed to have stabilized (i.e., readings generally within about 10 percent of one other). Sample turbidity (in nephelometric turbidity units, or NTUs), dissolved oxygen (milligrams per liter, or mg/L) and oxidation-reduction potential (millivolts, or mV) were also measured and recorded on the field sampling logs. Once purging was completed, ground-water samples were collected.

At designated wells, sampling for additional parameters was completed for preliminary screening of the reductive dechlorination process (i.e., to evaluate the potential feasibility of monitored natural attenuation or MNA). Sampling for MNA parameters was done prior to sampling for standard REC parameters. At the twelve MNA screening locations, only bladder pumps were used to purge and sample ground water. For these twelve wells, a gas stripping cell was assembled using laboratory-supplied equipment, in order to sample for dissolved gases. A stopper outfitted with inlet tubing, outlet tubing and a Teflon septum was placed in a clean glass vial. The inlet tubing of the vial was connected to the outlet tubing of the bladder pump and water was allowed to flow through the vial. The vial was then placed upside-down and affixed to a stand, where 20 cubic centimeters (cc) of ambient air was injected into the vial through the Teflon septum using a new, clean syringe. Water was then pumped through the cell for approximately 20 to 30 minutes. The pump was stopped and the vial was turned stopper-side up. The syringe was then used to remove 15 cc of air, which was then injected into a pre-labeled VOA vial with a Teflon septum. At this point, the gas stripping cell was disassembled and the remaining MNA screening parameters were sampled from the outlet tubing of the bladder pump (i.e., ferrous iron, volatile fatty acids, carbon dioxide, total organic carbon (TOC), alkalinity, chloride, nitrate, sulfate and sulfide).

After sampling for the MNA screening parameters was completed (or after purging, for non-MNA-screening wells), laboratory-supplied containers were labeled and filled in the following order: metals, cyanide, hexavalent chromium, semivolatile compounds (SVOCs), polychlorinated biphenyls (PCBs) and VOCs. If purging of the well was completed using a bladder pump or dedicated bailer, the respective method was also used for ground-water sampling for all parameters. If purging was completing using a peristaltic pump, the pump was used to collect samples for metals, cyanide, hexavalent chromium and PCBs. Samples for SVOC and VOC analyses were then collected using a clean Teflon bailer and polyester cord. Ground water was bailed or pumped slowly into each container, careful not to displace any preservative in the container. Once sample

containers were filled, they were sealed, placed in a laboratory-supplied cooler and maintained at a temperature of approximately 4°C pending receipt by the laboratory. Proper chain-of-custody procedures were followed for laboratory delivery, as described in the Work Plan.

During purging and sampling, the tubing, bailer and cord were kept clean and away from the ground or other surface. Once sampling was completed, the Teflon and silicone tubing or the Teflon and PE tubing used with each pump was placed in a clean plastic bag, sealed and labeled for possible future use. The bailer and cord were disposed of after each well sampling.

2.6 Surface-Water & Sediment Sampling

The locations for surface-water and sediment sampling are shown on Figures 5 and 6 and are designated as on-site locations SW/SE-01 through SW/SE-08, and off-site locations SW-09 through SW-15. Surface-water sampling commenced on July 15, 2005 with the intent to sample the original eight locations from the Phase I RI, as well as the additional seven off-site locations identified in the Phase II Work Plan. As locations SW-01 through SW-10 were dry, only SW-11 through SW-15 were sampled. An additional round of surface-water sampling was completed on March 2, 2006. During this period, flow was observed and sampled at SW-04, SW-05, SW-09, and SW-11 through SW-15. In addition, the following off-site surface-water locations along Irwin Creek were added during the March 2, 2006 sampling event: SW-11 (A), SW-11 (B), SW-11 (C) and SW-16. These locations were added to help assess the extent of surface-water and ground-water impacts, and to evaluate the potential for contaminant migration from industrial and hazardous waste sites near the Copes-Vulcan property. Surface-water sampling locations are shown on Figure 5.

Surface-water samples were collected by directly filling each laboratory-supplied container, careful not to displace any preservative or disturb stream sediment.

Sediment sampling was completed on September 29, 2005 and March 1, 2006. Samples were collected from seven original locations within the intermittent stream channels on-site, as well as upstream and downstream locations, to delineate contamination at several of the original locations. The original sediment sampling locations are designated as SE-01 through SE-08, which correspond to the original surface-water sampling locations on-site. SE-02 was not re-sampled, as contaminant levels at this location did not exceed either health-based or ground-water protection PRGs.

At all sediment sampling locations where ground-water protection PRGs were exceeded, the location was re-sampled for those parameters, along with applicable Toxicity Characteristic Leaching Procedure (TCLP) analyses. If health-based PRGs were also exceeded, samples were taken at multiple depths at the original location, as well as upstream and downstream, for delineation.

Sediment samples were collected using a pre-cleaned stainless steel scoop, avoiding collection of the first one to two inches of sediment. Each location was then staked and marked for subsequent surveying.

2.7 Concrete and Wood Floor Sampling

On June 19, 2006, samples of concrete and wood flooring from within the main building were collected for analysis, to aid with overall delineation of contamination and remedial action planning. A total of six concrete samples (#CONC-01 through CONC-06) and three wood samples (#WOOD-01 through WOOD-03) were collected and submitted to the laboratory for analysis. Collection methods involved the use of a hammer drill and carbide bit for the concrete, and a portable drill and carpentry bit for the wood. Samples were analyzed for PCBs, and selected samples were also analyzed for TCLP VOCs and/or metals. Sampling locations are shown on Figure 4.

2.8 Laboratory Analysis

All samples of soil, ground water, surface water and sediment collected for analysis were transported to the Pace Analytical Services, Inc. (Pace) facilities in Huntersville and Asheville, North Carolina. Pace is certified under 15A NCAC Subchapter 2H .0800 to perform the analyses required for this project. Some VOC analyses were completed in Pace's Pittsburgh location due to mechanical problems at the Huntersville location (the Pittsburgh location is also certified in North Carolina). Laboratory analytical methods followed those specified in REC program guidelines (15A NCAC 13C .0306 (c)(2)(A)), USEPA SW-846 methods and Pace's Standard Operating Procedures.

Selected ground-water sample analyses were performed by Microseeps Laboratory of Pennsylvania (Microseeps) as part of the MNA screening process. Microseeps was selected to perform analyses only where the applicable parameter and/or analytical method is not certifiable under 15A NCAC Subchapter 2H .0800.

Soil vapor samples were sent to the Pace laboratory in Minneapolis, Minnesota.

Tabulated analytical results for all samples collected during the Phase II RI are included in Attachment 1, the full laboratory reports are found in Attachment 3 and the chain-of custody forms are provided as Attachment 4.

2.9 Reporting of Tentatively Identified Compounds

As no Tentatively Identified Compounds (TICs) found during the Phase I RI met the criteria for inclusion in Phase II work, no additional analyses were performed. However, TIC searches were performed for samples collected in new areas of concern. No new compounds were found in the initial samples collected from the new areas of concern. TIC searches were also performed for samples in areas near B10-05, B10-06 and B14-01, as well as the surface-water and sediment sampling locations, as this was not done during the Phase I RI.

2.10 Management of Residues, Drill Cuttings, Purge Water & Decontamination Water

Investigation-derived residues generated during the project included drill cuttings, drum contents, decontamination water, well development water and well purge water. These residues were collected and transferred to 55-gallon steel drums, which were sealed and stored in a secure on-site location.

In order to ensure proper management and disposal, the residues were characterized in accordance with the following guidelines: (1) *Management of Remediation Waste Under RCRA* (EPA, 1998); and (2) *"Contained-in" Policy for Soil Contaminated with Listed Hazardous Waste* (NCDENR, 2005). The focus of this characterization was to classify the residues as either non-hazardous or hazardous for disposal purposes.

On July 29, August 12, November 14 and November 17 of 2005 and on February 7, April 5 and April 6, 2006, samples of the drummed residues were collected for laboratory analysis. Soil samples were collected using a clean stainless steel sampling probe, and water samples were collected with a clean polyethylene bailer. Samples were placed in laboratory-prepared containers and stored in an iced cooler pending transfer to the laboratory. Samples were analyzed by Pace Analytical for total and/or TCLP-extractable concentrations of the applicable constituents of concern, based on prior analytical results and requirements of the disposal facility. Sample analytical results are summarized in Table 3, and the full laboratory reports are included in Attachment 3.

Results and interpretation associated with the characterization of investigation-derived residue were consistent with those from the earlier Phase I RI work, and are summarized as follows:

<u>No listed hazardous wastes identified:</u> EPA policy states that, in instances where the original disposal occurred prior to the effective date of RCRA land disposal restrictions (1984), or if the original disposal date cannot be determined, it can be assumed that no listed hazardous wastes are involved and land disposal restrictions do not apply (EPA, 1998). Available information indicates that the sources of contamination at the site that could potentially be associated with RCRA listed hazardous wastes (i.e., chromium electroplating, tetrachloroethene degreasing) were present from the late-1940's until the early-1970's (as indicated on a 1956 Whitin Machine Works drawing), but were not present in the 1980's and 1990's (absent on a 1981 Copes-Vulcan drawing).

<u>Analytical results are below Federal and State limits:</u> EPA's "contained-in" policy indicates that environmental media such as soil and ground water are not themselves hazardous waste, but are to be managed as hazardous waste (a) if they exhibit a hazardous waste characteristic; or (b) if they contain listed hazardous waste above health-based levels (to be set by each State). North Carolina's Hazardous Waste Section provides guidelines for managing soil contaminated with listed hazardous waste, including "contained-out" levels for disposal in a municipal solid waste landfill (NCDENR, 2005). Analyses of the drummed residues indicate that they do not exhibit any RCRA hazardous waste characteristics, and do not have constituents present above North Carolina's contained-out levels.

Therefore, on the basis of the above interpretation and sample analytical results, the residues were classified as non-hazardous, and deemed suitable for disposal in a municipal solid waste landfill (soil) and industrial wastewater treatment facility (water). On May 24, 2006, 41 drums of soil were transported to the BFI-CMS municipal solid waste disposal facility in Concord, North Carolina for disposal, and 20 drums of water were transported to Shamrock Environmental Corp. in Greensboro, North Carolina for processing in their permitted wastewater treatment facility. Non-hazardous waste manifests associated with these shipments, along with prior shipments completed during the Phase I RI, are included as Attachment 6.

2.11 Quality Assurance & Quality Control Procedures

Field Procedures

Field quality assurance and quality control (QA/QC) procedures followed during the RI were consistent with those described in the project Work Plan, Sampling and Analytical Plan and Quality Assurance Project Plan. These procedures, in turn, reflect those described in the EPA Region 4 document titled *Environmental Investigations Standard Operating Procedures and Quality Assurance Manual* (EPA, 2001), and procedures described the REC program guidelines. Select REC-mandated field QA/QC procedures are summarized below.

- The REC requires QA/QC samples, including duplicate samples, field equipment rinse blanks and trip blanks, to help assess sampling procedures. A total of 16 field QA/QC samples were prepared and submitted to the laboratory. The targeted frequency of QA/QC samples was one rinse blank and one VOC trip blank per matrix, for every 10 samples collected, and one duplicate sample per day of water sampling. Duplicate samples were not prepared for soil samples, based on the high degree of variability exhibited by this matrix (without homogenizing), and on limited sample volumes in most cases.
- Samples for VOC analysis were collected into separate sample containers without mixing.
- Sampling locations were staked with steel posts and their locations surveyed for future reference.
- All surveying work was performed by a North Carolina-registered land surveyor.
- All samples were assigned a unique identifier code - for example, B4-01 (1.5 ft - 2.0 ft) - to trace samples from collection through laboratory analysis and reporting.
- All samples selected for analysis were placed in the appropriate laboratory containers, labeled with a unique identification number on a label securely fixed to the container, and maintained in iced coolers at approximately 4º C, pending transfer to the laboratory. An entry for each sample was made on the chain-of-custody form, which was signed by the field sampling personnel at the time of sample collection. Sample coolers were kept in the possession of sampling personnel, or when left unattended, were sealed and placed in a locked area. Upon transfer to the laboratory representative, the custody forms were signed by both the courier and the sampling personnel. Completed chain-of-custody forms are included in Attachment 4.

Laboratory Procedures and Data Reporting

Laboratory procedures implemented by Pace Analytical were consistent with SW-846 and other applicable EPA methods, and with procedures detailed in the project Quality Assurance Project Plan (QAPP). In addition, the following procedures were followed to check the integrity of laboratory results.

- In order to corroborate laboratory data with REC guidelines, a checklist system was developed and used to verify proper procedures. The checklist identified items required in each laboratory report, per REC guidelines. Each item was checked as completed, notes or comments were added, and if necessary, corrective actions were taken.
- The REC requires that the names and qualifications of all analysts involved with project samples, as well as the laboratory officers, be listed in laboratory reports. In each report, the initials of the analysts were provided next to each analyte. These initials were later compiled into a separate list, and the list was then correlated to the names and qualifications located in the Pace Quality Assurance manuals. Updated manuals are obtained when available and the correlated list was verified through the Pace QA officer.
- Another REC requirement states that all laboratory data must be organized into tables to summarize results. The final tables were checked by hand against each official laboratory report, to ensure that the integrity of the data was maintained.
- All Pace laboratory reports contain footnotes listing factors that may have affected the validity of the data. Each report was reviewed by hand and footnoted samples were compiled into a list. All footnoted samples were reviewed and decisions were made as to the validity of the data.
- Finally, each laboratory report was reviewed, page by page, to ensure that hold times were achieved for all samples. Any sample that was analyzed outside of hold time was flagged and reviewed, and decisions were made as to the validity of the data.

3.0 RESULTS

3.1 Summary of Environmental Setting

Following is a summary of the physical and environmental characteristics associated with the site and surrounding area. Additional information can be found in the Remedial Investigation Work Plan and the Phase I Remedial Investigation Report (Kelly-Buck, 2004 and 2005). Also, an updated hydrogeologic cross-section, which includes information from new on-site and off-site wells, is provided as Figure 7.

- The site involves a 19 acre parcel of land in central Charlotte, first developed in the 1940's, and utilized for industrial manufacturing purposes until the early-1990's.
- Areas surrounding the site represent a mixture of other industrial properties (to the north and east), along with residential and park properties (to the south and west).
- Approximately two-thirds of the site has been cleared, paved and otherwise developed for industrial purposes, including placement of fill materials and construction of a 185,000 sq ft manufacturing building. The rear (west) portion of the site is relatively undeveloped, wooded land.
- The site slopes moderately from east to west, with a steep slope in the west-central portion of the property, at the rear of the fill area. Two ephemeral- or intermittent-flowing drainage features convey surface runoff and baseflow from upstream and on-site areas to Irwin Creek, a south-flowing perennial stream located approximately 500 ft west of the site.
- Subsurface conditions are characterized by the presence of variable thicknesses of unconsolidated deposits overlying igneous bedrock. In the east portion of the site, the unconsolidated deposits are on the order of 20 to 40 ft in thickness, and are predominantly comprised of clayey silt soil and saprolite. The central portion of the site exhibits 50 to 100 ft of unconsolidated deposits, including clayey silt soil and saprolite, overlain in most areas by roughly 10 to 30 ft of fill materials. The fill materials are reported to have originated at construction sites in the Charlotte area, and were brought on-site between the 1940's and 1970's to permit the construction of building additions. Where encountered, the fill has been observed to be a heterogeneous mixture of silt and clay soil, saprolite, rock fragments, concrete, brick and asphalt.
- Ground water in the site vicinity occurs in both the unconsolidated deposits and the underlying bedrock. Because of the fine-grained nature of the unconsolidated deposits, ground-water movement through this interval is relatively slow. An exception to this tends to occur in the "transition zone," an interval between the highly weathered saprolitic soils and the indurated, or competent, bedrock. In the transition zone, highly fractured but partially intact bedrock layers are present, often interspersed with lower permeability saprolite layers. This tends to create zones of greater hydraulic conductivity, particularly where highly fractured rock is present. The competent bedrock underlying these unconsolidated deposits is predominantly granites and granitoids, which exhibit a moderate degree of fracturing and jointing in the upper 20 to 40 ft, becoming less fractured with increasing depth. Ground-water flow in the bedrock occurs only in these fractured intervals.
- Ground-water flow across the site is from east to west, generally following the topography and surface water drainage patterns, and consistent with the slope-aquifer hydrogeologic model for

the Piedmont Region of North Carolina (LeGrand, 2004). Specifically, the site is situated in a sub-watershed area referred to as a flow compartment. This flow compartment is bounded by South Tryon Blvd. to the east (upgradient, or recharge boundary) and Irwin Creek to the west (downgradient, or discharge boundary). Precipitation falling on-site moves vertically downward through the vadose zone, or unsaturated portion of the unconsolidated deposits. Upon reaching the water table (generally at 10 to 30 ft below grade), water continues to move vertically downward, as well as laterally toward the discharge boundary at Irwin Creek. Essentially all groundwater entering this flow compartment discharges to Irwin Creek, as similar flow compartments are present along parallel flow paths to the north and south, as well as those on the opposite side of, and flowing eastward toward, Irwin Creek.

3.2 Preliminary Remediation Goals

Site-specific preliminary remediation goals (PRGs) were computed for the Phase I Remedial Investigation report (Kelly-Buck, 2005) using procedures described in the REC program guidelines. Updated PRGs were calculated for the Phase II RI, as well as PRGs for additional contaminants found during the Phase II work. These values are listed in Table 4.

3.3 Laboratory Analytical Data

Laboratory analytical results associated with soil, sediment, surface-water, ground-water, soil vapor and other Phase II RI samples are summarized in the data tables found in Attachment 1. Full laboratory reports associated with these samples, along with laboratory quality assurance and quality control (QA/QC) documentation, are included in Attachment 3. Results are discussed in the following report sections.

3.4 Discussion of Results in Areas of Concern

A total of 21 areas of concern (AOCs) have been identified and investigated at the site during the pre-RI assessments and RI phases. For five of the areas, no contamination was identified during the initial investigation, and they were removed from the list of AOCs. These include AOCs #5, 7, 8 and 9, all of which involve former locations of solvent degreasers, and AOC #17, which involves an air compressor area. Of the remaining 16 AOCs, some had been partially or fully investigated during the Phase I RI, and required little or no work during the Phase II RI, while others underwent more extensive investigation. Following is a description of the work completed in those areas during the Phase II RI. Refer to Figures 14 through 56 for additional details on the delineation of impacts associated with various areas of concern, and for the site as a whole.

AOC #1 (Chip Hopper)

AOC #1 is an area north of the main manufacturing building where metal turnings or “chips” from manufacturing activities were stored and handled. Previous work indicated the presence of the

following constituents in soil above preliminary remediation goals (PRGs): chlorinated volatile organic compounds (CVOCs), primarily tetrachloroethene (PCE) and trichloroethene (TCE); a group of semivolatile polynuclear aromatic hydrocarbons (PAHs); a polychlorinated biphenyl (PCB-1254); and several metals (arsenic, barium, cadmium, chromium, copper, lead and nickel). Phase I RI data indicated that the soil impacts in AOC #1 were mostly limited to the uppermost several ft of soil. Shallow ground water at this location showed constituents above PRGs, but they appeared to originate at upgradient areas of concern.

For the Phase II RI, five additional soil borings were completed to delineate the horizontal and vertical limits of contamination, and to assess whether hexavalent chromium was present. The results of sampling at AOC #1 are listed in the data tables in Attachment 1, and are summarized as follows:

- Hexavalent chromium was not detected in any of the soil samples.
- Constituents exceeding health-based soil PRGs in AOC #1 continue to include arsenic, PCB-1254 and semivolatile polynuclear aromatic hydrocarbons (PAHs; i.e., benzo(b)fluoranthene, benzo(a)anthracene, benzo(a)pyrene, dibenz(a,h)anthracene, indeno(1,2,3-cd)pyrene, naphthalene, 2-methylnaphthalene, phenanthrene and pyrene). The vertical extent of health-based exceedances is limited to the upper four ft of soil. The horizontal extent, for most constituents, involves an area measuring approximately 100 ft (east-west) by 50 ft (north-south), centered near borings #B1-01 and B1-02. However, some of the constituents are unrelated to the handling of metal chips and oil in AOC #1, and are associated with activities that occurred throughout larger portions of the site. Specifically, PCB-1254 is present in soil throughout the gravel and asphalt paved areas to the north and west of the manufacturing building, and beneath portions of the building, and appears to be associated with the past application of PCB-containing oil to roadways and rail spurs in these areas (see Figure 14 for an illustration of PCB distribution at AOC #1). Also, the PAH compounds and elevated arsenic are present elsewhere to the north of the building, including sediment along both sides of the adjacent railroad tracks. These constituents appear to be related to cinders and slag used for roadbed construction and/or application of materials to roadways and railroad tracks for maintenance purposes.
- Constituents exceeding ground-water protection soil PRGs in AOC #1, in addition to those discussed above, include barium, chromium, copper and nickel. The depth of exceedance is somewhat greater than for the health-based PRGs; however, most of the constituents are not impacting shallow ground water in AOC #1.
- Shallow ground water in AOC #1 shows antimony, total chromium, hexavalent chromium, manganese and nickel, as well as chloroform and PCE, above ground-water PRGs. The total and hexavalent chromium appear to originate upgradient at AOC #3, where chrome electroplating occurred. The PCE and chloroform originate in upgradient AOC #4.

Summary Point: AOC #1 exhibits shallow soil contamination associated with handling of metal chips and associated waste oils, but does not represent a significant contaminant source area on that basis. Rather, it is contained within the larger site area exhibiting PCB impacts in shallow soil. In addition, elevated arsenic and PAHs detected in AOC #1 appear to be associated, at least in part, to roadway and railroad activities that occurred beyond the limits of this area.

AOC #2 (Northeast Dock)

AOC #2 is a loading dock located in the northeast corner of the main building. Prior results indicated the presence of PCBs in shallow soil. The main objectives of Phase II work were to delineate the extent of PCBs exceeding PRGs, and to assess whether the source of the PCBs was leakage of oil from a hydraulic dock leveler system, or from past spillage or application of PCB-contaminated oil. Also, because cadmium had been found above ground-water protection soil PRGs during the Phase I RI, further evaluation as to the mobility of cadmium was deemed necessary.

The Phase II RI work in AOC #2 included completion of eight soil borings, and laboratory analysis of selected samples for total and TCLP PCBs, and TCLP cadmium. A sample of oil from the dock leveler equipment was also analyzed for PCBs.

Laboratory results associated with AOC #2 are summarized in the data tables in Attachment 1. Results for AOC #2 are summarized as follows:

- Soil analysis for TCLP cadmium showed no detections above ground-water protection PRGs; therefore, cadmium is not an issue in AOC #2.
- The oil sample collected from the dock leveler equipment did not contain PCBs; therefore, this equipment does not appear to be the source of PCB impacts in AOC #2.
- Soil sample analyses for total PCBs indicate exceedances of health-based PRGs to variable depths, ranging from about two ft to the northeast of the dock, to approximately seven ft beneath portions of the raised dock and adjacent building interior to the west (see Figure 15 for an illustration of PCB distribution at AOC #2). As previously discussed, the PCBs in AOC #2 are part of a larger area of PCB impacts encompassing areas beneath, and to the north and west of, the manufacturing building.
- A total of 14 soil samples collected in AOC #2 underwent TCLP analysis for PCBs. None revealed the presence of PCBs above detection limits. This is a significant finding for the site as a whole, since most of the samples contained total PCBs at concentrations from roughly 50 ug/Kg to a maximum of 18,000 ug/Kg. The results indicate that PCBs in site soil are relatively immobile, and are not expected to leach to ground water.
- Shallow ground water in AOC #2 shows PCE in excess of ground-water PRGs. This detection is unrelated to AOC #2, as no VOCs have been detected here, and is attributed to other source areas such as AOC #4. PCBs were not detected in ground water at AOC #2.

Summary Point: AOC #2 is part of the larger site area exhibiting PCBs in soil above health-based PRGs, and assessment work in AOC #2 has helped to delineate the limits of PCB impacts. In addition, a significant number of split sample analyses for both total and TCLP-extractable PCBs in AOC #2 indicates that the compounds are not leachable to ground water at even relatively high (i.e., 18,000 ug/Kg concentrations).

Area #3 (Former Chrome Plating Area)

AOC #3 is located inside the northeast portion of the main manufacturing building, and was previously the site of a small chromium electroplating operation. The operation was situated on the concrete floor, within a 12 ft by 24 ft masonry block enclosure that has since been removed. Prior assessment indicated the presence of chromium (hexavalent and total) in soil above health-based and ground-water protection PRGs. Several other metals were detected at concentrations exceeding ground-water protection soil PRGs. Elevated chromium was not detected in shallow ground water in AOC #3; however, downgradient shallow well #MW-B1-02S showed hexavalent and total chromium above the corresponding PRGs.

During the Phase II RI, nine additional soil borings were completed in AOC #3 to delineate the extent of chromium contamination in soil. Four of these borings were located outside the building, in an area where a pipe appears to have extended from the plating area to a concrete pad. Stained soil was observed in the area of this pad, and may have been associated with spillage from a former wastewater holding tank. One soil boring was located in the area of this staining, and the other three borings were arranged to form a rough perimeter around it.

Inside the building, five borings were arrayed around Phase I RI boring and well #MW-B3-02, with two of the borings located inside the limits of the masonry block containment area. Samples from all AOC #3 borings were analyzed for total chromium, hexavalent chromium, arsenic, barium and cadmium, as well as TCLP analysis of hexavalent chromium.

Also, as part of the Phase II RI work to evaluate concrete and wood flooring for disposal purposes, a sample of concrete was collected from within the former masonry block enclosure, for analysis of TCLP metals and PCBs.

Analytical results are summarized in the data tables in Attachment 1. Results for AOC #3 are summarized as follows:

- Chromium concentrations in soil vary with depth. There appear to be two main source areas, one located beneath the limits of the interior masonry block enclosure, and the other located just outside the building, directly north of the former plating area, in the vicinity of the concrete pad with stained soil (see Figure 16 for an illustration of chromium distribution at AOC #3). The outside source area contains the largest concentration of total chromium (120,000 mg/Kg), but is limited to shallow soil, as the concentration drops to 13 mg/Kg at a depth of four ft. However, there is some evidence of downward migration of chromium in soil, as concentrations continue to exceed ground-water protection PRGs as deep as 14 ft. Hexavalent chromium is detectable only beneath the masonry block enclosure inside the building.
- Concentrations of arsenic and cadmium detected in soil during the Phase II RI delineation work do not exceed either health-based or ground-water protection PRGs. There are several PRG exceedances for barium, but they are somewhat sporadic, and do not appear to be a significant concern.
- Concentrations of total and hexavalent chromium in shallow ground water in AOC #3 continue to be below PRGs. It is noted, however, that the total chromium concentration in MW-B3-02S

was higher during the Phase II RI sampling than during Phase I (0.022 mg/L versus 0.0088 mg/L). Also, hexavalent chromium impacts are observed in shallow well #MW-B1-02S (2.0 mg/L), located 75 ft downgradient of AOC #3; in intermediate and deep wells #MW-BG-B4I and MW-BG-B4D (0.085 mg/L and 0.069 mg/L, respectively), located 500 ft downgradient of AOC #3; and in surface water sample #SW-09 (0.032 mg/L), located 1,300 ft downgradient of AOC #3.

- Ground water in AOC #3 contains chloroform and PCE above PRGs; however, these volatile compounds do not originate in AOC #3.
- TCLP analysis of a sample of concrete flooring from within the former plating area (sample #CONC-04) indicated that all RCRA metals were below EPA toxicity characteristic (TC) limits, with chromium being the highest concentration (2.4 mg/L compared to a TC limit of 5.0 mg/L). A second concrete flooring sample obtained approximately 40 ft to the east, and outside of the former plating area (sample #CONC-05) showed TCLP chromium at 0.011 mg/L.

Summary Point: In AOC #3, chromium compounds have been released to deeper soil beneath the former plating area inside the building, as well as to shallow soil outside the building. Inside the building, higher-concentration residues (exceeding TC limits, and including both total and hexavalent chromium) are present in an area measuring approximately 15 ft by 15 ft by 15 ft deep, centered at MW-B3-02S and the adjacent sanitary sewer manhole riser. Lower concentrations of total chromium (below TC limits, and not including appreciable hexavalent chromium) extend over a somewhat larger area measuring roughly 40 ft by 40 ft by 15 ft deep. Outside the building, high-concentrations of chromium (total chromium only, exceeding TC limits) are present in a roughly 20 ft (north-south) by 40 ft (east-west) by 4 ft deep area centered at boring #B3-09. The chromium residues have impacted site ground water, as evidenced by sampling of downgradient ground water and surface water.

AOC #4 (Former Solvent Degreaser Area)

AOC #4 is located inside the southeast portion of the main manufacturing building, and represents a location where PCE-based solvents had been used. The extent of PCE contamination in soil exceeding PRGs was previously delineated during the Phase I RI. To summarize, the primary area of soil contamination (i.e., PCE concentrations that exceed both health-based and ground-water protection PRGs) measures approximately 40 ft by 40 ft by 10 ft deep, and is located between wells MW-B4-02S and MW-B4-06S. Elevated levels of PAHs are also present in association with the creosoted wood flooring system (AOC #15) that encompasses this area.

Ground water monitoring wells in AOC #4 were re-sampled during the Phase II RI. As was the case during the Phase I RI, the primary constituents of concern continue to involve VOCs, principally PCE. Results show that most detections continue to be in the same concentration ranges. Several changes are noted, however; for example, the PCE concentration in shallow well MW-B4-02S decreased by an order of magnitude (6,600 ug/L to 710 ug/L).

Summary Point: VOCs, primarily PCE, have been released to soil and ground-water in AOC #4. The extent of soil contamination has been defined, and involves area of about 40 ft by 40 ft by 10 ft deep, located between wells MW-B4-02S and MW-B4-06S. AOC #4 represents one of three source areas contributing to site-wide VOC impacts in ground water.

AOC #5 (Former Solvent Degreaser Area)

AOC #5 involves a former solvent degreaser area located approximately 50 ft west of AOC #4. This area was investigated during the pre-RI site assessment work, and findings were incorporated in the RI Work Plan. These findings indicated an absence of VOC contamination (only PAHs associated with the creosote flooring (AOC #15) were detected here), and the location was removed from the list of AOCs.

Summary Point: AOC #5 is not a source of soil and ground-water contamination.

AOC #6 (Former Solvent Degreaser Area)

AOC #6 is located approximately 160 ft west of AOC #4, along the south wall inside the main building. This location was also identified as an area of potential concern due to the past presence of a solvent degreaser system, along with two rectangular pits below the concrete floor that were used for metal cleaning and preparation.

Pre-RI assessment and Phase I RI work in this area indicated that several VOCs (primarily PCE), PCBs and metals were detected above health-based PRGs in a thin layer of sediment contained in the bottoms of the concrete pits. However, soil and ground water in the vicinity of the pits did not exhibit contamination above PRGs that appeared to originate in AOC #6 (the only constituents in soil and shallow ground water beneath the pits were CVOCs, which appear to originate at upgradient AOC #4).

During the Phase II RI, the concrete slabs covering these pits were removed, and sediment present in the pits was sampled for waste disposal planning. Results of these analyses are found in Table 24, and indicate that the residues inside the pits are classified as non-hazardous for disposal purposes.

Monitoring well #MW-B6-02S was also re-sampled during the Phase II RI. These results show a PCE concentration of 19 ug/L, which is consistent with the 16 ug/L result from the Phase I RI in 2004, but significantly less than a November, 2002 result of 2,800 ug/L. The PCE and other VOCs detected in ground water in AOC #6 are believed to primarily reflect impacts from upgradient AOC #4, with the possibility of some limited releases from the pits in AOC #6 .

Summary Point: The two concrete-lined pits in AOC #6 contain residues which exhibit constituent concentrations above health-based PRGs. Soil sampling beneath and adjacent to the pits indicates that this area has not acted as a source of contaminant release to soil and ground water.

AOCs #7, 8 and 9 (Former Solvent Degreaser Areas)

AOCs #7, 8 and 9 involve former solvent degreaser areas located in the central and western portions of the manufacturing building. These areas were investigated during the pre-RI site assessment work, and findings were incorporated in the RI Work Plan. As was the case with AOC #5, these areas showed an absence of VOC contamination, and they were removed from the list of AOCs.

Summary Point: AOCs #7, 8 and 9 are not sources of soil and ground-water contamination.

AOC #10 (Storm Sewers)

AOC #10 refers to the storm sewers that extend along the north and south sides of the main building, and discharge to the two on-site drainage channels that flow from east to west along the northern and southern portions of the property. These storm sewers collect and convey storm-water runoff from the building roof and paved areas of the property. In addition, as indicated on a 1950's facility drawing, the potential exists for these storm sewers to have previously received process wastewater discharges from floor drains located inside the building.

Prior work associated with AOC #10 involved sampling of surficial soil from locations where the storm sewers currently outlet and discharge to the drainage channels. Results of this work indicated that several constituents (metals, VOCs, SVOCs and PCBs) exceeded ground-water protection PRGs; however, no health-based soil PRGs were exceeded.

The focus for the Phase II RI involved the sampling of residues from within accessible portions of the storm sewers, combined with soil sampling adjacent to the sewer lines. This included seven soil borings adjacent to portions of the south storm sewer (#B10-08, B10-09, B10-11, B10-12, B10-14, B10-15 and B10-16); six soil borings along the north storm sewer (#B10-17, B10-18, B10-19, B10-20, B10-21 and B10-22); and two samples of residues collected from the interiors of the sewers (#B10-18 Sewer Residue and B10-20 Sewer Residue). Locations for the soil borings were generally selected as those where the potential for leakage from the sewer line would be greatest; i.e, adjacent to lateral connections from floor drains exiting the building, or near manhole risers. Similarly, sampling of residues was done in the bottoms of accessible manhole risers, where constituents of concern have the greatest probability of settling and accumulating.

In addition to the residue sampling and soil borings completed in and along the sewer lines, Phase II RI work included re-sampling of soil at the outfall locations for TCLP analyses, in order to assess the potential for leaching of previously detected constituents.

Laboratory analytical results associated with this work are summarized in the data tables in Attachment 1. Results for AOC #10 are summarized as follows:

- Boring #B10-08 was advanced adjacent to a floor drain exiting the building near solvent degreaser AOC #4. No VOC contamination was detected in the soil sample collected here.
- Boring #B10-09 was located near a drain line exiting the building near the main electrical switchgear area (south building wall between AOC #4 and AOC #6. The shallow soil sample at B10-09 (0-2 ft) showed several PAHs above health-based PRGs, including benzo(b)fluoranthene, benzo(a)anthracene, benzo(a)pyrene, and indeno(1,2,3-cd)pyrene. No PAHs were detected in the deeper sample (4-7 ft) from this boring. No VOCs, PCBs or metals at concentrations of concern were detected in either soil sample. The PAHs in the shallow sample are attributed to the presence of the creosote flooring immediately inside the building wall from this location.
- Boring #B10-11 was located adjacent to a manhole riser associated with an apparent second storm and/or process sewer that runs close to the south exterior of the manufacturing building, roughly at the midpoint along the building wall. A soil sample collected from 0 to 4 ft did not show the presence of VOCs, SVOCs or PCBs. Several metals (beryllium, chromium, copper and nickel) were present marginally above ground-water protection PRGs, but do not appear to represent a concern.
- Boring #B10-12 was located adjacent to a storm sewer riser further from the building and west-southwest of B10-11. This boring is also immediately south of AOC #6. A soil sample collected from 1 to 4 ft in boring #B10-12 exhibited mercury, PCE and indeno(1,2,3-cd)pyrene marginally above ground-water protection PRGs.
- Borings #B10-14, B10-15 and B10-16 were advanced adjacent to floor drains and other laterals exiting the southwest portion of the building. The soil sample from boring #B10-14 (4-6 ft) contained total chromium (but not hexavalent chromium) marginally above ground-water protection PRGs, and the sample from B10-15 (6-8 ft) detected PCB-1260 marginally above ground-water protection PRGs. No other PRGs were exceeded in these two borings, and the sample from B10-16 (2-4 ft) did not exhibit any constituents above health-based or ground-water protection PRGs
- On the north exterior of the building, boring #B10-17 was located in the vicinity of a floor drain tie-in from the former Oil Hut building associated with AOC #13. Soil samples collected at depths of 3 to 5 ft and 6 8 ft both contained vinyl chloride and PCB-1254 above ground-water protection PRGs. While PCB contamination decreased with depth, the vinyl chloride concentration was higher in the deeper sample.
- Boring #B10-18 was located adjacent to a storm and/or process sewer manhole riser adjacent to the building, and just northwest of AOC #12. A sample of residues was also collected from the riser interior here. Analysis of the residues contained within the riser showed the following constituents above health-based PRGs: antimony, arsenic, copper, lead, PCE, benzo(k)fluoranthene, benzo(b)fluoranthene, benzo(a)anthracene, benzo(a)pyrene and indeno(1,2,3-cd)pyrene; and the following constituents above ground-water protection PRGs: total chromium, mercury, nickel, silver, zinc and PCB-1254. Analysis of a soil sample (3-5 ft) from the adjacent boring showed an absence of most of the constituents detected in the sewer residues, but did detect manganese above the health-based PRG. Constituents found in this

sample above ground-water protection PRGs included: beryllium, chromium, nickel and PCB-1254. No VOCs or SVOCs were found above PRGs.

- Soil boring location #B10-19 was located approximately 20 ft to the east of #B10-18, and was situated near a lateral exiting the building from AOC #12. Manganese was found in the soil sample collected from this boring (3-5 ft), at a concentration exceeding the health-based PRG. As was the case with B10-18, beryllium, total chromium, nickel and PCBs (in this instance PCB-1260) were also found above ground-water protection PRGs, but no VOCs or SVOCs were detected.
- Location #B10-20 involves a storm sewer grate off the northeast corner of the building, east of AOC #2. Residues were sampled from inside the sewer here, and soil boring #B10-20 was advanced adjacent to the grate. Analysis of the residues showed the presence of arsenic and benzo(a)pyrene above health-based PRGs, along with levels of benzo(b)fluoranthene, benzo(k)fluoranthene, benzo(a)anthracene, chrysene, indeno(1,2,3-cd)pyrene and PCB-1254 above ground-water protection PRGs. None of these constituents were present above PRGs in the soil sample collected from the boring adjacent to the sewer (4-7 ft), though beryllium was detected above ground-water protection PRGs.
- Soil boring #B10-21 was advanced along the north building wall, at a location where the storm sewer is believed to angle away from the building toward the north drainage ditch (and at one time may have discharged to an open ditch in this area). A soil sample from 4 to 6 ft showed only PCE above ground-water protection PRGs. No health-based PRGs or other ground-water protection PRGs were exceeded.
- Soil boring #B10-22 was advanced near boring #B10-20, off the northeast corner of the building. In this instance, the boring was located adjacent to a sanitary sewer that runs west to east along the north side of the building. A soil sample collected from a depth of 6 to 8 ft (adjacent to, or slightly below the bottom of the manhole riser) showed only copper above ground-water protection PRGs. No health-based PRGs or other ground-water protection PRGs were exceeded.
- Re-sampling of surface soil at the storm sewer outfall locations was completed during the Phase II RI. This work was in response to Phase I RI results for these areas, which showed several constituents present above ground-water protection soil PRGs; specifically, for the south outfall, mercury and PCBs, and for the north outfall, beryllium, chromium, nickel and PCBs. Samples collected from the outfall areas underwent total and TCLP analyses for those parameters. All TCLP results were below ground-water protection soil PRGs, while the soil sample from the north outfall exhibited a PCB concentration above the health-based soil PRG (3,300 ug/Kg versus a PRG of 1,000 ug/Kg).

Summary Point: Samples of residues collected from storm sewers and process sewers adjacent to the manufacturing building (AOC #10) exhibit constituent concentrations above health-based PRGs. Some exceedances of health-based PRGs are also present in the vicinity of sewer outfall locations. Soil sampling adjacent to the sewer lines shows only limited exceedances of ground-water protection PRGs.

AOC #11 (Furnace Pit)

AOC #11 involves a shallow concrete-lined pit in the southwest portion of the main building. An above-ground furnace used for metal processing was previously located here. Phase I RI work indicated the presence of cadmium, PCE and PCBs above ground-water protection PRGs at two sample intervals beneath the pit (1.5-2.5 ft and 6-7 ft). No health-based PRGs were exceeded.

For the Phase II RI, soil boring #B11-01B was completed adjacent to the original boring location and sampled for analysis of TCLP cadmium, PCBs and VOCs. Laboratory analytical data are listed in the data tables in Attachment 1. Results for AOC #11 are summarized as follows:

- TCLP testing showed no detectable levels of cadmium or PCBs.
- TCLP testing for PCE show levels continuing to exceed ground-water protection soil PRGs (0.056 mg/L and 0.023 mg/L for the shallow and deeper depth intervals, respectively, compared to a PRG value (TCLP analysis) of 0.007 mg/L).

Summary Point: AOC #11 exhibits PCE in soil above the ground-water protection PRG. The affected area measures approximately 10 ft by 10 ft by 10 ft deep, and is located beneath the shallow floor pit at boring #B11-01. Results indicate that the area is not a significant source of site ground-water impacts.

AOC #12 (Steel Wash Tank)

AOC #12 involves a former pit located near the north wall of the main building. The pit was labeled on a 1950's facility drawing as a "steel wash tank." A patched concrete section is present in this area, indicating that the tank was below floor level and has been filled in. Prior assessment indicated the following contaminants in soil: PCBs, arsenic, cadmium, chromium, copper, manganese, nickel, benzene and PCE. Results in the 3 to 4 ft sample interval exceeding health-based PRGs included arsenic, cadmium, manganese, nickel and PCB-1254. Of particular note was the PCB concentration of 670,000 mg/Kg, representing the highest value reported during the Phase I RI. The deeper (11 to 12 ft) sample only continued to exhibit cadmium and PCB-1254 impacts, and at much lower concentrations, somewhat above ground-water protection soil PRGs.

Phase II work included the completion of seven soil borings in this area, including three borings arrayed in a rough perimeter around the original location, and four additional borings further to the south. Samples were analyzed for all previously detected contaminants, as well as hexavalent chromium, due to the presence of total chromium. Monitoring well #MW-B12-01S was also re-sampled during the Phase II RI.

Laboratory results are listed in the data tables in Attachment 1, and are summarized as follows:

- In the 3 to 4 ft sample interval from boring B12-04, concentrations of PCB-1254, antimony, arsenic, copper, manganese and nickel were detected above health-based soil PRGs. In

particular, concentrations well above the health-based PRGs included PCB-1254 (780,000 ug/Kg compared to a PRG of 1,000 ug/Kg), arsenic (75 mg/Kg compared to a PRG of 6 mg/Kg) and nickel (7,600 mg/Kg compared to a PRG of 320 mg/Kg). The deeper sample at B12-04 (8 – 10 ft) showed an absence of most constituents, although PCB-1254 was still detected at 880 ug/Kg. Boring #B12-04 is approximately 15 ft south of the original boring and well location #MW-B12-01S.

- The only other exceedance of health-based PRGs involved boring #B12-03 (3-4 ft), where PCB-1254 was detected at 2,500 ug/Kg. Remaining soil sample results from AOC #12 showed exceedances of ground-water protection PRGs for several metals (beryllium, chromium, copper and nickel), PCBs, benzene and PCE. The magnitude and pattern of these detections do not indicate a significant concern.
- Resampling of ground water in MW-B12-01S showed concentrations of PCE and TCE above PRGs. The detections of PCE and TCE were consistent with Phase I ground-water results in this well, and reflect site-wide VOC impacts originating at other areas of concern.

Summary Point: Sampling in AOC #12 shows relatively high concentrations of PCBs and several metals (antimony, arsenic, copper, manganese and nickel) above health-based PRGs. The impacted interval measures approximately 30 ft by 30 ft by 5 ft deep, and encompasses soil borings #B12-01 and B12-04. It is not clear whether these residues represent sediment in the former steel wash tank, and/or soil contamination at the former grade elevation prior to construction of the building addition. The concentrations are relatively significant; for example, PCB levels are about two orders of magnitude higher than those detected in surrounding borings. Ground water in this area does not appear to have been impacted by the residues, however.

AOC #13 (Oil Storage Hut)

AOC #13 involves the site of a 30 ft by 40 ft storage building previously located beneath what is now the northwest portion of the main manufacturing building. This structure was present in the 1950s and 1960s, prior to construction of the final addition to the main building in 1973. A 1950s facility drawing shows a floor drain in the northeast corner of this former building, with a discharge flowing to the northwest. Phase I work revealed the presence of PCE, TCE and PCB-1254 in shallow (4-5 ft interval) soil exceeding health-based soil PRGs. In addition, several constituents in the shallow interval exceeded ground-water protection soil PRGs, and included: antimony, cadmium, chromium, lead, p-isopropyltoluene and vinyl chloride. Cadmium and PCB-1254 continued to exceed PRGs in the deeper (10-11 ft) sample.

On the basis of a relatively high PCE concentration detected in shallow soil here (130,000 ug/Kg), combined with the detection of relatively high concentrations of VOCs in downgradient well cluster MW-BG-B4 (e.g., 53,000 ug/L of PCE, 59,000 ug/L of cis-1,2-Dichloroethene, 14,000 ug/L of TCE and 2,100 ug/L of vinyl chloride in well #MW-BG-B4S), it appeared that this location may represent a significant source area for VOC impacts in ground water. As a result, a soil gas survey was conducted in AOC #13 during the Phase II RI, in order to optimize soil boring placement and thereby delineate extent of the source area. Survey points were selected by laying out a grid with

nodes at 50-foot (ft) centers, starting from inside the addition of the main building and extending westward past the fence line to the west slope. The soil gas survey involved approximately 60 shallow borings, using procedures described in Section 2.3 (see Figure 17 for grid layout, measurement point locations and resulting soil gas VOC values).

Locations for deeper soil borings and soil sampling were chosen based on the results of the soil gas survey. During initial Phase II RI work, 14 soil borings were completed in the area west of the main building. Soil samples from this area were submitted for laboratory analysis of VOCs and PCBs. Laboratory results indicated that contamination extended beyond these borings, so an additional 13 borings were completed for the purposes of further delineation of VOCs and PCBs.

Laboratory results for soil samples collected in AOC #13 are summarized in the data tables in Attachment 1. Findings are summarized as follows:

- VOCs in soil are present in a relatively large area here, extending from beneath the northwest portion of the main manufacturing to the edge of the slope to the west of the building. Figures 18 through 21 have been prepared to illustrate the extent of VOCs exceeding PRGs in AOC #13, using PCE as an indicator parameter. As shown, the area of greatest VOC impact involves a roughly rectangular sub-area within the overall extent of detection. This sub-area extends from soil borings B13-15 west to the fence and slope, and measures roughly 100 ft (north-south) by 300 ft (east-west) by 15 ft deep.
- A separate VOC source area was identified to the west of the fence and several hundred ft from AOC #13 during the soil gas survey. This area was subsequently designated as AOC #21 and is discussed in a later report section.
- PCBs are also present in AOC #13 above PRGs. There is some correlation with the VOC contamination in the rectangular sub-area from the northwest building area to the rear fence; however, for the most part, PCB impacts appear to be independent from the VOCs. See Figures 22 through 25 for illustrations of PCB distribution in AOC #13.

Summary Point: AOC #13 exhibits significant VOC impacts, and has been identified as one of the three major contributors to site-wide VOC impacts in ground water. The area of highest soil concentrations encompasses a rectangular area including B-13-07 to the east, B-13-09 to the west, B-13-03 to the south and B-13-10 to the north, and measures roughly 100 ft (north-south) by 300 ft (east-west) by 15 ft deep. Total concentrations of VOCs in shallow ground water within AOC #13 exceed 100,000 ug/L, as indicated in MW-BG-B4S.

AOC #14 (Old Steel Drums & Debris)

AOC #14 involves an area to the west of the building, extending along the base of the steep hillside. This area of concern was initially identified during the Phase I RI, due to the presence of several old, rusted 55-gallon steel drums observed along the slope. Initial soil sampling from beneath a representative drum showed lead and mercury above ground-water protection PRGs.

Due to the presence of dense vegetation in this part of the site, it was deemed necessary to complete a more thorough reconnaissance of this hillside during the Phase II RI, in order to identify, retrieve and sample any additional drums. Using the grid established for AOC #13 and extending it westward to the base of the slope, the hillside was subjected to a thorough visual reconnaissance. Observations were recorded, and any drums or suspect debris was marked, mapped and prepared for removal. A total of eight drums or drum remnants were identified in five separate areas, and were designated as locations #DA-01 through DA-05. Notes were taken on the condition of each drum, integrity, contents, location and any visual indications of contamination. In general, the drums were rusted, crushed, empty or nearly empty, and in some cases contained small amounts of soil-like residues that resembled metal shavings and other processing residues.

Vegetation was cleared from around the drums in order to provide equipment access to each area. Each drum was wrapped in plastic sheeting, labeled and transported to a secure storage area for characterization. Samples were then taken of the soil underneath each drum and analyzed for REC parameters. Once all drums had been gathered in a secure building location, they were unwrapped and composite samples were taken for purposes of characterization. These samples were analyzed for REC parameters, RCRA characteristics, TCLP VOCs, TCLP SVOCs and TCLP metals.

In addition to the hillside reconnaissance, an electromagnetic (EM) survey was conducted on the paved area west of the building. This surface geotechnical method is used to identify buried metallic objects such as steel drums, and other types of debris. Again using the grid established for AOC #13, a Geonics Model EM-31 survey meter was used to collect terrain conductivity measurements along each grid line. Refer to Figure 26 for EM readings collected during the survey. These readings were then mapped in order to screen for possible subterranean anomalies.

Test pits were then completed to further investigate potential anomalies (see Test Pit #2 location), and to provide random assessment in areas where no anomaly was apparent. A total of five test pits were completed to depths of approximately 8 – 10 ft using a backhoe. Detailed observations were recorded at each location and all pits were marked and mapped for surveying purposes. If any pit displayed indications of contamination (i.e. soil staining, odors), soil samples were taken for laboratory analysis.

Results of soil and debris sampling associated with AOC #14 can be found in the data tables in Attachment 1. Findings associated with work in AOC #14 are summarized as follows:

- No drums or debris (other than concrete) were found in any of the test pits. Three of the test pits, TP-03, TP-04 and TP-05, exhibited odors and/or stained soil, and underwent soil sampling for laboratory analysis. Results of these analyses were highly variable, and generally did not provide a well defined pattern of occurrences. The following observations are noted: (1) fill material in the rear of the property contains variable concentrations of semivolatile PAHs, as noted in most of the samples collected from TP-03, TP-04 and TP-05; (2) PCBs were present in most of the test pit samples, generally near or below health-based PRGs, but having one significant exception – a PCB-1254 concentration of 210,000 ug/Kg was detected in the shallow soil sample obtained from TP-04; (3) VOCs were generally absent from all of the test pits except TP-05, where the shallow soil sample showed a PCE concentration of 780,000

ug/Kg (this area was subsequently designated as new area of concern AOC #21, based on this result and the soil gas survey); and (4) several metals were detected at concentrations exceeding health-based PRGs, including arsenic (TP-04 shallow but not deep), manganese (TP-03 deep but not shallow, and TP-04 shallow but not deep), and thallium (TP-04 shallow but not deep). Several other constituents exceeded ground-water protection PRGs in total analysis, but generally not in TCLP analysis (see TCLP metals results for TP-03 in Table 3). One exception involves manganese, which was reported in a TCLP analysis of soil from TP-03 at 6.2 mg/L, compared to a ground-water protection PRG of 0.05 mg/L.

- Soil sampling from beneath the drums also exhibited somewhat variable results, typically showing relatively low levels of PCE, PCBs and/or metals slightly above ground-water protection PRGs. The main exceedances of health-based PRGs involve PAHs in the vicinity of DA-05, and appears to encompass an area measuring greater than 100 ft by 100 ft.
- Analysis of residues contained in the recovered drums showed a general absence of most constituents at concentrations of concern. Exceptions were sample #Drums-01, which showed PCBs, arsenic, copper, manganese and thallium somewhat above health-based PRGs, and sample #Drums-04, which had similar exceedances for arsenic, manganese and thallium. The residues were also characterized as non-hazardous for waste disposal purposes, and were disposed of with soil cuttings generated during the Phase II RI.

Summary Point: A small number of rusted drums were identified and removed from the rear slope area, identified as AOC #14. An EM survey and test pits did not identify the presence of additional drums in fill present in the rear of the property. Soil sampling from the test pits and areas beneath the recovered drums indicate the presence of organic and inorganic constituents exceeding PRGs in some locations. Of primary concern were the levels of PCE detected in TP-05 (this area now designated as AOC #21) and PCBs in TP-04 (one of several areas to the rear of the building where detections of elevated PCBs have been noted, and now encompassed in the site-wide delineation of PCBs). In addition to these detections, fill deposits in the rear of the property exhibit varying concentrations of PAHs and metals (e.g., arsenic, manganese and thallium) above health-based PRGs.

AOC #15 (Creosote-Treated Flooring)

AOC #15 refers to the area of wood flooring in the eastern portion of the building. This area measures approximately 70,000 square feet (sq ft), and is covered with a flooring system originally constructed in the 1940s of coal-tar creosote-treated wood, along with base materials (cinders and gravel) that also contain a creosote-based, asphalt-like binder. Prior assessment indicated concentrations of semivolatile PAHs and dibenzofuran in this flooring system above health-based PRGs.

The horizontal limits of the creosote-treated flooring system and underlying impacted soil are consistent with the dimensions of the flooring system. The vertical limits of soil impacts exceeding PRGs have been more difficult to establish with the flooring in place, as the granular base materials appear to have the potential to collapse into boreholes, and may have resulted in artificially high

PAH levels at depth in some of the early soil borings. For example, initial sampling results indicated the presence of PAHs to depths as great as seven to ten ft below the floor in some areas, while no more than one to two ft deep in others. As a result, subsequent borings in AOC #15 have been preceded by removal of the wood flooring and base materials prior to drilling and soil sampling. Borings at locations MW-B15-01S, B15-04, B15-05, 15-06, MW-B4-06S, B4-08B and B18-01 were completed in this manner. With minor exceptions, soil samples at depth from these locations were substantially free of PAHs at depth.

Phase II sampling results in AOC #15 are summarized in the data tables in Attachment 1, and overall findings (Phase I and II) are as follows:

- Soil sampling in AOC #15 that has involved pre-removal of the surrounding floor has generally indicated an absence of detectable PAHs below several ft. As a result, it is estimated that the average depth of impacted soil beneath the floor and base is on the order of 2 ft. It remains possible that some deeper migration has occurred, and this will need to be verified following full removal of the floor.
- There has generally been an absence of PAHs in ground water in AOC #15, and throughout the site. The only exception involves naphthalene, reported at 22 ug/L in MW-B4-06S during the Phase I RI, and at 9.6 ug/L in MW-BG-B5D during Phase II. However, TCLP analyses of the heavily creosoted base materials have indicated no detectable PAH compounds in the extract.

Summary Point: The wood floor and underlying aggregate base in the eastern 70,000 sq ft of the building contains PAHs at concentrations well above health-based PRGs. The horizontal limits of underlying soil impacts correspond to the area of the floor system. Vertically, the underlying soil is impacted to an estimated average depth of two ft, but may extend deeper in some areas, particularly in AOC #4, where PCE solvent migration through the floor may have mobilized PAH compounds. TCLP testing has indicated that the PAHs are very immobile, however, and no significant ground-water impacts have been indicated.

AOC #16 (Hazardous Material Storage Buildings)

AOC #16 refers to two former hazardous material storage buildings located south of the main manufacturing building. During the Phase I RI, soil borings #B16-01 and B16-02 were completed in these areas to assess whether contamination may be present. Results indicated the presence of mercury exceeding health-based and ground-water protection PRGs at location B16-02, along with cadmium and lead above ground-water protection PRGs. These detections were thought to reflect either a surface release or possible migration from nearby storm sewers.

Phase II work involved the completion of boring and well #MW-B16-02B adjacent to B16-02 to: confirm total levels of cadmium, lead and mercury; complete TCLP testing for better assessment of ground-water protection PRGs; and assess whether ground water had been impacted. Following this, two additional soil borings were completed to further delineate metals contamination in this area.

Results associated with this work are summarized in the data tables in Attachment 1. Findings are as follows:

- Re-sampling of soil at B16-02 showed no total cadmium, lead or mercury above either health-based or ground-water protection PRGs. TCLP lead exceeded the TCLP PRG for ground-water protection, but the total lead found in those samples (2-4 ft, 10-11 ft and 15-16 ft) did not exceed PRGs.
- Borings B16-03 and B16-04, located approximately 30 ft from the original borings and in opposite directions, indicated several detections of lead (total and TCLP) exceeding ground-water protection PRGs, and one result above the health-based PRG. The highest concentrations involve the depth interval between 10 ft and 16 ft.
- Ground water results show levels of total chromium, lead, manganese, nickel and vinyl chloride above ground-water PRGs. Only lead appears to originate in this source area. However, the most recent data for the BG-B3 well cluster, located downgradient and just to the west of AOC #16, shows no lead above PRGs in ground water.

Summary Point: Concentrations of several metals were detected in soil in AOC #16 above ground-water protection PRGs, with two instances (mercury and lead) exceeding health-based PRGs. The affected area encompasses borings #B16-02, B16-03, and B16-04, and measures approximately 80 ft by 80 ft by 16 ft. The detections are somewhat sporadic, and do not exhibit a clear pattern. This may reflect the variable nature of fill deposits in the western portion of the site, rather than a specific release of contaminants from a source area.

AOC #17 (Air Compressor Room)

A composite sample of oil from air compressor equipment located in the central portion of the building was collected and analyzed for PCBs during the Phase I RI. None were detected.

Summary Point: A sample of oil collected from equipment in the air compressor room (AOC #17) did not contain detectable PCBs; therefore, this oil does not appear to be a source of PCB residues found elsewhere at the site.

AOC #18 (Old Heat Treat Pit)

AOC #18 involves an area in the southeast portion of the building where a sub-floor pit was present in the 1940s to 1960s for metal heat treating. Assessment in this area included two soil borings, including one in the center of the former pit (now filled and covered with wood flooring), and a second boring located approximately 30 ft northwest of the pit.

Sampling results associated with this work are summarized in the data tables in Attachment 1. Findings associated with AOC #18 are as follows:

- Soil samples were taken from 4-6 ft, 8-10 ft and 12-14 ft in the original boring. PCB-1254 and several SVOCs, including benzo(b)fluoranthene, benzo(a)anthracene, benzo(a)pyrene and dibenz(a,h)anthracene, exceeded both health-based and ground-water protection PRGs. The contamination occurred at variable intervals; for example, PCBs decreased with depth, while SVOCs were only detected in the deeper sample (12-14 ft). Concentrations of beryllium, chromium, copper, nickel, cyanide and several additional SVOCs in the initial boring exceeded ground-water protection PRG.
- In the delineation boring, no VOCs, SVOCs or PCBs were detected, and concentrations of metals were below PRGs.

Summary Point: Several constituents were detected in soil within the limits of the former heat treating pit at AOC #18. However, concentrations are low (i.e., close to PRGs), and may be more reflective of other site conditions, such as PAHs from overlying wood floor and low-level PCBs in shallow soil. This location is not viewed as a source of any significant soil or ground-water contamination.

AOC #19 (Metal Prep Pit)

AOC #19 is located in the central portion of the building, just west of the boiler room. At this location, several sub-floor pits were present for cleaning and preparation of steel used in manufacturing. During the Phase II RI, eight borings were completed in a grid-like fashion in this area, and encountered soil adjacent to the pits, as well as sediment and backfill from within the pits. Samples from this area of concern were analyzed for all REC parameters, except for the pit residue samples, which were limited in volume.

Sampling results associated with this work are summarized in the data tables in Attachment 1. Findings associated with AOC #19 are as follows:

- Pit residues contained concentrations of copper, mercury, tetrachloroethene, vinyl chloride and PCB-1254 at relatively low concentrations (i.e., only exceeding ground-water protection PRGs). Soil samples from adjacent to and beneath the former pits contained concentrations of barium, beryllium, copper, manganese, silver, 1,1,2,2-tetrachloroethane, and several SVOCs above ground-water protection PRGs. There was also one exceedence of hexavalent chromium and PCBs. Only manganese and several PAHs exceeded health-based PRGs, but were limited to the upper several ft of soil, and are absent or below PRGs at depth.

Summary Point: The backfilled steel preparation pits in AOC #19 contain small amounts of sediment with constituent concentrations exceeding PRGs. The residues are estimated to encompass an area of approximately 60 ft (north-south) by 20 ft (east-west). However, there are no indications of any appreciable contaminant migration to surrounding soil and ground water; therefore, AOC #19 not considered to be a source of ground-water impacts.

AOC #20 (CNC Pit)

AOC #20 is located in the southwest corner of the main building, and involves a shallow sub-floor pit surrounding a computer numerically controlled (CNC) metalworking machine. Shallow pits are often present around such equipment to collect oil and metal cuttings from machining operations.

Two soil borings were completed here during the Phase II RI, one within the limits of the former pit and one just outside the limits. Soil samples were collected and analyzed for REC parameters.

Sampling results associated with this work are summarized in the data tables in Attachment 1. Findings associated with AOC #20 are as follows:

- Pit residues were sampled for metals and VOCs, as sample volume was insufficient to analyze for all REC parameters. Only silver was found to be in excess of ground-water protection PRGs. However, results from the second boring indicate that soil outside the pit contains no contaminants in excess of either health-based or ground-water protection PRGs.
- In summary, although the pit at AOC #20 shows some limited silver contamination, the area contains no evidence of a release and is not a contributor to site-wide contamination.

Summary Point: AOC #20 does not represent an area of concern for the site.

AOC #21 (West Debris Field)

AOC #21 represents an area in the northwest portion of the property, to the west of the building and fence, and along the top of the steep slope that represents the west boundary of fill deposits placed on-site. As previously discussed, AOC #21 was identified during the course of Phase II investigation, through soil gas surveying, test pit sampling and soil borings associated with work in AOCs #13 and #14. A total of 12 soil borings were completed in AOC #21, with one boring completed as a ground-water monitoring well.

Sampling results associated with this work are summarized in the data tables in Attachment 1. Findings associated with AOC #21 are as follows:

- Relatively high concentrations of PCE and other volatile compounds are present in soil here. For example, the soil sample collected from boring #B21-02 (4-6 ft) exhibited a PCE concentration of 2,500,000 ug/Kg. VOC impacts extend at least 20 to 25 ft below surface at the top of the slope, and cover an area approximately 80 ft by 80 ft (see Figures 27 through 30 for an illustration of PCE distribution at AOC #21).
- PCBs were also detected in AOC #21, but only to a very limited degree, and typically only involving the upper several ft of soil (see Figures 31 through 34 for an illustration of PCB distribution at AOC #21). Several PAHs above PRGs were also detected in a shallow soil sample here, and metals were below PRG values.

- Ground-water in well #MW-B21-10I exhibits concentrations of PCE and several other chlorinated VOCs above PRGs, as well as manganese and thallium. All of the monitoring wells at cluster area MW-BG-B5, located approximately 350 ft downgradient from AOC #21, exhibit similar CVOCs above PRG levels (taken to be a composite of impacts from CVOC source areas #AOC 4, AOC #13 and AOC #21).

Summary Point: AOC #21 exhibits relatively high concentrations of PCE and associated chlorinated volatile compounds in soil, and is one of the three primary source areas associated with site-wide VOC ground-water impacts. The area of soil impacts measures approximately 80 ft by 80 ft by 25 ft deep.

3.5 Surface-Water Sampling Results

During the Phase II RI, additional surface-water and sediment sampling was conducted in the two intermittent stream channels located on the property, along with off-site surface-water sampling at locations between the site and Irwin Creek, as well as along a roughly two mile segment of Irwin Creek extending upstream and downstream from the site. This work supplemented earlier on-site surface water and sediment sampling completed at the site during Phase I. Laboratory results are summarized in the data tables in Attachment 1. Results indicate the following:

- During the Phase I RI, site surface water showed concentrations of manganese, zinc and hexavalent chromium above surface-water PRGs. Only SW-04 and SW-05 exhibited active flow conditions during the Phase II RI re-sampling work; therefore, only those on-site locations were sampled. In addition, the following off-site locations were sampled to further assess possible surface-water impacts, and to aid in the delineation of ground-water impacts (see Figure 5 for locations): SW-09, SW-11, SW-11(A), SW-11(B), SW-11(C), SW-12, SW-13, SW-14, SW-15 and SW-16.
- During Phase II surface-water sampling, on-site locations showed manganese and thallium above surface water PRGs. Off-site location SW-09 also showed thallium above the surface-water PRG. While several off-site locations showed some hexavalent chromium, only locations SW-09, SW-11 and SW-11(C) exhibited hexavalent chromium above the surface-water PRG. In addition, during the first round of off-site surface-water sampling, beryllium was found to exceed the PRG for all locations, but these results could not be duplicated in the second round.
- VOC results for the on-site surface water samples were consistent with Phase I RI findings; that is, low levels of several VOCs were detected, but did not exceed PRGs. Likewise, VOCs were detected in surface water samples collected along Irwin Creek in the site vicinity, but did not exceed PRGs. Detections of these low-level VOCs in Irwin Creek (and in the on-site drainage channels) reflects the discharge of impacted ground-water from the site, although at least some portion of the detections may be attributable to other industrial and hazardous waste sites in the immediate area.

Summary Point: Surface water in the west portion of the site exhibit concentrations of manganese and thallium above surface water PRGs. Offsite surface water extending west to portions of Irwin Creek show concentrations of hexavalent chromium above the PRG. Low levels of several VOCs are present in on-site and off-site surface water, but do not exceed PRGs. The presence of these constituents in surface water reflects discharge of ground water from the site, as anticipated by regional hydrogeologic conditions and the site conceptual model.

3.6 Sediment Sampling Results

Sediment sampling locations where Phase I RI data showed exceedances of ground-water protection PRGs were re-sampled and analyzed for the leachability of the particular constituent. Where health-based PRGs were exceeded, the original location was re-sampled, with multiple horizontal and vertical locations for full delineation. Laboratory results are summarized in the data tables in Attachment 1. Results indicate the following:

- Location #SE-02 showed no constituents of concern during the Phase I; therefore, it was not re-sampled during the Phase II.
- In addition, during the Phase I RI, various laboratory reporting limits were elevated for samples at locations 4, 5 and 6, due to matrix interferences. Therefore, these locations were re-sampled during Phase II for the applicable parameters.
- At locations 1, 4, 5 and 8, only ground-water protection PRGs were exceeded during the Phase I; therefore, TCLP testing was completed for the applicable locations and constituents during the Phase II. Results indicated that no TCLP-based ground-water protection PRGs were exceeded.
- At locations 3, 6 and 7, both health-based and ground-water protection PRGs were exceeded during the Phase I, so a combination of testing was completed during the Phase II. During the Phase I RI, the following contaminants were found above PRGs: PCBs and SVOCs at location #3; antimony, cadmium, copper, lead and zinc at location #6; and arsenic, lead, PCBs and SVOCs at location #7. For these constituents, areas exceeding health-based PRGs were delineated, TCLP testing was completed for constituents exceeding ground-water protection PRGs.
- Findings associated with the sediment assessment indicate the following: (a) minor areas of PAHs exceeding health-based PRGs were detected at SE-03, but do not appear to represent a significant concern, as downstream samples did not show this condition; (b) impacts in shallow sediment involving antimony, arsenic, lead and PAHs are present in the segment of the drainage ditch extending from SE-06 to SE-07, estimated to involve an area measuring 350 ft in length, several ft in width across the ditch, and one to three ft in depth. It is noted, however, that background sediment samples collected from areas of the ditch upstream of the site, and on the other side of the railroad tracks, show levels of the same constituents above PRGs. Therefore, the detected impacts in this area may be unrelated to past activities at the site, and more closely associated with fill materials and/or maintenance chemicals used in the vicinity of the railroad tracks.

Summary Point: Sediment in the onsite drainage ditches show an overall absence of significant concern. Exceptions involve an area exhibiting PAHs near SE-03, and elevated antimony, arsenic, lead and PAHs between SE-06 and SE-07. The PAHs at SE-03 are most likely associated with somewhat random occurrences of PAHs in the fill deposits present in the western portion of the site; whereas, the elevated metals and PAHs at SE-06/SE-07 appear to be from offsite sources such as the adjacent railroad tracks.

3.7 Ground-Water Assessment Results

During the Phase II RI, two rounds of ground-water sampling and analyses were completed for all newly installed monitoring wells, and a second round of sampling was completed for all previously installed monitoring wells. Laboratory results are listed in the data tables in Attachment 1, and are summarized as follows:

- Plots of static water levels measured during the Phase II RI are consistent with Phase I results, and indicate a general east to west flow direction in the shallow, intermediate and deep water-bearing zones (see Figures 8 through 13).
- As was the case during the Phase I RI, none of the monitoring wells have indicated the presence of light or dense non-aqueous phase liquids (LNAPLs or DNAPLs). See Table 2 in Attachment 1 for screening details.
- Sampling of off-site monitoring well #MW-BG-B7D, which is directly west of the site and Irwin Creek, showed TCE at 0.54 and 0.73 ug/L in the November 2005 sample and duplicate (J-values, indicating estimated quantities below the reporting limit). No TCE was reported in the April 2006 sample. This well also showed chloroform during both sampling events (0.55 to 0.59 ug/L). Well #MW-BG-B6D, located somewhat farther from the site to the southwest, also showed chloroform during both sampling events, but at higher concentrations (8.8 to 9.2 ug/L). This well also showed cis-1,2-dichloroethene (DCE) at 0.36 ug/L (J-value) during the April 2006 event only. TCE and cis-1,2-DCE are two of the prevalent site contaminants, and it appears that the offsite wells have successfully verified the outer fringe of ground-water impacts above PRGs. It is noted that the origin of the chloroform is not clear, however, particularly in MW-BG-B6D, where concentrations are higher than any detections in onsite ground water.
- Results from sampling of the newly-installed deep well onsite (MW-BG-B5XD) continue to show several chlorinated volatiles at concentrations above PRGs, and the compounds and relative concentrations are similar to the other wells at BG-B5. This result indicates that the ground water is relatively well mixed in this portion of the site. Similar conditions are expected to occur in any bedrock fracture interval here, until a depth is reached where no water-bearing fractures are encountered (typically at about 300 ft +/- in the North Carolina Piedmont). In other words, additional work to identify a lower limit of VOC impacts in ground water is not considered feasible, as the result would likely be a dry, 400 ft deep monitoring well.
- An additional constituent reported in MW-BG-B5XD during the April 2006 event was PCB-1260, at a concentration of 1.0 ug/L. No PCBs were reported in the sample collected from this well in November 2005. While PCBs are a site contaminant, this result is somewhat suspect, as (a) PCBs have not been detected in any other on-site wells, including a number of shallow wells

closer to PCB source areas; and (b) almost all of the PCB detections at the site have involved PCB-1254, and no high concentrations of PCB-1260 have been detected on-site.

- Results associated with the second sampling event for previously installed monitoring wells yielded similar data as that compiled during the Phase I RI. A synopsis of ground-water conditions is as follows:
  (a) The primary impacts involve chlorinated VOCs (mainly PCE, TCE, cis-1,2-DCE and vinyl chloride), detectable in most on-site wells, and highest in the shallow wells in or near primary source areas AOC #4, AOC #13 and AOC #21;
  (b) Hexavalent chromium impacts are indicated in a shallow well just downgradient of AOC #3, and to a lesser extent, in deeper wells and surface water further downgradient;
  (c) The only other constituent that appears with regularity in ground water is manganese, which was detected at concentrations above PRGs in 11 of the wells during Phase II. While elevated manganese has been detected in samples of residues (e.g., sediment in pits) in several areas of concern, it does not appear to be a widespread soil contaminant. Conversely, it is noted that at sites where anaerobic biological processes are actively degrading chlorinated VOCs in ground water (as appears to be the case here), certain metals such as manganese are well known as electron receptors during that process, and in the process are oxidized and solubilized from the aquifer material into ground water.
  (d) Ground water throughout the site is essentially free from impacts by SVOCs (including the PAH compounds), PCBs and metals.

Summary Point: Results of the Phase II RI, in association with earlier work, have characterized site hydrogeologic conditions, and have adequately defined the nature and extent of impacts in ground water. The primary concern involves chlorinated volatile compounds originating at AOCs #4, #13 and #21, and migrating west in unconsolidated deposits and fractured bedrock to the discharge boundary along Irwin Creek, a perennial stream located approximately 500 ft west of the site. More limited ground-water impacts have been identified in association with hexavalent chromium contamination in AOC #3. Elevated manganese concentrations in site ground water may be a result of anaerobic biological processes that are actively degrading chlorinated VOCs. (See Figures 53 through 56 for approximate extents of ground-water impacts.)

3.8 Soil Vapor Intrusion Evaluation

As part of the Phase II RI, a preliminary evaluation was conducted to assess the potential risk associated with migration of volatile vapors from areas of contamination to inhabited buildings, either on-site or off-site. This evaluation applied a three tiered approach described by USEPA to assess such exposure pathways (EPA, 2002).

For the first tier of this evaluation, constituents of concern were reviewed to assess whether sufficient volatility and toxicity were exhibited to warrant concern. Site ground-water data indicated that the following chemicals warranted further consideration: 1,1-dichloroethane, cis-1,2-dichloroethene, trans-1,2-dichloroethene, tetrachloroethene, trichloroethene and vinyl chloride.

The next step of the evaluation involved a comparison of ground-water data from representative monitoring wells (in this case, wells #MW-BG-B5S and MW-B16-02B) to target concentrations established by EPA. Table 15 provides a summary of this comparison. As indicated, two volatiles detected in wells MW-BG-B5S - PCE and TCE - exceeded the target concentrations. Remaining concentrations in this well, and all volatile results for MW-B16-02B, were below the target levels.

Because at least some of the ground-water results exceeded the target levels, soil gas sampling was then conducted at three on-site locations (SV-01, SV-02 and SV-03), and the results were used for further evaluation. Soil gas sample results were compared to EPA's target concentrations for shallow soil gas. Levels of three volatiles measured in one or more of the soil gas sampling points, PCE, TCE and vinyl chloride, exceeded EPA's target concentrations (see Table 16).

The final portion of the evaluation utilized a simulation technique known as the Johnson & Ettinger (J&E) model to predict the incremental exposure risk associated with site conditions. Site-specific inputs to the model included parameters such as constituent concentrations in ground water and soil gas, depth to ground water and soil gas sampling points, soil type and average soil/ground-water temperature. Default values were used for additional input parameters, such as depth below grade to bottom of enclosed space, vadose zone parameters (dry bulk density, total porosity, and water-filled porosity), target risk and averaging time for carcinogens, target hazard quotient and averaging time for non-carcinogens, exposure duration, and exposure frequency.

Results associated with this screening-level modeling are listed in Tables 17 through 21, and are summarized as follows:

- On the basis of ground-water concentrations at MW-B16-02B, the soil vapor intrusion pathway would pose an incremental individual lifetime cancer risk of approximately 3.3×10^{-7}, which is below the target excess cancer risk value of 1×10^{-6} defined in the REC program.
- On the basis of ground-water concentrations at MW-BG-B5(S) and soil vapor concentrations at SV-01 through SV-03, the soil vapor intrusion pathway would pose an incremental individual lifetime cancer risk ranging from approximately 2.7×10^{-5} to 1.8×10^{-6}, due to the concentrations of TCE, PCE and/or VC at these locations. The computed values are greater than the REC target risk of 1×10^{-6}, but within the range of 1×10^{-4} to 1×10^{-6} that is acceptable for cumulative excess cancer risk (i.e., for all contaminants) at sites where the preferred remedy is not capable of achieving the target risk.

Summary Point: Preliminary screening was completed to assess the potential risks associated with migration of VOCs from ground water to occupied buildings. Results indicate incremental cancer risk values ranging from 2.7×10^{-5} to 3.3×10^{-7}. Most of the results were higher than the REC target risk of 1×10^{-6}, but within the range of 1×10^{-4} to 1×10^{-6} permitted at sites where the preferred remedy is not able to achieve the target risk.

3.9 Preliminary Screening of Monitored Natural Attenuation

In order to assess whether monitored natural attenuation (MNA) is a viable option for remediation involving chlorinated VOCs in ground water, a preliminary screening was conducted to assess whether biological degradation of chlorinated compounds is occurring at the site. Sampling associated with this screening was conducted in July of 2005 (see Section 2.5 for a description of sampling procedures), and included sampling and analysis of 13 monitoring wells for indicator parameters, as described in the NCDENR and EPA guidance documents for MNA evaluation (NCDENR, 2000; EPA, 1998(2)). Results were compared to a list of criteria for interpretation and scoring.

Interpretation

Electron acceptors used to degrade carbon compounds include (from most to least favored) dissolved oxygen (DO), nitrate, sulfate and sulfide. Once these have been depleted, microbes will use other sources of hydrocarbons as food and energy. Lower concentrations of these electron acceptors generally indicates a strong anaerobic reductive pathway. In general, DO and nitrate levels were low or near the favorable limit for all wells. Elevated DO levels were found at locations MW-BG-B3I and MW-B4-02S, indicating conditions less favorable to reductive dechlorination (i.e., an aerobic environment). Sulfate levels were typically above the favorable level, possibly indicating sulfate reducing conditions where sulfate is preferred as the electron acceptor; however, sulfide levels, which would typically accumulate under these conditions, were low or not detected.

Ferrous iron can indicate the presence of iron reducing bacteria, which are capable of degrading vinyl chloride. Favorable ferrous iron concentrations were detected in well cluster location MW-BG-B3, possibly indicating anaerobic degradation.

Total organic carbon (TOC), BTEX compounds (benzene, toluene, ethylbenzene and xylenes), and volatile fatty acids, all of which are thought be sources of energy and carbon for microbes, were not present in a majority of the wells sampled. The exceptions were wells MW-BG-B3D and MW-BG-B4S, which showed low levels of acetic and butyric acid, respectively.

Carbon dioxide, considered to be the final oxidative product of degradation, was detected at low levels for all the wells, but typically not above levels considered favorable for degradation (i.e., two times background). However, the method for determining background levels can vary. Well location MW-BG-B4S exhibited favorable levels of carbon dioxide.

Elevated concentrations of dissolved hydrogen can be an indicator of effective reductive dechlorination. The concentration of hydrogen in ground water corresponds to the predominant in situ microbial process. Hydrogen is also very transient in nature, thus providing an assessment of redox conditions at a particular location. For each of the wells, hydrogen levels were detected above the favorable limit, with the exception of MW-BG-B5I and MW-B4-02S, where hydrogen was not detected.

VOC analysis can be used to determine the type, concentration and distribution of contaminants and daughter products in ground water. In general, where PCE was detected, so were reduced levels of TCE, thereby indicating dechlorination. In addition, well locations with TCE detections also showed levels of cis-1,2-DCE. Vinyl chloride was typically detected only at wells where the concentration of PCE and TCE was elevated.

Methane, ethane and ethene, thought be primary indicators of reductive dechlorination, were detected in a majority of the wells, but typically not at optimum levels.

Screening and Point Assignment

Results of the MNA screening are detailed in Table 22. From these results, background concentrations for alkalinity, chloride and carbon dioxide were computed, using data from upgradient locations MW-BG-B1I and MW-BG-B1D. The upper limit of each parameter was computed as the mean background concentration plus three standard deviations. Censored data (i.e., non-detect values) were taken as half of the laboratory reporting limit. The background results were then used to compare to the ground water data and assign the appropriate number of points.

For all other parameters, the ground water sampling results were compared to EPA criteria and assigned the appropriate number of points. See Table 23 for a summary of results and points awarded. The interpretation of total points awarded is as follows: (a) 0 to 5 points, inadequate evidence for anaerobic biodegradation (reductive dechlorination); (b) 6 to 14 points, limited evidence for anaerobic biodegradation; (c) 15 to 20 points, adequate evidence for anaerobic biodegradation; and (d) greater than 20 points, strong evidence for anaerobic biodegradation. Wells that showed adequate or strong evidence of anaerobic biodegradation included MW-BG-B3S and MW-BG-B3D (side-gradient locations) and MW-BG-B4S (source area location). Five wells were categorized as having at least limited evidence for anaerobic biodegradation: MW-BG-3I, MW-BG-4I, MW-BG-4D, MW-BG-5S, MW-BG-5I and MW-BG-5D. Only one well, MW-B4-02S, demonstrated inadequate evidence for anaerobic biodegradation.

Summary Point: Screening was conducted to assess whether biological degradation (i.e., reductive dechlorination) of chlorinated VOCs is occurring at the site. This screening is designed to help evaluate whether monitored natural attenuation (MNA) is a viable option as part of the ground water remedial action. Results of this screening indicate that, to some degree, reductive dechlorination is occurring at the site, and in some wells, conditions are favorable to support MNA. For most of the other well locations, the screening indicated limited evidence to support the viability of MNA.

3.10 Evaluation of Sensitive Areas & Receptors

As per the REC rules and guidelines, an updated review of potentially sensitive areas and receptors was conducted during the Phase II RI. This review encompassed a larger search area than the

original review completed for the RI Work Plan, as the REC requires the search to extend 1,500 ft beyond the limits of contamination. As the RI progressed, the limits of contamination were defined, and a new radius was developed for the updated sensitive areas search.

The search methodology involved a review of information from public agencies with respect to rare, threatened or endangered species, critical habitat, wetlands and other sensitive resources or receptors. For the review, all agencies listed in Appendix B of the REC Guidelines were once again contacted during June and July of 2006, and correspondence with these agencies was supplemented via internet searches. Results are as follows:

- The National Oceanic and Atmospheric Administration and the North Carolina Division of Coastal Management are not applicable, as the coastal areas these agencies are responsible for are well outside the Charlotte region.

- An absence of sensitive areas or receptors were found through contacts at the following agencies: (1) U.S. Forest Service; (2) National Park Service (via internet search); (3) North Carolina Division of Forest Resources; and (4) North Carolina Wildlife Resources Commission.

- Responses from the following agencies were still pending at the date of this report: (1) North Carolina Division of Parks and Recreation; (2) U.S. Fish and Wildlife Service; (3) U.S. Army Corps of Engineers; and (4) North Carolina Department of Cultural Resources. However, the original 2003 search revealed no sensitive areas or receptors through these agencies.

- The North Carolina Division of Water Quality was contacted in order to obtain a copy of the 305(b) report (draft, February, 2006) and the Catawba River Basin plan (September, 2004). These documents reveal that, although Irwin Creek (approx. 500 ft west) is impaired due to municipal and industrial pollutants, it is not identified as a critical area/habitat or State designated protection area.

In addition to the search for environmentally sensitive areas, the REC guidelines require that the following be determined:

(1) *Is there evidence of dead domestic animals or wildlife or stressed vegetation in the area of contamination?*

Observations made during the RI site work have not indicated the presence of these characteristics.

(2) *Is there undisturbed land on or contiguous to the site that would likely serve as a natural area attractive to ecological receptors?*

The western portion of the site (roughly six acres) is predominantly undeveloped, wooded land. The NCDENR was notified by letter on October 28, 2003 as to the presence of this undisturbed

land. Because this area is relatively small and isolated from other tracts of undisturbed land (i.e., the surrounding properties are highly urbanized) it is not viewed as significant habitat for terrestrial or aquatic receptors.

Summary Point: An updated review of potentially sensitive areas and receptors was conducted during the Phase II RI, and did not identify any new information that would indicate a potential concern.

3.11 Search for Potable Water Supplies

The REC program rules also require an inventory and mapping of all identifiable wells, springs, and surface-water intakes used as sources of potable water within a one-half mile radius of the limits of contamination. This search was previously completed and reported in the RI Work Plan. However, because off-site migration of contamination in ground water was subsequently identified, the search was updated during the Phase II RI, as follows:

- On May 25, 2006, the Charlotte-Mecklenburg Utilities Department (CMUD) was visited to further evaluate municipal water use records in the site vicinity. This work was a supplement to the earlier evaluation completed during preparation of the RI Work Plan, which had found that CMUD provides a public water supply and distribution network to residential and commercial properties throughout the City of Charlotte and Mecklenburg County, and that the closest identified surface water intake involve reservoirs located approximately 12 miles north of the site. During the May 2006 work, CMUD files were reviewed to verify that individual parcels in the site vicinity were connected to the municipal water supply network. Maps covering an area at least one-half mile from the site were reviewed in CMUD offices (copying was prohibited based on their security policy). All parcels except five were found to have water service connections. The addresses of these parcels were recorded, and each one was then visited. It was observed that each of the parcels was a vacant lot, and appeared to be part of an adjacent parcel which had a home or other structure present.

- In July of 2006, an updated search for water supply wells was conducted using the Mecklenburg County Well Information System online mapping system. The website for this system is located at: http://maps.co.mecklenburg.nc.us/wells/. The search revealed no identified water supply wells within at least one-half mile of the limits of contamination.

Summary Point: Additional searches for potable water supplies in the site vicinity were completed during the Phase II RI, and did not identify any new information of concern. The work provided additional indications that properties in the area are connected to a municipal water supply.

3.12 Search for Sources of Off-Site Ground-Water Contamination

On May 23, 2006, the offices of NCDENR in Raleigh, NC were visited in order to conduct file searches for contaminated properties near the Copes-Vulcan site. This work was completed concurrent with the off-site investigation and delineation of surface-water and ground-water impacts originating at Copes-Vulcan. A concern was raised during the delineation work that detections of low-level contamination at off-site locations could be originating at other properties. Results of the file review identified at least three properties in the vicinity of Copes-Vulcan, and exhibiting the potential to act as source areas for contaminant migration into the same areas that are downgradient of Copes-Vulcan. These sites all had confirmed releases of hazardous substances, and/or documented detections of hazardous substances in soil, ground water and other media. In addition, the identified contaminants were generally similar to those detected at Copes-Vulcan. Following is a listing of the identified sites:

- Radiator Specialty Company, 1900 Wilkinson Blvd., is located approximately 800 ft northwest of the Copes-Vulcan site, and was a former chemical blending facility that closed in 2004. NCDENR files for Radiator Specialty indicate that it is a brownfield site undergoing assessment and corrective action, and that prior assessment has indicated the presence of PCBs and PAHs in soil, along with chlorinated solvents in ground water. There are indications that VOCs were handled there, including PCE. Also, the file contains a reference to a landfill permit #5637 issued by Mecklenburg County in May of 2000.

- Cherokee Oil site, 925 Summit Avenue, is located approximately 1,700 ft north of Copes-Vulcan. This property was a waste oil recycling and hazardous waste storage facility. Inspections of this property by EPA indicated the presence of approximately 6,000 drums and other waste containers – many badly damaged and leaking – along with visible evidence of dumping and other releases to soil and nearby Irwin Creek. EPA completed a removal action at the site in the mid-1990's, which was estimated to cost over six million dollars.

- The Rowe Corporation, 433 West Morehead, is located approximately 2,500 ft northeast of the site. The property had been used for a chrome plating business from about 1942 until 1978, when the plating building was destroyed by fire. Hexavalent chromium contamination was detected in soil, with total concentrations of up to 3,000 parts per million (ppm), and leachable concentrations exceeding 5 ppm. Ground-water contamination was also reported, with chromium levels of up to 200 ppm.

Summary Point: Files associated with nearby contaminated sites were reviewed at the NCDENR offices in Raleigh. The information obtained from this review indicates confirmed releases of hazardous substances, and the presence of soil and ground-water contamination, at three sites near Copes-Vulcan: Radiator Specialty, Cherokee Oil and Rowe Corp. Contaminants reported at these sites are similar to those associated with Copes-Vulcan (i.e., chlorinated VOCs, PCBs, PAHs and/or hexavalent chromium). Also, the sites are located upgradient of the same ground-water discharge boundary along Irwin Creek that is downgradient from Copes-Vulcan. These findings suggest that, where surface-water or ground-water sampling downgradient of Copes-Vulcan detects contamination, there may be uncertainty as to the source or sources of the observed impacts. This factor has influenced the number and locations of off-site monitoring wells installed during the Phase II RI.

4.0 REFERENCES

Catawba River Basin Cycle 3 Plan, North Carolina Department of Environment and Natural Resources, Division of Water Quality, September, 2004.

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EPA, 1998(2), Technical Protocol for Evaluating Natural Attenuation of Chlorinated Solvents in Ground Water, USEPA Office of Research and Development, Publication #EPA/600/R-98/128, September 1998.

EPA, 2001, Environmental Investigations Standard Operating Procedures and Quality Assurance Manual, U.S. Environmental Protection Agency, Region 4, Atlanta, GA.

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Kelly-Buck, 2004, Work Plan, Phase I Remedial Investigation, Former Copes-Vulcan Facility, 601 West Summit Avenue, Charlotte, North Carolina, dated February 29, 2004.

Kelly-Buck, 2005, Report, Phase I Remedial Investigation, Former Copes-Vulcan Facility, 601 West Summit Avenue, Charlotte, North Carolina, dated March 30, 2005.

Kelly-Buck, 2005, Work Plan Addendum, Phase II Remedial Investigation, Former Copes-Vulcan Facility, 601 West Summit Avenue, Charlotte, North Carolina, dated June 1, 2005.

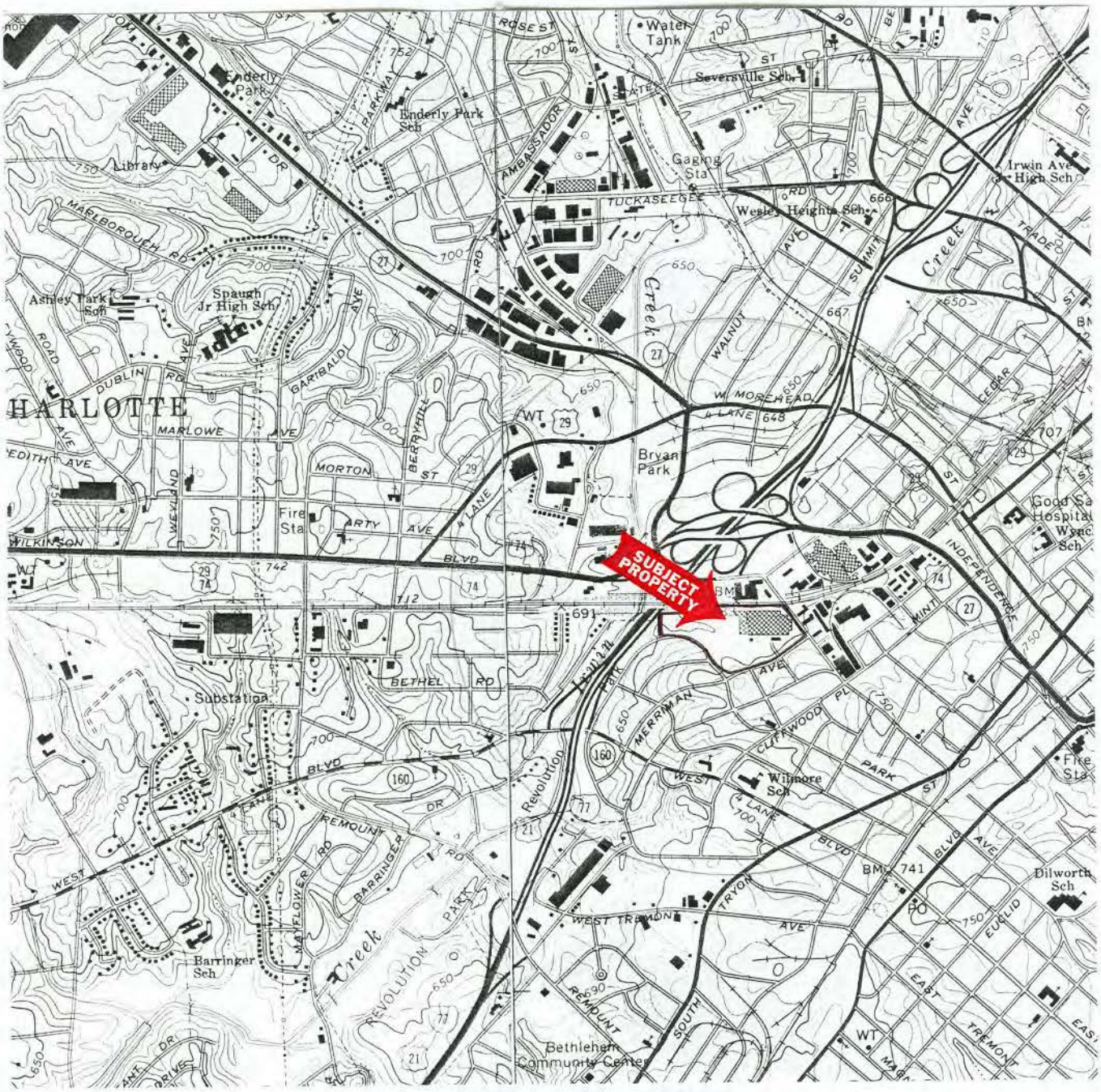
LeGrand, H.E., Sr., 2004, A Master Conceptual Model for Hydrogeological Site Characterization in the Piedmont and Mountain Region of North Carolina: prepared for the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Groundwater Section, 50 p.

NCDENR, 2000. Guidance on Developing a Monitored Natural Attenuation Remedial Proposal for Chlorinated Organics in Ground Water, North Carolina Division of Waste Management, Hazardous Waste Section, October 4, 2000.

NCDENR, 2003, Administrative Agreement for Registered Environmental Consultant-Directed Assessment and Remedial Action Pursuant to N.C.G.S. 130A-310.9(c) and 15A NCAC 13C .0300, Effective date July 24, 2003.

NCDENR, 2005, "Contained-in" Policy for Soil Contaminated with Listed Hazardous Waste. North Carolina Department of Environment and Natural Resources, Hazardous Waste Section, created January 24, 2001, last revised May 20, 2005.

North Carolina Water Quality Assessment and Impaired Waters List (2006 Integrated 305(b) and 303(d) Report), public review draft, North Carolina Department of Environment and Natural Resources, Division of Water Quality, February, 2006.



APPROXIMATE SCALE 1 INCH = 2,000 FEET

Map Source: U.S. GEOLOGICAL SURVEY

APPROXIMATE NORTH

FIGURE 1. SITE LOCATION MAP

SUBJECT PROPERTY
CHARLOTTE, NORTH CAROLINA

Project No. 2001.01.07.10

The Kelly-Buck Company
2130 Superior Avenue #3-A
Cleveland, Ohio 44114
(216) 861-1716

KELLY-BUCK

THIS SURVEY IS CERTIFIED TO ONLY ELECTROLUX HOME PRODUCTS, INC.:

STATE OF NORTH CAROLINA, Mecklenburg County

This is to certify that this map or plat and the survey on which it is based were made in accordance with "Minimum Standard Detail Requirements for ALTA/ACSM Land Title Surveys," jointly established and adopted by ALTA, ACSM and NSPS in 1999, and includes items 1–4, 6, 7a, 8–10, and 11a of Table A thereof. Pursuant to the Accuracy Standards as adopted by ALTA, NSPS, and ACSM and in effect on the date of this certification, undersigned further certifies that proper field procedures, instrumentation, and adequate survey personnel were employed in order to achieve results comparable to those outlined in the "Minimum Angle, Distance, and Closure Requirements for Survey Measurements Which Control Land Boundaries for ALTA/ACSM Land Title Surveys.

I, Andrew G. Zoutewelle, do hereby certify that this map was drawn from an actual field survey performed under my supervision; that the precision is 1:15,000; that the angular precision is less than 7.5 seconds per angle; that this map meets GS-47 recording requirements.

____
Andrew G. Zoutewelle L-3098

L E G E N D

- ch. chord
- L,R curve length & radius
- s.f. square feet (by coordinates)
- I.PIN/I.PIPE iron survey stake
- conc. concrete
- a/c air conditioner
- MB, DB record map and deed references
- SSMH Sanitary Sewer Manhole
- MH Manhole
- PM Power meter
- NIP New Iron Pin/Pipe set
- Light Pole
- Power Pole
- Ground light
- Catch basin
- Gas valve
- Water valve
- Water meter
- Fire Hydrant
- —w— Underground water line
- GAS— Underground gas line
- —T— Underground Telephone line
- monitoring well (see detail)
- soil boring location
- spot elevation
- surface water/sediment sample

This plat is not subject to the provisions of the City of Charlotte Subdivision Ordinance and does not require the approval of the Charlotte–Mecklenburg Planning Commission. Further subdivision of this property may be subject to these provisions.

____
Planning Commission Staff Date

I, ______________, Review Officer of City of Charlotte, certify that the map or plat to which this certification is affixed meets all statutory requirements for recording.

____
Review Officer Date

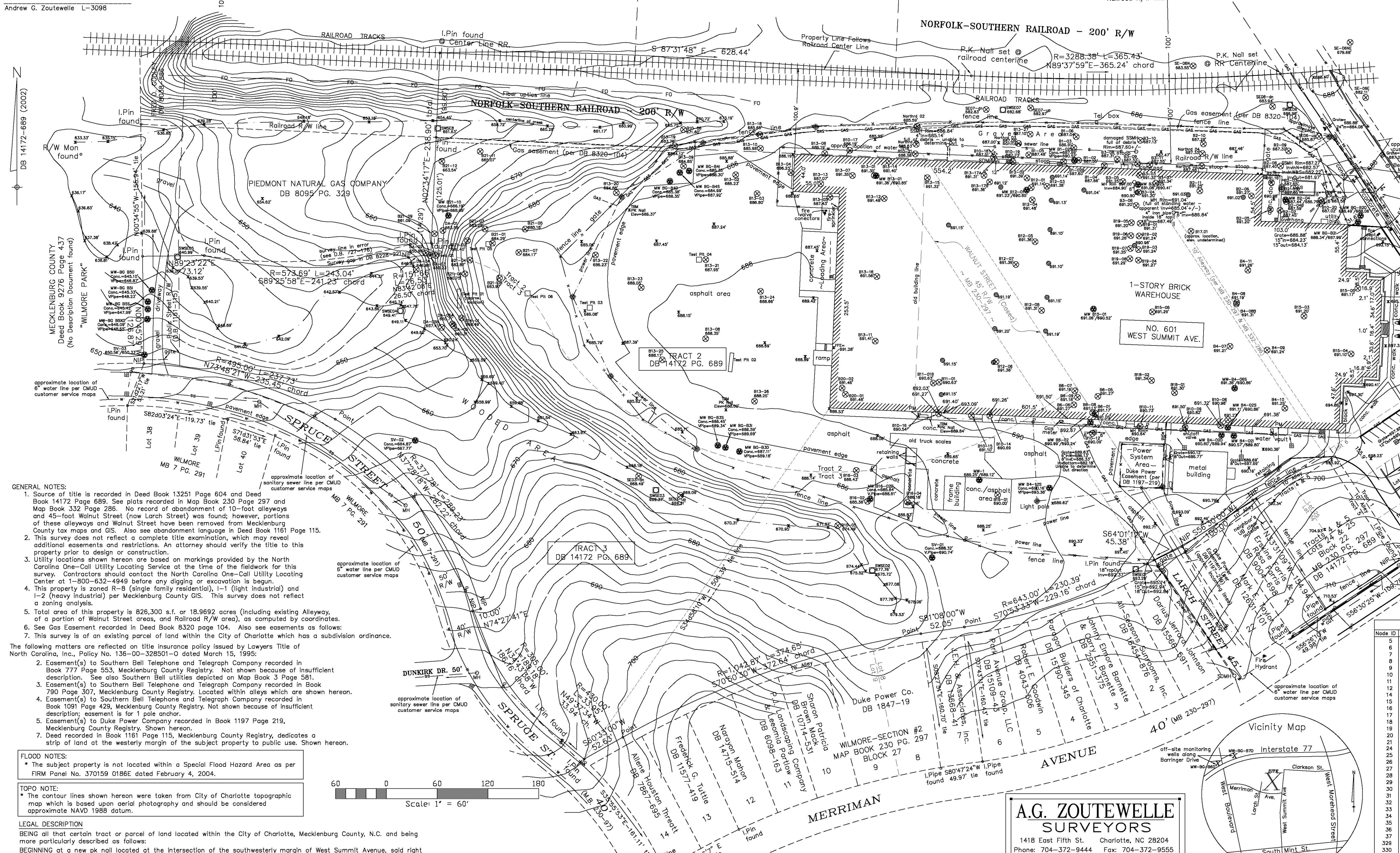
COPYRIGHT 2006

PHYSICAL SURVEY OF 601 WEST SUMMIT AVENUE

CHARLOTTE, MECKLENBURG COUNTY, N.C. for ELECTROLUX HOME PRODUCTS, Inc.

Survey Date: March 25, 2004

Revised: July 21, 2004 (additional scope: spots, borings, etc.)
Revised: August 25, 2004 (additional boring, drain info.)
Revised: September 7, 2004 (additional mon. well/utility info)
Revised: October 8, 2004 (overlay city topo information)
Revised: November 11, 2005 (additional borings, pits, etc)
Revised: May 18, 2006 (additional borings information)
Revised: June 2/6, 2006 (address client comments)



GENERAL NOTES:

1. Source of title is recorded in Deed Book 13251 Page 604 and Deed Book 14172 Page 689. See plats recorded in Map Book 230 Page 297 and Map Book 332 Page 286. No record of abandonment of 10-foot alleyways and 45-foot Walnut Street (now Larch Street) was found; however, portions of these alleyways and Walnut Street have been removed from Mecklenburg County tax maps and GIS. Also see abandonment language in Deed Book 1161 Page 115.
2. This survey does not reflect a complete title examination, which may reveal additional easements and restrictions. An attorney should verify the title to this property prior to design or construction.
3. Utility locations shown hereon are based on markings provided by the North Carolina One-Call Utility Locating Service at the time of the fieldwork for this survey. Contractors should contact the North Carolina One-Call Utility Locating Center at 1-800-632-4949 before any digging or excavation is begun.
4. This property is zoned R-8 (single family residential), I-1 (light industrial) and I-2 (heavy industrial) per Mecklenburg County GIS. This survey does not reflect a zoning analysis.
5. Total area of this property is 826,300 s.f. or 18.9692 acres (including existing Alleyway, of a portion of Walnut Street areas, and Railroad R/W area), as computed by coordinates.
6. See Gas Easement recorded in Deed Book 8320 page 104. Also see easements as follows:
7. This survey is of an existing parcel of land within the City of Charlotte which has a subdivision ordinance.

The following matters are reflected on title insurance policy issued by Lawyers Title of North Carolina, Inc., Policy No. 136-00-328501-0 dated March 15, 1995:

2. Easement(s) to Southern Bell Telephone and Telegraph Company recorded in Book 777 Page 553, Mecklenburg County Registry. Not shown because of insufficient description. See also Southern Bell utilities depicted on Map Book 3 Page 581.
3. Easement(s) to Southern Bell Telephone and Telegraph Company recorded in Book 790 Page 307, Mecklenburg County Registry. Located within alleys which are shown hereon.
4. Easement(s) to Southern Bell Telephone and Telegraph Company recorded in Book 1091 Page 429, Mecklenburg County Registry. Not shown because of insufficient description; easement is for 1 pole anchor.
5. Easement(s) to Duke Power Company recorded in Book 1197 Page 219, Mecklenburg County Registry. Shown hereon.
7. Deed recorded in Book 1161 Page 115, Mecklenburg County Registry, dedicates a strip of land at the westerly margin of the subject property to public use. Shown hereon.

FLOOD NOTES:
* The subject property is not located within a Special Flood Hazard Area as per FIRM Panel No. 370159 0186E dated February 4, 2004.

TOPO NOTE:
* The contour lines shown hereon were taken from City of Charlotte topographic map which is based upon aerial photography and should be considered approximate NAVD 1988 datum.

60 0 60 120 180
Scale: 1" = 60'

LEGAL DESCRIPTION

BEING all that certain tract or parcel of land located within the City of Charlotte, Mecklenburg County, N.C. and being more particularly described as follows:

BEGINNING at a new pk nail located at the intersection of the southwesterly margin of West Summit Avenue, said right of way having a width of 60 feet as recorded in Map Book 230 Page 297 of the Mecklenburg County Registry, and the northwesterly right of way margin of Merriman Avenue, said right of way having a width of 50 feet as recorded in Map Book 332 Page 286 of the Mecklenburg County Registry, and running thence from said point and place of BEGINNING along the northwesterly margin of the said Merriman Avenue South 56-30-25 West 195.17 feet to an existing iron pipe; thence South 33-31-09 East 4.31 feet to a new iron pipe located on the northwesterly right of way margin of the said Merriman Avenue as it narrows in width to 40 feet as recorded in Map Book 230 Page 297; thence continuing with the northwesterly margin of the said Merriman Avenue South 56-30-25 West 109.78 feet to an existing iron pipe; thence following the northeasterly boundary of Lot 23 of Wilmore Section #2 as recorded in the said Map Book 230 Page 297 of the Mecklenburg County Registry North 33-31-09 West 154.94 feet to a new iron pipe located in the northwesterly margin of a 10-foot alley as shown on the said Map Book 230 Page 297 of the Mecklenburg County Registry; thence following the northwesterly margin of the said 10-foot alley the following six (6) calls: (1) South 56-30-00 West 100.00 feet to a new iron pipe, (2) South 64-01-12 West 45.38 feet to an existing iron pin, (3) following the arc of a circular curve to the right having a radius of 643.00 feet and an arc length of 230.39 feet (chord bearing South 70-53-33 West 229.16 feet) to a point, (4) South 81-08-00 West 52.05 feet to a point, (5) following the arc of a circular curve to the left having a radius of 1,042.87 feet and an arc length of 374.65 feet (chord bearing South 70-50-30 West 372.64 feet) to a point and (6) South 60-33-00 West 52.63 feet to an existing iron pin; thence following the northwesterly right of way margin of Spruce Street, said right of way having a width of 40 feet as recorded in the said Map Book 230 Page 297, the following two (2) calls: (1) following the arc of a circular curve to the left having a radius of 430.00 feet and an arc length of 33.95 feet (chord bearing North 49-37-34 West 33.94 feet) to an existing iron pin and (2) following the arc of a circular curve to the right having a radius of 305.00 feet and an arc length of 189.18 feet (chord bearing North 34-43-38 West 186.16 feet) to a new iron

(continued above)

A.G. ZOUTEWELLE
SURVEYORS
1418 East Fifth St. Charlotte, NC 28204
Phone: 704-372-9444 Fax: 704-372-9555

(Legal Description continued)

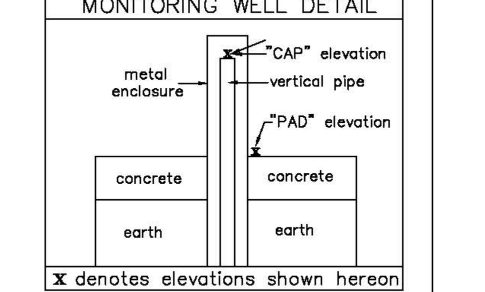
pipe; thence North 74-27-41 East 10.00 feet to a new iron pipe; thence following the northeasterly right of way margin of the said Spruce Street as it has been widened to 50 feet in width as recorded in Map Book 7 Page 291 of the Mecklenburg County Registry the following two (2) calls: (1) following the arc of a circular curve to the left having a radius of 377.78 feet and an arc length of 289.23 feet (chord bearing North 37-28-18 West 282.22 feet) to a point and (2) following the arc of a circular curve to the left having a radius of 495.00 feet and an arc length of 237.73 feet (chord bearing North 73-48-21 West 235.45 feet) to a new iron pipe; thence along the easterly boundary of the Mecklenburg County property as recorded in Deed Book 9276 Page 437 of the Mecklenburg County Registry and along the westerly boundary of a Public Street Right of Way as recorded in Deed Book 1161 Page 115 of the Mecklenburg County Registry North 00-45-29 West 126.87 feet to an existing iron pin; thence along the southerly and easterly boundaries of Piedmont Natural Gas Company as recorded in Deed Book 8095 Page 329 the following four (4) calls: (1) North 89-23-22 East 73.12 feet to an existing iron pin, (2) following the arc of a circular curve to the left having a radius of 573.69 feet and an arc length of 243.04 feet (chord bearing South 89-25-58 East 241.23 feet) to a new iron pipe, (3) following the arc of a circular curve to the right having a radius of 151.66 feet and an arc length of 26.53 feet (chord bearing North 83-42-08 East 26.50 feet to a new iron pipe and (4) North 02-34-17 East (passing existing iron pins at 14.29 feet and an additional 125.01 feet) a total distance of 238.90 feet to an existing iron pin located in the centerline of the Norfolk-Southern Railway Southbound track; thence following the centerline of the said Norfolk-Southern Railway Southbound track the following two (2) calls: (1) South 87-31-48 East 628.44 feet and (2) following the arc of a circular curve to the left having a radius of 3,288.38 feet and an arc length of 365.43 feet (chord bearing North 89-37-59 East 365.24 feet) to a new iron pipe set at the intersection of the centerline of the said Norfolk-Southern Railway and the southwesterly right of way margin of the aforesaid West Summit Avenue; thence along the southwesterly right of way margin of the said West Summit Avenue South 33-30-00 East 552.13 feet to the point and place of BEGINNING, containing 18.9692 acres as shown on a survey prepared by Andrew G. Zoutewelle dated March 25, 2004.

ADDITIONAL SAMPLE LOCATIONS APRIL – MAY 2006

Node ID	Description	Northing	Easting	Elevation
426	B13-26	4778.63	4270.55	688.25
427	B16-03	4696.84	4390.79	686.43
428	B16-04	4659.30	4451.27	686.18
429	SV01 BASE	4593.92	4480.32	688.32
430	SV01 TOP	4593.63	4480.15	690.74
436	B13-25	4827.52	4161.65	688.17
437	B13-23	4912.86	4136.74	688.05
438	B13-21	4945.91	4212.90	687.95
439	B13-24	4908.46	4277.66	688.66
442	B13-18	5093.61	4276.93	685.65
443	B13-19	5080.32	4176.26	683.75
445	B13-22	4951.30	4082.72	686.23
446	NORTHRD-01	5082.10	4461.71	686.63
447	NORTHRD-03	5083.10	4582.49	687.09
448	B13-27	5094.02	4596.27	687.10
450	NORTHRD-04	5071.16	4799.76	687.33
451	B2-10	5082.55	4800.92	687.28
452	NORTHRD-05	5056.38	4798.92	687.48
453	B2-09	5074.19	4901.53	687.32
455	B13-20	5024.84	4107.27	684.88
458	B12-05	4967.02	4602.00	691.36
459	B12-07	4940.15	4579.32	691.39
460	B12-08	4885.84	4609.73	691.31
462	B13-17A	5045.39	4541.67	691.31
463	B13-17B	5037.68	4548.44	691.36
464	B2-11	5027.10	4796.73	691.25
465	B18-02	4803.11	4739.60	691.34
469	B12-06	4825.42	4555.98	691.38
470	B13-16	4925.85	4415.07	691.56
471	NORTHRD-02	5103.35	4462.83	685.59
472	B21-11	5073.73	3946.48	665.07
473	B21-12	5062.16	3901.17	663.54
475	DA05B	4865.90	3900.99	657.41
476	DA05A	4869.65	3913.67	660.71
478	SV02BASE	4732.27	3869.80	664.87
479	SV02TOP	4732.27	3869.80	667.77
481	SV03	4833.42	3549.67	650.56
484	SE-06E	5137.21	4992.69	682.11
485	SE-06NE	5202.25	4974.22	679.68
487	SE-06N	5174.44	4788.92	683.55
488	SE-07UP	5125.19	4596.61	682.97
489	SE-07DN	5123.21	4544.28	682.83

Node ID	Description	Northing	Easting	Elevation
5	MW B12-01	5028.10	4592.13	691.23
8	MW B2-04	5016.63	4897.90	687.44
23	MW BG-B2D	4997.66	4986.54	688.49
24	MW BG-B2I	4990.32	4983.50	688.34
37	B12-01	5030.94	4597.48	691.14
39	MW B15-01	4887.50	4671.02	691.06
42	MW B3-02S	5035.55	4722.19	691.08
43	MW B13-01	5044.90	4414.29	691.36
44	B13-01	5045.39	4412.11	691.30
56	B6-01	4764.32	4673.45	691.17
57	B6-05	4764.67	4669.98	691.13
58	B6-08	4784.34	4676.15	691.19
59	B6-06	4774.31	4647.81	691.19
60	B6-07	4790.73	4648.90	691.16
61	B6-09	4783.18	4652.08	691.18
65	MW-1	4685.57	4536.15	689.24
69	B11-01	4801.08	4488.61	690.63
74	MW B6-02	4753.81	4667.34	690.99
91	B16-02	4660.30	4404.04	685.38
95	MW B4-12S PAD	4676.08	4618.83	690.16
96	MW B4-12S CAP	4676.05	4618.94	693.38
108	MW BG-B4I PAD	5050.55	4193.40	685.35
113	MW BG-B4I CAP	5050.67	4193.13	688.30
109	MW BG-B4S PAD	5048.53	4182.29	684.99
112	MW BG-B4S CAP	5048.68	4181.90	687.92
110	MW BG-B4D PAD	5038.67	4170.72	685.38
111	MW BG-B4D CAP	5038.51	4170.51	688.35
121	MW BG-B3D PAD	4719.12	4252.81	687.11
127	MW BG-B3D CAP	4719.24	4252.47	689.18
122	MW BG-B3I PAD	4723.84	4236.26	686.59
126	MW BG-B3I CAP	4723.82	4235.94	689.69
123	MW BG-B3S PAD	4726.39	4227.30	686.45
125	MW BG-B3S CAP	4726.39	4227.02	689.34
136	MW B5D PAD	4909.51	3558.57	645.10
141	MW B5D CAP	4909.91	3558.72	646.87
137	MW B5I PAD	4895.95	3553.77	645.33
140	MW B5I CAP	4896.31	3553.76	648.23
138	MW B5S PAD	4887.17	3553.64	645.42
139	MW B5S CAP	4887.39	3553.77	647.99
150	SWSE 05	4949.09	3588.93	640.99
173	SWSE 08	5100.97	3896.46	661.63
182	B10-06	5099.48	4186.65	671.60
193	B1-02	5062.77	4652.84	687.55
194	MW B1-02S PAD	5062.90	4649.41	687.69
195	MW B1-02S CAP	5062.97	4649.13	690.52
203	SWSE 04	4885.22	3852.10	649.41
223	SWSE 03	4673.31	4154.04	669.37
229	B10-05	4631.56	4368.89	674.49
234	SWSE 02	4578.50	4409.64	677.76
245	MW B4-02D	4738.51	4822.24	690.60
246	MW B4-02I	4737.77	4836.93	690.57
247	MW B4-02S	4748.07	4829.48	691.11
255	SWSE 01	4580.11	4720.94	693.29
266	MW BG-B1I	4679.23	5141.80	704.10
267	MW BG-B1D	4685.67	5151.59	703.96
268	MW BG-B1S	4696.58	5169.45	703.85
292	SWSE 06	5128.79	4902.79	686.98
293	SWSE 07	5122.86	4563.97	682.68
294	BORING–no ID	4756.65	4829.88	691.27
295	B4-06	4793.82	4837.67	691.36
296	B4-10	4770.38	4897.05	691.25
297	B4-11	4933.35	4853.49	691.26
313	B16-01	4667.80	4557.76	690.00
315	B4-09	4839.02	4876.18	691.24
316	B4-08	4895.35	4840.15	691.19
317	B4-07	4843.47	4832.31	691.21
320	B15-05	4911.81	4983.31	691.17
324	B15-04	4834.48	4975.41	691.10
326	B14-01	4876.90	3924.49	668.49
328	B15-03	4878.91	4919.77	691.20

ABOVE-GRADE MONITORING WELL DETAIL

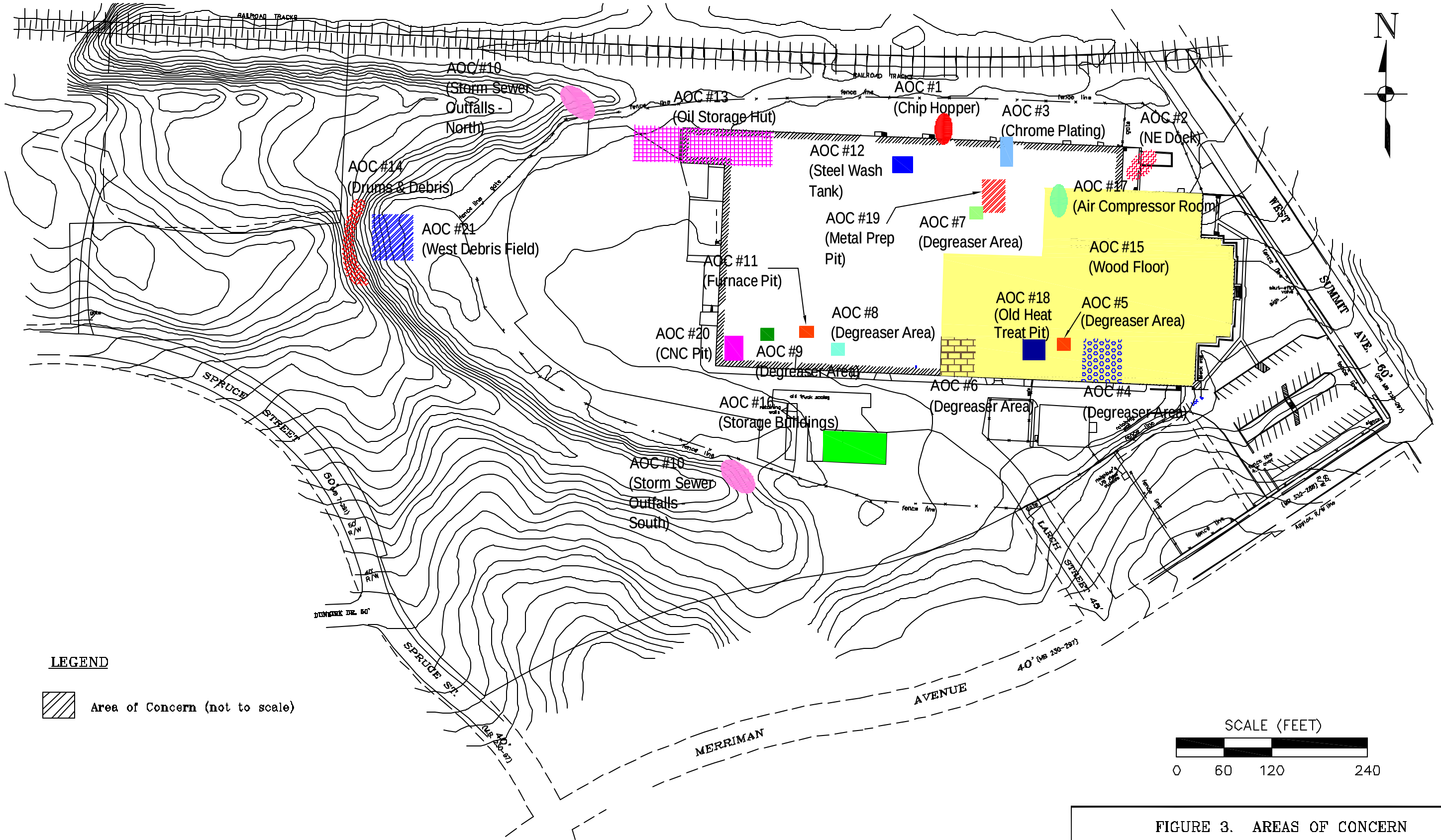


x denotes elevations shown hereon

(NOTE: For monitor wells installed flush with the ground or floor surface, the elevations given are surface elevation followed by top-of-pipe elevation, e.g. 651.68/651.17)

ADDITIONAL SAMPLE LOCATIONS OCTOBER–NOVEMBER 2005

Node ID	Description	Northing	Easting	Elevation	Node ID	Description	Northing	Easting	Elevation
5	B10-16	4763.75	4488.12	690.54	350	B10-09	4747.75	4779.17	690.82
6	B10-15	4761.81	4526.66	691.10	351	B10-08	4749.70	4821.23	690.96
7	MW B16-02B PAD	4663.16	4406.20	685.84	352	B18-01	4788.61	4766.83	691.30
8	MW B16-02B CAP	4663.11	4405.98	688.64	353	B3-06	5009.84	4721.32	691.20
9	crnr Test Pit 2	4813.72	4239.46	688.26	354	B19-05	4989.46	4715.90	691.20
10	crnr Test Pit 2	4813.12	4243.81	688.27	355	B19-06	4974.20	4715.23	691.26
11	crnr Test Pit 2	4835.84	4241.79	688.43	356	B19-02	4973.80	4724.95	691.24
12	B13-08	4852.42	4212.76	688.35	357	B19-03	4957.54	4724.20	691.24
14	centerline Test Pit 4	4945.95	4204.95	688.01	358	B19-07	4958.92	4714.51	691.25
15	centerline Test Pit 3	4889.03	4075.86	685.96	359	B19-08	4946.90	4713.96	691.29
16	B13-09	5056.44	4186.61	684.85	360	B19-04	4945.12	4724.03	691.27
17	B13-02	5046.15	4248.25	686.23	361	B15-06	4884.15	4740.51	691.29
18	B13-10	5077.56	4277.83	685.98	362	B20-01	4786.90	4377.83	691.48
19	B13-04	5048.55	4314.12	686.23	363	B20-02	4794.07	4374.12	691.46
20	B13-03	5023.89	4273.55	686.80	364	B13-11	4849.50	4413.14	691.41
21	B13-05	5019.59	4359.93	687.43	365	B13-12	5018.14	4423.84	691.48
24	B13-06	5071.19	4353.42	686.19	366	B12-04	5016.43	4598.74	691.48
25	B10-17	5074.88	4382.96	686.19	367	B12-02	5042.30	4592.43	691.39
26	B10-21	5070.92	4460.38	686.56	368	B13-15	5042.65	4474.75	691.36
27	B10-18	5066.13	4553.43	687.51	369	B13-14	5062.09	4429.45	691.40
28	B10-19	5061.37	4575.72	687.73	370	B13-07	5045.19	4386.32	691.37
29	B1-05	5069.71	4594.64	687.48	371	B13-13	5035.50	4348.91	687.07
30	B1-02	5063.14	4652.69	687.63	372	B12-03	5032.57	4616.11	691.38
31	B1-03	5078.24	4647.55	686.91	373	B3-05	5038.10	4705.73	691.25
32	B1-06	5090.93	4650.66	687.04	374	B3-04	5025.37	4724.44	691.20
33	B1-04	5057.09	4683.68	687.66	375	B19-01	4988.77	4726.12	691.31
34	B3-08	5064.76	4699.06	687.31	376	B3-03	5045.58	4725.74	691.32
35	B3-10	5086.76	4726.42	687.13	377	B3-07	5036.23	4744.61	691.34
36	B3-09	5058.99	4723.09	687.37	378	B2-06	5021.12	4857.60	691.27
37	B3-11	5057.73	4737.59	687.55	379	B2-05	5005.11	4879.93	691.20
329	centerline Test Pit 6	4906.10	4002.20	683.07	380	B2-07	5036.75	4881.25	691.16
330	B21-08	4924.18	3969.20	683.97	381	B4-08B	4893.62	4839.93	691.31
331	B21-04	4945.16	3934.09	682.87	382	B2-02	5004.30	4891.43	687.45
332	B21-06	4929.04	3928.50	680.75	383	B2-03B	5029.45	4893.22	687.65
333	B21-05	4981.95	3999.59	685.18	384	B2-03	5031.74	4893.44	687.65
334	B21-07	4954.35	3991.97	684.17	385	B2-08	5056.38	4892.15	687.40
335	B21-01	4965.30	3960.97	684.29	386	B10-22	5023.35	4949.12	687.58
336	centerline Test Pit 5	4964.19	3956.41	683.13	387	B10-20	5016.21	4939.65	687.02
337	B21-03	4982.10	3952.10	682.28	388	B2-04B	5014.55	4898.74	687.59
338	B21-02	4968.25	3931.46	681.40	389	SE06-up	5091.51	4937.46	685.87
339	DA-05	4867.69	3915.06	660.31	390	SE06-dn	5126.83	4882.59	683.94
340	B21-09	4976.41	3892.46	661.09	391	SE07-up	5127.41	4673.31	682.86
341	DA-01	4980.27	3902.41	663.59	392	SE07-dn	5126.34	4644.98	682.92
342	MW BGB5XD PAD	4875.48	3553.24	646.09	421	SE03-up	4667.31	4183.17	669.31
342	MW BGB5XD CAP	4875.48	3553.24	648.65	422	SE03-dn	4690.09	4133.63	668.49
343	MW B21-10 PAD	4997.96	3908.96	666.19	405	MW-BGB7D PAD	4831.86	2600.75	642.02
343	MW B21-10 CAP	4997.96	3908.96	668.09	406	MW-BGB7D CAP	4831.67	2600.41	645.27
344	DA-02	4953.47	3882.07	650.99	408	MW-BGB6D PAD	3385.33	1792.83	630.67
345	DA-03	4950.82	3887.30	655.23	409	MW-BGB6D CAP	3385.29	1793.04	633.25
346	DA-04	4934.25	3870.99	646.86	–	B1-02B	5061.78	4635.71	687.60
347	B10-14	4761.27	4548.60	690.69	–	B11-01B	4800.04	4481.77	690.63
348	B10-12	4740.61	4669.97	690.09	–	centerline Test Pit 1	4900.08	3921.71	671.50
349	B10-11	4749.21	4726.08	690.73	–	Tank 01	4950.70	3894.00	659.20



LEGEND

Area of Concern (not to scale)

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FIGURE 3. AREAS OF CONCERN

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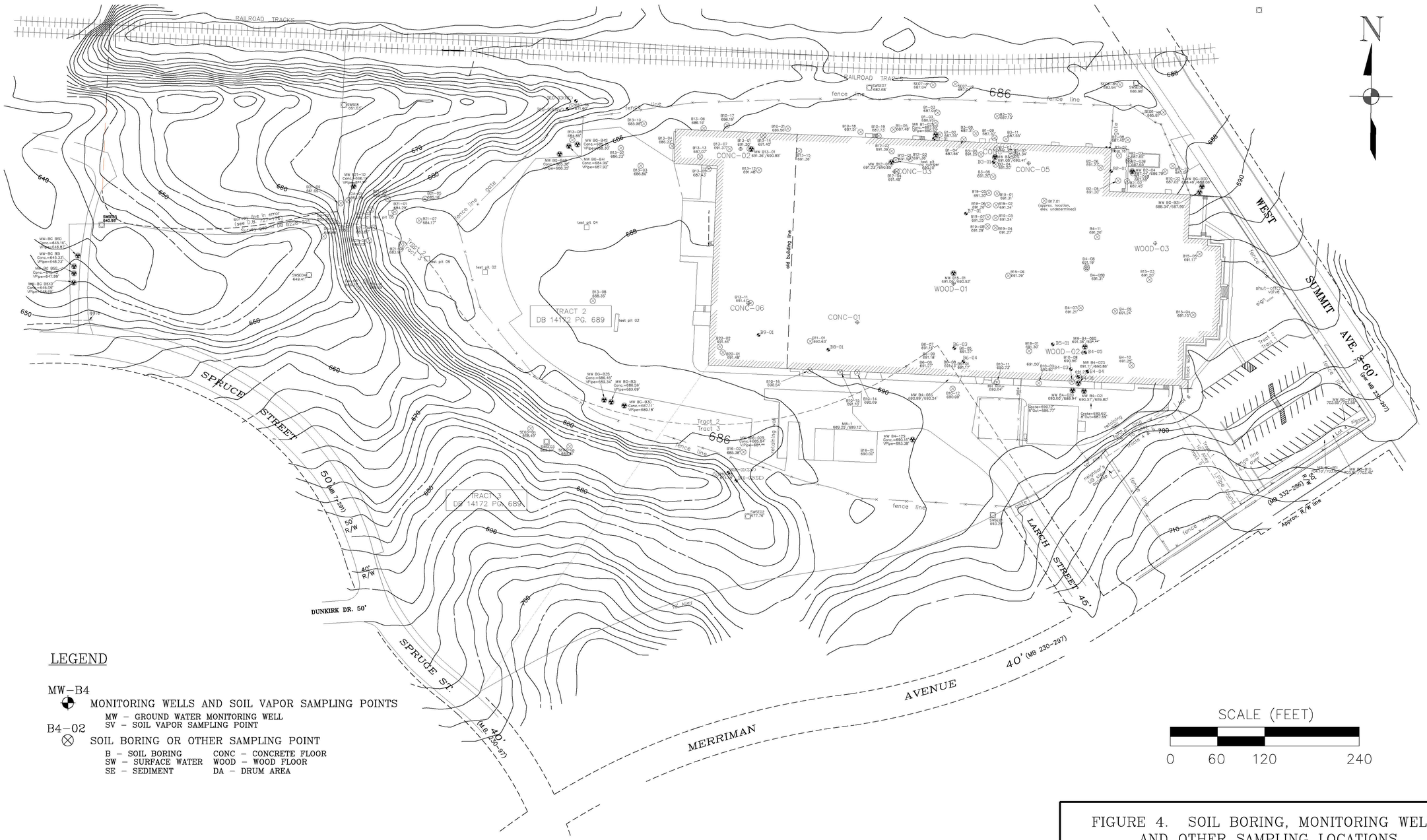
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

MW–B4
MONITORING WELLS AND SOIL VAPOR SAMPLING POINTS
MW – GROUND WATER MONITORING WELL
SV – SOIL VAPOR SAMPLING POINT

B4–02
SOIL BORING OR OTHER SAMPLING POINT
B – SOIL BORING
SW – SURFACE WATER
SE – SEDIMENT
CONC – CONCRETE FLOOR
WOOD – WOOD FLOOR
DA – DRUM AREA

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FIGURE 4. SOIL BORING, MONITORING WELL AND OTHER SAMPLING LOCATIONS

PHASE II REMEDIAL INVESTIGATION
FORMER COPES–VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

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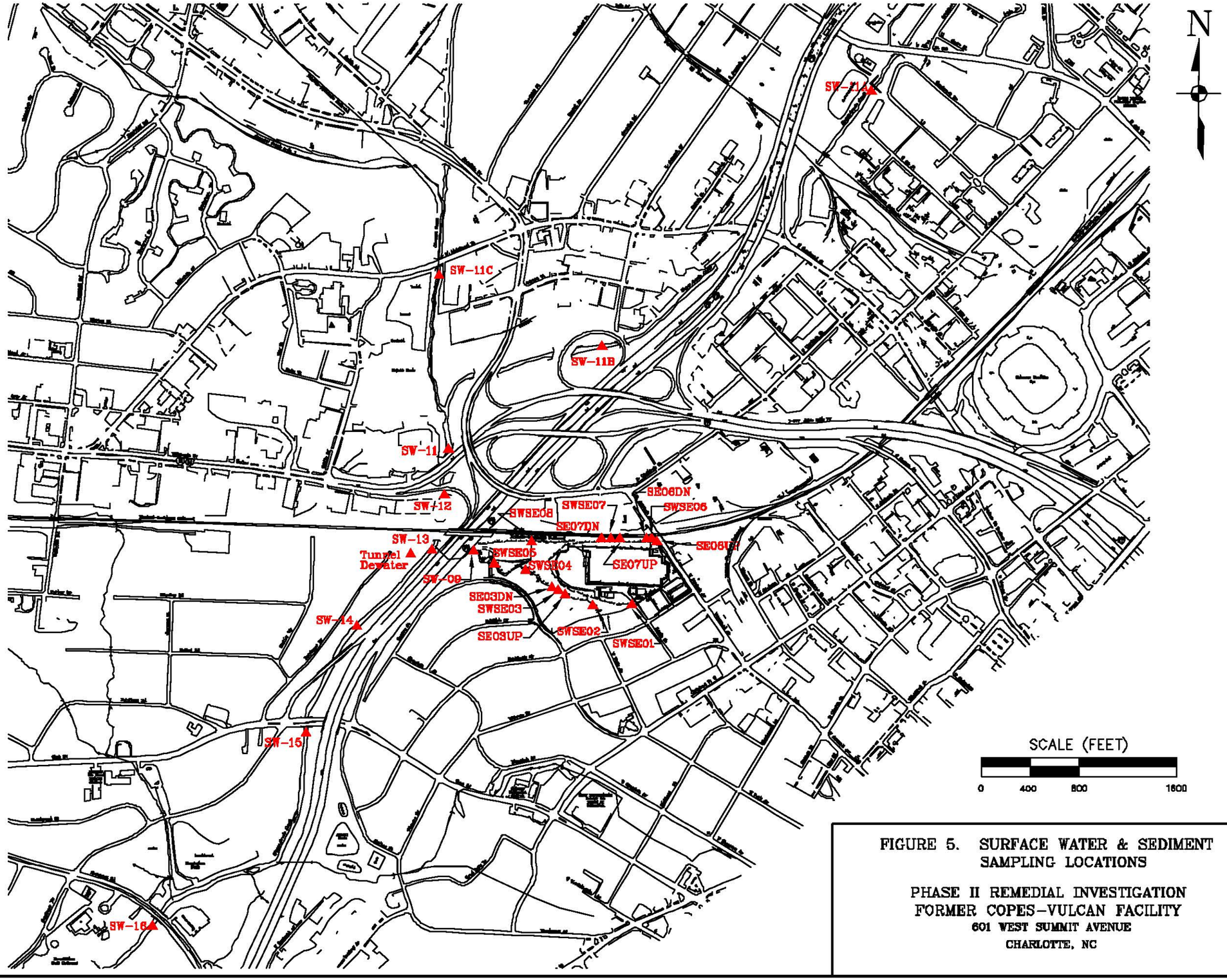

LEGEND

▲ SURFACE WATER (SW) & SEDIMENT (SE) SAMPLING LOCATIONS

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FIGURE 5. SURFACE WATER & SEDIMENT SAMPLING LOCATIONS

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
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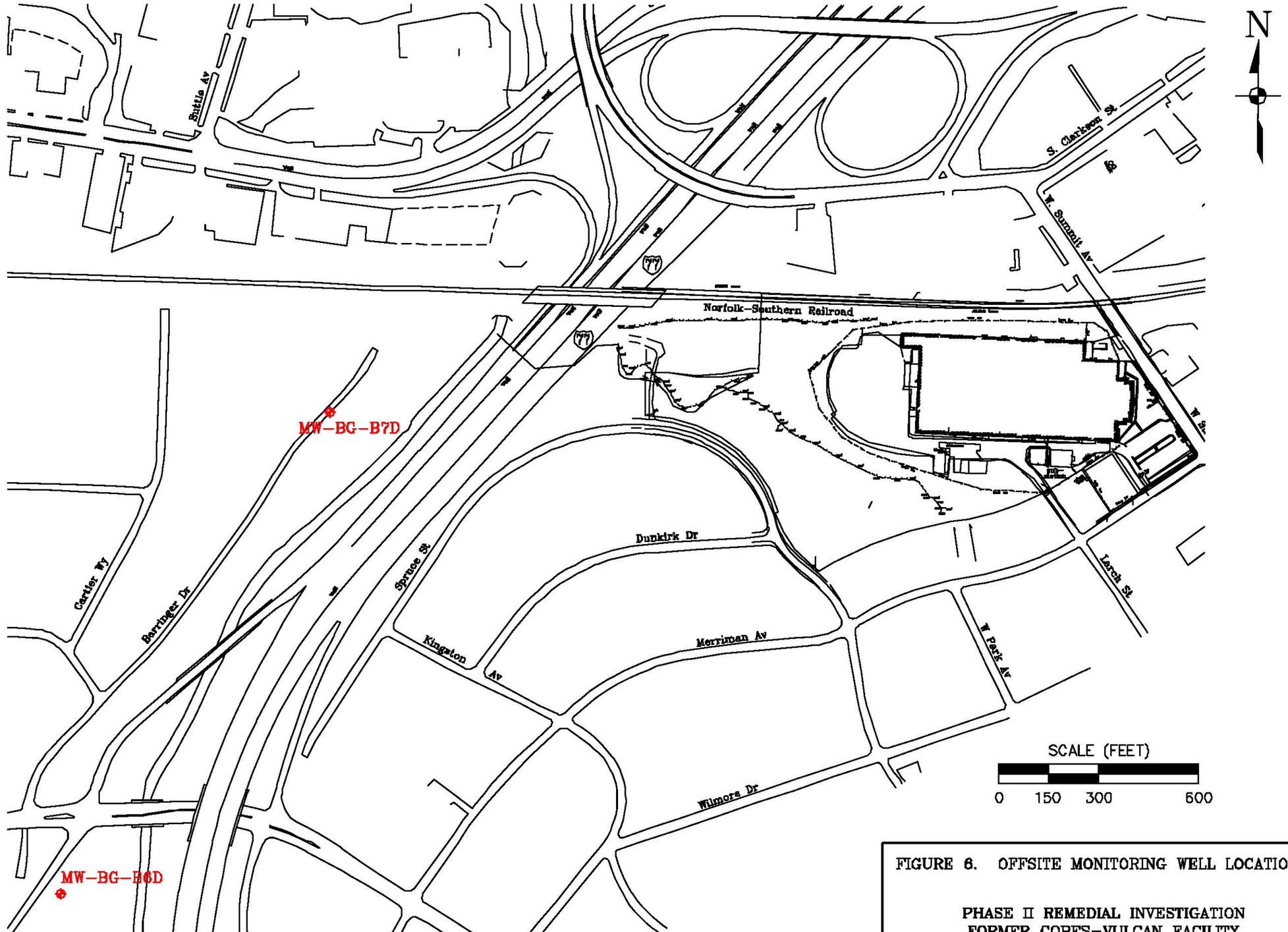

LEGEND

OFF-SITE MONITORING WELL LOCATIONS

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FIGURE 6. OFFSITE MONITORING WELL LOCATIONS

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FORMER COPES-VULCAN FACILITY
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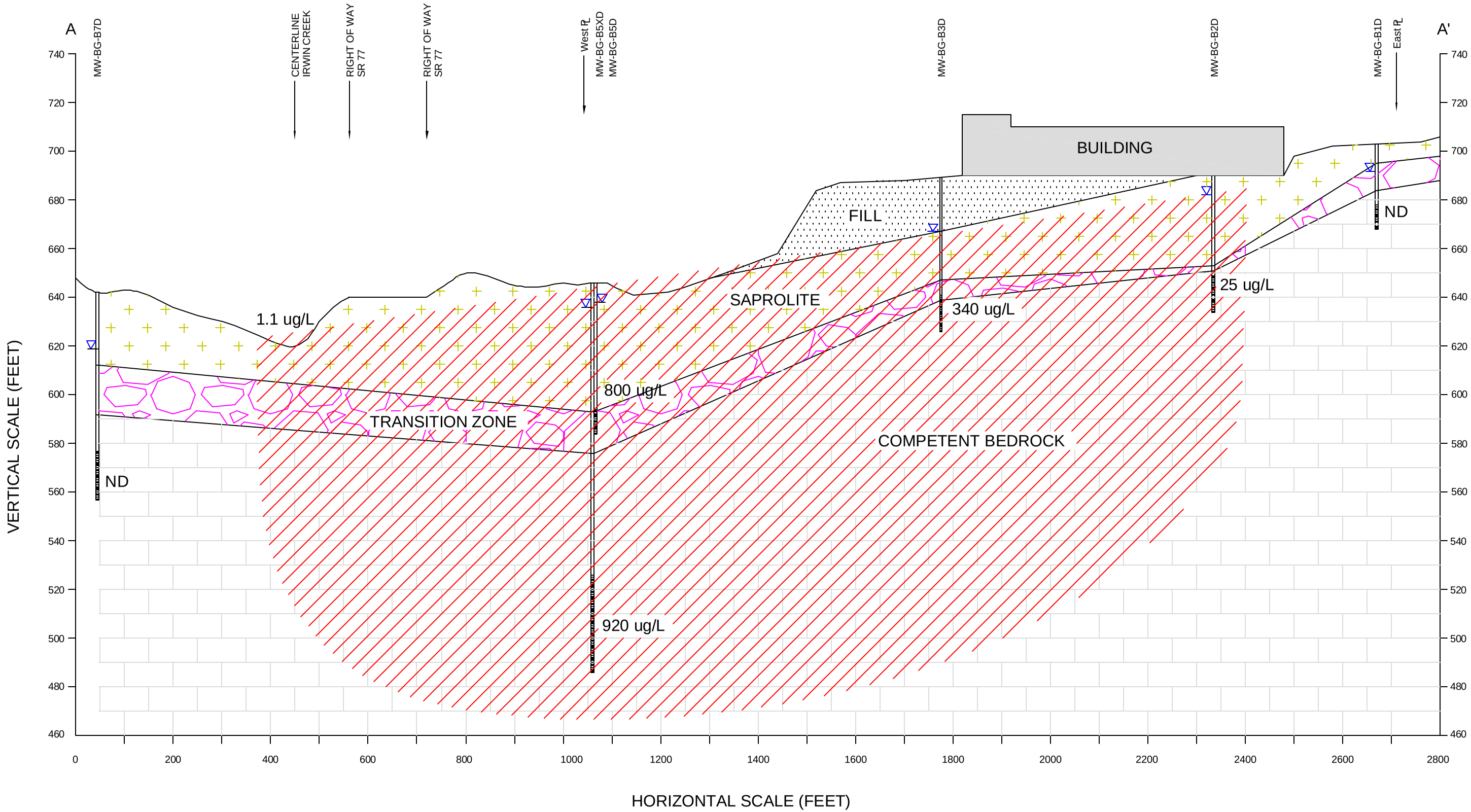

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FILL
SAPROLITE
TRANSITION ZONE
BEDROCK
APPROX. EXTENT OF CVOC'S IN GROUND WATER

WATER LEVEL
WELL
SCREEN
PCE CONCENTRATION
26 ug/L

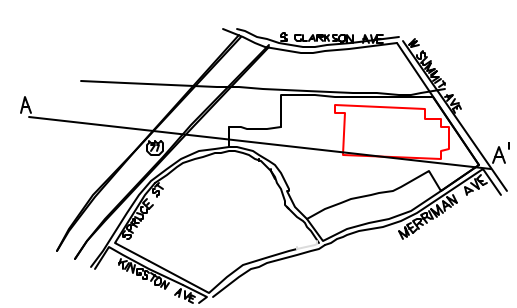

FIGURE 7. HYDROGEOLOGIC CROSS SECTION

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
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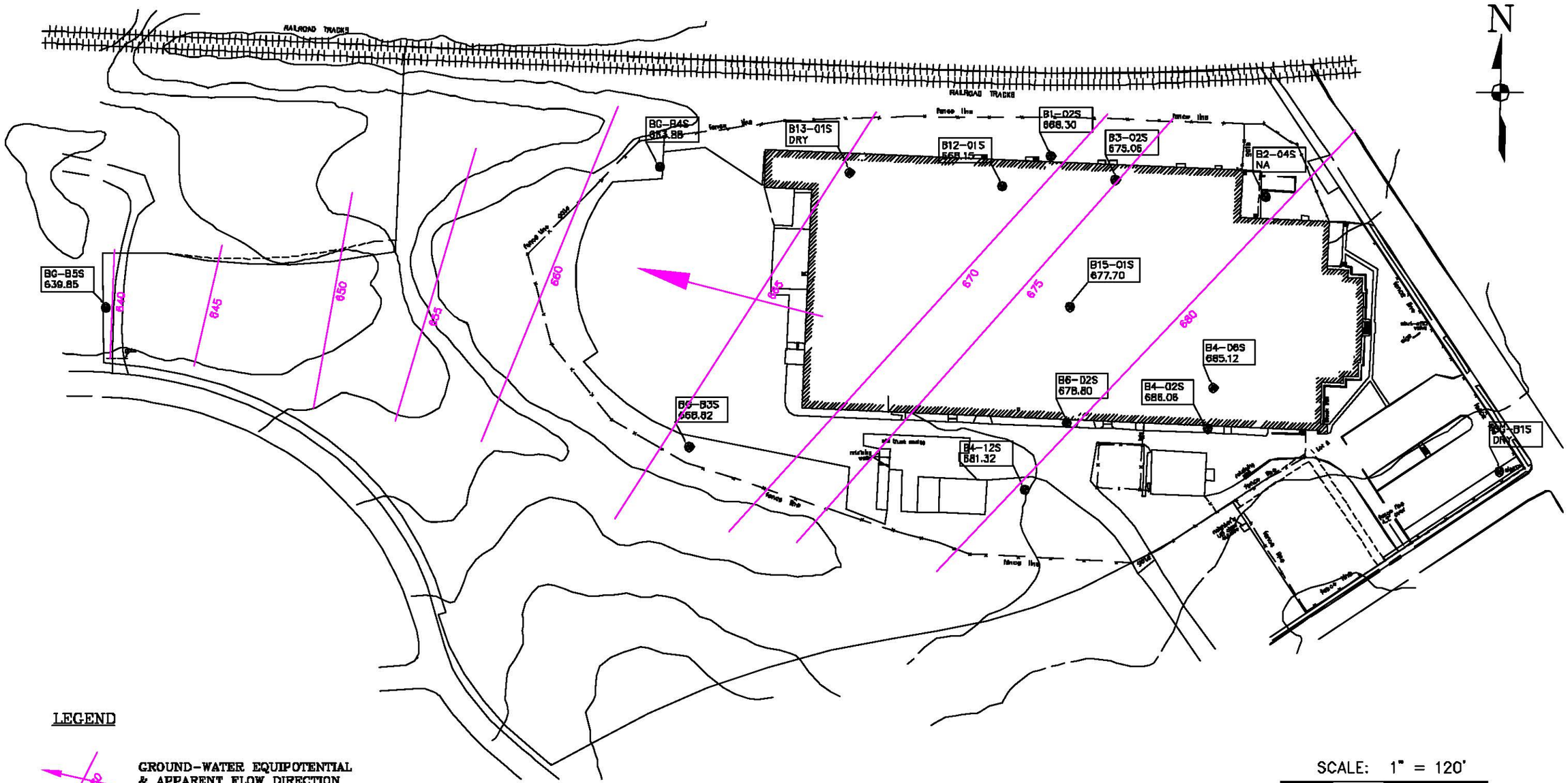

LEGEND

GROUND-WATER EQUIPOTENTIAL & APPARENT FLOW DIRECTION

BG-B2S NA — WELL ID & WATER SURFACE ELEVATION, FEET (3/3/06)

SCALE: 1" = 120'

0 60 120 240

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FIGURE 8. SHALLOW INTERVAL POTENTIOMETRIC SURFACE (3/3/06)

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

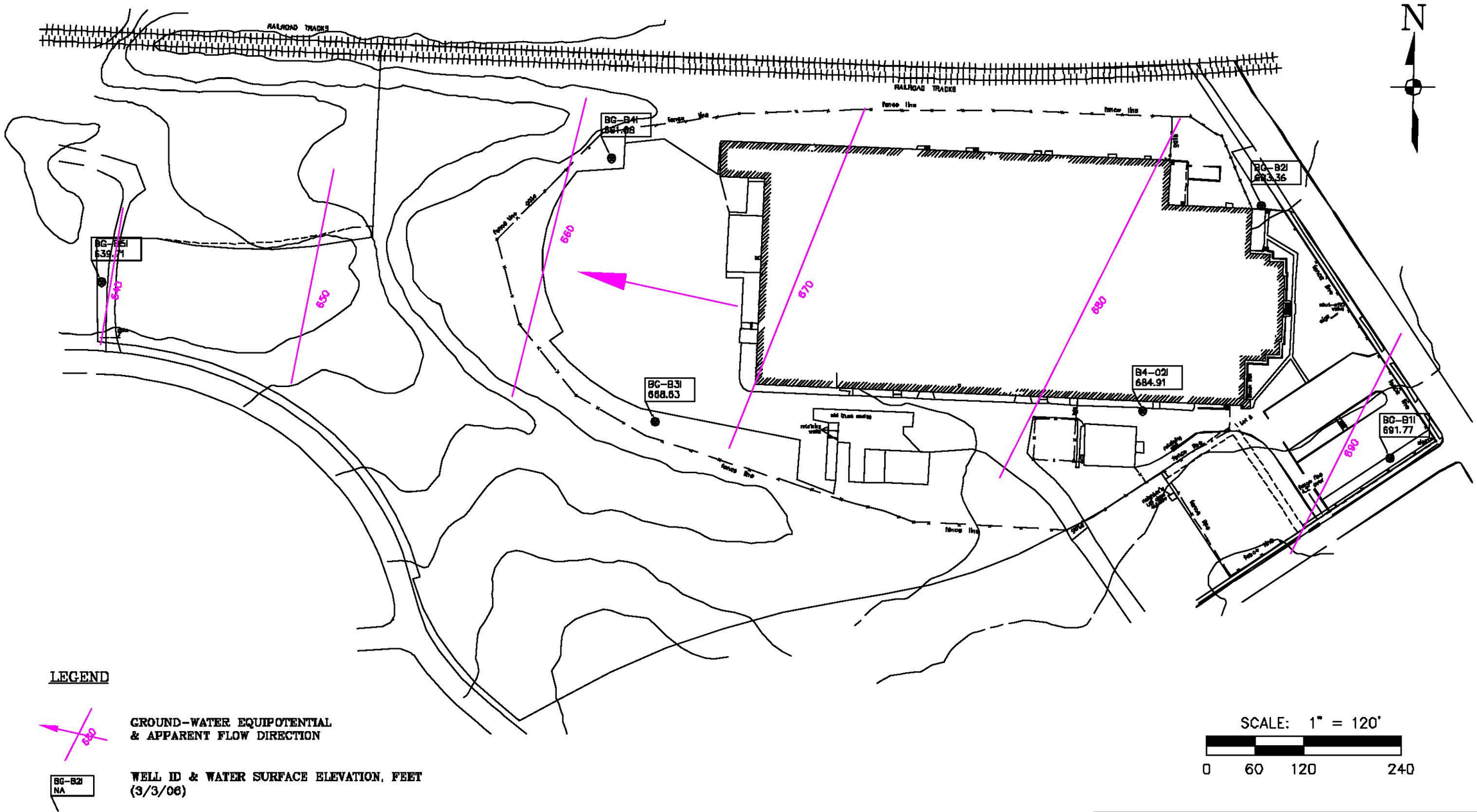

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FIGURE 9. INTERMEDIATE INTERVAL POTENTIOMETRIC SURFACE (3/3/06)

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

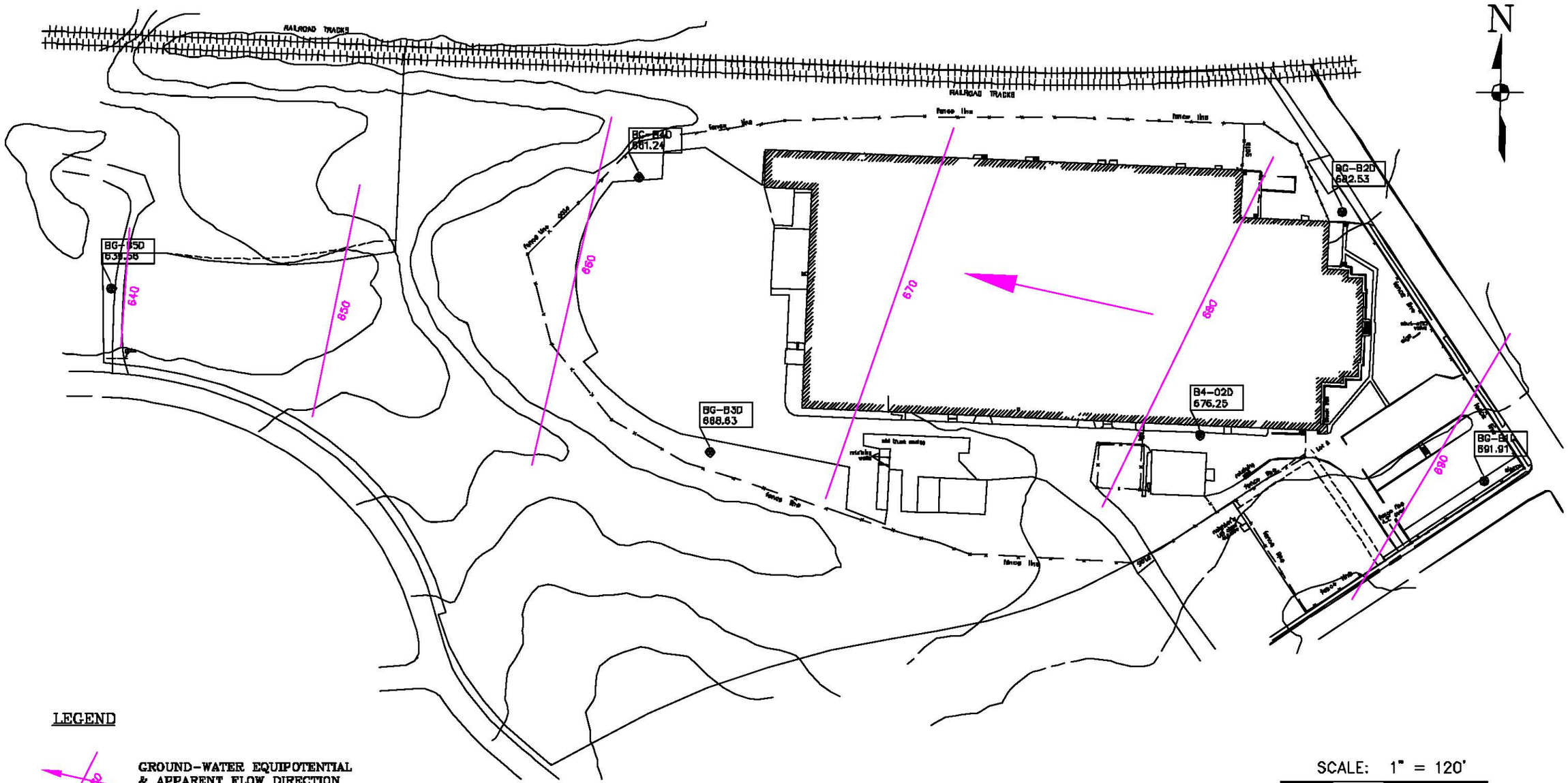

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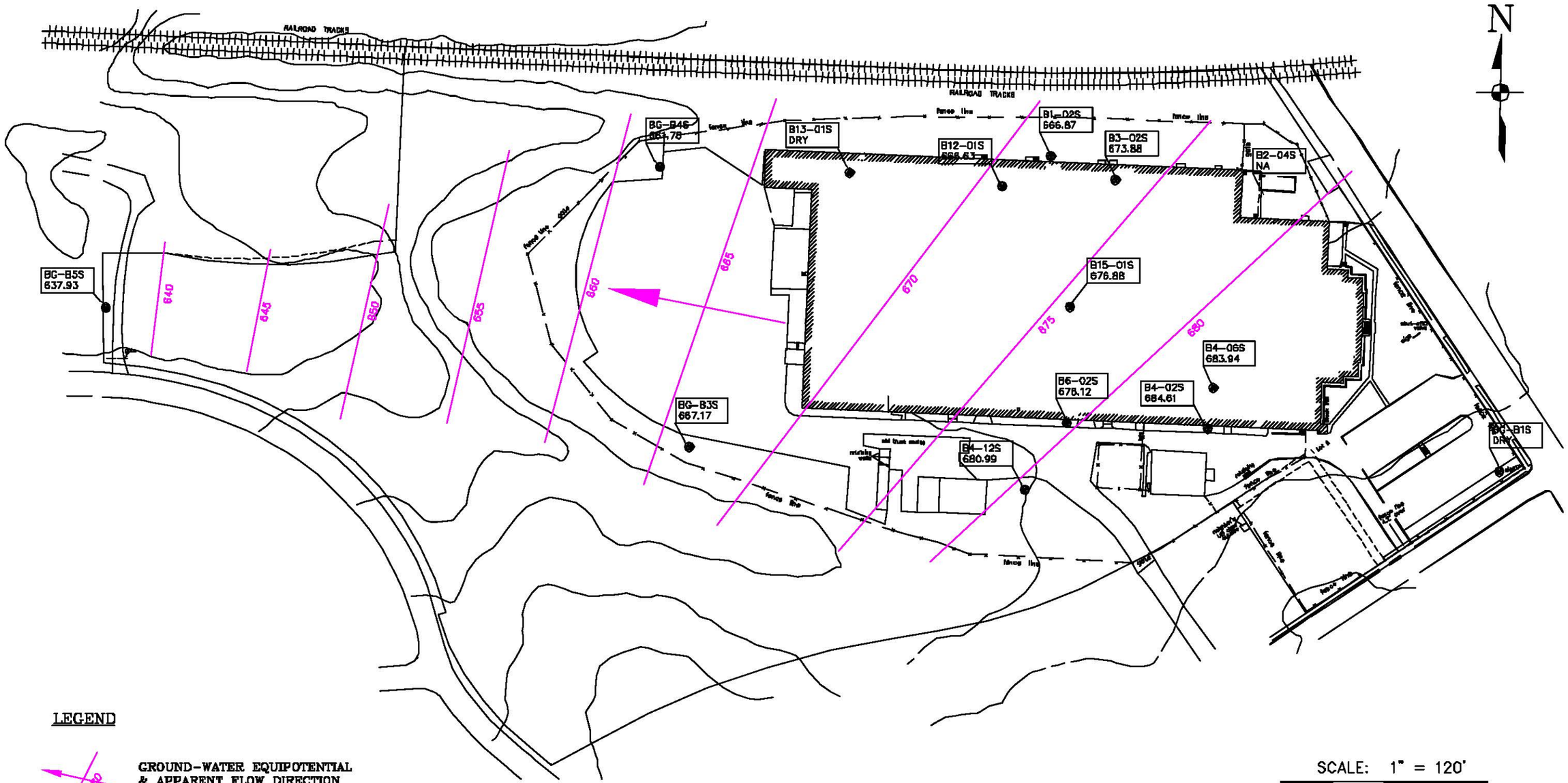
FIGURE 10. DEEP INTERVAL POTENTIOMETRIC SURFACE (3/3/06)

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

GROUND-WATER EQUIPOTENTIAL & APPARENT FLOW DIRECTION

BG-B2S
NA

WELL ID & WATER SURFACE ELEVATION, FEET (6/20/06)

SCALE: 1" = 120'

0 60 120 240

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FIGURE 11. SHALLOW INTERVAL POTENTIOMETRIC SURFACE (6/20/06)

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

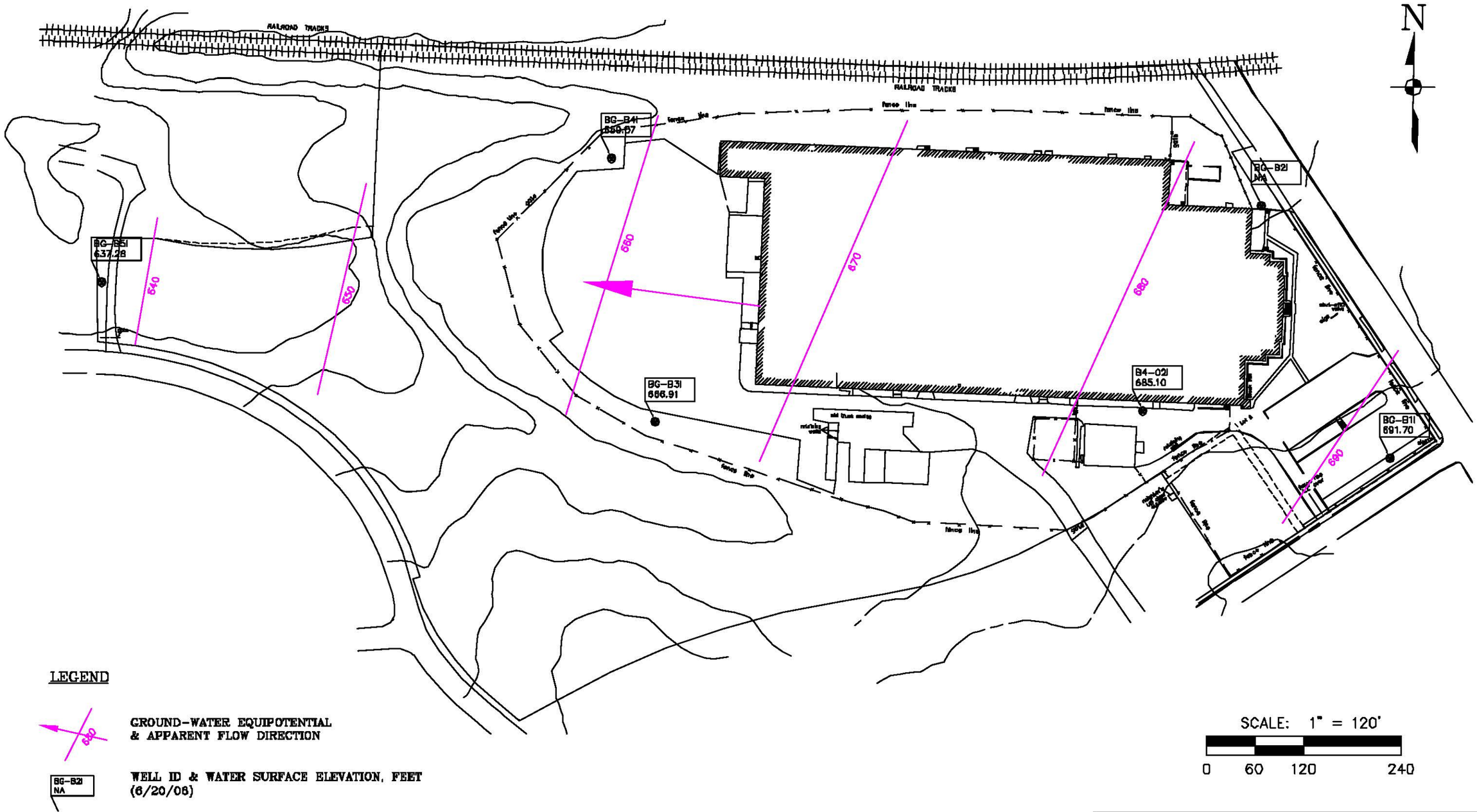

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FIGURE 12. INTERMEDIATE INTERVAL POTENTIOMETRIC SURFACE (6/20/06)

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

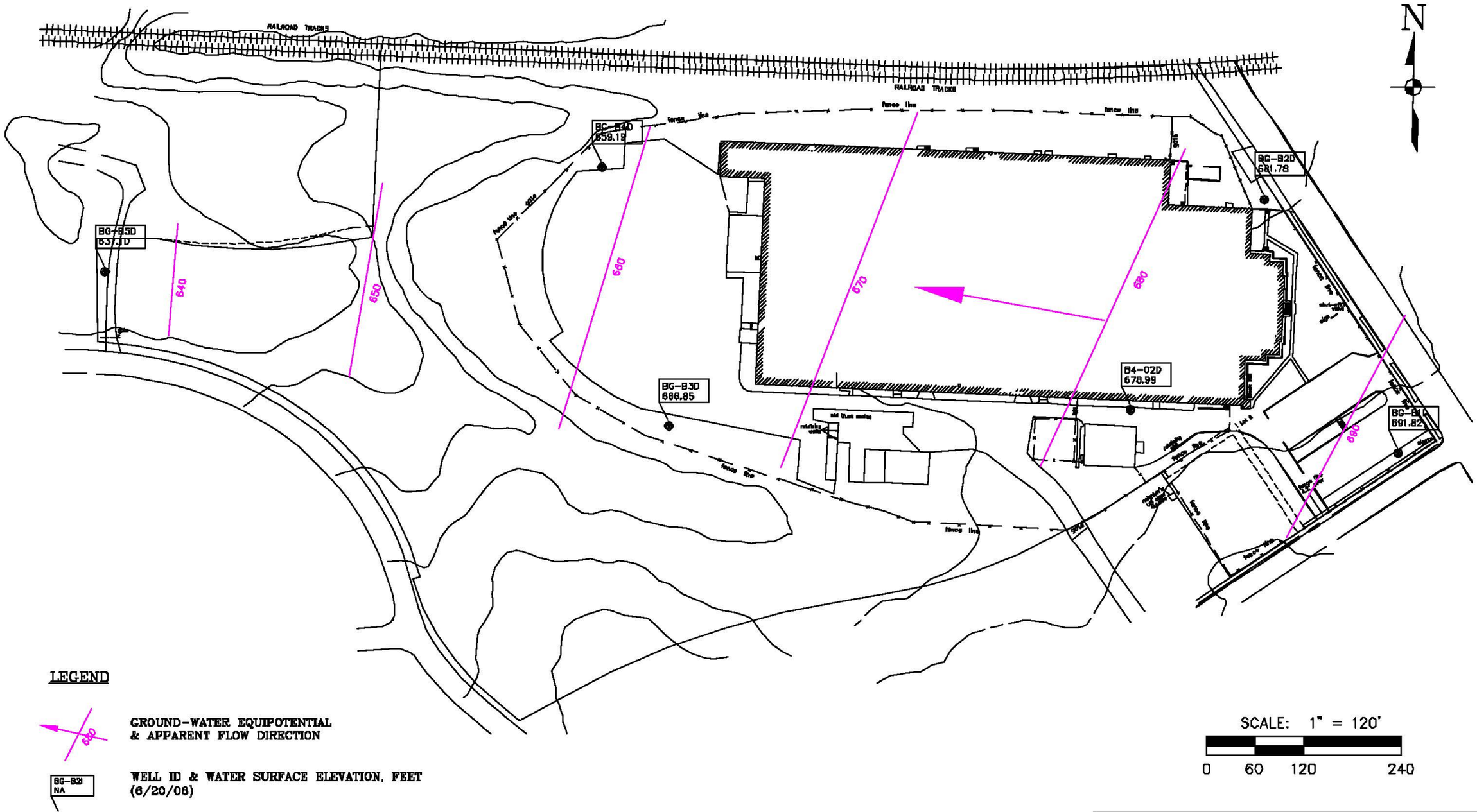

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FIGURE 13. DEEP INTERVAL POTENTIOMETRIC SURFACE (6/20/06)

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

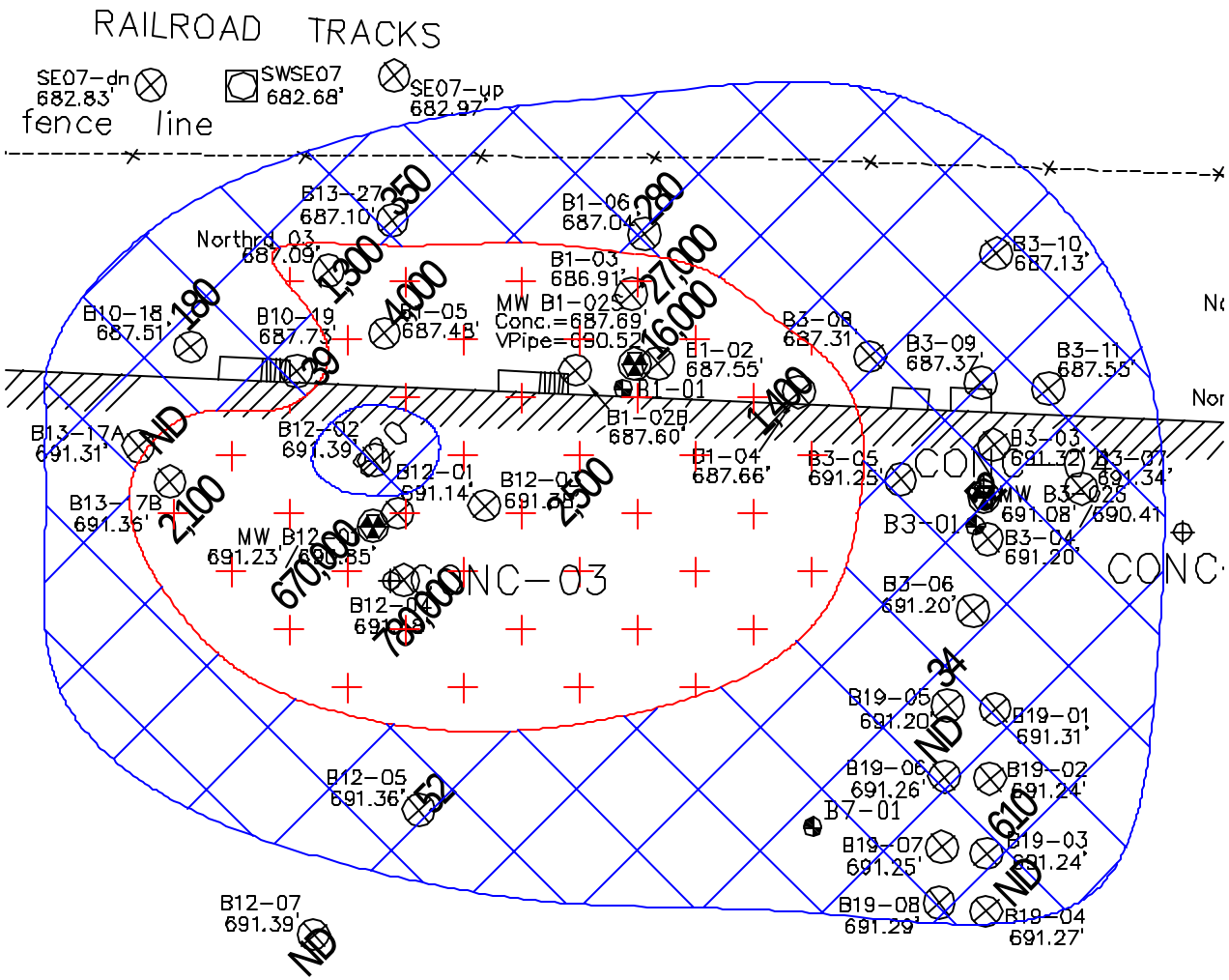

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FIGURE 14. PCB CONTAMINATION IN SITE SOIL AT AOC #1

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

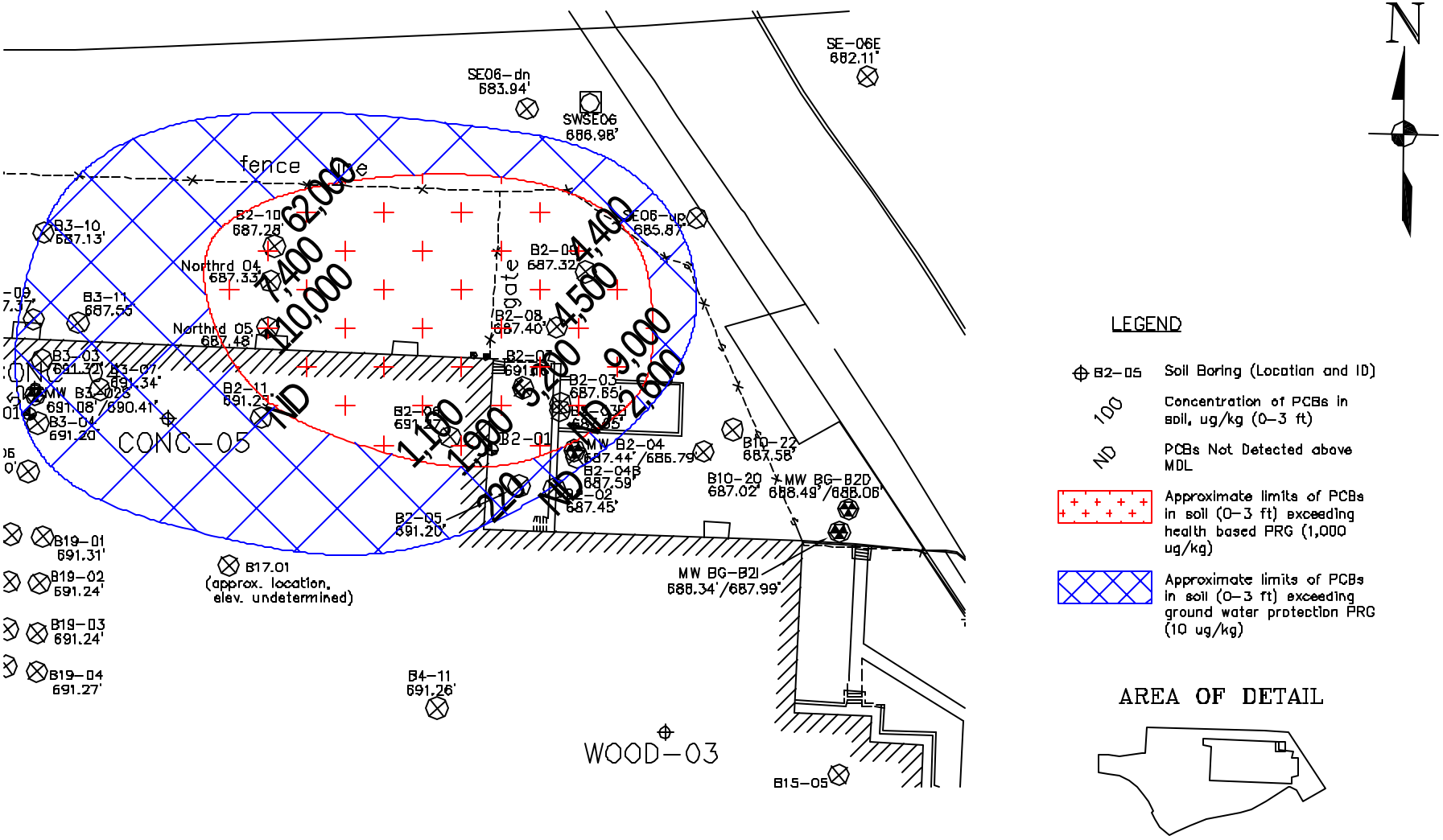

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FIGURE 15. PCB CONTAMINATION IN SITE SOIL AT AOC #2

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
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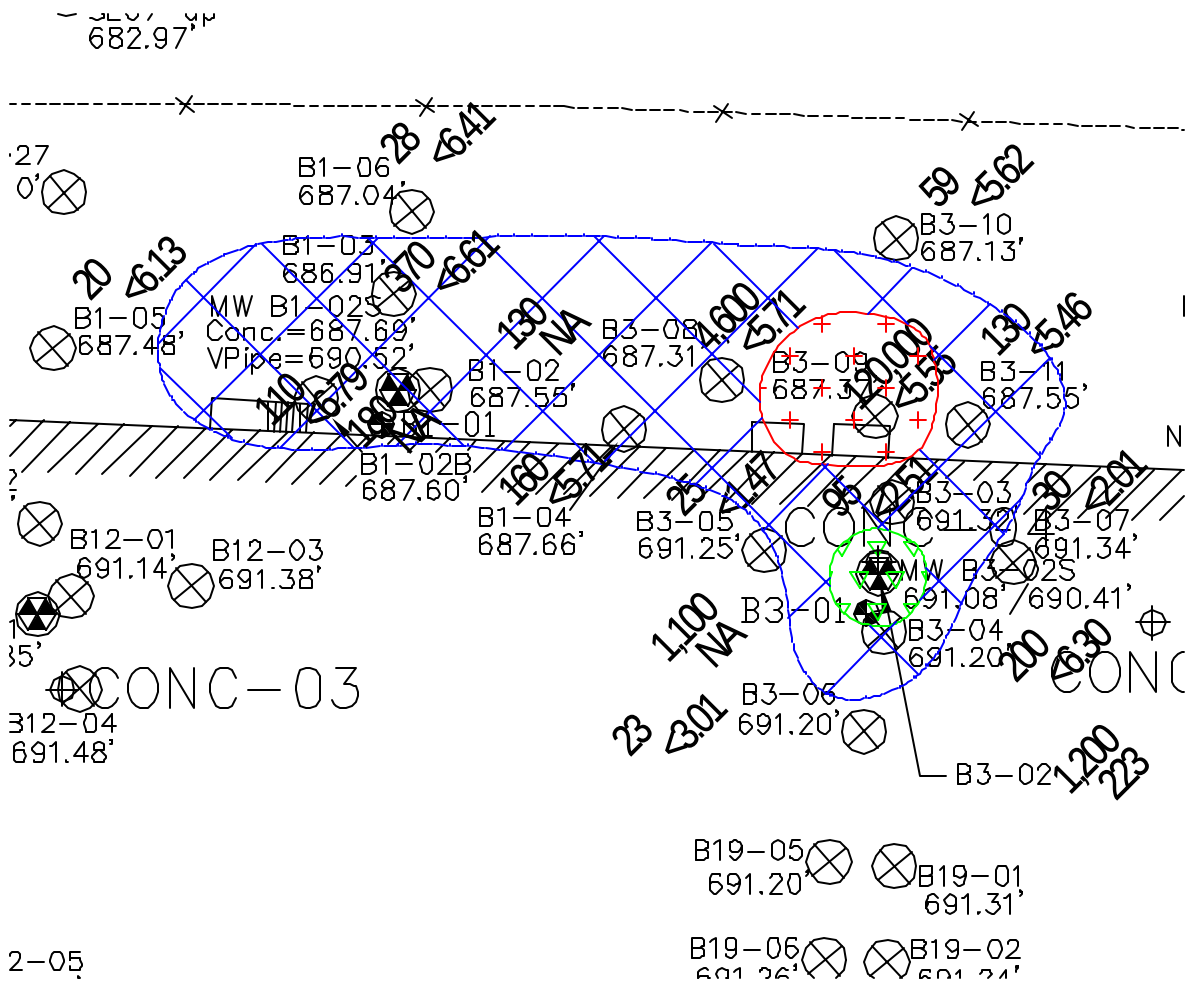
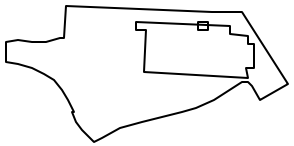


LEGEND

- B3-05 — Soil Boring (Location and ID)
- 59 <5.62 — Concentration of Total Cr and Hex-Cr, respectively, in soil, mg/kg (0-4 ft)
- Approximate limits of Total Cr in soil (0-4 ft) exceeding health based soil PRG (24,000 mg/kg)
- Approximate limits of Total Cr in soil (0-4 ft) exceeding ground water protection PRG (71 mg/kg)
- Approximate limits of Hex-Cr in soil (0-4 ft) exceeding health based and ground water protection PRGs (44 and 1 mg/kg, respectively)

AREA OF DETAIL



SCALE (FEET)

0 15 30 60

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FIGURE 16. CHROMIUM CONTAMINATION IN SITE SOIL AT AOC #3, 0-4 FEET

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FORMER COPES-VULCAN FACILITY
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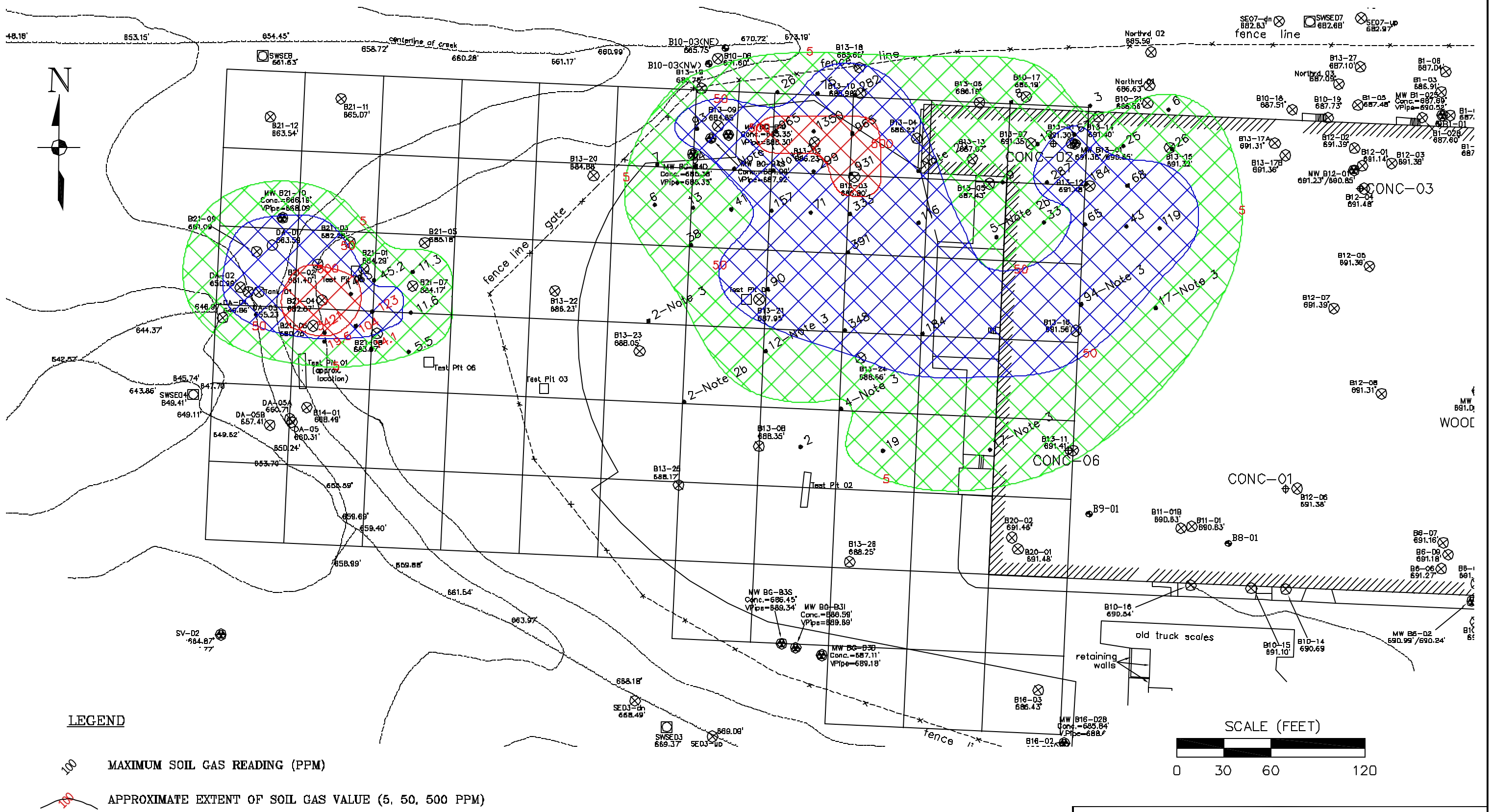

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FIGURE 17. SOIL GAS SURVEY GRID WITH VALUES

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

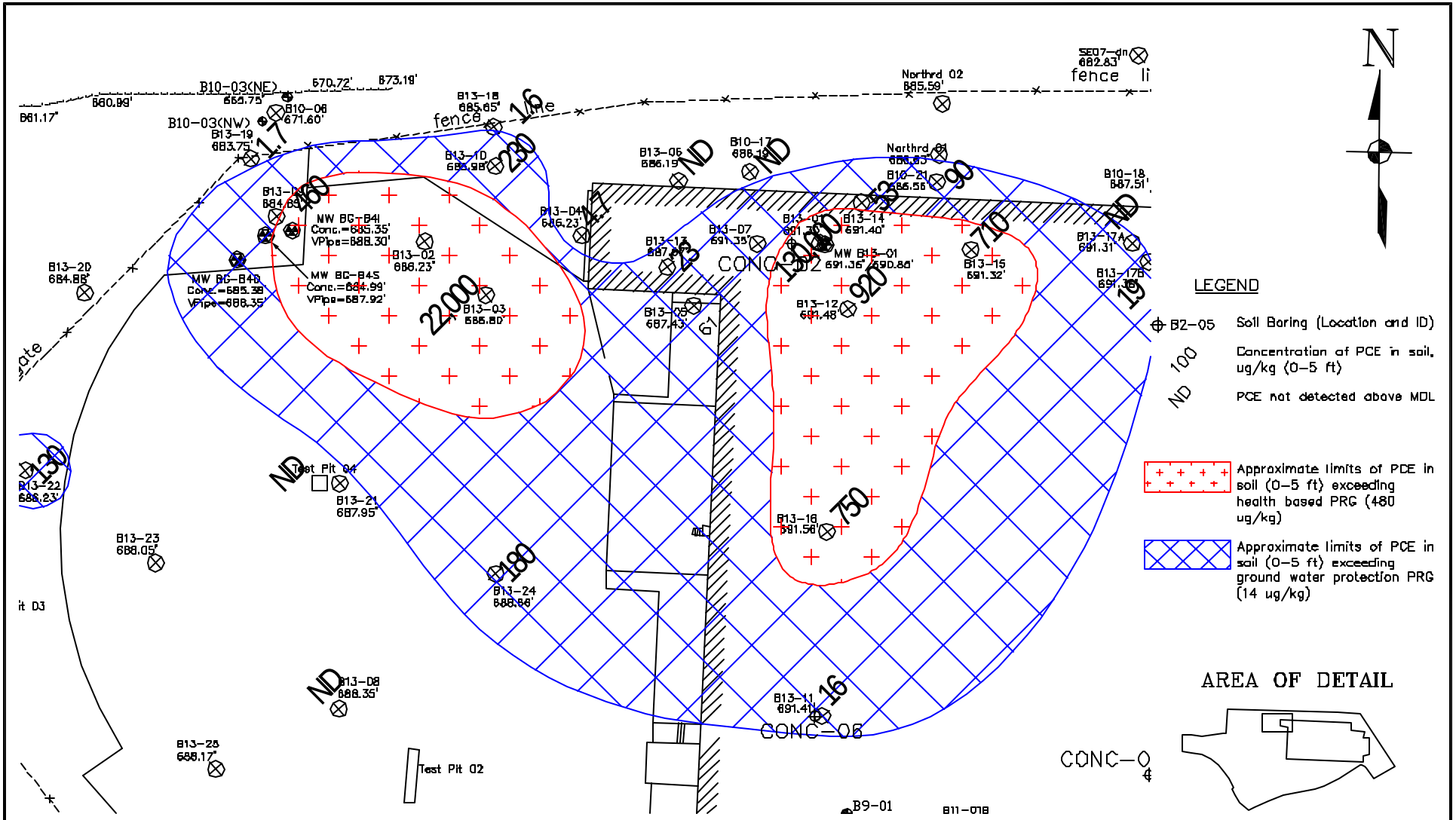

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FIGURE 18. PCE CONTAMINATION IN SITE SOIL AT AOC #13 (0-5 FT)

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

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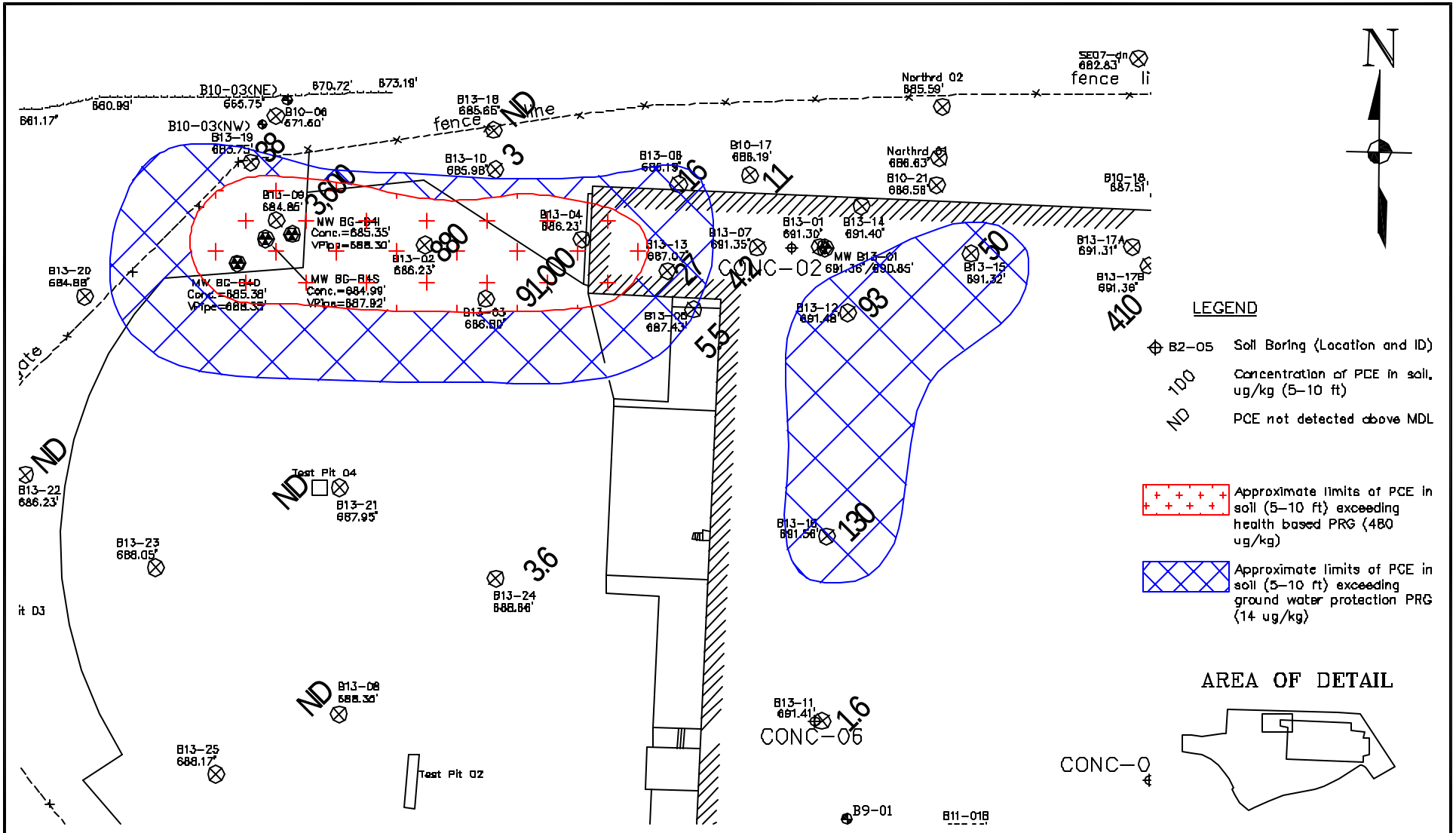

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FIGURE 19. PCE CONTAMINATION IN SITE SOIL AT AOC #13 (5-10 FT)

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FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

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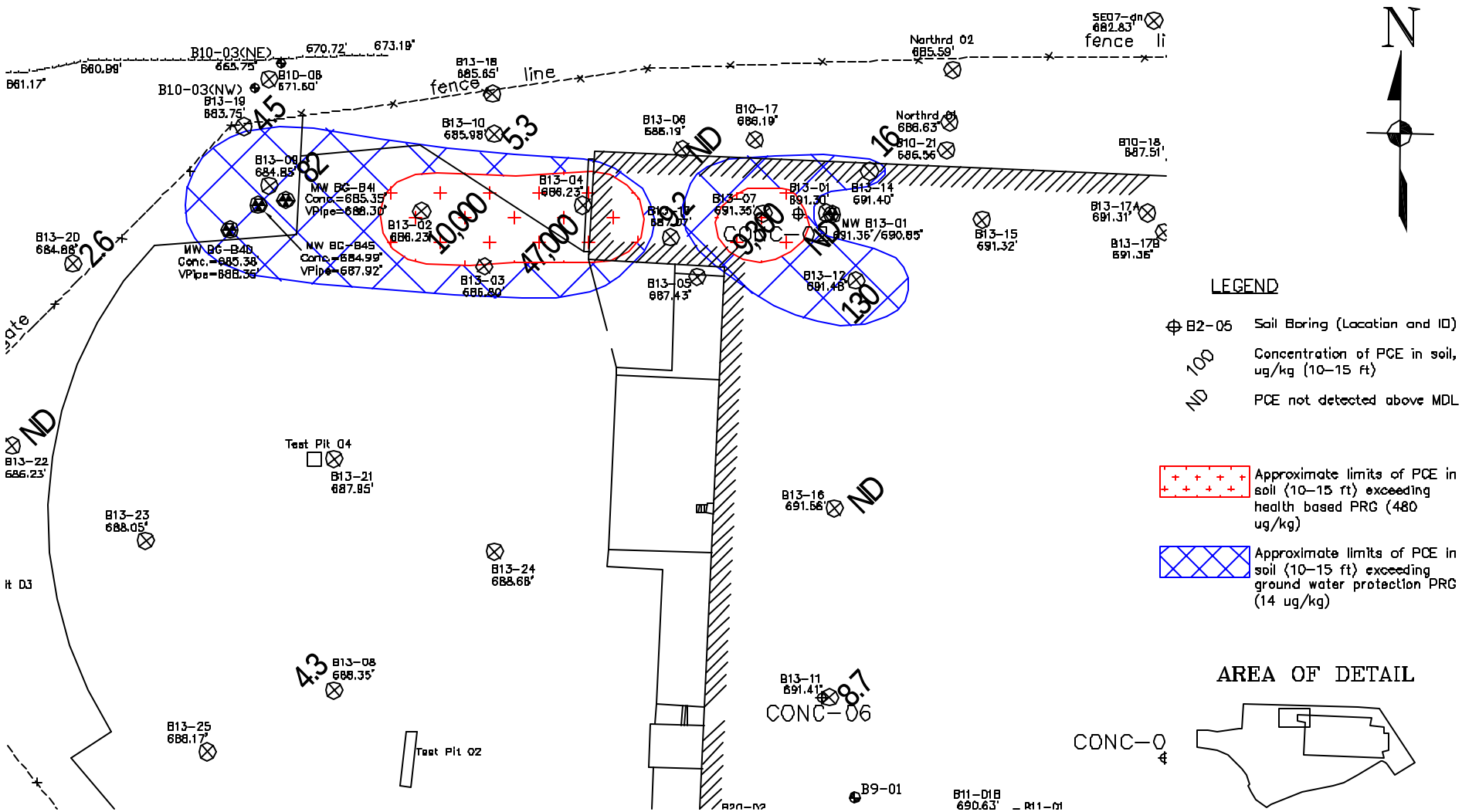

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SCALE (FEET)
0 30 60 120

FIGURE 20. PCE CONTAMINATION IN SITE SOIL AT AOC #13 (10-15 FT)

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

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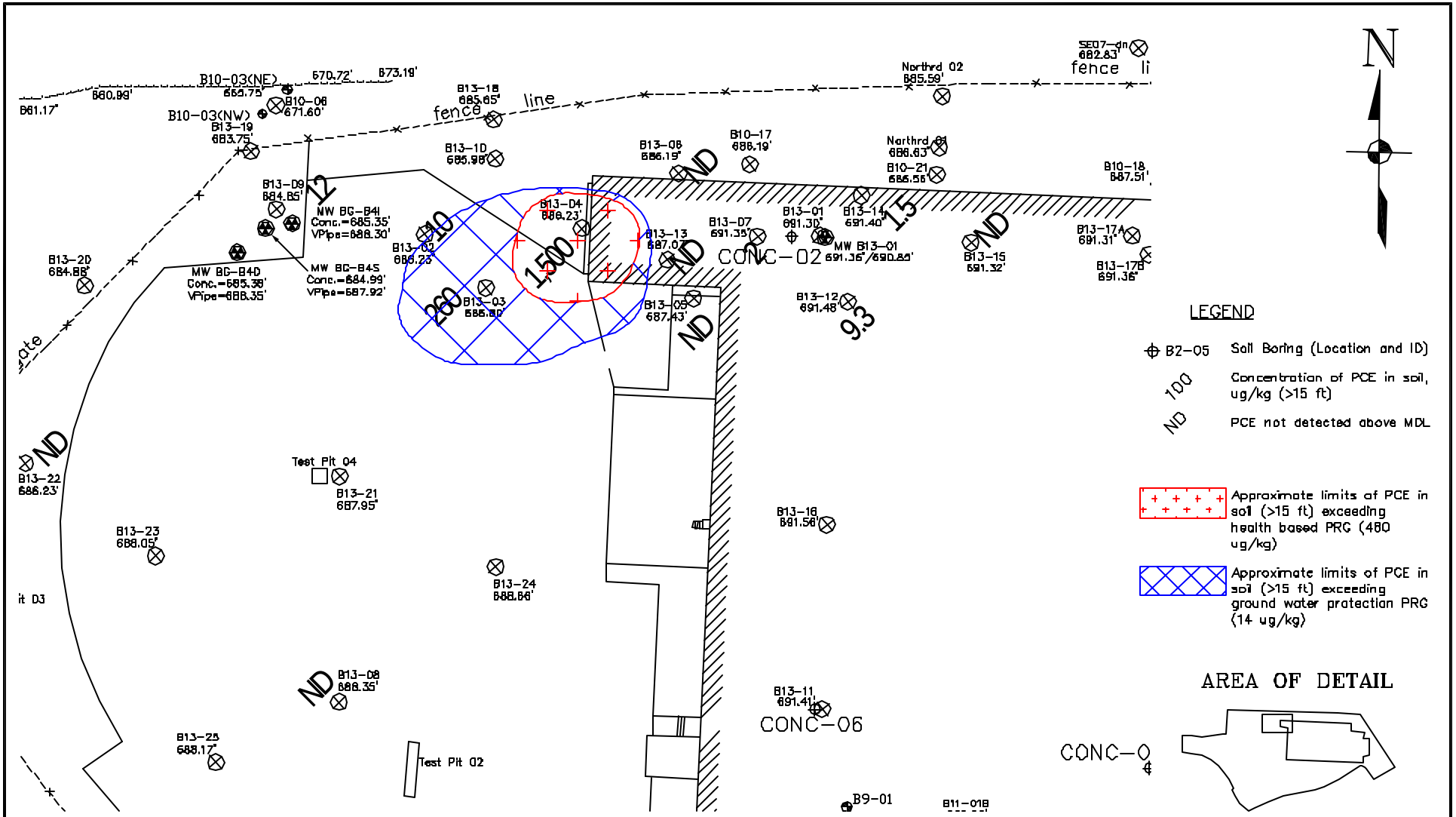

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FIGURE 21. PCE CONTAMINATION IN SITE SOIL AT AOC #13 (>15 FT)

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CHARLOTTE, NC

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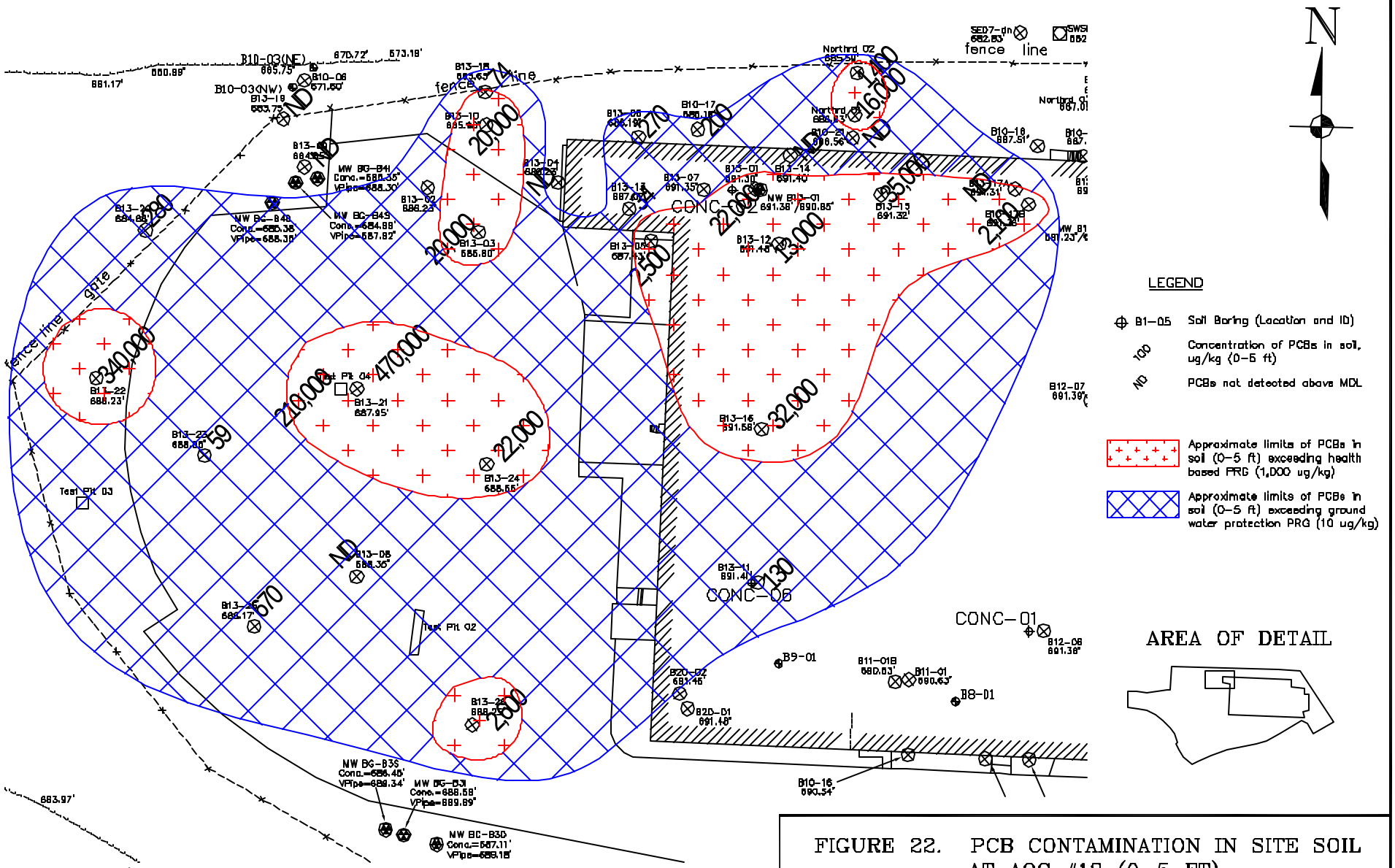

SCALE (FEET)

0 35 70 140

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FIGURE 22. PCB CONTAMINATION IN SITE SOIL AT AOC #13 (0-5 FT)

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CHARLOTTE, NC

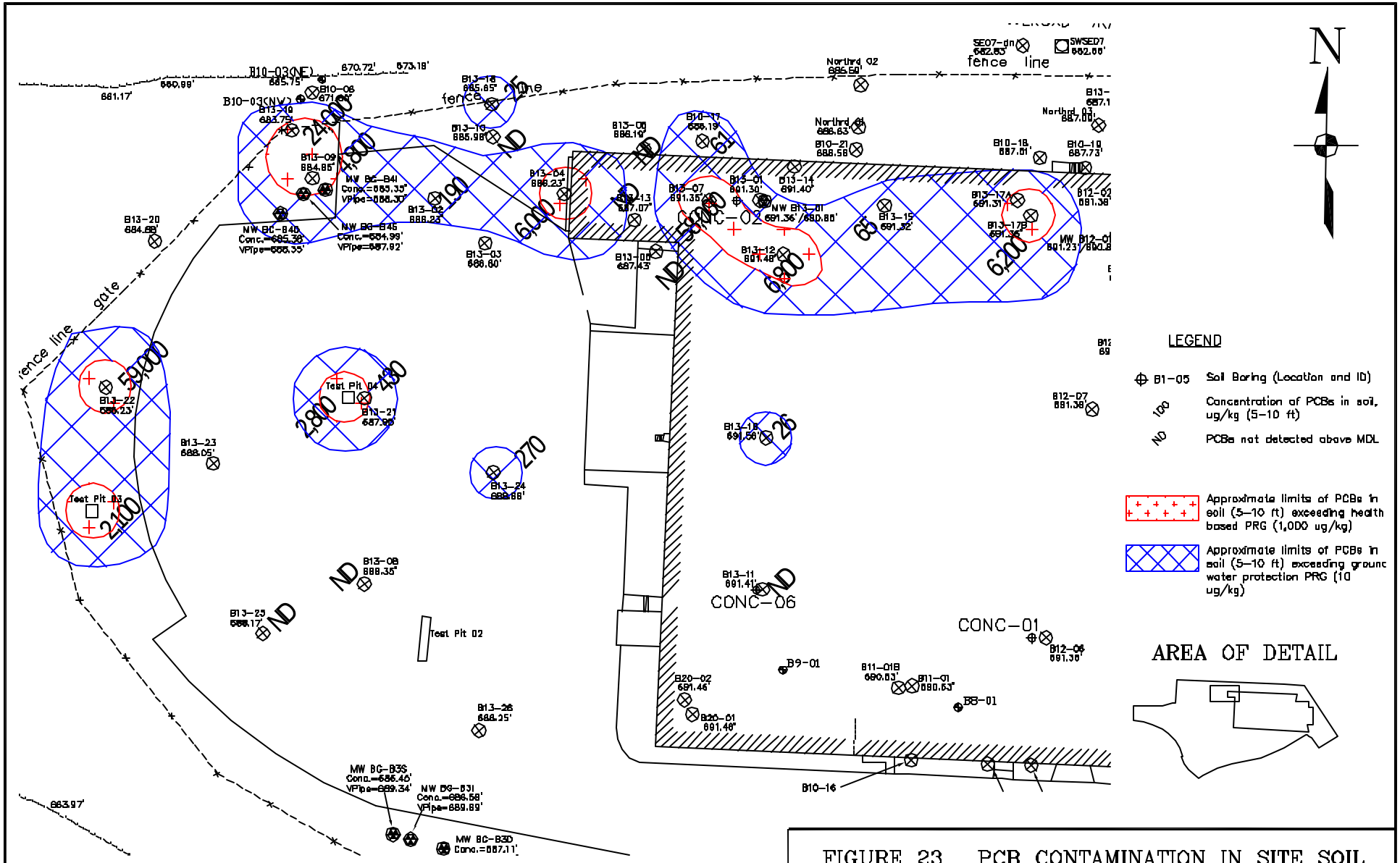

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FIGURE 23. PCB CONTAMINATION IN SITE SOIL AT AOC #13 (5-10 FT)

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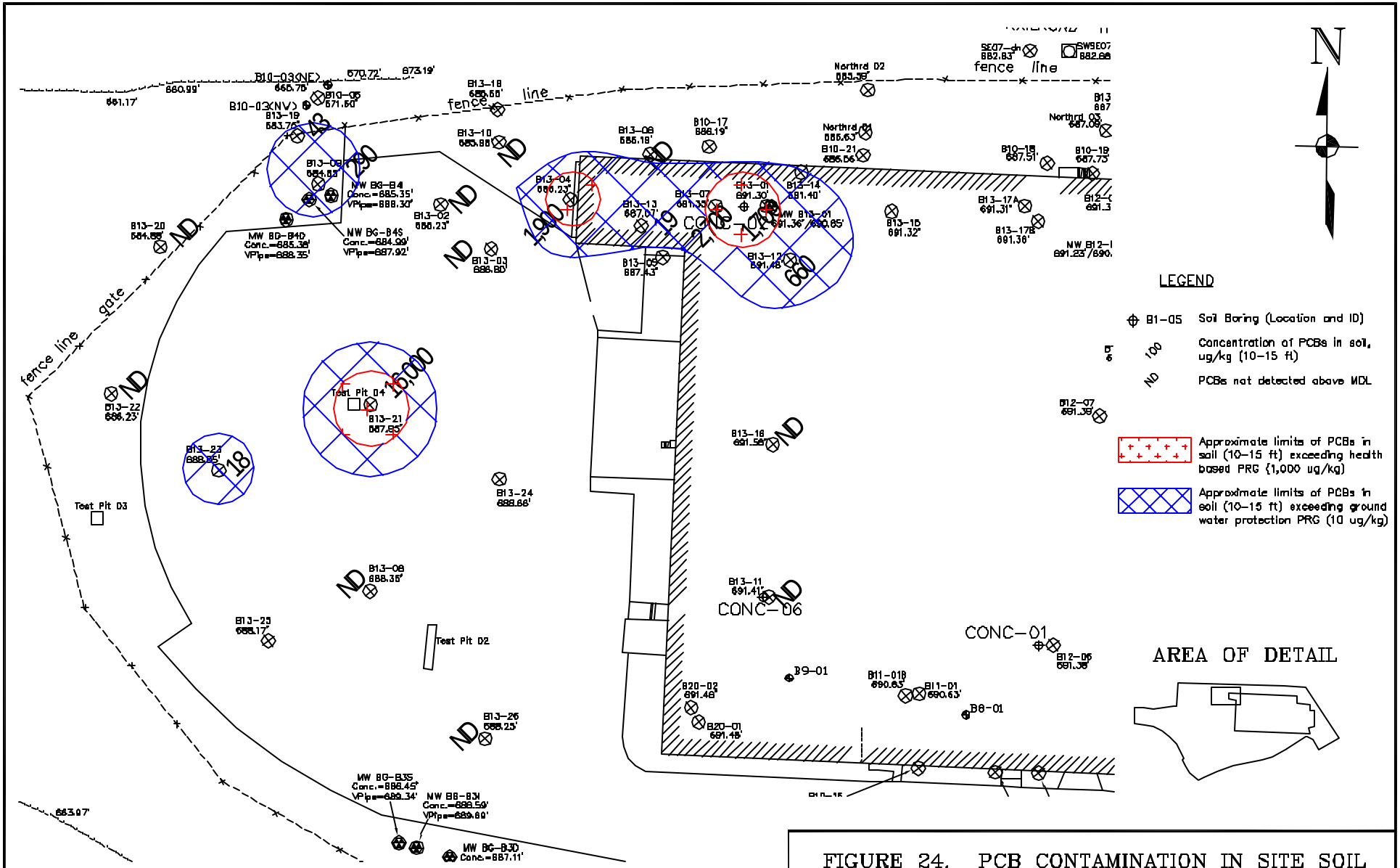

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FIGURE 24. PCB CONTAMINATION IN SITE SOIL AT AOC #13 (10-15 FT)

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FORMER COPES-VULCAN FACILITY
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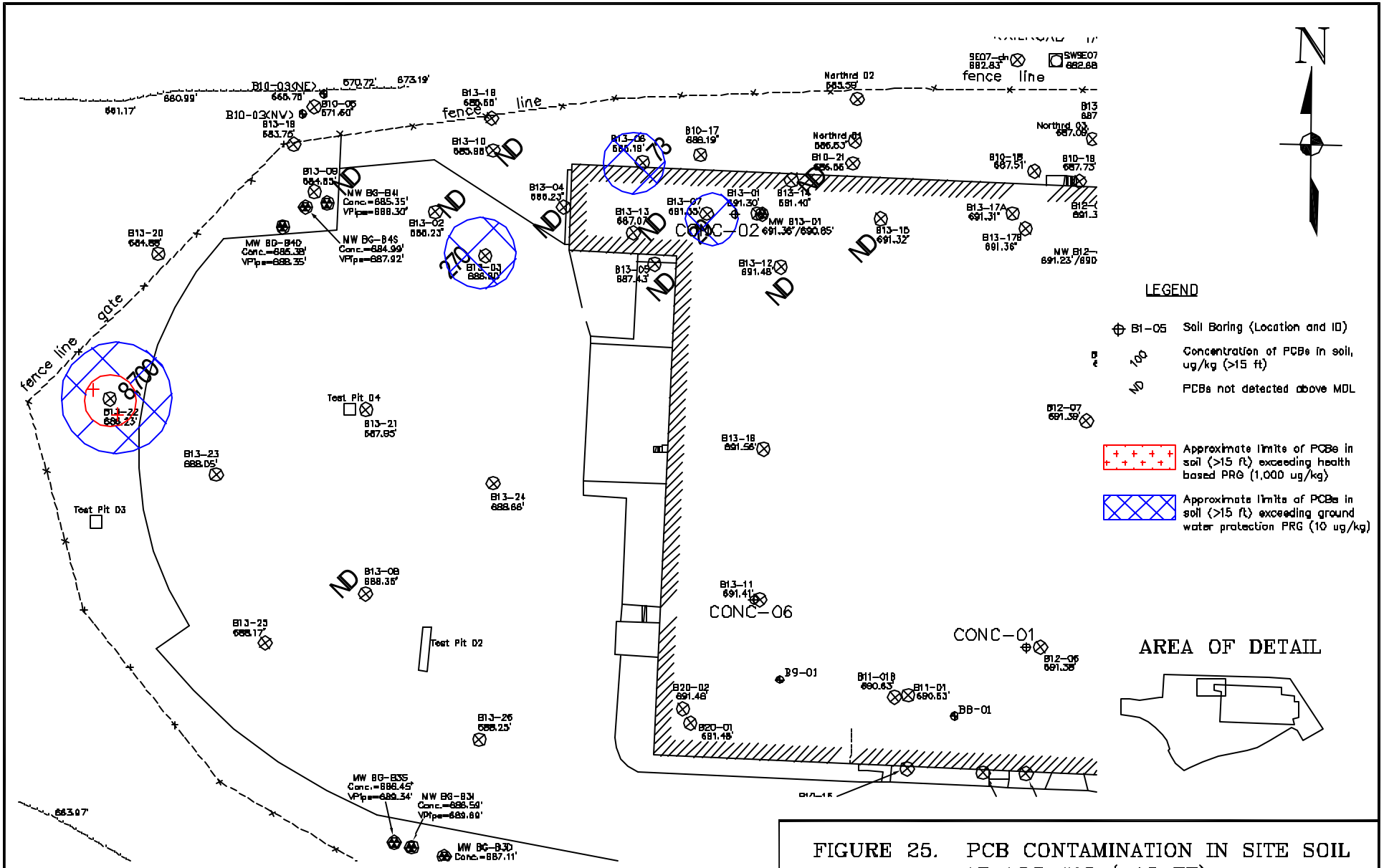
CHARLOTTE, NC



SCALE (FEET)

0 35 70 140

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FIGURE 25. PCB CONTAMINATION IN SITE SOIL AT AOC #13 (>15 FT)

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CHARLOTTE, NC

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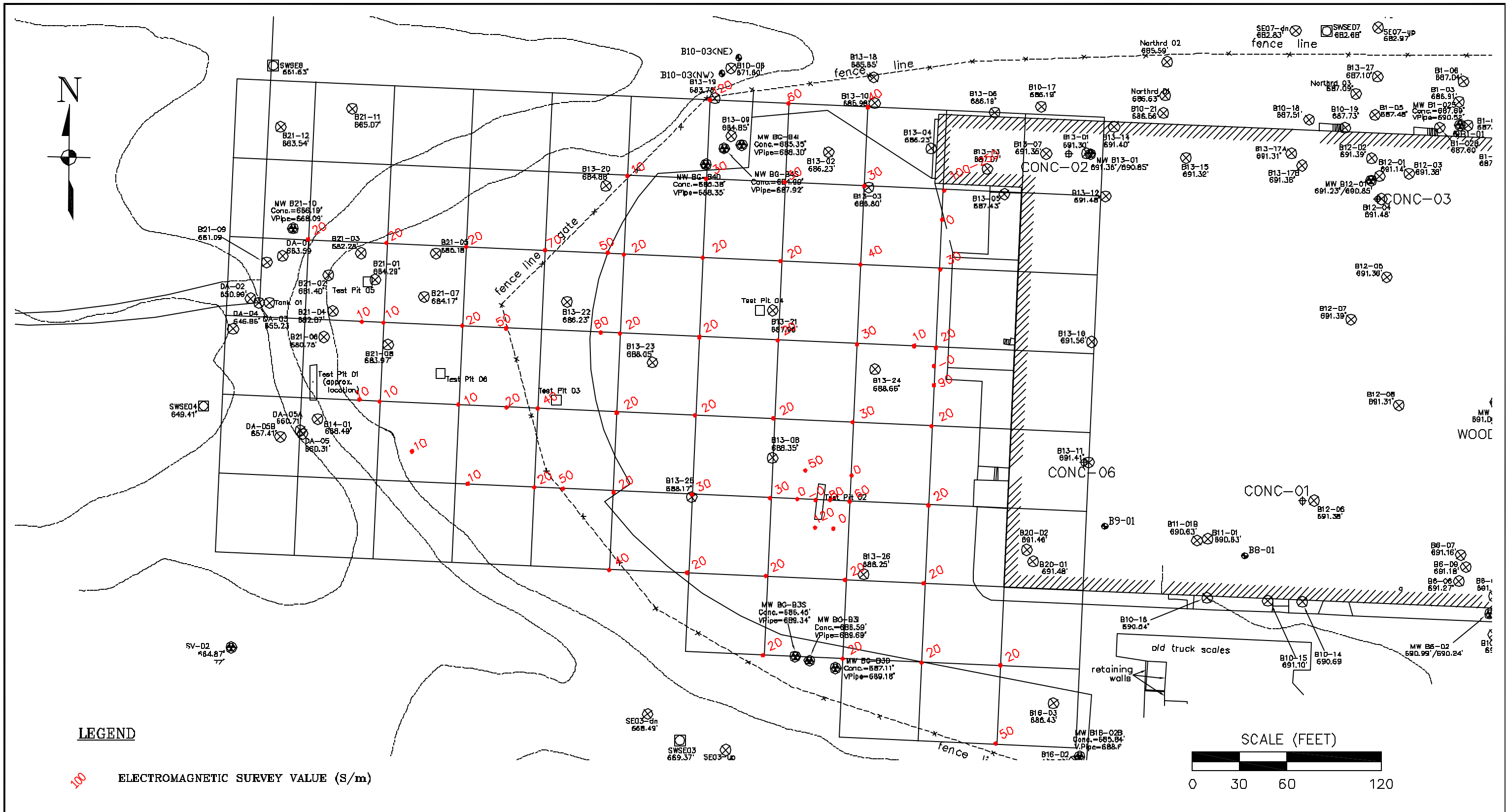

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FIGURE 26. ELECTROMAGNETIC SURVEY WITH GRID VALUES

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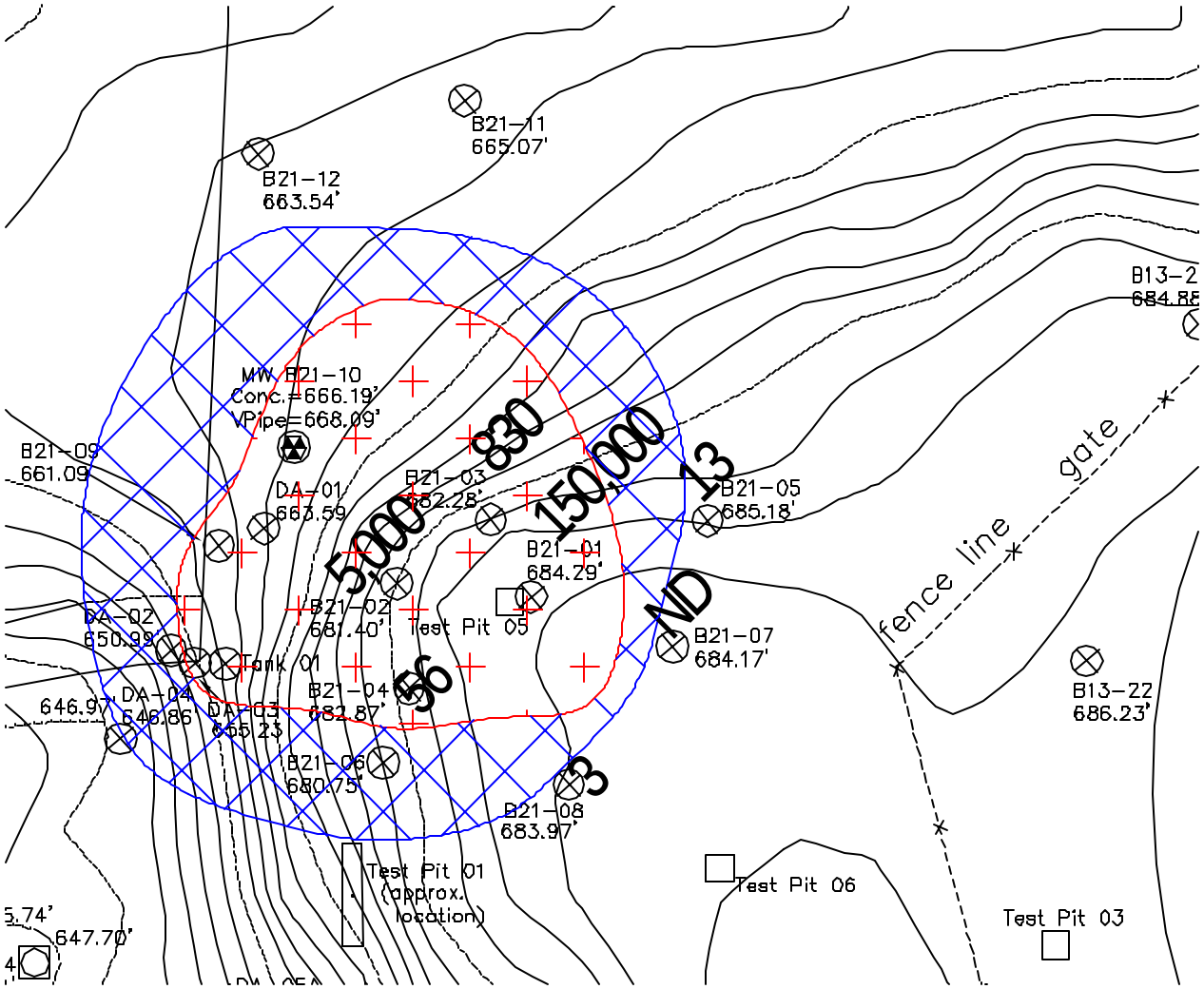
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

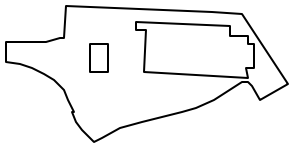


N

LEGEND

⊕ B2-05	Soil Boring (Location and ID)
100	Concentration of PCE in soil, ug/kg (0-5 ft)
ND	PCE not detected above MDL
	Approximate limits of PCE in soil (0-5 ft) exceeding health based PRG (4BD ug/kg)
	Approximate limits of PCE in soil (0-5 ft) exceeding ground water protection PRG (14 ug/kg)

AREA OF DETAIL



SCALE (FEET)

0 20 40 80

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FIGURE 27. PCE CONTAMINATION IN SITE SOIL AT AOC #21, 0-5 FEET

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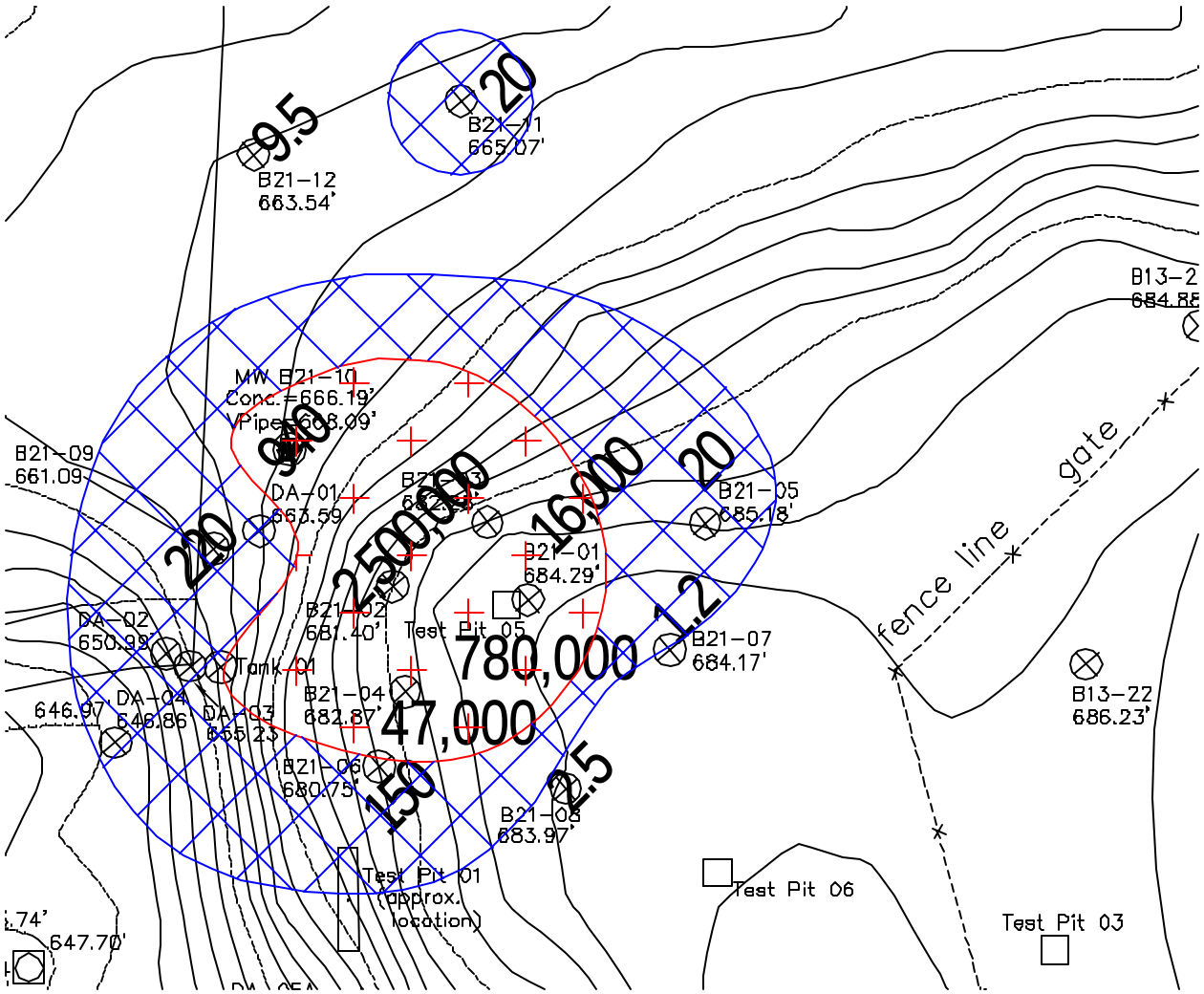
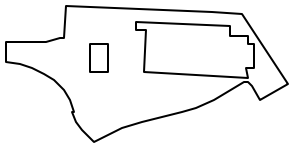


LEGEND

B2-05	Soil Boring (Location and ID)
100	Concentration of PCE in soil, ug/kg (5–10 ft)
ND	PCE not detected above MDL
	Approximate limits of PCE in soil (5–10 ft) exceeding health based PRG (480 ug/kg)
	Approximate limits of PCE in soil (5–10 ft) exceeding ground water protection PRG (14 ug/kg)

AREA OF DETAIL



SCALE (FEET)

0 20 40 80

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FIGURE 28. PCE CONTAMINATION IN SITE SOIL AT AOC #21, 5–10 FEET

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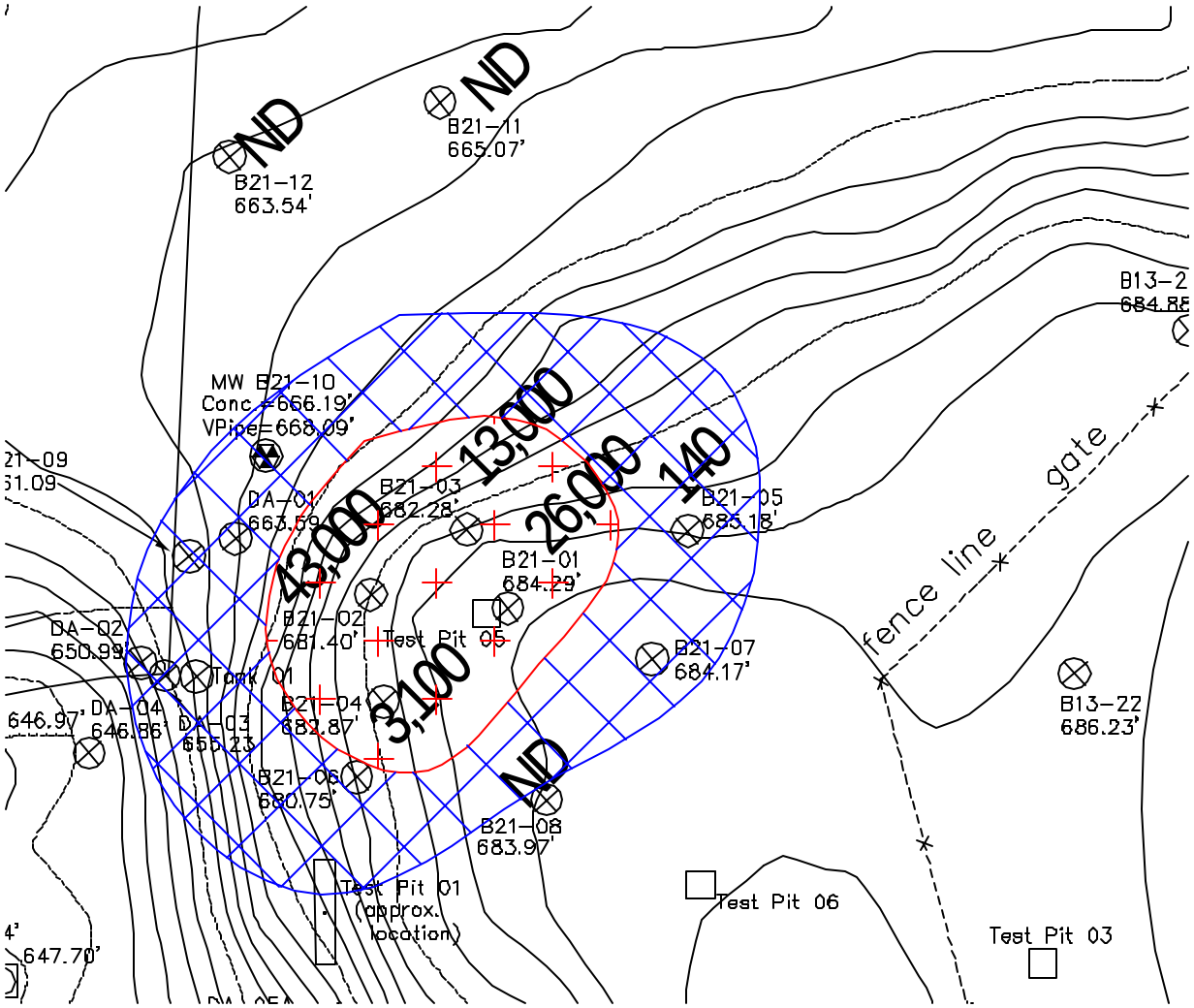
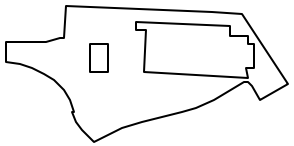


N

LEGEND

B2-05	Soil Boring (Location and ID)
100	Concentration of PCE in soil, ug/kg (10-15 ft)
ND	PCE not detected above MDL
	Approximate limits of PCE in soil (10-15 ft) exceeding health based PRG (480 ug/kg)
	Approximate limits of PCE in soil (10-15 ft) exceeding ground water protection PRG (14 ug/kg)

AREA OF DETAIL



SCALE (FEET)

0 20 40 80

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FIGURE 29. PCE CONTAMINATION IN SITE SOIL AT AOC #21, 10-15 FEET

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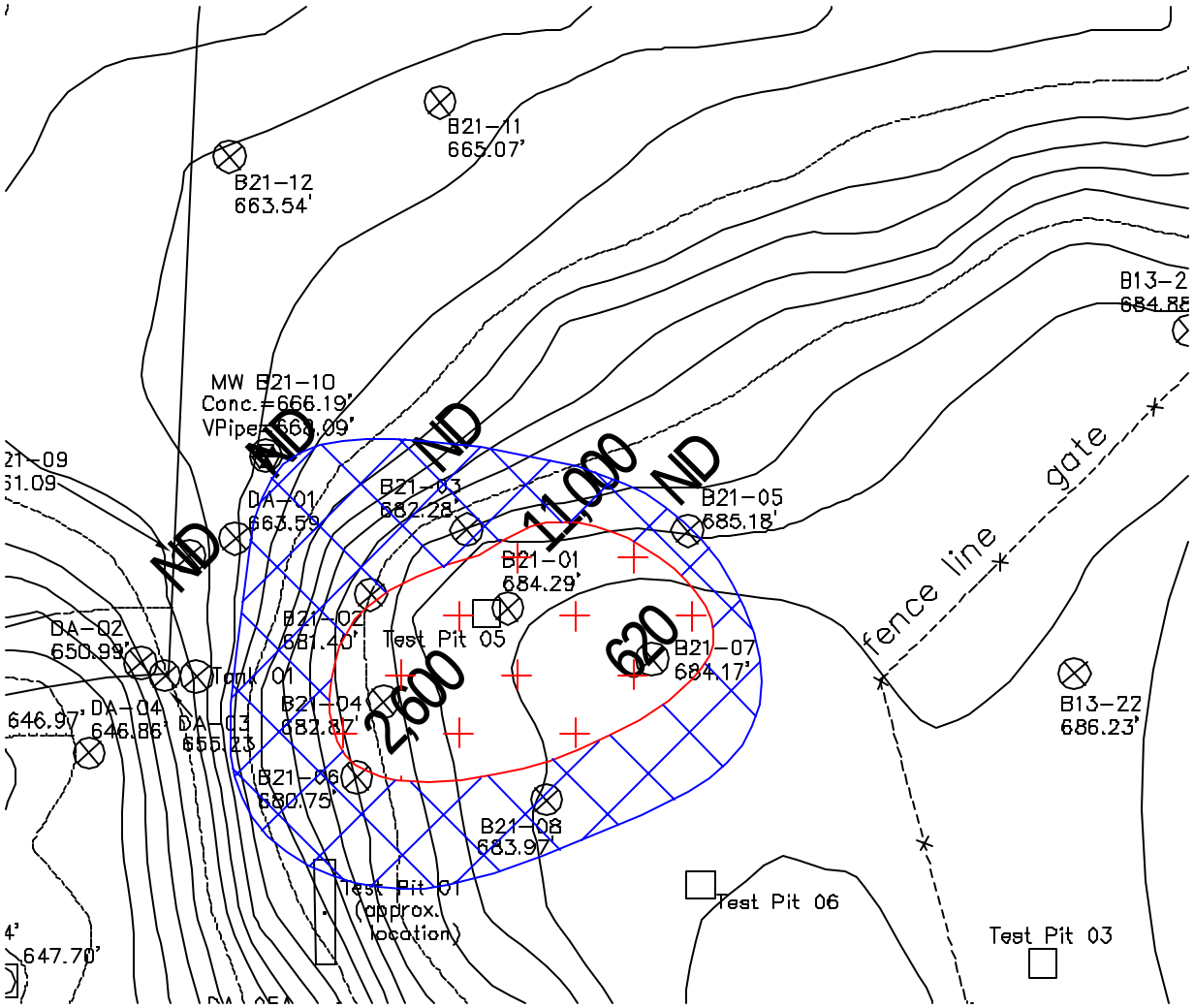
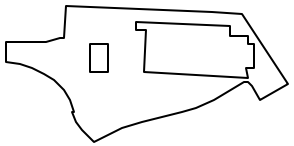


LEGEND

B2-05	Soil Boring (Location and ID)
100	Concentration of PCE in soil, ug/kg (>15 ft)
ND	PCE not detected above MDL
	Approximate limits of PCE in soil (>15 ft) exceeding health based PRG (480 ug/kg)
	Approximate limits of PCE in soil (>15 ft) exceeding ground water protection PRG (14 ug/kg)

AREA OF DETAIL



SCALE (FEET)

0 20 40 80

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FIGURE 30. PCE CONTAMINATION IN SITE SOIL AT AOC #21, >15 FEET

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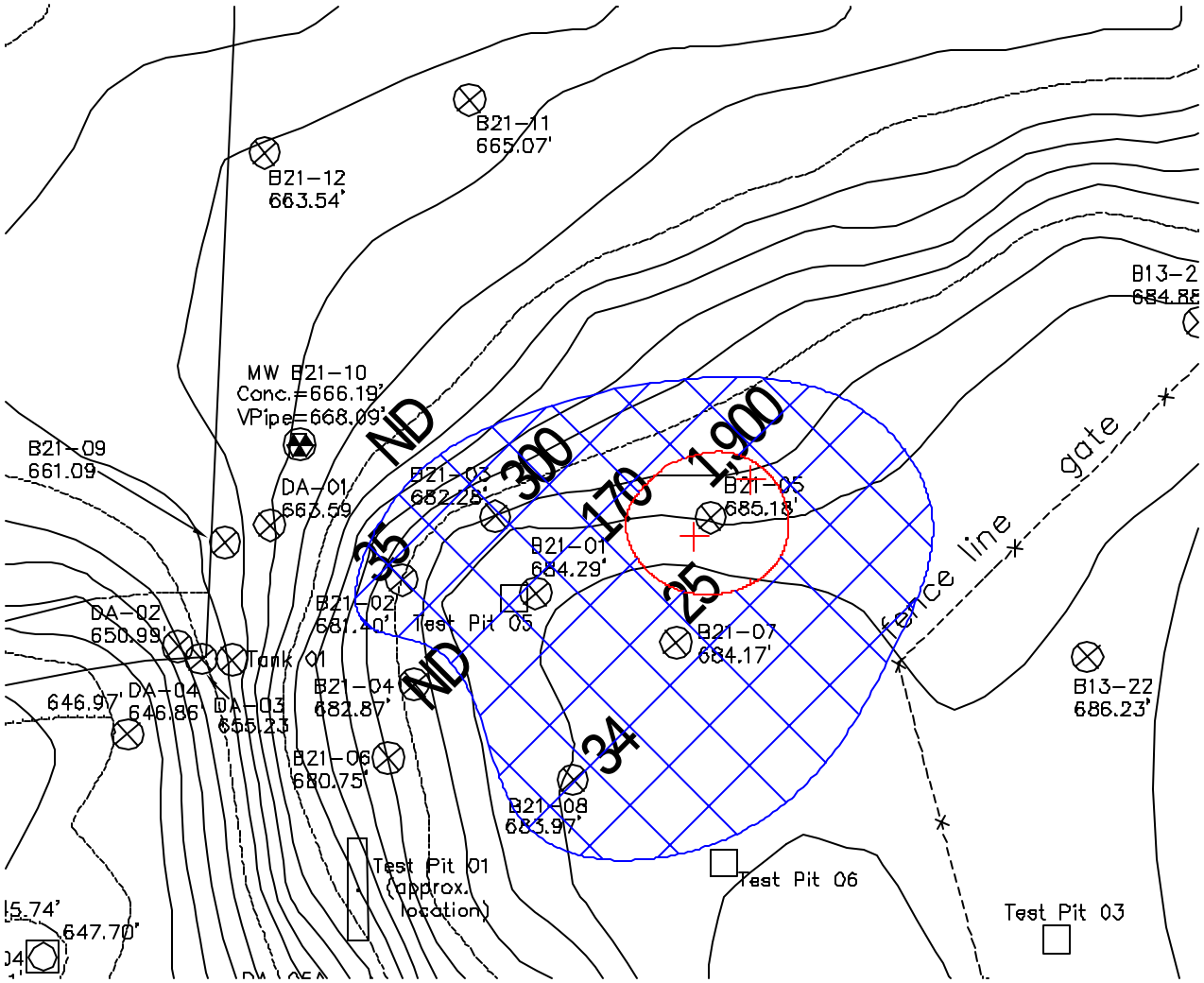
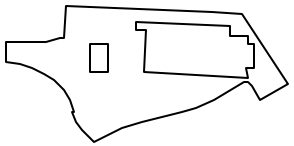


N

LEGEND

B1-D5	Soil Boring (Location and ID)
100	Concentration of PCBs in soil, ug/kg (0-5 ft)
ND	PCBs not detected above MDL
	Approximate limit of PCBs in soil (0-5 FT) exceeding health based PRG (1,000 ug/kg)
	Approximate limits of PCBs in soil (0-5 FT) exceeding ground water protection PRG (10 ug/kg)

AREA OF DETAIL



SCALE (FEET)

0 20 40 80

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FIGURE 31. PCB CONTAMINATION IN SITE SOIL AT AOC #21, 0-5 FEET

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CHARLOTTE, NC

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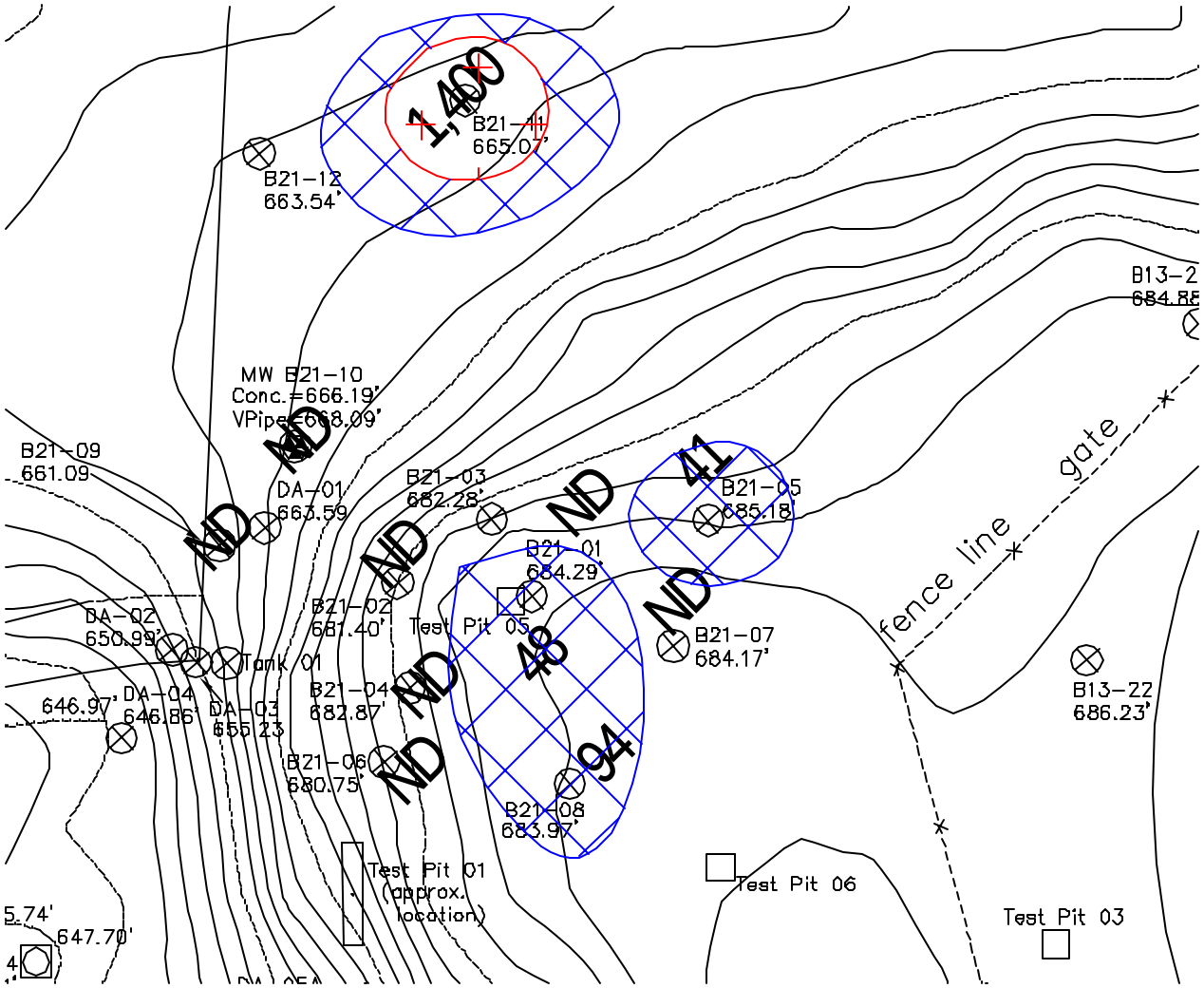
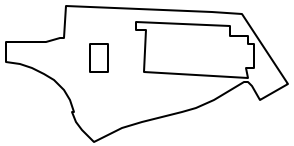


N

LEGEND

B1-D5	Soil Boring (Location and ID)
100	Concentration of PCBs in soil, ug/kg (5-10 ft)
ND	PCBs not detected above MDL
	Approximate limits of PCBs in soil (5-10 ft) exceeding health based PRG (1,000 ug/kg)
	Approximate limits of PCBs in soil (5-10 ft) exceeding ground water protection PRG (10 ug/kg)

AREA OF DETAIL



SCALE (FEET)

0 20 40 80

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FIGURE 32. PCB CONTAMINATION IN SITE SOIL AT AOC #21, 5-10 FEET

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FORMER COPES-VULCAN FACILITY
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CHARLOTTE, NC

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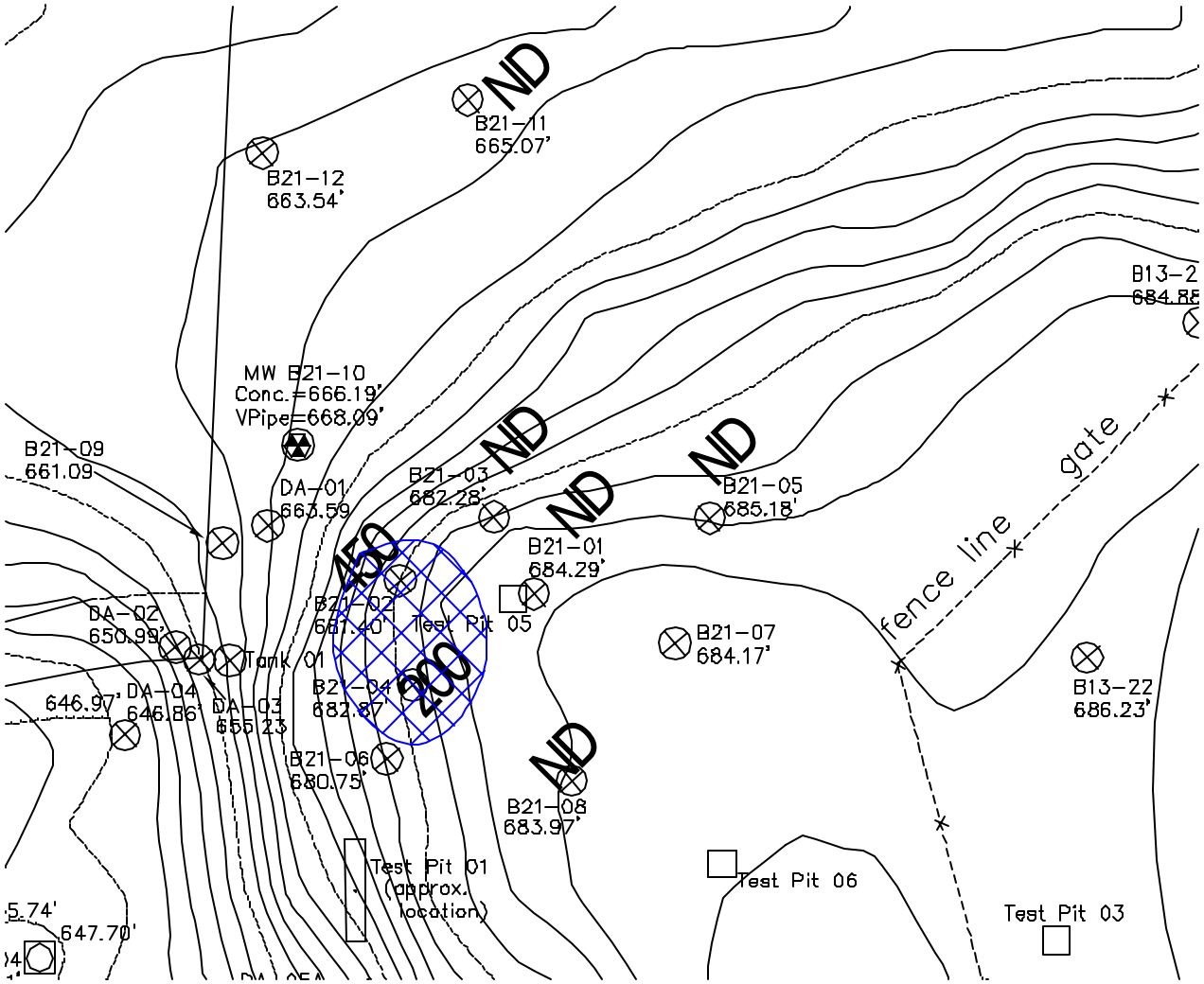
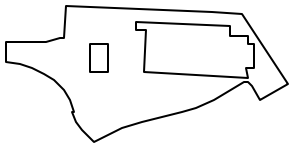


N

LEGEND

⊕ B1-05	Soil Boring (Location and ID)
100	Concentration of PCBs in soil, ug/kg (10-15 ft)
ND	PCBs not detected above MDL
+ + + + + + + + + +	Approximate limits of PCBs in soil (10-15 ft) exceeding health based PRG (1,000 ug/kg)
╳╳╳╳	Approximate limits of PCBs in soil (10-15 ft) exceeding ground water protection PRG (10 ug/kg)

AREA OF DETAIL



SCALE (FEET)

0 20 40 80

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FIGURE 33. PCB CONTAMINATION IN SITE SOIL AT AOC #21, 10-15 FEET

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

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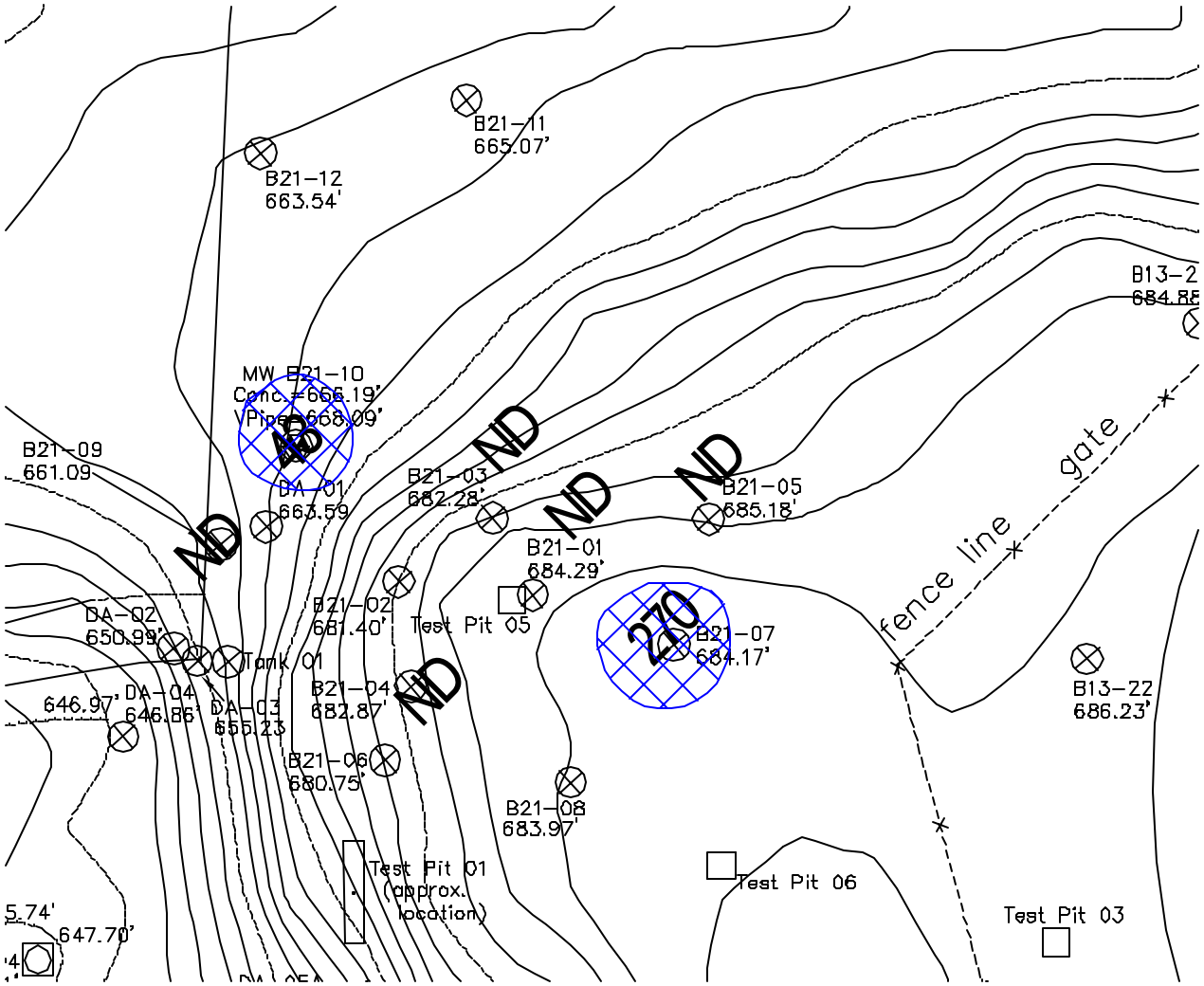
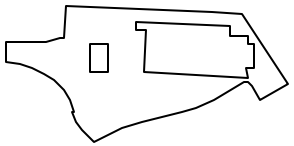


N

LEGEND

B1-05	Soil Boring (Location and ID)
100	Concentration of PCBs in soil, ug/kg (>15 ft)
ND	PCBs not detected above MDL
	Approximate limits of PCBs in soil (>15 ft) exceeding health based PRG (1,000 ug/kg)
	Approximate limits of PCBs in soil (>15 ft) exceeding ground water protection PRG (10 ug/kg)

AREA OF DETAIL



SCALE (FEET)

0 20 40 80

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FIGURE 34. PCB CONTAMINATION IN SITE SOIL AT AOC #21, >15 FEET

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FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

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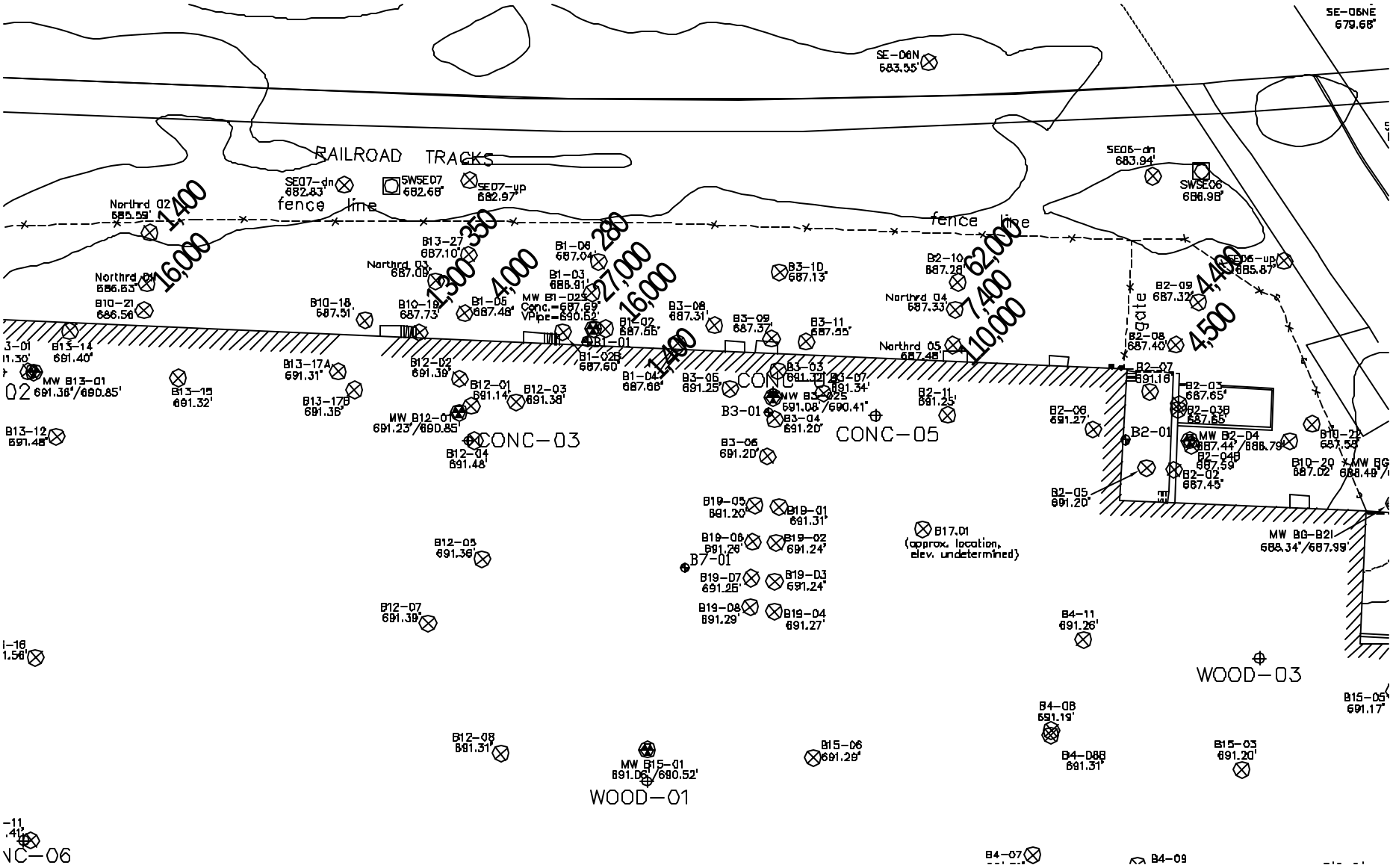

LEGEND

B2-10 SOIL BORING LOCATION

100 PCB RESULT, ug/kg

SCALE (FEET)

0 30 60 120

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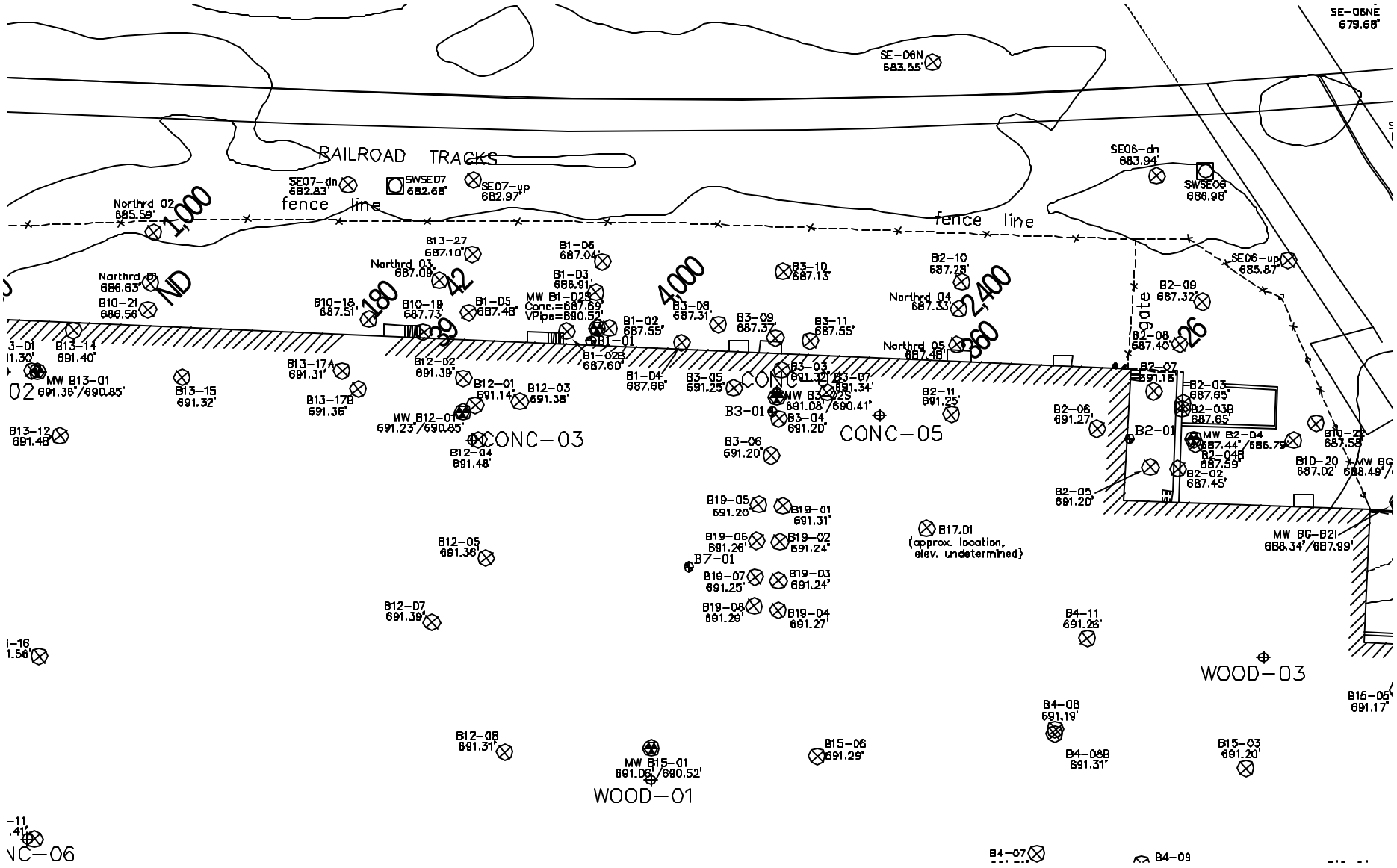
FIGURE 35. PCB CONTAMINATION IN SITE SOIL NORTH ROAD (0-2 FEET)

FORMER COPES-VULCAN FACILITY

PHASE II REMEDIAL INVESTIGATION

601 WEST SUMMIT AVENUE

CHARLOTTE, NC



LEGEND

B2-10 SOIL BORING LOCATION

100 PCB RESULT, ug/kg

SCALE (FEET)

0 30 60 120

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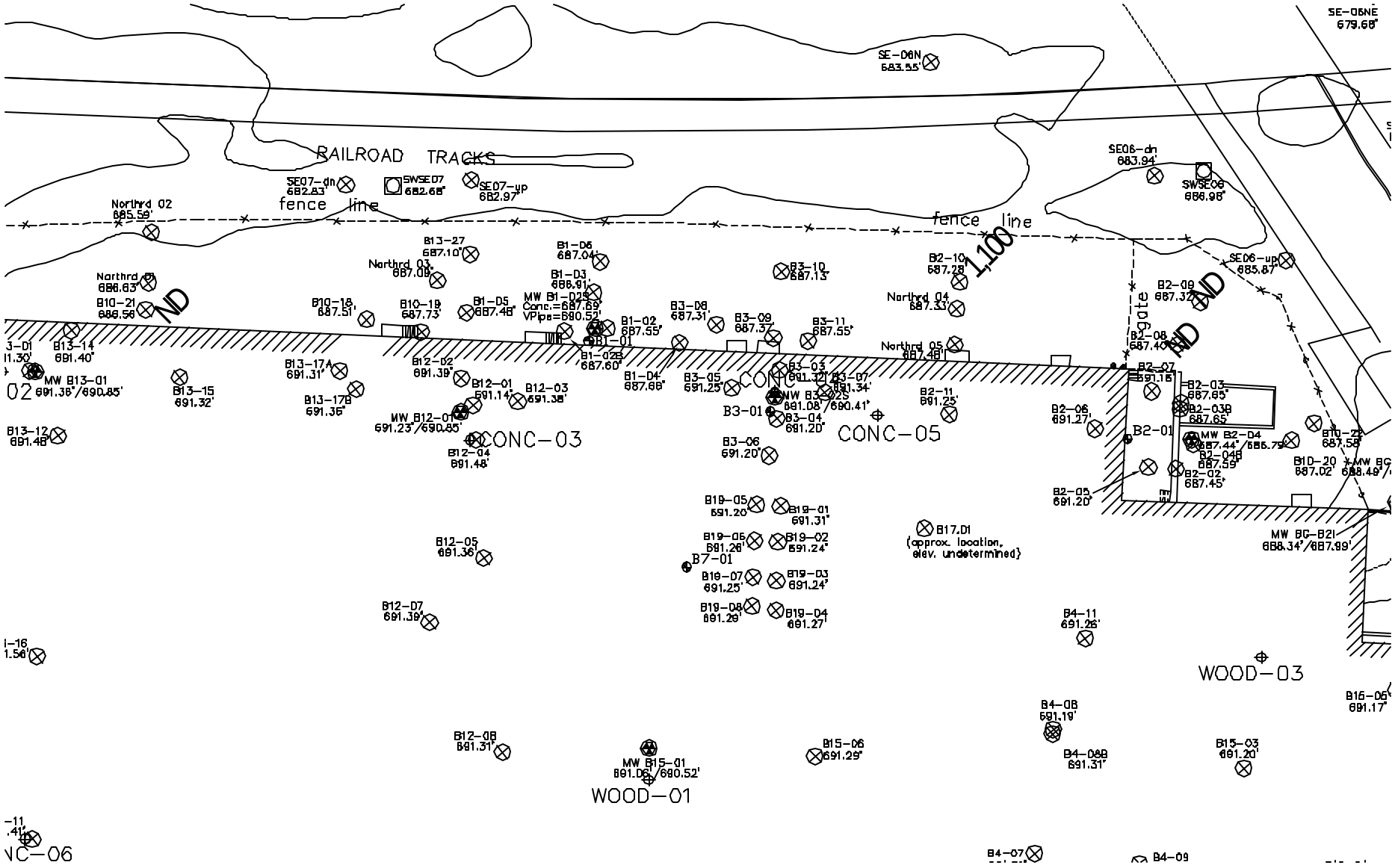
FIGURE 36. PCB CONTAMINATION IN SITE SOIL NORTH ROAD (2-4 FEET)

FORMER COPES-VULCAN FACILITY

PHASE II REMEDIAL INVESTIGATION

601 WEST SUMMIT AVENUE

CHARLOTTE, NC



LEGEND

B2-10 SOIL BORING LOCATION

100 PCB RESULT, ug/kg

SCALE (FEET)

0 30 60 120

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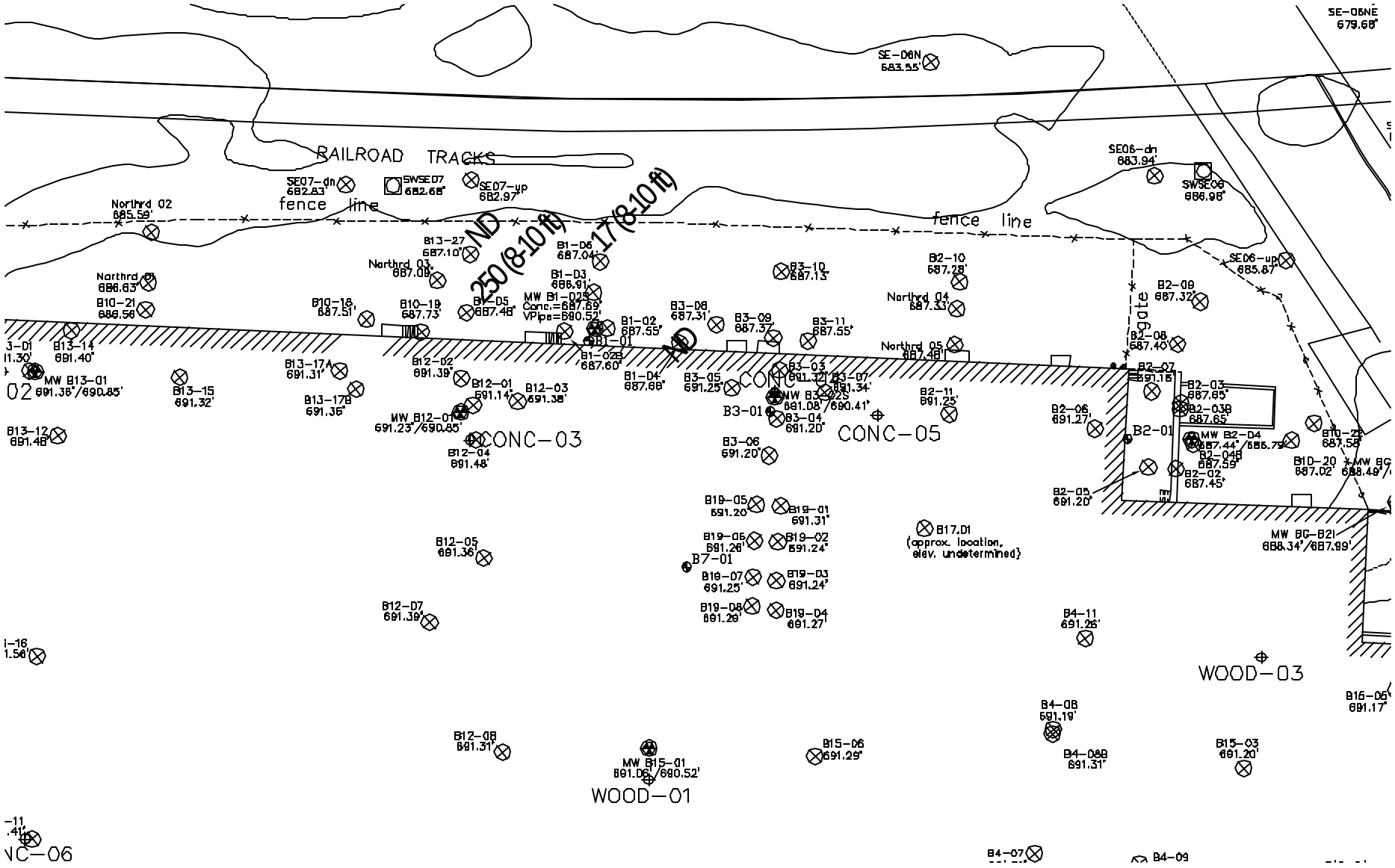
FIGURE 37. PCB CONTAMINATION IN SITE SOIL NORTH ROAD (4-8 FEET)

FORMER COPES-VULCAN FACILITY

PHASE II REMEDIAL INVESTIGATION

601 WEST SUMMIT AVENUE

CHARLOTTE, NC



LEGEND

B2-10 SOIL BORING LOCATION

100 PCB RESULT, ug/kg

SCALE (FEET)

0 30 60 120

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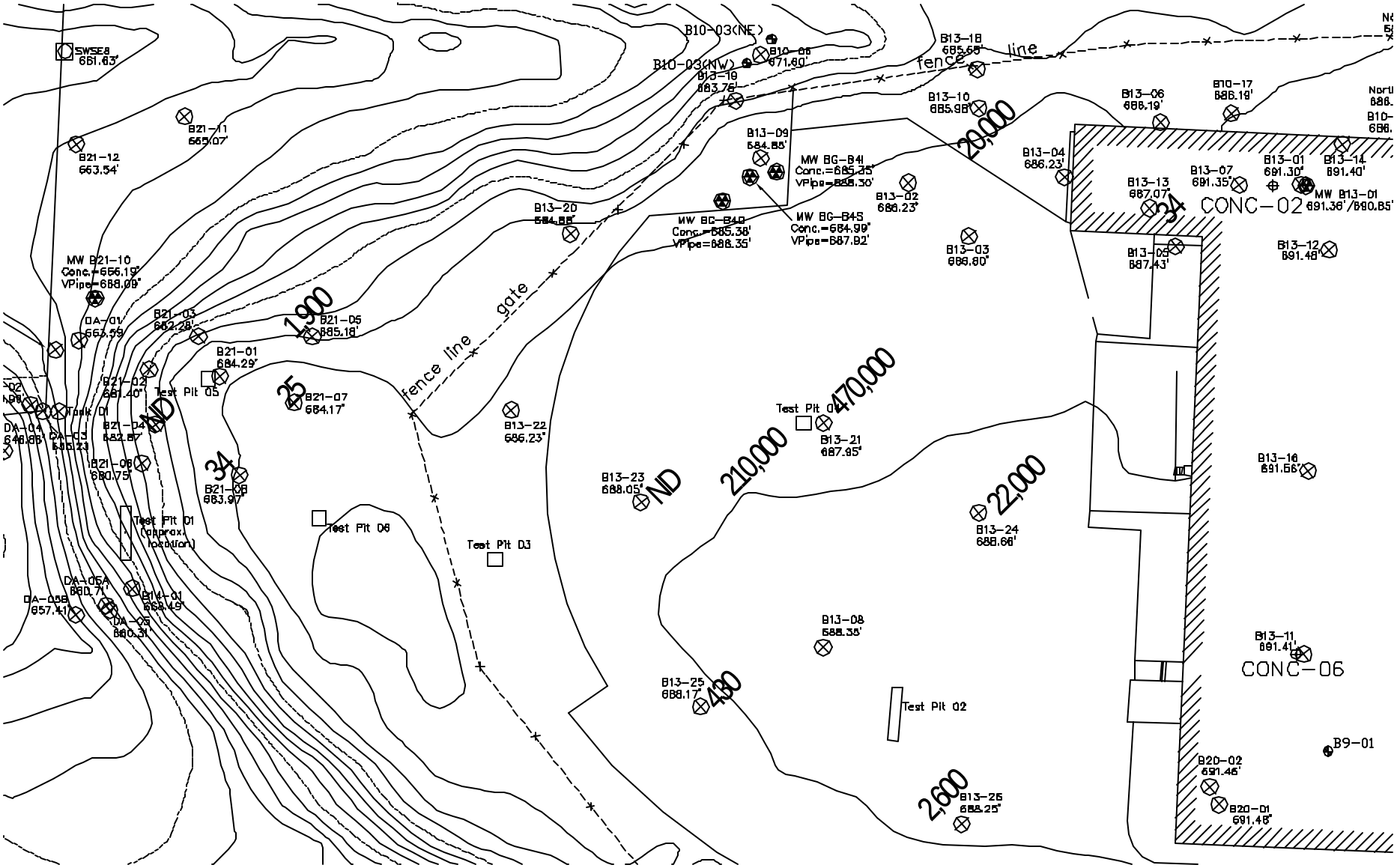
FIGURE 38. PCB CONTAMINATION IN SITE SOIL NORTH ROAD (>8 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

B2-10 SOIL BORING LOCATION

100 PCB RESULT, ug/kg

SCALE (FEET)

0 30 60 120

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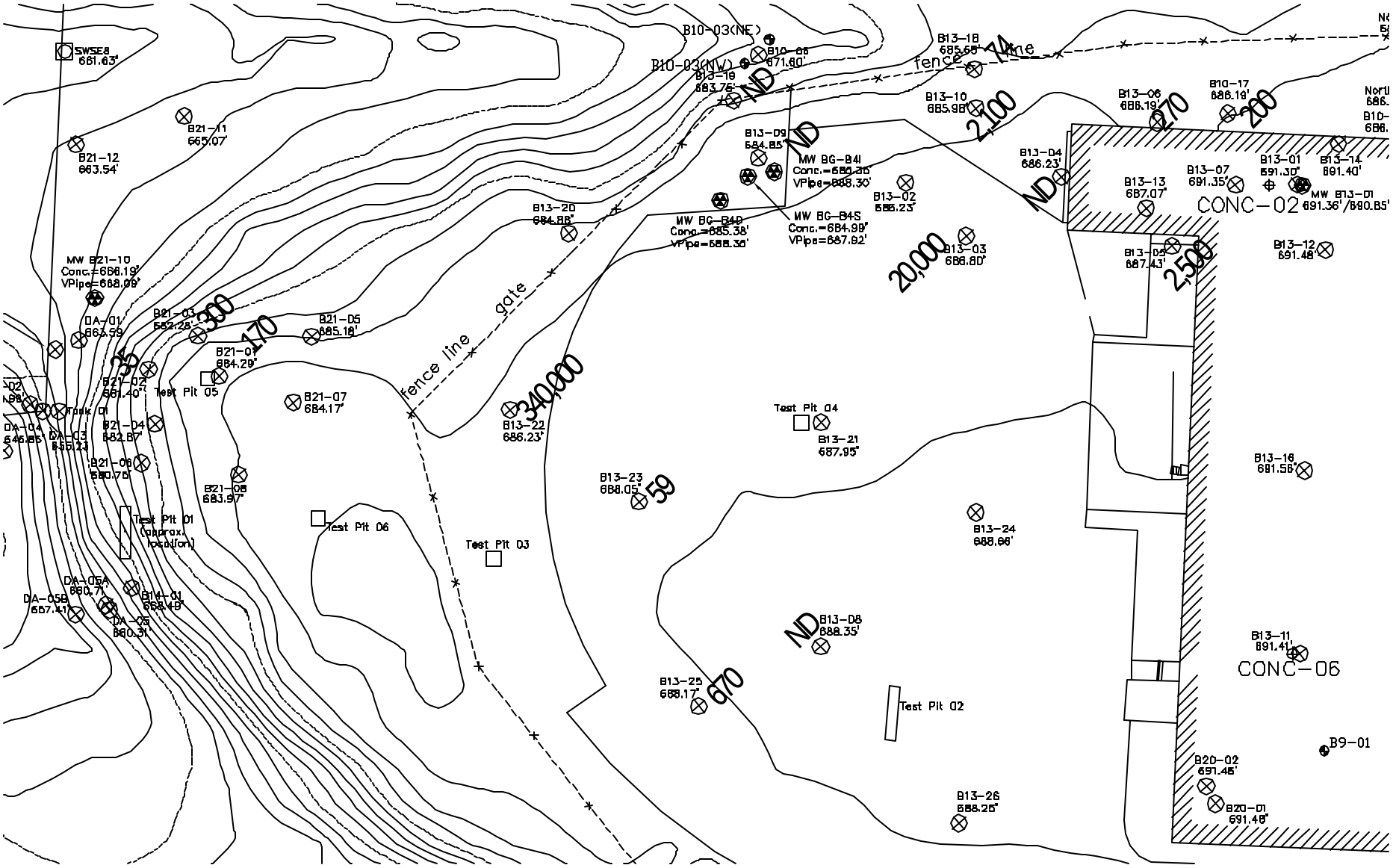
FIGURE 39. PCB CONTAMINATION IN SITE SOIL
WEST PARKING LOT (0-2 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

B2-10 SOIL BORING LOCATION

100 PCB RESULT, ug/kg

SCALE (FEET)

0 30 60 120

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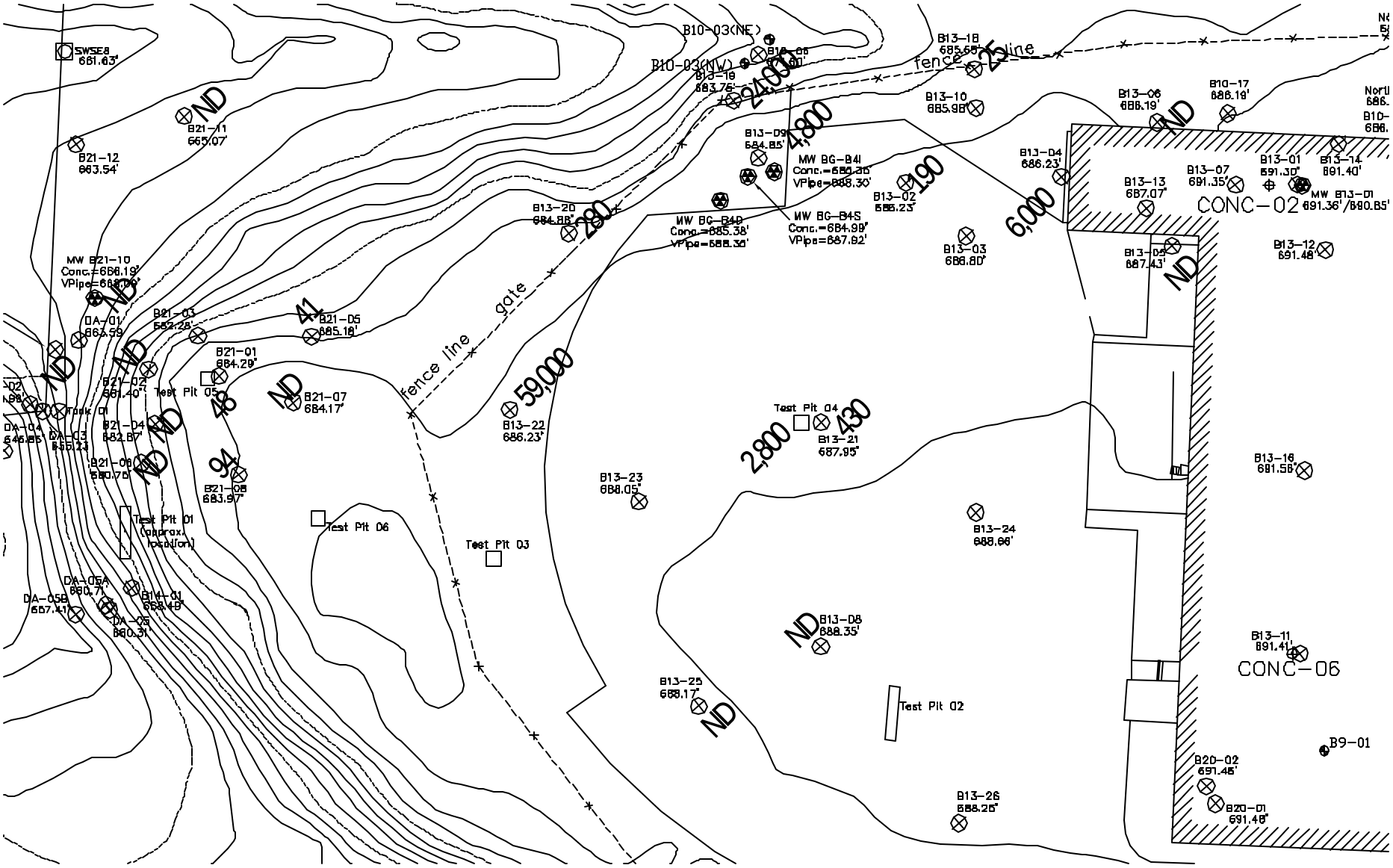
FIGURE 40. PCB CONTAMINATION IN SITE SOIL WEST PARKING LOT (2-4 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

B2-10 SOIL BORING LOCATION

100 PCB RESULT, ug/kg

SCALE (FEET)

0 30 60 120

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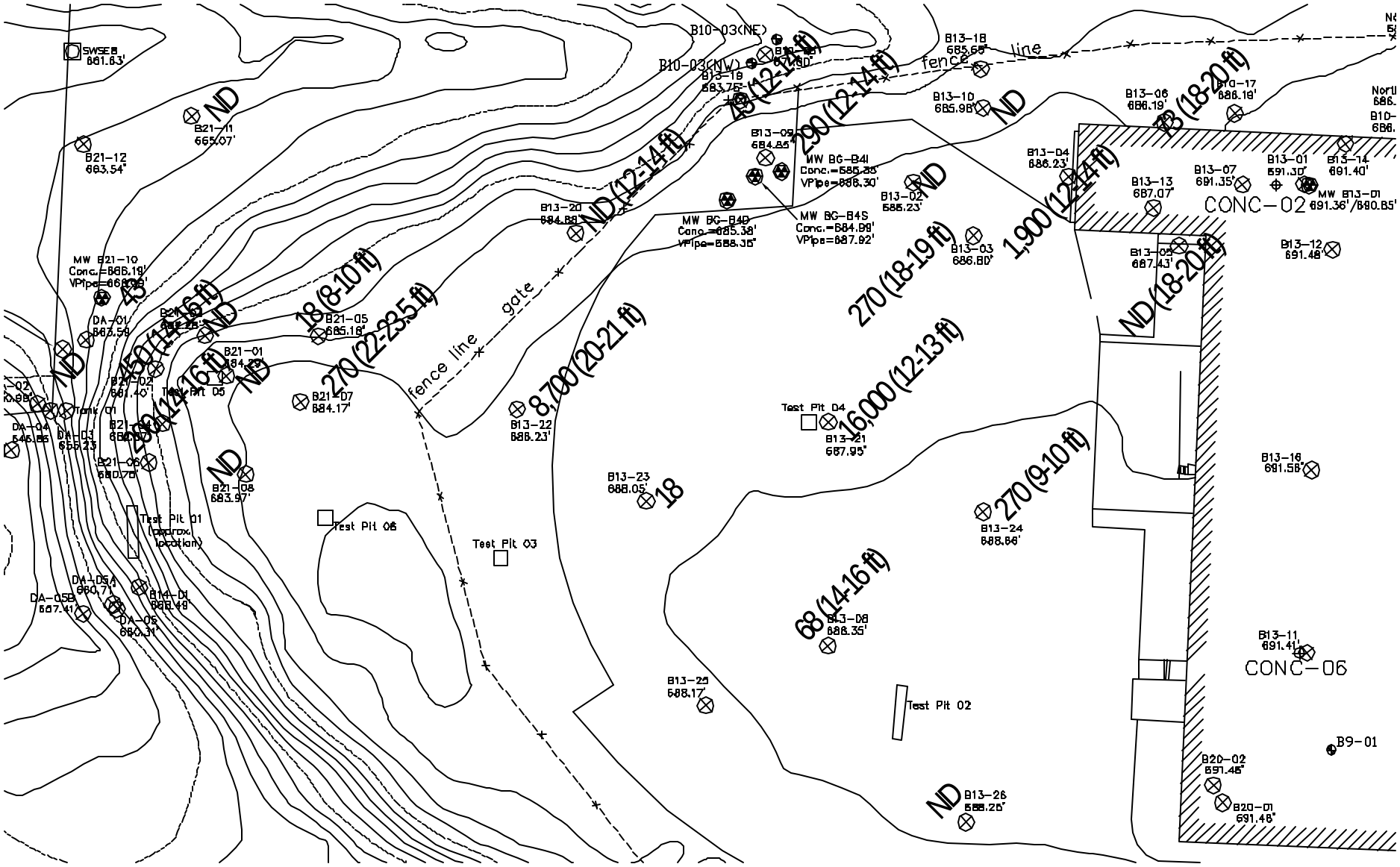
FIGURE 41. PCB CONTAMINATION IN SITE SOIL
WEST PARKING LOT (4-8 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

B2-10 SOIL BORING LOCATION

100 PCB RESULT, ug/kg

SCALE (FEET)

0 30 60 120

KELLY-BUCK COMPANY

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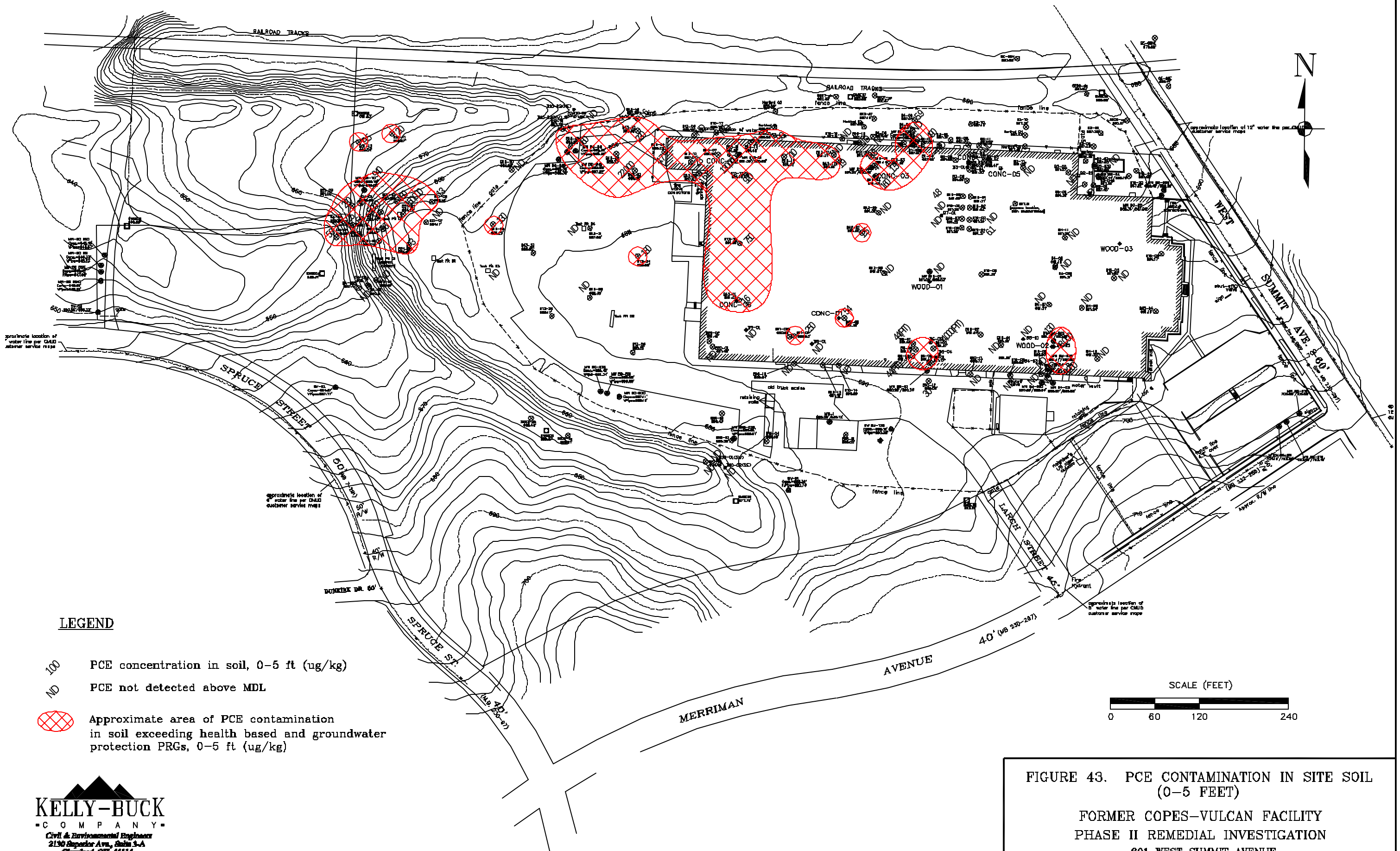
FIGURE 42. PCB CONTAMINATION IN SITE SOIL WEST PARKING LOT (>8 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

100 — PCE concentration in soil, 0–5 ft (ug/kg)

ND — PCE not detected above MDL

Approximate area of PCE contamination in soil exceeding health based and groundwater protection PRGs, 0–5 ft (ug/kg)

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FIGURE 43. PCE CONTAMINATION IN SITE SOIL (0–5 FEET)

FORMER COPES–VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

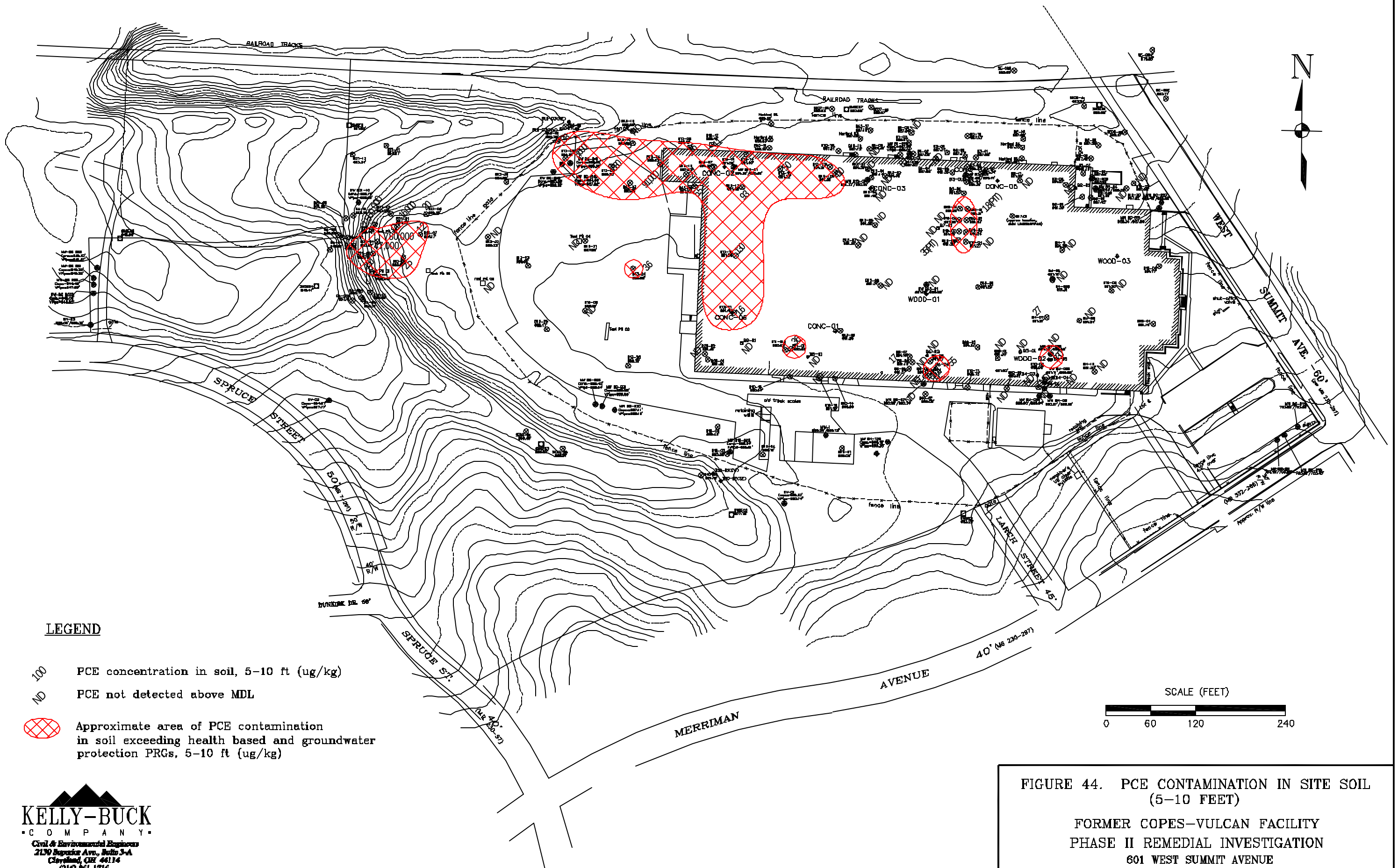
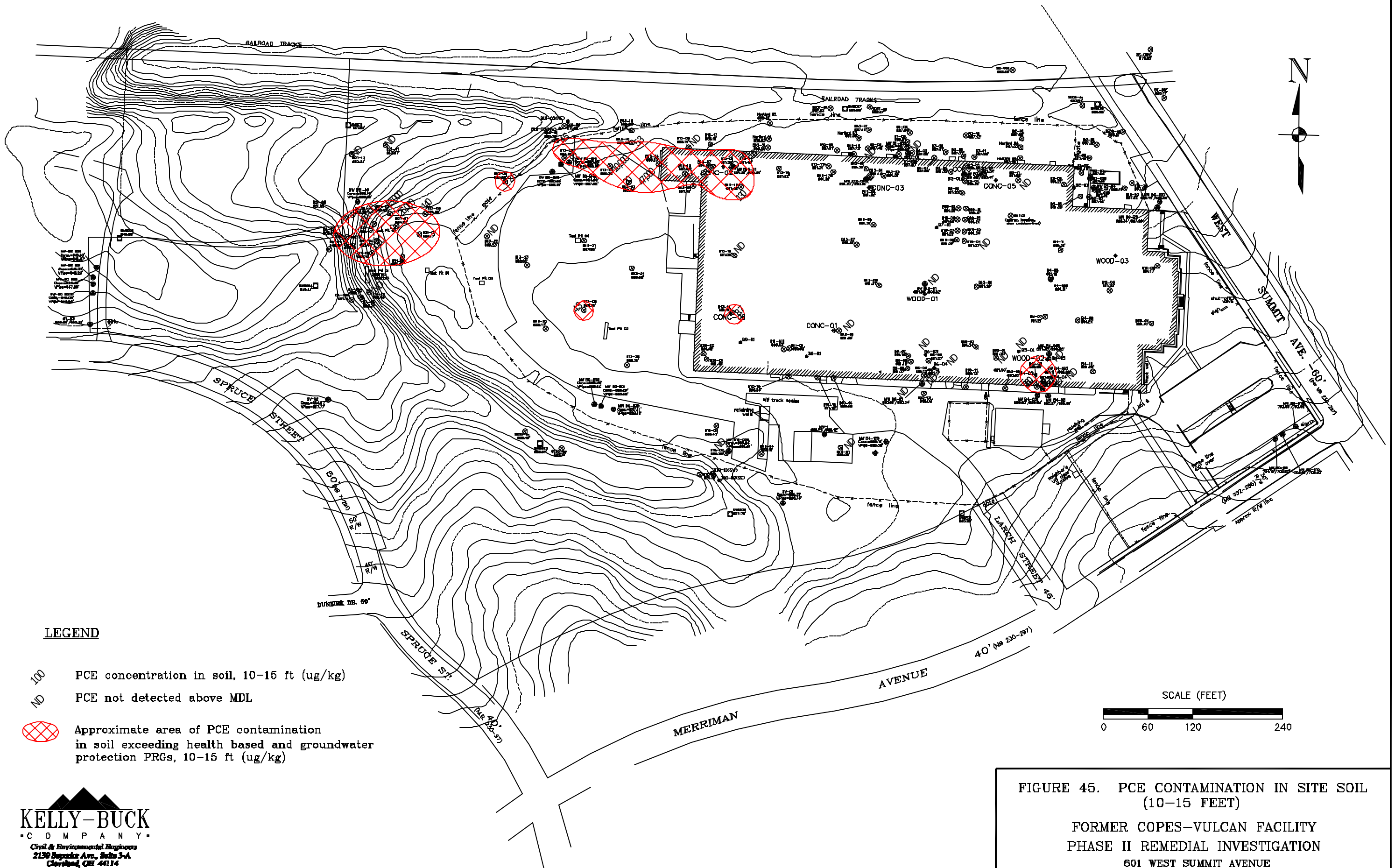


FIGURE 44. PCE CONTAMINATION IN SITE SOIL (5-10 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

100 PCE concentration in soil, 10-15 ft (ug/kg)

ND PCE not detected above MDL

Approximate area of PCE contamination in soil exceeding health based and groundwater protection PRGs, 10-15 ft (ug/kg)

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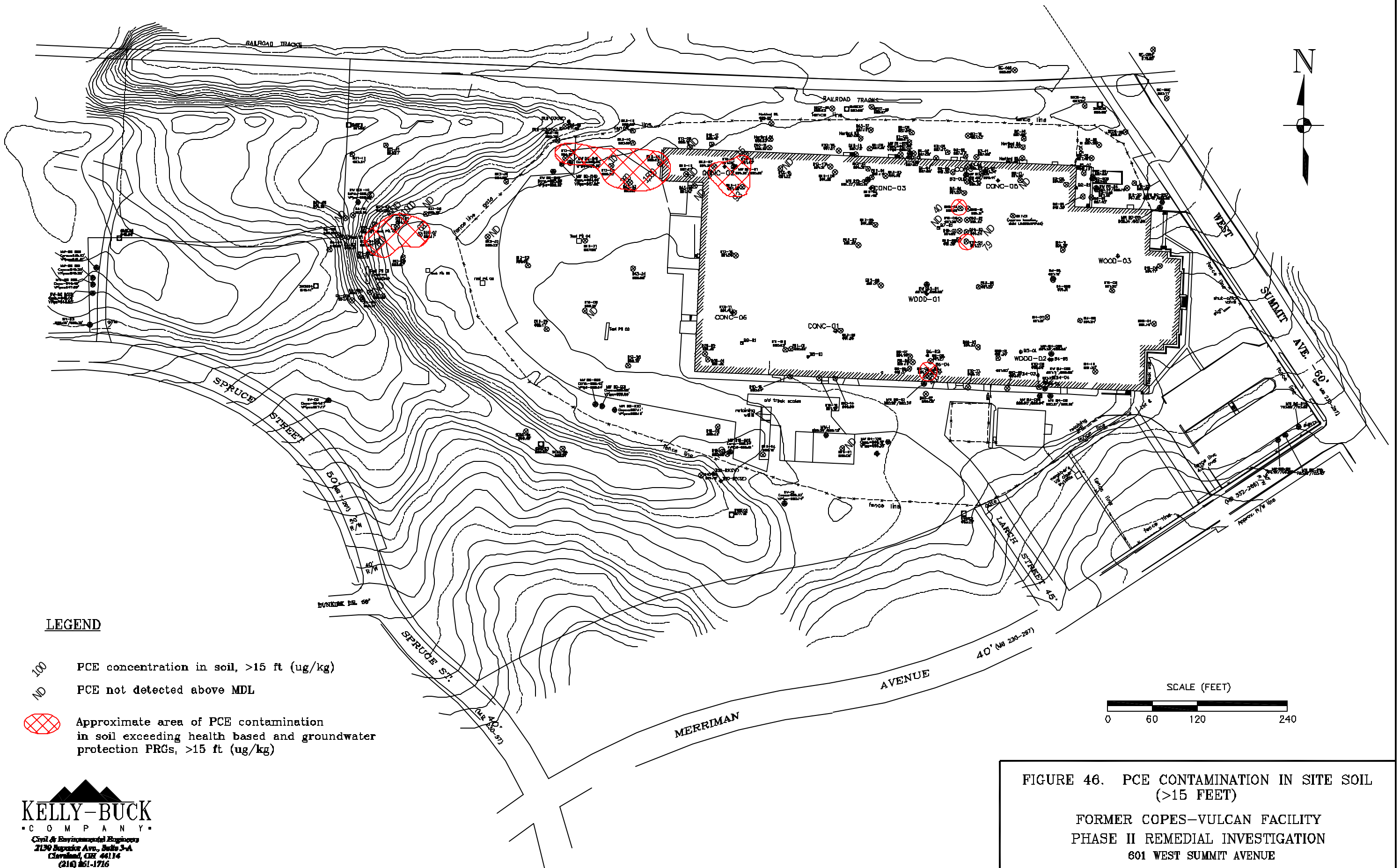
FIGURE 45. PCE CONTAMINATION IN SITE SOIL (10-15 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

100 PCE concentration in soil, >15 ft (ug/kg)

ND PCE not detected above MDL

Approximate area of PCE contamination in soil exceeding health based and groundwater protection PRGs, >15 ft (ug/kg)

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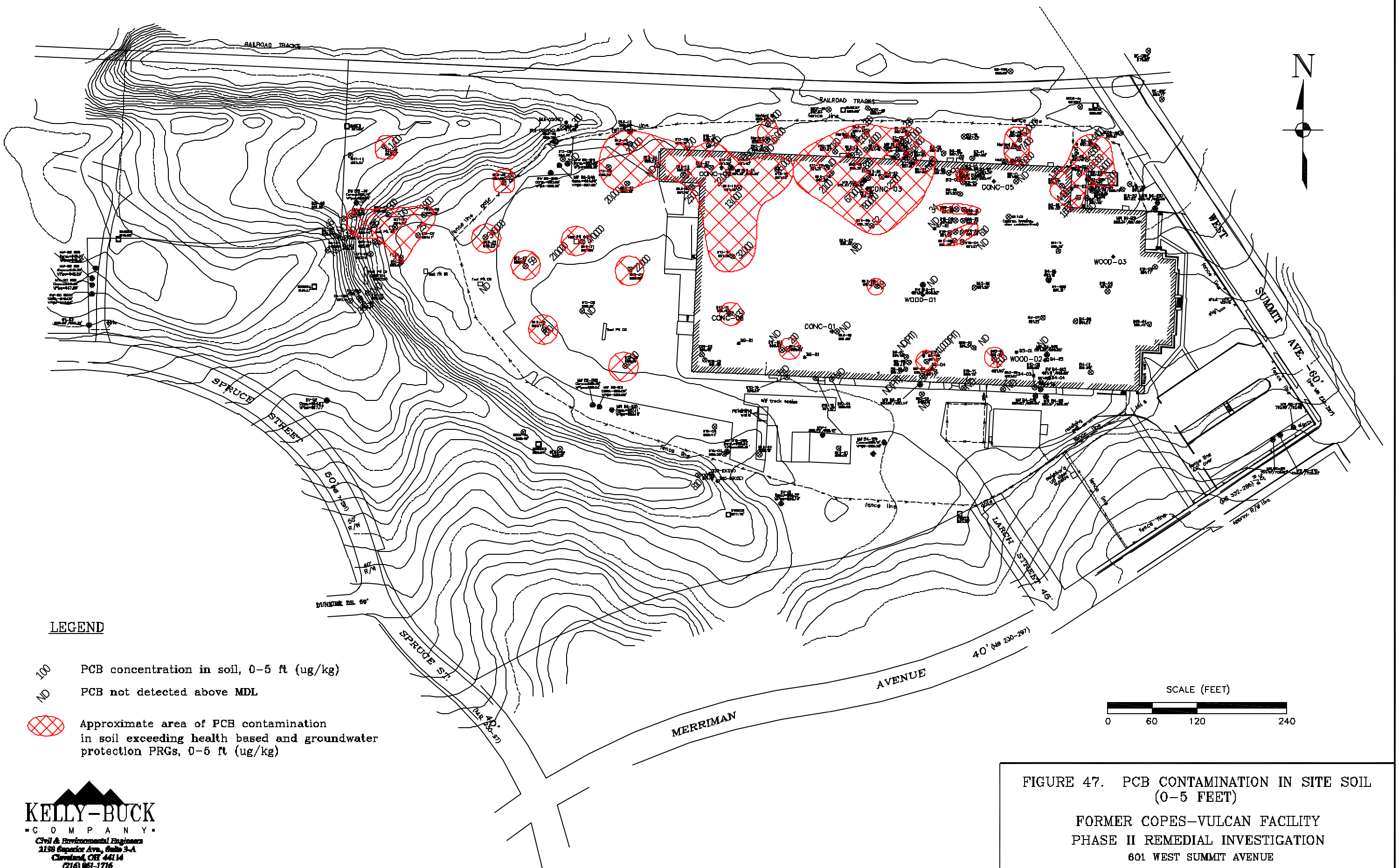
FIGURE 46. PCE CONTAMINATION IN SITE SOIL (>15 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

100 PCB concentration in soil, 0–5 ft (ug/kg)

ND PCB not detected above MDL

Approximate area of PCB contamination in soil exceeding health based and groundwater protection PRGs, 0–5 ft (ug/kg)

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FIGURE 47. PCB CONTAMINATION IN SITE SOIL (0–5 FEET)

FORMER COPES–VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

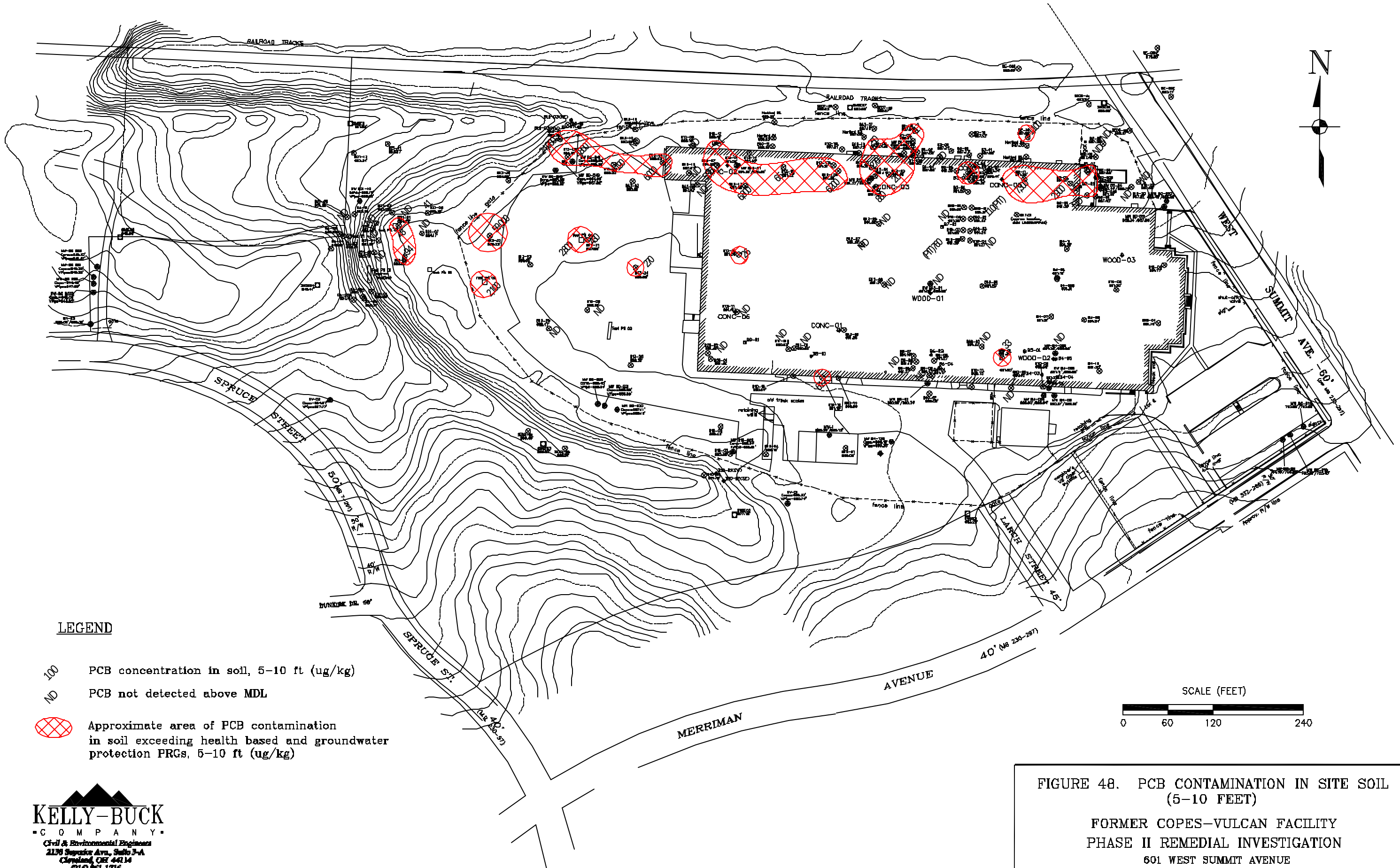

FIGURE 48. PCB CONTAMINATION IN SITE SOIL (5-10 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

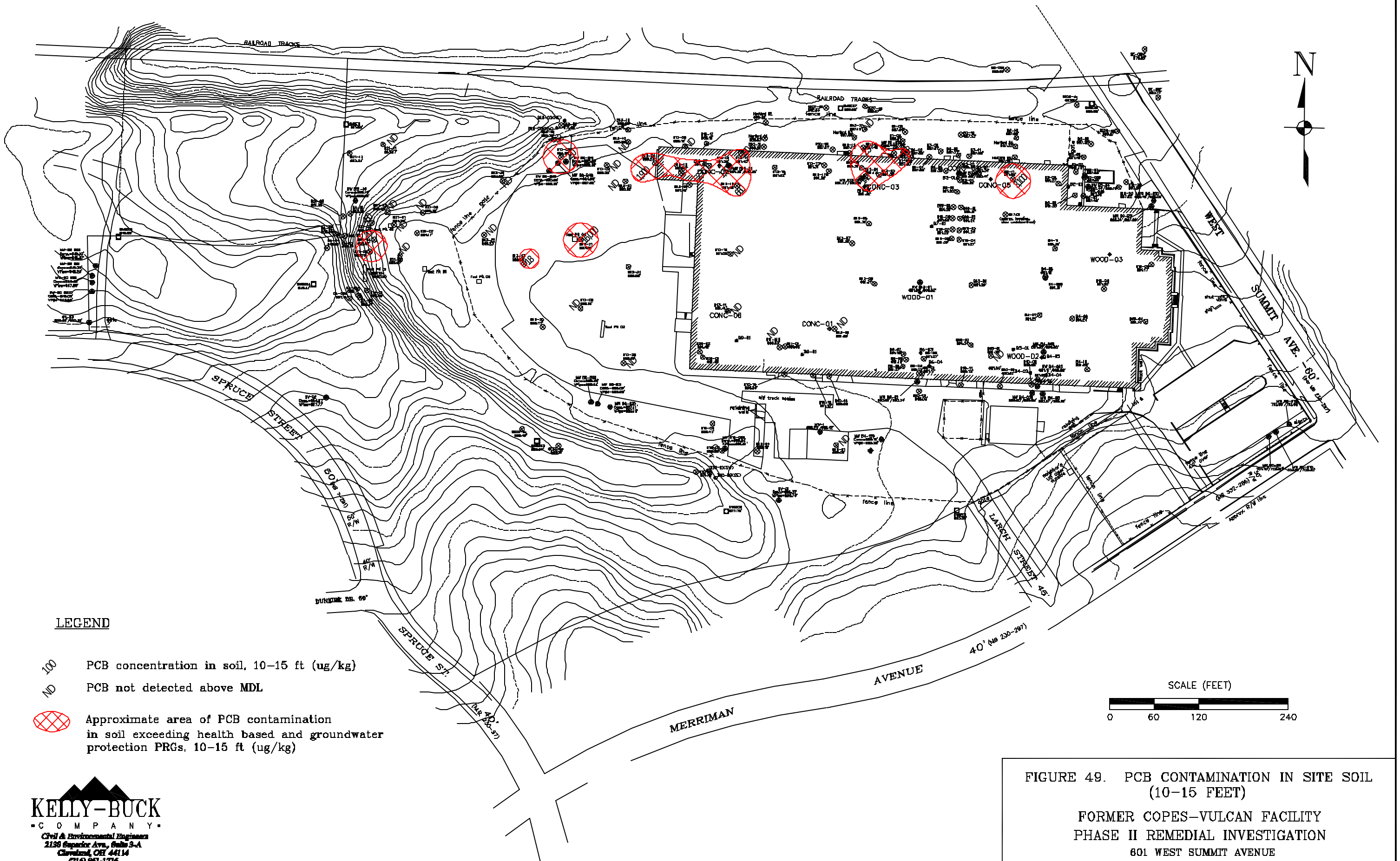

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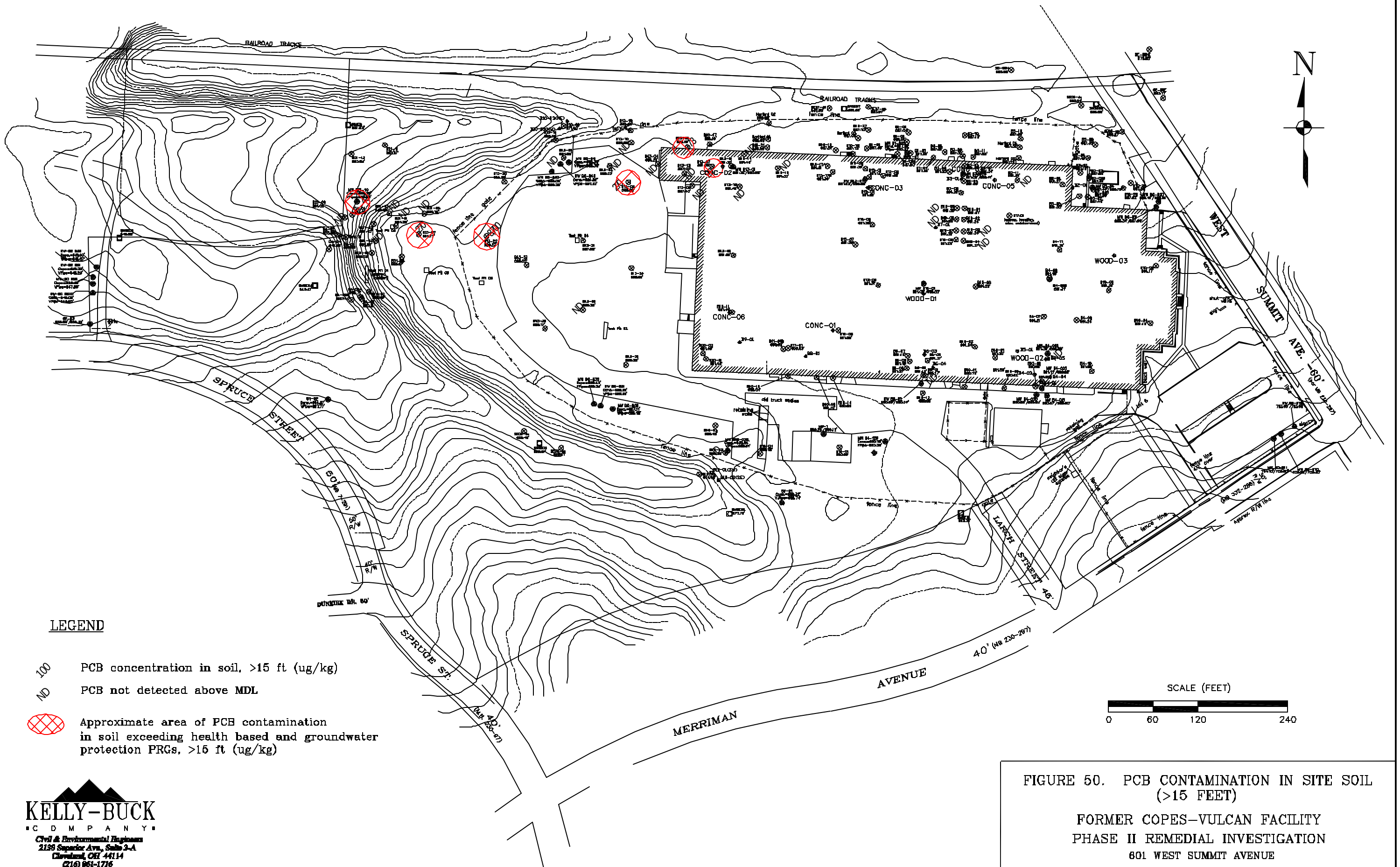
FIGURE 49. PCB CONTAMINATION IN SITE SOIL (10–15 FEET)

FORMER COPES–VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

100 PCB concentration in soil, >15 ft (ug/kg)

ND PCB not detected above MDL

Approximate area of PCB contamination in soil exceeding health based and groundwater protection PRGs, >15 ft (ug/kg)

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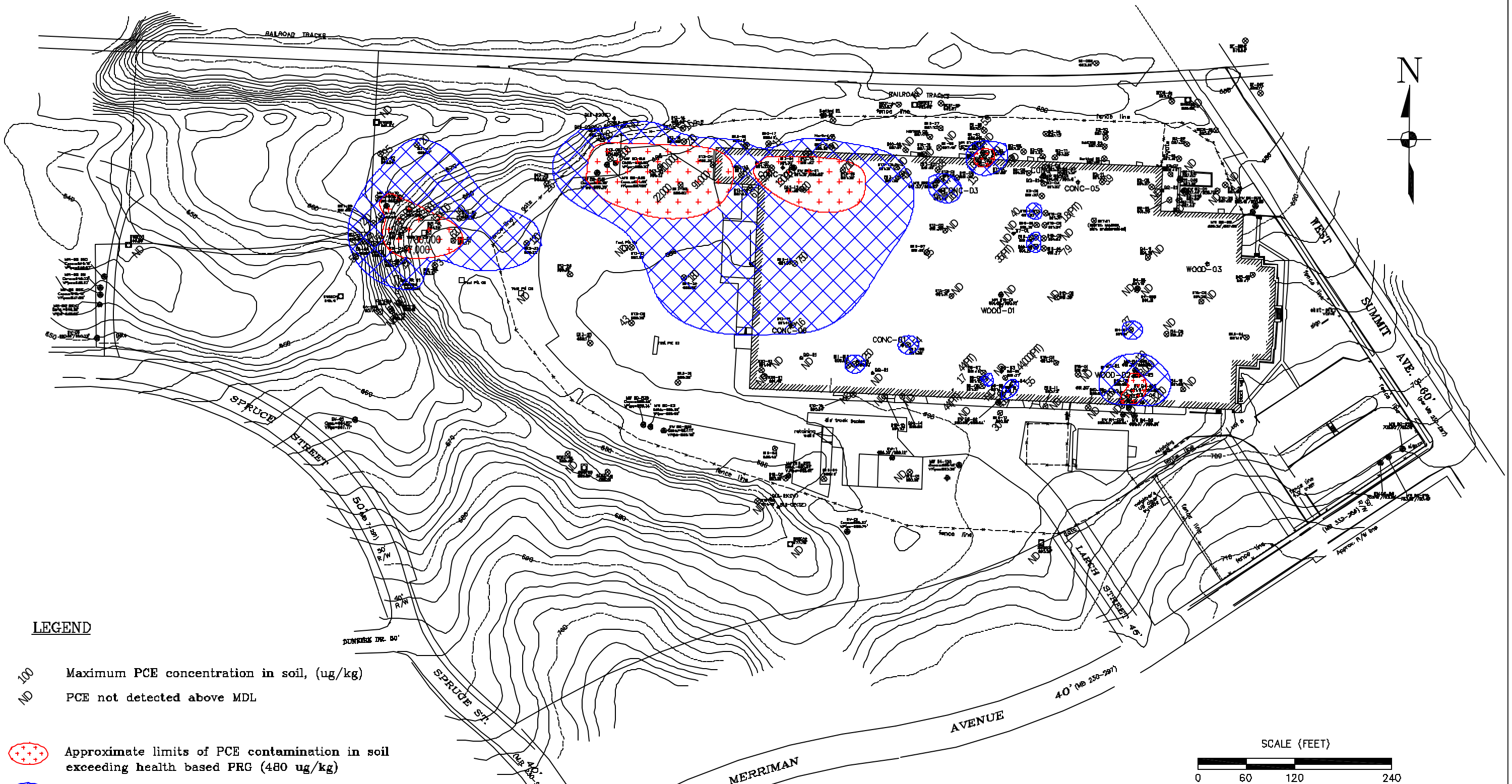
FIGURE 50. PCB CONTAMINATION IN SITE SOIL (>15 FEET)

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

100 Maximum PCE concentration in soil, (ug/kg)

ND PCE not detected above MDL

Approximate limits of PCE contamination in soil exceeding health based PRG (480 ug/kg)

Approximate limits of PCE contamination in soil exceeding ground water protection PRG (14 ug/kg)

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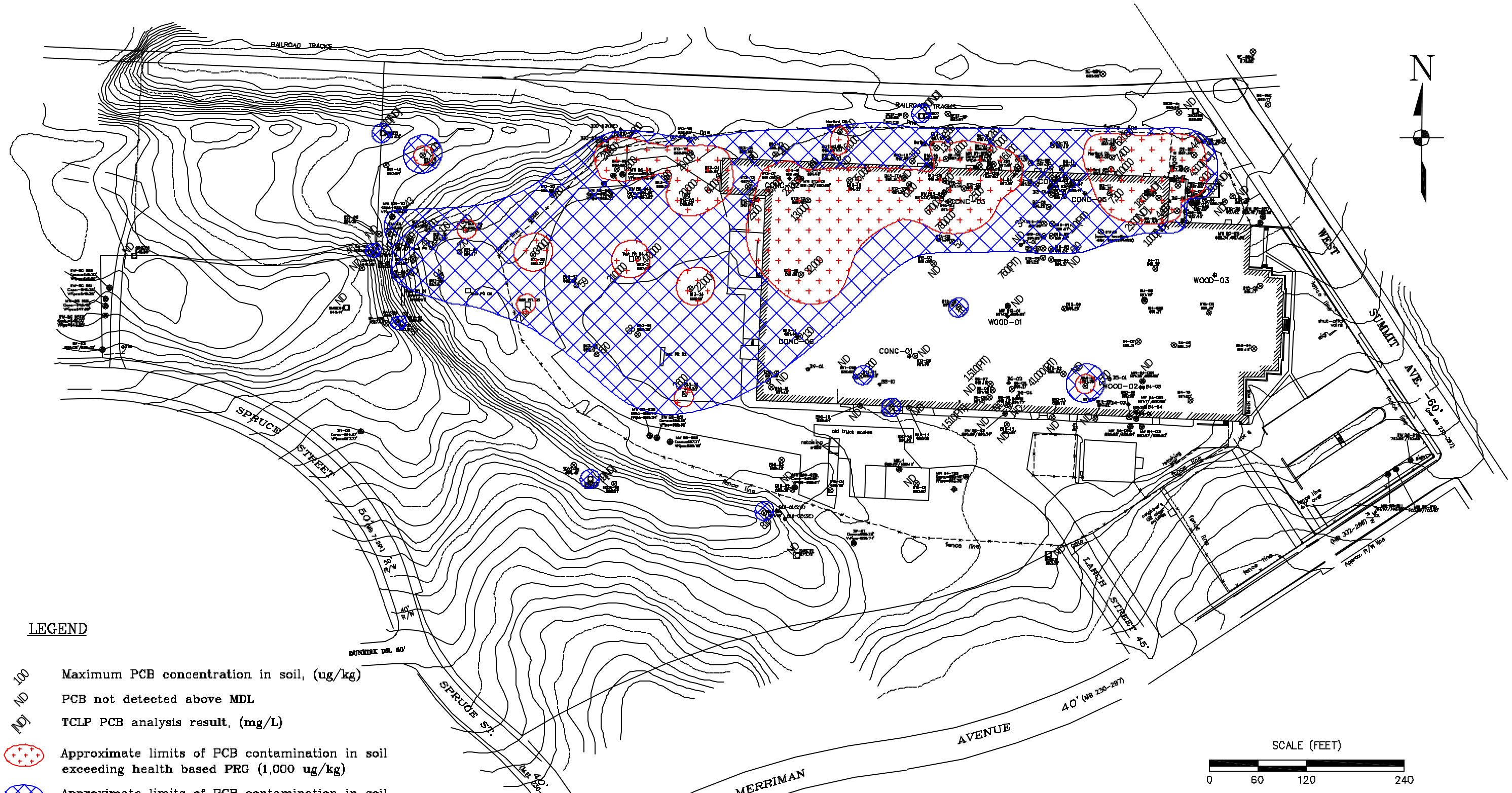
FIGURE 51. PCE CONTAMINATION IN SITE SOIL, MAXIMUM CONCENTRATION, APPROXIMATE PRG LIMITS

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



LEGEND

100 Maximum PCB concentration in soil, (ug/kg)

ND PCB not detected above MDL

[ND] TCLP PCB analysis result, (mg/L)

Approximate limits of PCB contamination in soil exceeding health based PRG (1,000 ug/kg)

Approximate limits of PCB contamination in soil exceeding ground water protection PRG (10 ug/kg)

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FIGURE 52. PCB CONTAMINATION IN SITE SOIL, MAXIMUM CONCENTRATION, APPROXIMATE PRG LIMITS

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

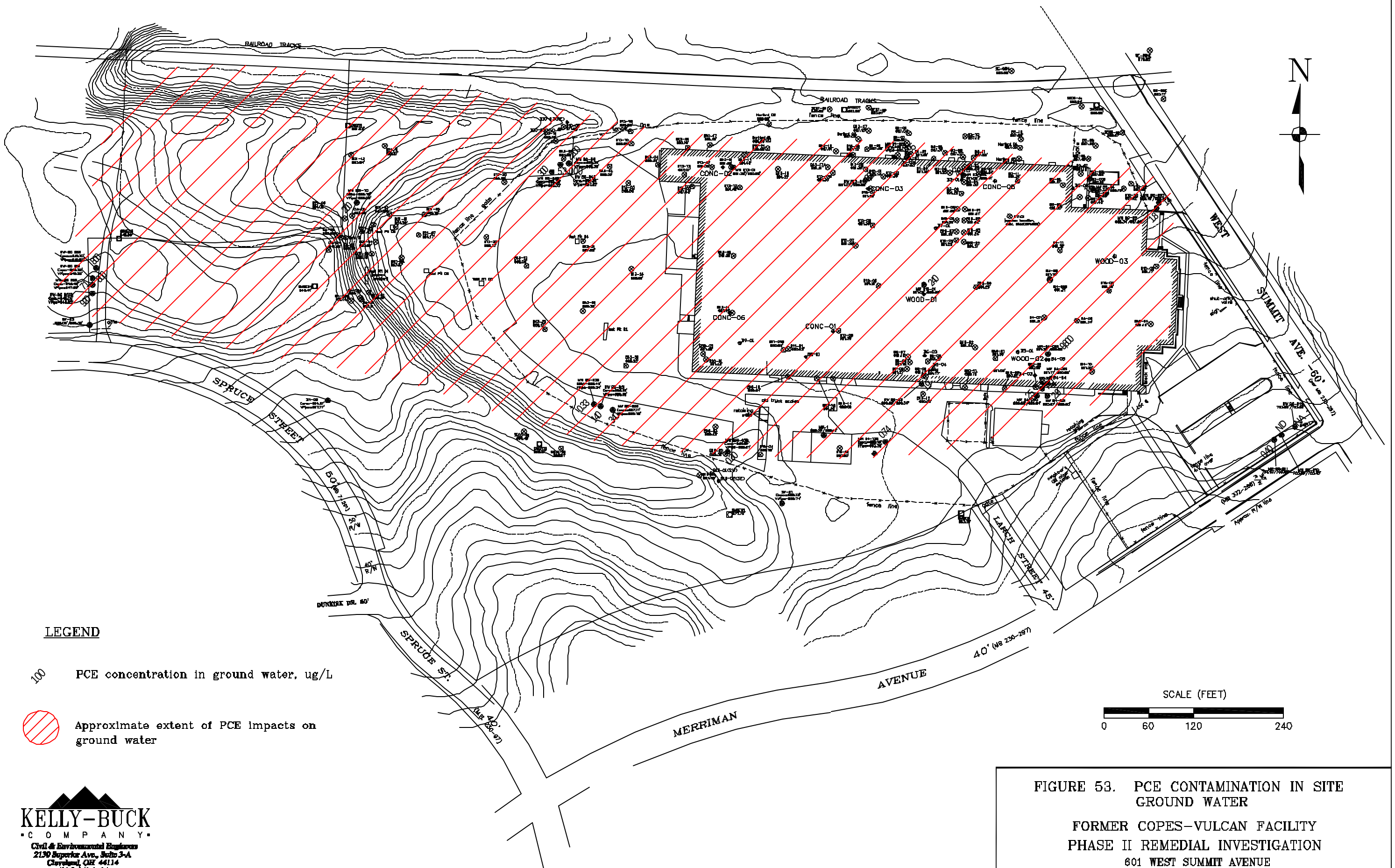


FIGURE 53. PCE CONTAMINATION IN SITE GROUND WATER

FORMER COPES-VULCAN FACILITY
PHASE II REMEDIAL INVESTIGATION
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

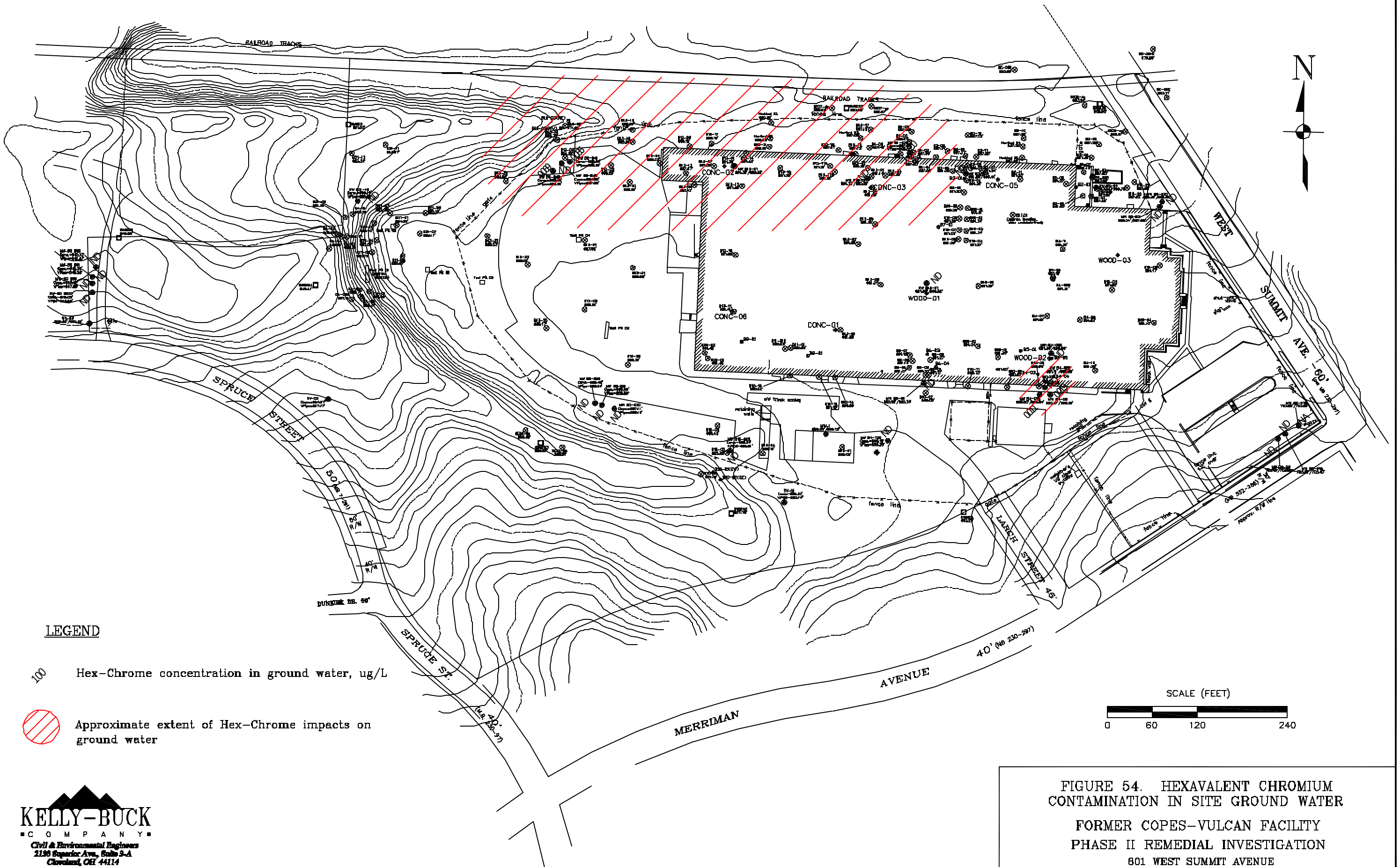


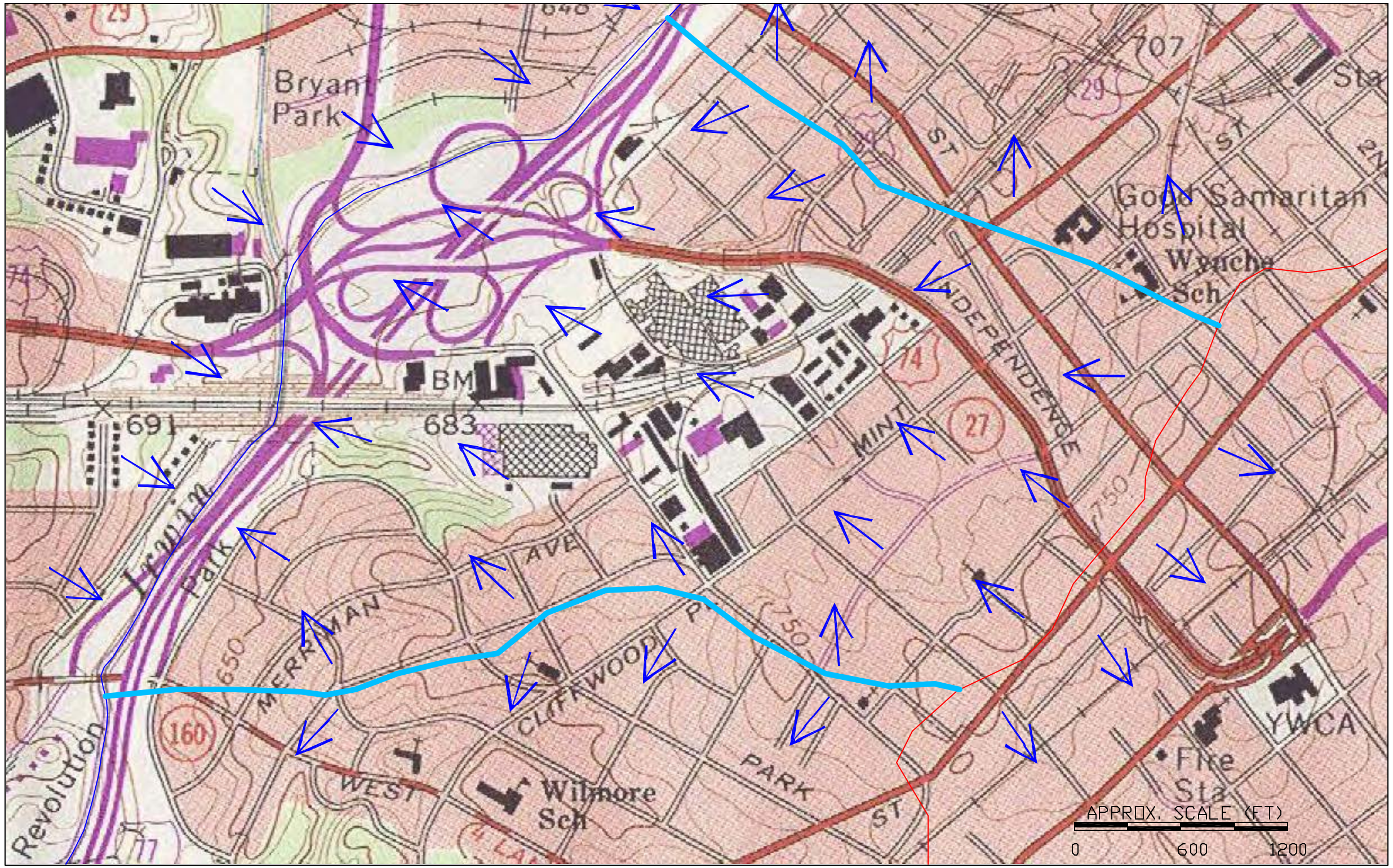
FIGURE 54. HEXAVALENT CHROMIUM CONTAMINATION IN SITE GROUND WATER

FORMER COPES-VULCAN FACILITY

PHASE II REMEDIAL INVESTIGATION

601 WEST SUMMIT AVENUE

CHARLOTTE, NC



Perennial Stream (Discharge Boundary)

Topographic Divide/Slope Aquifer Boundary System

Topographic Divide/Ground-Water Compartment Boundary

Ground-Water Flow Direction

After LeGrand, Harry E., Sr., 2004. *A Master Conceptual Model for Hydrogeological Site Characterization in the Piedmont and Mountain Region of North Carolina.* NCDENR Div. of Water Quality, Groundwater Section.

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Civil & Environmental Engineers
2153 Superior Ave., Suite 3-A
Cleveland, OH 44114
(216) 861-1716

FIGURE 55. ILLUSTRATION OF SLOPE-AQUIFER GROUND-WATER FLOW SYSTEM

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

COPYRIGHT - 07/05/2006 THE KELLY-BUCK COMPANY C:\Documents and Settings\Stan Kegley Documents\Work Documents\Project Files\2001\20101 Electrolux\2001.0107 Copes-Vulcan\20010107.10 Phase II Investigation\CAD\FIGURE 55 USGS Topo w GV flow compartment

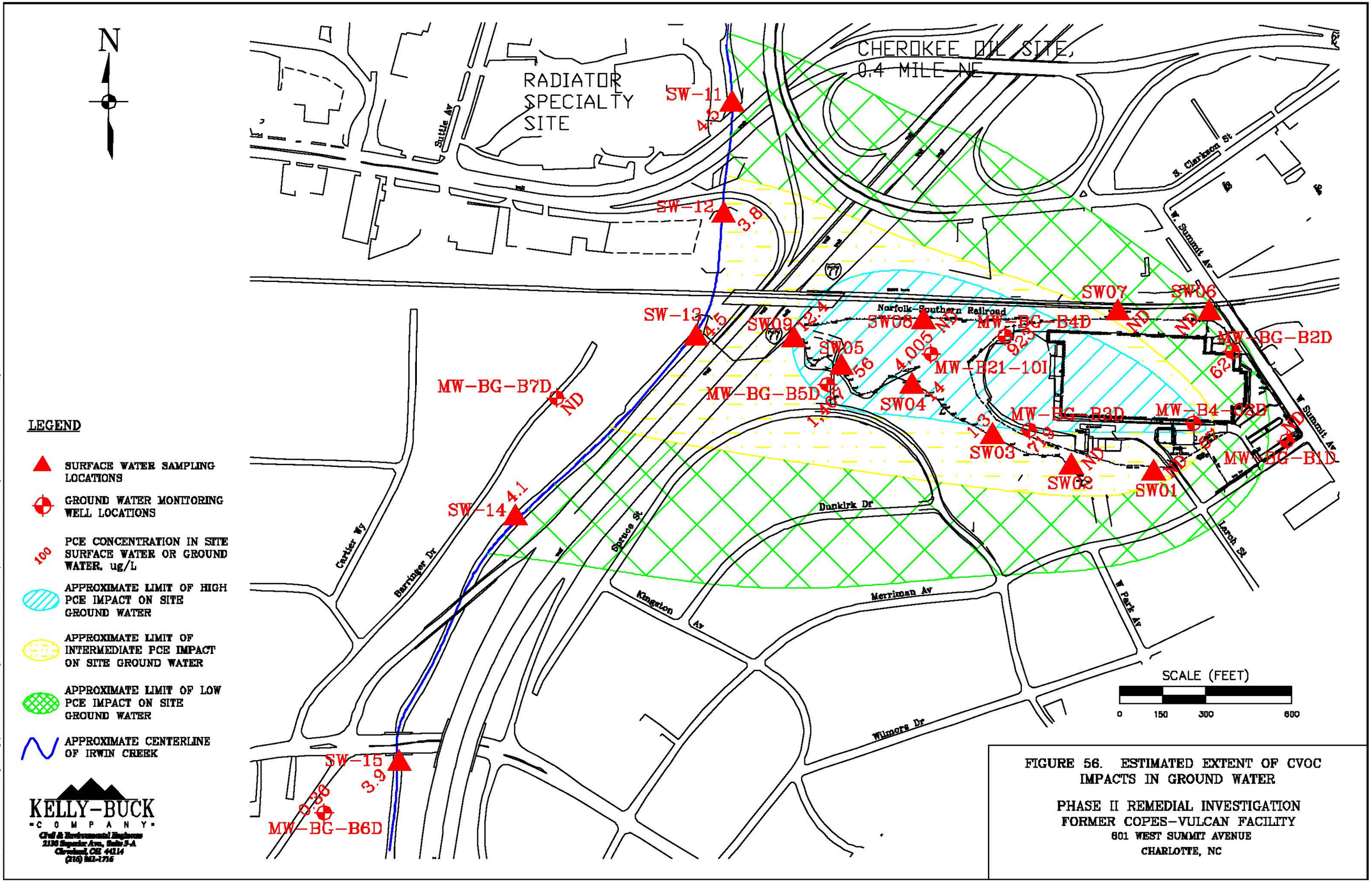

FIGURE 56. ESTIMATED EXTENT OF CVOC IMPACTS IN GROUND WATER

PHASE II REMEDIAL INVESTIGATION
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

PHASE II REMEDIAL INVESTIGATION REPORT
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NORTH CAROLINA

VOLUME 2:

ATTACHMENT 1. TABLES
ATTACHMENT 2. BORING AND WELL COMPLETION LOGS

Prepared for:

ELECTROLUX HOME PRODUCTS, INC.
20445 EMERALD PKWY. SUITE 250, PO BOX 35920
CLEVELAND, OHIO 44135-0920

Prepared by:

KELLY-BUCK COMPANY
2130 SUPERIOR AVENUE, SUITE 3-A
CLEVELAND, OHIO 44114

KELLY-BUCK PROJECT NO. 2001.01.07.10

JULY 2006

ATTACHMENT 1.
TABLES

Table 1. Work Plan Variances

Work Item or Location	Adjustment or Variance	Comments
AOC #1, AOC #11, AOC #12,	Test pit changed to borings	Soil borings were determined to be more accurate and cost-effective for finding the limits of contamination.
AOC #2, AOC #3, AOC #16,	Test pit not completed	Removal of soil was delayed until the Remedial Action Plan is complete and implemented.
AOC #10	Locations adjusted	At this area, new locations were added to the sampling list (B10-21 and B10-22), locations were removed from the list (B10-07, B10-10 and B10-13) and a location was moved (B10-15).
AOC #13	Well not completed	A replacement well for MW-B13-01 was not deemed necessary.
AOC #21	New area of concern added	While tracking contamination from AOC #13, a new source area for solvent contamination became apparent and was separated and re-named AOC #21.
Surface Water Sampling Locations	Locations added or removed, no re-sampling	Initial Phase II sampling (SW-10), re-sampling and delineation sampling of surface water locations were not possible, as the stream was dry. Locations SW-11(A), SW-11(B), SW-11(C) and SW-16 were added.

Table 2. Ground-Water Level Measurements and NAPL Screening Results

Well ID	Top of Casing (TOC) Elevation (ft, AMSL)	7/11-14/05 Depth to Water (ft below TOC)	7/11-14/05 LNAPL or DNAPL detected	7/11-14/05 Water Surface Elevation (ft, AMSL)	7/27/05 Depth to Water (ft below TOC)	7/27/05 Water Surface Elevation ft, AMSL)	11/15-17/05 Depth to Water (ft below TOC)	11/15-17/05 LNAPL or DNAPL detected	11/15-17/05 Water Surface Elevation (ft, AMSL)	3/3/06 Depth to Water (ft below TOC)	3/3/06 Water Surface Elevation (ft, AMSL)	6/20/06 Depth to Water (ft below TOC)	6/20/06 Water Surface Elevation (ft, AMSL)
MW-BG-B1(S)	703.58	Dry	NA	NA	Dry	NA	Dry	NA	NA	Dry	-	Dry	-
MW-BG-B1(I)	703.60	11.80	No	691.80	12.12	691.48	12.55	No	691.05	11.83	691.77	11.90	691.70
MW-BG-B1(D)	703.40	11.44	No	691.96	11.75	691.65	12.22	No	691.18	11.49	691.91	11.58	691.82
MW-BG-B2(I)	687.99	4.77	No	683.22	5.30	682.69	5.71	No	682.28	4.63	683.36	NA(1)	-
MW-BG-B2(D)	688.06	5.81	No	682.25	6.27	681.79	6.42	No	681.64	5.53	682.53	6.28	681.78
MW-BG-B3(S)	689.34	20.97	possible L	668.37	21.33	668.01	22.65	No	666.69	20.52	668.82	22.17	667.17
MW-BG-B3(I)	689.69	20.58	No	669.11	21.97	667.72	23.48	No	666.21	21.06	668.63	22.78	666.91
MW-BG-B3(D)	689.18	20.98	possible L	668.20	21.39	667.79	22.62	No	666.56	20.82	668.36	22.33	666.85
MW-BG-B4(S)	688.30	25.11	No	663.19	25.50	662.80	27.05	possible L	661.25	24.42	663.88	26.52	661.78
MW-BG-B4(I)	687.92	27.41	No	660.51	28.01	659.91	29.61	No	658.31	26.84	661.08	28.85	659.07
MW-BG-B4(D)	688.35	27.66	No	660.69	28.24	660.11	29.81	No	658.54	27.11	661.24	29.16	659.19
MW-BG-B5(S)	647.99	8.98	No	639.01	10.33	637.66	11.79	No	636.20	8.14	639.85	10.06	637.93
MW-BG-B5(I)	648.23	10.05	No	638.18	11.06	637.17	12.27	No	635.96	8.52	639.71	10.95	637.28
MW-BG-B5(D)	646.87	8.89	No	637.98	9.90	636.97	11.04	possible L	635.83	7.31	639.56	9.77	637.10
MW-BG-B5(XD)	646.09	NA	NA	NA	NA	NA	12.75	No	633.34	8.97	637.12	11.45	634.64
MW-BG-B6(D)	633.25	NA	NA	NA	NA	NA	21.61	No	611.64	21.08	612.17	21.35	611.90
MW-BG-B7(D)	645.27	NA	NA	NA	NA	NA	25.43	No	619.84	22.65	622.62	21.52	623.75
MW-1 (Cooper)	689.12	-	-	-	10.35	678.77	11.73	No	677.39	NA	-	NA	-
MW-B1-02(S)	690.52	22.22	No	668.30	22.67	667.85	23.98	No	666.54	22.22	668.30	23.65	666.87
MW-B2-04(S)	686.79	6.56	No	680.23	6.90	679.89	7.48	No	679.31	NA(1)	-	NA(1)	-
MW-B3-02(S)	690.41	15.75	No	674.66	15.98	674.43	16.69	No	673.72	15.35	675.06	16.53	673.88
MW-B4-02(S)	690.86	5.86	No	685.00	6.24	684.62	7.60	possible L	683.26	4.80	686.06	6.25	684.61
MW-B4-02(I)	689.80	4.83	No	684.97	6.57	683.23	6.46	possible L	683.34	4.89	684.91	4.70	685.10
MW-B4-02(D)	689.94	12.08	No	677.86	21.86	668.08	16.32	No	673.62	13.69	676.25	10.95	678.99
MW-B4-06(S)	690.90	6.29	No	684.61	6.78	684.12	8.06	possible L	682.84	5.78	685.12	6.96	683.94
MW-B4-12(S)	693.38	12.16	No	681.22	12.28	681.10	13.31	No	680.07	12.06	681.32	12.39	680.99
MW-B6-02(S)	690.24	11.40	No	678.84	11.92	678.32	12.99	No	677.25	11.44	678.80	12.12	678.12
MW-B12-01(S)	690.85	22.83	No	668.02	23.18	667.67	24.55	No	666.30	22.70	668.15	24.22	666.63
MW-B13-01(S)	690.85	Dry	NA	NA	Dry	NA	Dry	NA	NA	Dry	-	Dry	-
MW-B15-01(S)	690.52	12.88	No	677.64	13.15	677.37	14.04	No	676.48	12.82	677.70	13.64	676.88
MW-B16-02(S)	685.84	NA	NA	NA	NA	NA	15.75	No	670.09	14.67	671.17	15.33	670.51
MW-B21-10(I)	666.19	NA	NA	NA	NA	NA	24.93	possible L	641.26	21.80	644.39	23.89	642.30

NA - No measurement acquired
(1) - unable to remove well cap
Highlighted wells need TOC elevations, not provided on survey

Table 3. Sample Analytical Results: Characterization of Investigation Derived Environmental Media

		ALL DRUMS	TP-03	SOIL CHAR	SOIL DRUM COMP	WK 7 SOIL	WATER CHAR	WATER DRUM COMP	WK 7/8 WATER	EPA Limit	NCDENR Contained Out Limit (soil)
		07/29/05 08:00	11/14/05 09:00	11/14/05 16:15	02/07/06 10:00	04/05/06 17:30	11/17/05 13:15	02/07/06 10:00	04/06/06 12:00		
Metals, TCLP											
Antimony	mg/l	**0.017**	**0.017**	**0.017**	NA	NA	<0.025	NA	NA	**NA**	**1.5**
Arsenic	mg/l	<0.025	**0.016**	**0.021**	NA	**0.021**	<0.025	NA	<0.025	**5.0**	**<5**
Barium	mg/l	**0.35**	**1.1**	**0.96**	NA	**0.80**	**0.024**	NA	**0.15**	**100.0**	**<100**
Beryllium	mg/l	**0.0023**	**0.00072**	<0.0050	NA	NA	**0.00048**	NA	NA	**NA**	**7.3**
Cadmium	mg/l	**0.0058**	**0.0062**	**0.0014**	NA	<0.0050	**0.0023**	NA	<0.0050	**1.0**	**<1**
Chromium	mg/l	**0.0063**	**0.0078**	**0.010**	NA	**0.044**	**0.090**	NA	**0.052**	**5.0**	**<5**
Hexavalent Chromium	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Copper	mg/l	**0.048**	**0.11**	**0.053**	NA	NA	**0.0094**	NA	NA	**NA**	**100**
Lead	mg/l	**0.0055**	**0.052**	<0.025	NA	**0.016**	**0.026**	NA	**0.038**	**5.0**	**<5.0**
Manganese	mg/l	**6.7**	**6.2**	**10.**	NA	NA	**0.040**	NA	NA	**NA**	**NA**
Mercury	mg/l	<0.00020	<0.00020	**0.00015**	NA	**0.0027**	**0.00042**	NA	**0.000076**	**0.2**	**<0.2**
Nickel	mg/l	**0.13**	**0.070**	**0.032**	NA	NA	**0.025**	NA	NA	**NA**	**10**
Selenium	mg/l	**0.029**	**0.031**	**0.034**	NA	**0.020**	<0.025	NA	**0.0068**	**1.0**	**<1**
Silver	mg/l	**0.0020**	**0.0015**	**0.0038**	NA	<0.010	**0.0038**	NA	<0.010	**5.0**	**<5**
Thallium	mg/l	**0.031**	<0.050	<0.050	NA	NA	**0.0078**	NA	NA	**NA**	**0.24**
Zinc	mg/l	**1.7**	**1.4**	**1.2**	NA	NA	**0.027**	NA	NA	**NA**	**105**
RCRA Characteristics											
pH	units	**6.22**	**8.48**	**8.85**	NA	**8.20**	**10.1**	NA	**7.60**	**<2, >12.5**	**NA**
Free Liquids	ml/5min	<1.0	<1.0	<1.0	NA	<1.0	**83.**	NA	**50.**	**Any**	**NA**
Flash Point	deg F	>140 deg F	NA	NA	NA	NA	>140 deg F	NA	>140 deg F	**<140 deg F**	**NA**
Ignitability	mm/sec	NA	<0.8 mm/sec	<0.8 mm/sec	NA	<0.8 mm/sec	NA	NA	NA	**NA**	**NA**
Cyanide (Reactive)	mg/kg **or** mg/L	<1.5	<1.0	<1.0	NA	<1.0	<0.010 mg/L	NA	<0.020 mg/L	**250(1)**	**NA**
Sulfide (Reactive)	mg/kg **or** mg/L	<15	<10	<10	NA	<10	<1.0 mg/L	NA	<1.0 mg/L	**500(1)**	**NA**
Polychlorinated Biphenyls											
PCB-1016 (Aroclor 1016)	ug/kg	NA	NA	NA	<40.	<380	NA	<2.0	<1.0	**NA**	**NA**
PCB-1221 (Aroclor 1221)	ug/kg	NA	NA	NA	<40.	<380	NA	<2.0	<1.0	**NA**	**NA**
PCB-1232 (Aroclor 1232)	ug/kg	NA	NA	NA	<40.	<380	NA	<2.0	<1.0	**NA**	**NA**
PCB-1242 (Aroclor 1242)	ug/kg	NA	NA	NA	<40.	<380	NA	<2.0	<1.0	**NA**	**NA**
PCB-1248 (Aroclor 1248)	ug/kg	NA	NA	NA	<40.	<380	NA	<2.0	<1.0	**NA**	**NA**
PCB-1254 (Aroclor 1254)	ug/kg	NA	NA	NA	**130**	**2700**	NA	<2.0	<1.0	**NA**	**NA**
PCB-1260 (Aroclor 1260)	ug/kg	NA	NA	NA	<40.	<380	NA	<2.0	<1.0	**NA**	**NA**
Total PCBs	ug/kg	NA	NA	NA	**130**	**2700**	NA	ND	ND	**50,000(2)**	**50,000**
Volatile Organic Compounds, TCLP											
Acetone	mg/l	**0.20**	**0.076**	**0.054**	NA	NA	**0.019**	NA	NA	**NA**	**70**
Acetonitrile	mg/l	<0.050	<0.050	<0.050	NA	NA	<0.050	NA	NA	**NA**	**10**
Acrolein	mg/l	<0.25	<0.25	<0.25	NA	NA	<0.25	NA	NA	**NA**	**0.0042**
Acrylonitrile	mg/l	<0.25	<0.25	<0.25	NA	NA	<0.25	NA	NA	**NA**	**0.0039**
Allyl chloride	mg/l	<0.050	<0.050	<0.050	NA	NA	<0.050	NA	NA	**NA**	**1**
tert-Amylmethyl ether	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
tert-Amyl Alcohol	mg/l	<0.10	<0.10	<0.10	NA	NA	<0.10	NA	NA	**NA**	**NA**

Table 3. Sample Analytical Results: Characterization of Investigation Derived Environmental Media

		ALL DRUMS	TP-03	SOIL CHAR	SOIL DRUM COMP	WK 7 SOIL	WATER CHAR	WATER DRUM COMP	WK 7/8 WATER	EPA Limit	NCDENR Contained Out Limit (soil)
		07/29/05 08:00	11/14/05 09:00	11/14/05 16:15	02/07/06 10:00	04/05/06 17:30	11/17/05 13:15	02/07/06 10:00	04/06/06 12:00		
Benzene	mg/l	<0.0050	<0.0050	<0.0050	NA	**0.033**	<0.0050	NA	<0.0050	**0.5**	**<0.5**
Bromobenzene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Bromochloromethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Bromodichloromethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.056**
Bromoform	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.44**
Bromomethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
2-Butanone (MEK)	mg/l	<0.10	<0.10	<0.10	NA	<0.10	<0.10	NA	<0.10	**NA**	**<200**
n-Butylbenzene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**7**
sec-Butylbenzene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**7**
tert-Butylbenzene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**7**
3,3-Dimethyl-1-Butanol	mg/l	<0.10	<0.10	<0.10	NA	NA	<0.10	NA	NA	**NA**	**NA**
tert-Butyl Formate	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Carbon disulfide	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Carbon tetrachloride	mg/l	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	NA	<0.0050	**0.5**	**<0.5**
Chlorobenzene	mg/l	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	NA	<0.0050	**100.0**	**<100**
Chloroethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
2-Chloroethylvinyl ether	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Chloroform	mg/l	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	NA	<0.0050	**6.0**	**<6**
Chloromethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Chloroprene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
2-Chlorotoluene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**14**
4-Chlorotoluene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Cyclohexane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,2-Dibromo-3-chloropropane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.0025**
Dibromochloromethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.041**
1,2-Dibromoethane (EDB)	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.00004**
Dibromomethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,2-Dichlorobenzene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**2.4**
1,3-Dichlorobenzene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**17**
1,4-Dichlorobenzene	mg/l	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	NA	<0.0050	**7.5**	**<7.5**
cis-1,4-Dichloro-2-butene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
trans-1,4-Dichloro-2-butene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.00012**
Dichlorodifluoromethane	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**NA**
1,1-Dichloroethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,2-Dichloroethane	mg/l	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	NA	<0.0050	**0.5**	**<0.5**
1,1-Dichloroethene	mg/l	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	NA	<0.0050	**0.7**	**<0.7**
cis-1,2-Dichloroethene	mg/l	<0.020	<0.020	<0.020	NA	NA	**0.14**	NA	NA	**NA**	**7**
trans-1,2-Dichloroethene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**10**
1,2-Dichloropropane	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**NA**
1,3-Dichloropropane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.019**
2,2-Dichloropropane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,1-Dichloropropene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
cis-1,3-Dichloropropene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.019**
trans-1,3-Dichloropropene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.019**
Diisopropyl ether	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**

Table 3. Sample Analytical Results: Characterization of Investigation Derived Environmental Media

		ALL DRUMS	TP-03	SOIL CHAR	SOIL DRUM COMP	WK 7 SOIL	WATER CHAR	WATER DRUM COMP	WK 7/8 WATER	EPA Limit	NCDENR Contained Out Limit (soil)
		07/29/05 08:00	11/14/05 09:00	11/14/05 16:15	02/07/06 10:00	04/05/06 17:30	11/17/05 13:15	02/07/06 10:00	04/06/06 12:00		
1,4-Dioxane (p-Dioxane)	mg/l	<0.10	<0.10	<0.10	NA	NA	<0.10	NA	NA	**NA**	**0.7**
Ethanol	mg/l	<0.10	<0.10	<0.10	NA	NA	<0.10	NA	NA	**NA**	**NA**
Ethylbenzene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**NA**
Ethyl methacrylate	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Ethyl-tert-butyl ether	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Hexachloro-1,3-butadiene	mg/l	<0.0050	<0.0050	<0.0050	NA	NA	<0.0050	NA	NA	**0.5**	**<0.5**
2-Hexanone	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**28**
Iodomethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Isobutanol	mg/l	<0.10	<0.10	<0.10	NA	NA	<0.10	NA	NA	**NA**	**NA**
Isopropylbenzene (Cumene)	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**7**
p-Isopropyltoluene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Methacrylonitrile	mg/l	<0.050	<0.050	<0.050	NA	NA	<0.050	NA	NA	**NA**	**0.1**
Methyl acetate	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Methylcyclohexane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Methylene chloride	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**0.5**
Methyl methacrylate	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
4-Methyl-2-pentanone (MIBK)	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
2-Methyl-2-propanol	mg/l	<0.10	<0.10	<0.10	NA	NA	<0.10	NA	NA	**NA**	**NA**
Methyl-tert-butyl ether	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Naphthalene	mg/l	<0.010	<0.010	<0.010	NA	NA	**0.032**	NA	NA	**NA**	**2.1**
Propionitrile	mg/l	<0.050	<0.050	<0.050	NA	NA	<0.050	NA	NA	**NA**	**NA**
n-Propylbenzene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**7**
Styrene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**10**
1,1,1,2-Tetrachloroethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.043**
1,1,2,2-Tetrachloroethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**0.017**
Tetrachloroethene	mg/l	<0.0050	<0.0050	**0.0052**	NA	**0.0073**	**0.046**	NA	**0.079**	**0.7**	**<0.7**
Tetrahydrofuran	mg/l	<0.050	<0.050	<0.050	NA	NA	<0.050	NA	NA	**NA**	**0.16**
Toluene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**NA**
1,2,3-Trichlorobenzene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,2,4-Trichlorobenzene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**0.72**
1,1,1-Trichloroethane	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**NA**
1,1,2-Trichloroethane	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**0.02**
Trichloroethene	mg/l	<0.0050	<0.0050	<0.0050	NA	<0.0050	**0.0095**	NA	**0.022**	**0.5**	**<0.5**
Trichlorofluoromethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,2,3-Trichloropropane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,1,2-Trichlorotrifluoroethane	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,2,4-Trimethylbenzene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
1,3,5-Trimethylbenzene	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**NA**
Vinyl acetate	mg/l	<0.010	<0.010	<0.010	NA	NA	<0.010	NA	NA	**NA**	**41**
Vinyl chloride	mg/l	<0.0050	<0.0050	<0.0050	NA	<0.0050	<0.0050	NA	**0.019**	**0.2**	**<0.2**
Xylene (Total)	mg/l	<0.020	<0.020	<0.020	NA	NA	**0.026**	NA	NA	**NA**	**NA**
m&p-Xylene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**NA**
o-Xylene	mg/l	<0.020	<0.020	<0.020	NA	NA	<0.020	NA	NA	**NA**	**NA**

Table 3. Sample Analytical Results: Characterization of Investigation Derived Environmental Media

		ALL DRUMS	TP-03	SOIL CHAR	SOIL DRUM COMP	WK 7 SOIL	WATER CHAR	WATER DRUM COMP	WK 7/8 WATER	EPA Limit	NCDENR Contained Out Limit (soil)
		07/29/05 08:00	11/14/05 09:00	11/14/05 16:15	02/07/06 10:00	04/05/06 17:30	11/17/05 13:15	02/07/06 10:00	04/06/06 12:00		
Semivolatile Organic Compounds, TCLP											
1,4-Dichlorobenzene	mg/l	<0.75	<0.75	<0.75	NA	<0.75	<0.75	NA	<0.75	**7.5**	**<7.5**
2,4-Dinitrotoluene	mg/l	<0.013	<0.013	<0.013	NA	<0.013	<0.013	NA	<0.013	**0.13**	**<0.13**
Hexachloro-1,3-butadiene	mg/l	<0.050	<0.050	<0.050	NA	<0.050	<0.050	NA	<0.050	**0.5**	**<0.5**
Hexachlorobenzene	mg/l	<0.013	<0.013	<0.013	NA	<0.013	<0.013	NA	<0.013	**0.13**	**<0.13**
Hexachloroethane	mg/l	<0.30	<0.30	<0.30	NA	<0.30	<0.30	NA	<0.30	**3.0**	**<3.0**
2-Methylphenol (o-Cresol)	mg/l	<0.050	<0.050	<0.050	NA	<0.050	<0.050	NA	<0.050	**200.0**	**<200**
3&4-Methylphenol	mg/l	<0.010	<0.010	<0.010	NA	<0.010	<0.010	NA	<0.010	**200.0**	**<200**
Nitrobenzene	mg/l	<0.20	<0.20	<0.20	NA	<0.20	<0.20	NA	<0.20	**2.0**	**<2.0**
Pentachlorophenol	mg/l	<10.	<10.	<10.	NA	<10.	<10.	NA	<10.	**100.0**	**<100**
Pyridine	mg/l	<0.50	<0.50	<0.50	NA	<0.50	<0.50	NA	<0.50	**5.0**	**<5**
2,4,5-Trichlorophenol	mg/l	<40.	<40.	<40.	NA	<40.	<40.	NA	<40.	**400.0**	**<400**
2,4,6-Trichlorophenol	mg/l	<0.20	<0.20	<0.20	NA	<0.20	<0.20	NA	<0.20	**2.0**	**<2**

(1) EPA interim guidance limit
(2) Toxic Substance Disposal Act disposal limit for wastes containing PCBs

Table 4. Additional Preliminary Remediation Goals for Phase II Contaminants

SOIL

Volatile Organic Compounds	*Region 9 Table Value (mg/Kg)*	*Region 9 Value/5 (mg/Kg)*	*SRG Table Value (ppm)*	*Health-Based PRG (ug/Kg)*	*(A) NC State Stds (mg/L)*	*(B) Federal MCLs (mg/L)*	*Lower of A or B times 20 (mg/L)*	*Ground-Water Protection PRG (ug/L)*
Chlorobenzene (108-90-7)	150	30	30	**30,000**	0.05	0.1	1	**1,000**
Dichlorodifluoromethane (75-71-8)	94	18.8	18.8	**18,800**	1.4	- -	28	**28,000**
1,2-Dichloroethane (107-06-2)	0.28	ca*	0.28	**280**	0.00038	0.005	0.0076	**7.6**
Diisopropyl ether (108-20-3)	- -	- -	- -	**None**	0.070	- -	1.4	**1,400**
Hexachlorobutadiene (87-68-3)	6.2	ca**	6.2	**6,200**	0.00044	- -	0.0088	**8.8**
4-Methyl-2-pentanone (MIBK) (108-10-1)	5300	1060	1060	**1,060,000**	- -	- -	NA	**40,000***
Methyl-tert-butyl ether (1634-04-4)	32	ca	- -	**32,000**	0.2	- -	4	**4,000**
1,2,3-Trichlorobenzene (87-61-6)	- -	- -	- -	**None**	- -	- -	NA	**None**
1,2,4-Trichlorobenzene (120-82-1)	62	12.4	12.4	**12,400**	0.07	0.07	1.4	**1,400**

*MIBK is not present on either the NC State standards list or the Federal MCL list. Therefore, the 'tap water' value from the region 9 list (2,000 ug/L) was used.

Semivolatile Organic Compounds	*Region 9 Table Value (mg/Kg)*	*Region 9 Value/5 (mg/Kg)*	*SRG Table Value (ppm)*	*Health-Based PRG (ug/Kg)*	*(A) NC State Stds (mg/L)*	*(B) Federal MCLs (mg/L)*	*Lower of A or B times 20 (mg/L)*	*Ground-Water Protection PRG (ug/L)*
Benzoic acid (65-85-0)	100000	max	48000	**48,000,000**	28.0	- -	560	**560,000**
Butylbenzylphthalate (85-68-7)	12000	2400	2400	**2,400,000**	0.10	- -	2	**2,000**
Dibenz(a,h)anthracene (53-70-3)	0.062	ca	0.062	**62**	0.0000047	0.0002	0.000094	**0.094**
Di-n-butylphthalate (84-74-2)	6100	1220	1220	**1,220,000**	0.7	- -	14	**14,000**
2,4-Dinitrotoluene (121-14-2)	120	24	24	**24,000**	- -	- -	NA	**292***

*2,4-Dinitrotoluene is not present on either the NC State standards list or the Federal MCL list. Therefore, the 'tap water' value from the region 9 list (73 ug/L) was used. As it is listed as a non-carcinogenic chemical, the value was divided by five, then multiplied by 20 to achieve the GW Protection PRG.

Table 4. Additional Preliminary Remediation Goals for Phase II Contaminants

Metals	*SRG Table Value (ppm)*	*Health-Based PRG (mg/Kg)*
Chromium VI	44	**44**

GROUND WATER

Volatile Organic Compounds	*NC State PRG (mg/L)*	*EPA MCL (mg/L)*	*Ground-Water PRG (ug/L)*
1,2-Dichloroethene (Total) (540-59-0)	*	*	*

*As PRGs exist for the individual chemicals that make up 1,2-DCE, the total does not require a PRG.

Semivolatile Organic Compounds	*NC State PRG (mg/L)*	*EPA MCL (mg/L)*	*Ground-Water PRG (ug/L)*
1,2-Dichlorobenzene (95-50-1)	- -	0.6	**600**
Di-n-butylphthalate (84-74-2)	0.7	- -	**700**

SURFACE WATER

Volatile Organic Compounds	*NC State PRG (mg/L)*	*EPA MCL (mg/L)*	*Surface-Water PRG (ug/L)*
2-Chlorotoluene (95-49-8)	0.14	- -	**140**
1,2-Dichloroethene (Total) (540-59-0)	*	*	*

*As PRGs exist for the individual chemicals that make up 1,2-DCE, the total does not require a PRG.

Semivolatile Organic Compounds	*NC State PRG (mg/L)*	*EPA MCL (mg/L)*	*Surface-Water PRG (ug/L)*
N-Nitrosodiphenylamine (86-30-6)	- -	- -	**None**

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B1-03 (1-2)	B1-04 (1-2)	B1-04 (8-10)	B1-05 (1-2)	B1-05 (8-10)	B1-05 (14-16)	B1-06 (1-2)	B1-06 (8-10)	B2-11 (1-3)	B2-11 (5-6)	B2-11 (11-13)	B2-11 (17-19)	B10-08 (0-2)	B10-09 (0-2)	B10-09 (4-7)	B10-11 (0-4)	B10-12 (1-4)
				09/26/05 10:30	09/26/05 11:00	09/26/05 11:30	09/27/05 09:00	09/27/05 09:15	09/27/05 09:30	09/27/05 11:00	09/27/05 11:15	03/01/06 08:25	03/01/06 08:35	03/01/06 08:45	03/01/06 08:55	09/28/05 09:30	09/28/05 10:00	09/28/05 10:15	09/28/05 10:30	09/28/05 10:45
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	NA	NA	NA	<120000	**220**	**170**	<130	**78.**	**140**	**75.**	**120**	**85.**	**50.**	**42.**	**57.**	**160**	**140**
Benzene	ug/kg	640	20	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Bromobenzene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Bromochloromethane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Bromodichloromethane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Bromoform	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Bromomethane	ug/kg	NA	NA	NA	NA	NA	<12000	<13.	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<13.	<12.	<14.	<12.	<12.
2-Butanone	ug/kg	4,400,000	3,400	NA	NA	NA	<120000	<130	<130	<130	<130	<130	<120	<120	<130	<130	<120	<140	<120	<120
n-Butylbenzene	ug/kg	48,000	1,400	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
sec-Butylbenzene	ug/kg	44,000	1,400	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
tert-Butylbenzene	ug/kg	78,000	1,400	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Carbon Tetrachloride	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Chlorobenzene	ug/kg	30,000	1,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Chloroethane	ug/kg	3,000	56,000	NA	NA	NA	<12000	<13.	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<13.	<12.	<14.	<12.	<12.
Chloroform	ug/kg	220	3.8	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Chloromethane	ug/kg	9,400	52	NA	NA	NA	<12000	<13.	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<13.	<12.	<14.	<12.	<12.
2-Chlorotoluene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
4-Chlorotoluene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Dibromochloromethane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2-Dibromoethane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Dibromomethane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2-Dichlorobenzene	ug/kg	220,000	12,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,3-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,4-Dichlorobenzene	ug/kg	3,400	1,500	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Dichlorodifluoromethane	ug/kg	18,800	28,000	NA	NA	NA	<12000	<13.	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<13.	<12.	<14.	<12.	<12.
1,1-Dichloroethane	ug/kg	102,000	14,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2-Dichloroethane	ug/kg	280	7.6	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,1-Dichloroethene	ug/kg	24,000	140	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2-Dichloropropane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,3-Dichloropropane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
2,2-Dichloropropane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,1-Dichloropropene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
cis-1,3-Dichloropropene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
trans-1,3-Dichloropropene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Isopropyl Ether	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Ethylbenzene	ug/kg	380,000	580	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Hexachlorobutadiene	ug/kg	6,200	8.8	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
2-Hexanone	ug/kg	NA	NA	NA	NA	NA	<61000	<65.	<66.	<63.	<63.	<65.	<62.	<61.	<63.	<65.	<58.	<72.	<60.	<60.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
p-Isopropyltoluene	ug/kg	14,600,000	280	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Methylene chloride	ug/kg	9,100	100	NA	NA	NA	<6100	**5.4**	**15.**	<6.3	**19.**	**34.**	**15.**	**23.**	**18.**	<6.5	<5.8	**11.**	<6.0	**14.**
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	NA	NA	NA	<61000	<65.	<66.	<63.	<63.	<65.	<62.	<61.	<63.	<65.	<58.	<72.	<60.	<60.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B1-03 (1-2)	B1-04 (1-2)	B1-04 (8-10)	B1-05 (1-2)	B1-05 (8-10)	B1-05 (14-16)	B1-06 (1-2)	B1-06 (8-10)	B2-11 (1-3)	B2-11 (5-6)	B2-11 (11-13)	B2-11 (17-19)	B10-08 (0-2)	B10-09 (0-2)	B10-09 (4-7)	B10-11 (0-4)	B10-12 (1-4)
				09/26/05 10:30	09/26/05 11:00	09/26/05 11:30	09/27/05 09:00	09/27/05 09:15	09/27/05 09:30	09/27/05 11:00	09/27/05 11:15	03/01/06 08:25	03/01/06 08:35	03/01/06 08:45	03/01/06 08:55	09/28/05 09:30	09/28/05 10:00	09/28/05 10:15	09/28/05 10:30	09/28/05 10:45
Methyl-tert-butyl ether	ug/kg	32,000	4,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Naphthalene	ug/kg	11,200	420	NA	NA	NA	**84000**	**410**	<6.6	**2.0**	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	**1.5**	<7.2	<6.0	<6.0
n-Propylbenzene	ug/kg	48,000	1,400	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Styrene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Tetrachloroethene	ug/kg	480	14	<6.5	<5.7	<6.6	<6100	<6.5	<6.6	**5.9**	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	**30.**
Toluene	ug/kg	132,000	20,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	**3.9**	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2,3-Trichlorobenzene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,1,1-Trichloroethane	ug/kg	400,000	4,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,1,2-Trichloroethane	ug/kg	730	4	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Trichloroethene	ug/kg	53	56	<6.5	<5.7	<6.6	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Trichlorofluoromethane	ug/kg	78,000	42,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2,3-Trichloropropane	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
Vinyl acetate	ug/kg	NA	NA	NA	NA	NA	<61000	<65.	<66.	<63.	<63.	<65.	<62.	<61.	<63.	<65.	<58.	<72.	<60.	<60.
Vinyl chloride	ug/kg	79	0.3	NA	NA	NA	<12000	<13.	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<13.	<12.	<14.	<12.	<12.
Xylenes (Total)	ug/kg	54,000	10,600	NA	NA	NA	<6.1	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0
m,p-Xylene	ug/kg	NA	NA	NA	NA	NA	<12000	<13.	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<13.	<12.	<14.	<12.	<12.
o-Xylene	ug/kg	NA	NA	NA	NA	NA	<6100	<6.5	<6.6	<6.3	<6.3	<6.5	<6.2	<6.1	<6.3	<6.5	<5.8	<7.2	<6.0	<6.0

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B10-14 (4-6)	B10-15 (6-8)	B10-16 (2-4)	B10-17 (3-5)	B10-17 (6-8)	B10-18 (3-5)	B10-18 SEWER RESIDUE	B10-19 (3-5)	B10-20 (4-7)	B10-20 SEWER RESIDUE	B10-21 (4-6)	B10-22 (6-8)	B12-02 (3-4)	B12-02 (8-10)	B12-03 (3-4)	B12-03 (8-10)	B12-04 (3-4)
				09/28/05 11:15	09/28/05 12:00	09/28/05 11:30	09/28/05 14:00	09/28/05 14:15	09/28/05 14:45	09/28/05 14:30	09/28/05 15:00	09/28/05 00:00	09/28/05 18:00	09/28/05 15:30	09/28/05 16:30	09/29/05 09:30	09/29/05 09:45	09/29/05 10:00	09/29/05 10:15	09/29/05 10:45
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	**98.**	**100**	<130	**180**	**280**	**26.**	**490**	**33.**	**93.**	**120**	**180**	**52.**	**490**	**79.**	**320**	**350**	<100
Benzene	ug/kg	640	20	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	**62.**
Bromobenzene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Bromochloromethane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Bromodichloromethane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Bromoform	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Bromomethane	ug/kg	NA	NA	<13.	<13.	<13.	<13.	<12.	<12.	<12.	<15.	<15.	<10.	<12.	<12.	<12.	<11.	<13.	<12.	<10.
2-Butanone	ug/kg	4,400,000	3,400	<130	<130	<130	<130	<120	<120	<120	<150	<150	<100	<120	<120	<120	<110	<130	<120	<100
n-Butylbenzene	ug/kg	48,000	1,400	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
sec-Butylbenzene	ug/kg	44,000	1,400	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
tert-Butylbenzene	ug/kg	78,000	1,400	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Carbon Tetrachloride	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Chlorobenzene	ug/kg	30,000	1,000	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Chloroethane	ug/kg	3,000	56,000	<13.	<13.	<13.	<13.	<12.	<12.	<12.	<15.	<15.	<10.	<12.	<12.	<12.	<11.	<13.	<12.	<10.
Chloroform	ug/kg	220	3.8	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Chloromethane	ug/kg	9,400	52	<13.	<13.	<13.	<13.	<12.	<12.	<12.	<15.	<15.	<10.	<12.	<12.	<12.	<11.	<13.	<12.	<10.
2-Chlorotoluene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
4-Chlorotoluene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Dibromochloromethane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,2-Dibromoethane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Dibromomethane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,3-Dichlorobenzene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Dichlorodifluoromethane	ug/kg	18,800	28,000	<13.	<13.	<13.	<13.	<12.	<12.	<12.	<15.	<15.	<10.	<12.	<12.	<12.	<11.	<13.	<12.	<10.
1,1-Dichloroethane	ug/kg	102,000	14,000	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,2-Dichloroethane	ug/kg	280	7.6	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,1-Dichloroethene	ug/kg	24,000	140	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	<6.5	<6.6	<6.5	<6.7	**9.6**	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,2-Dichloropropane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,3-Dichloropropane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
2,2-Dichloropropane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,1-Dichloropropene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
cis-1,3-Dichloropropene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
trans-1,3-Dichloropropene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Isopropyl Ether	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Ethylbenzene	ug/kg	380,000	580	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	**54.**
Hexachlorobutadiene	ug/kg	6,200	8.8	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
2-Hexanone	ug/kg	NA	NA	<65.	<66.	<65.	<67.	<62.	<61.	<62.	<73.	<75.	<52.	<61.	<60.	<62.	<57.	<67.	<61.	<52.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<6.5	**2.3**	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	**63.**
p-Isopropyltoluene	ug/kg	14,600,000	280	<6.5	<6.6	<6.5	<6.7	**6.9**	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	**1.5**	<5.7	<6.7	<6.1	**58.**
Methylene chloride	ug/kg	9,100	100	**11.**	<6.6	**5.1**	**14.**	**21.**	<6.1	**190**	**7.7**	**6.0**	**8.2**	**22.**	<6.0	**7.1**	<5.7	**6.9**	<6.1	<5.2
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<65.	<66.	<65.	<67.	<62.	<61.	<62.	<73.	<75.	<52.	<61.	<60.	<62.	<57.	<67.	<61.	<52.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B10-14 (4-6)	B10-15 (6-8)	B10-16 (2-4)	B10-17 (3-5)	B10-17 (6-8)	B10-18 (3-5)	B10-18 SEWER RESIDUE	B10-19 (3-5)	B10-20 (4-7)	B10-20 SEWER RESIDUE	B10-21 (4-6)	B10-22 (6-8)	B12-02 (3-4)	B12-02 (8-10)	B12-03 (3-4)	B12-03 (8-10)	B12-04 (3-4)
				09/28/05 11:15	09/28/05 12:00	09/28/05 11:30	09/28/05 14:00	09/28/05 14:15	09/28/05 14:45	09/28/05 14:30	09/28/05 15:00	09/28/05 00:00	09/28/05 18:00	09/28/05 15:30	09/28/05 16:30	09/29/05 09:30	09/29/05 09:45	09/29/05 10:00	09/29/05 10:15	09/29/05 10:45
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	**5.3**	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Naphthalene	ug/kg	11,200	420	<6.5	<6.6	**1.4**	<6.7	<6.2	<6.1	**42.**	<7.3	<7.5	<5.2	<6.1	<6.0	**6.9**	**4.5**	<6.7	<6.1	**96.**
n-Propylbenzene	ug/kg	48,000	1,400	<6.5	<6.6	<6.5	<6.7	**1.3**	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	**44.**
Styrene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Tetrachloroethene	ug/kg	480	14	<6.5	<6.6	<6.5	<6.7	**11.**	<6.1	**550**	<7.3	<7.5	<5.2	**90.**	<6.0	**3.8**	<5.7	**1.5**	<6.1	**160**
Toluene	ug/kg	132,000	20,000	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	**2.3**	<6.0	<6.2	<5.7	<6.7	<6.1	**50.**
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<6.5	<6.6	**1.6**	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,1,2-Trichloroethane	ug/kg	730	4	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Trichloroethene	ug/kg	53	56	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
Trichlorofluoromethane	ug/kg	78,000	42,000	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,2,3-Trichloropropane	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	<5.2
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	**3.0**	<5.7	<6.7	<6.1	**280**
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<6.5	<6.6	<6.5	<6.7	**3.8**	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	**1.5**	<5.7	<6.7	<6.1	**120**
Vinyl acetate	ug/kg	NA	NA	<65.	<66.	<65.	<67.	<62.	<61.	<62.	<73.	<75.	<52.	<61.	<60.	<62.	<57.	<67.	<61.	<52.
Vinyl chloride	ug/kg	79	0.3	<13.	<13.	<13.	**1.6**	**7.4**	<12.	<12.	<15.	<15.	<10.	<12.	<12.	<12.	<11.	<13.	<12.	<10.
Xylenes (Total)	ug/kg	54,000	10,600	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	**96.**
m,p-Xylene	ug/kg	NA	NA	<13.	<13.	<13.	<13.	**2.3**	<12.	<12.	<15.	<15.	<10.	<12.	<12.	<12.	<11.	<13.	<12.	**62.**
o-Xylene	ug/kg	NA	NA	<6.5	<6.6	<6.5	<6.7	<6.2	<6.1	<6.2	<7.3	<7.5	<5.2	<6.1	<6.0	<6.2	<5.7	<6.7	<6.1	**34.**

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B12-04 (8-10)	B12-05 (2-4)	B12-05 (8-10)	B12-06 (4-6)	B12-06 (11-12)	B12-07 (2-4)	B12-07 (8-10)	B12-08 (1-3)	B12-08 (8-10)	B13-02 (6-8)	B13-02 (10-12)	B13-02 (18-20)	B13-03 (2-4)	B13-03 (10-12)	B13-03 (18-19)	B13-04 (2-4)	B13-04 (7-8)
				09/29/05 11:00	02/28/06 09:15	02/28/06 09:30	02/28/06 09:50	02/28/06 10:00	03/01/06 09:10	03/01/06 09:20	03/01/06 09:40	03/01/06 09:50	08/11/05 09:30	08/11/05 09:50	08/11/05 10:20	08/11/05 11:00	08/11/05 11:20	08/11/05 11:40	08/11/05 13:30	08/11/05 14:00
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	**45.**	**110**	**130**	**140**	**240**	**95.**	**150**	**69.**	**49.**	**210**	**320**	**15.**	**440**	**330**	**69.**	**270**	<140
Benzene	ug/kg	640	20	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**3.0**	<5.5	**3.8**	<6.6	<6.2	<6.5	<6.8
Bromobenzene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Bromochloromethane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Bromodichloromethane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Bromoform	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Bromomethane	ug/kg	NA	NA	<12.	<12.	<12.	<11.	<14.	<14.	<11.	<12.	<13.	<12.	<13.	<11.	<13.	<13.	<12.	<13.	<14.
2-Butanone	ug/kg	4,400,000	3,400	<120	<120	<120	<110	<140	<140	<110	<120	<130	**25.**	<130	<110	**50.**	<130	<120	<130	<140
n-Butylbenzene	ug/kg	48,000	1,400	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
sec-Butylbenzene	ug/kg	44,000	1,400	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	**23.**	<6.6	<6.2	<6.5	**20.**
tert-Butylbenzene	ug/kg	78,000	1,400	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Carbon Tetrachloride	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Chlorobenzene	ug/kg	30,000	1,000	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Chloroethane	ug/kg	3,000	56,000	<12.	<12.	<12.	<11.	<14.	<14.	<11.	<12.	<13.	<12.	<13.	<11.	<13.	<13.	<12.	<13.	<14.
Chloroform	ug/kg	220	3.8	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Chloromethane	ug/kg	9,400	52	<12.	<12.	<12.	<11.	<14.	<14.	<11.	<12.	<13.	<12.	<13.	<11.	<13.	<13.	<12.	<13.	<14.
2-Chlorotoluene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
4-Chlorotoluene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Dibromochloromethane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,2-Dibromoethane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Dibromomethane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**18.**	<5.5	<6.4	<6.6	<6.2	<6.5	**410**
1,3-Dichlorobenzene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**2.0**	<5.5	<6.4	<6.6	<6.2	<6.5	**55.**
Dichlorodifluoromethane	ug/kg	18,800	28,000	<12.	<12.	<12.	<11.	<14.	<14.	<11.	<12.	<13.	<12.	**2.3**	<11.	<13.	<13.	<12.	<13.	**2.5**
1,1-Dichloroethane	ug/kg	102,000	14,000	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,2-Dichloroethane	ug/kg	280	7.6	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,1-Dichloroethene	ug/kg	24,000	140	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**3.4**	<5.5	**6.4**	<6.6	<6.2	<6.5	**44.**
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	**1800**	**11000**	**8.8**	**9100**	**840**	**590**	**4.2**	**5000**
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	**19.**	**78.**	<5.5	**440**	**15.**	**21.**	<6.5	**45.**
1,2-Dichloropropane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,3-Dichloropropane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
2,2-Dichloropropane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,1-Dichloropropene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
cis-1,3-Dichloropropene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
trans-1,3-Dichloropropene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Isopropyl Ether	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Ethylbenzene	ug/kg	380,000	580	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**3.0**	<5.5	**4.5**	<6.6	<6.2	<6.5	**12.**
Hexachlorobutadiene	ug/kg	6,200	8.8	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	**24.**
2-Hexanone	ug/kg	NA	NA	<60.	<58.	<58.	<56.	<69.	<68.	<56.	<62.	<66.	<59.	<65.	<55.	<64.	<66.	<62.	<65.	<68.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
p-Isopropyltoluene	ug/kg	14,600,000	280	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	**16.**
Methylene chloride	ug/kg	9,100	100	<6.0	**24.**	**22.**	**37.**	**50.**	**20.**	**17.**	**15.**	**16.**	**17.**	**25.**	<5.5	**37.**	**5.9**	**12.**	**25.**	**7.0**
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<60.	<58.	<58.	<56.	<69.	<68.	<56.	<62.	<66.	<59.	<65.	<55.	<64.	<66.	<62.	<65.	<68.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B12-04 (8-10)	B12-05 (2-4)	B12-05 (8-10)	B12-06 (4-6)	B12-06 (11-12)	B12-07 (2-4)	B12-07 (8-10)	B12-08 (1-3)	B12-08 (8-10)	B13-02 (6-8)	B13-02 (10-12)	B13-02 (18-20)	B13-03 (2-4)	B13-03 (10-12)	B13-03 (18-19)	B13-04 (2-4)	B13-04 (7-8)
				09/29/05 11:00	02/28/06 09:15	02/28/06 09:30	02/28/06 09:50	02/28/06 10:00	03/01/06 09:10	03/01/06 09:20	03/01/06 09:40	03/01/06 09:50	08/11/05 09:30	08/11/05 09:50	08/11/05 10:20	08/11/05 11:00	08/11/05 11:20	08/11/05 11:40	08/11/05 13:30	08/11/05 14:00
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	**1.5**	**2.3**	<5.5	<6.4	<6.6	<6.2	**2.8**	<6.8
Naphthalene	ug/kg	11,200	420	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	**6.8**	<6.2	<6.6	**1.8**	<6.5	<5.5	**82.**	<6.6	**1.5**	<6.5	**9.8**
n-Propylbenzene	ug/kg	48,000	1,400	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Styrene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Tetrachloroethene	ug/kg	480	14	<6.0	<5.8	<5.8	**54.**	<6.9	**1.5**	<5.6	<6.2	<6.6	**880**	**10000**	**10.**	**22000**	**20.**	**260**	**4.7**	**91000**
Toluene	ug/kg	132,000	20,000	<6.0	<5.8	<5.8	**2.0**	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**5.0**	<5.5	**8.5**	<6.6	<6.2	<6.5	**2.8**
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	**3.1**
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,1,2-Trichloroethane	ug/kg	730	4	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
Trichloroethene	ug/kg	53	56	<6.0	<5.8	<5.8	**6.7**	<6.9	<6.8	<5.6	<6.2	<6.6	**230**	**3600**	<5.5	**3400**	**6.7**	**68.**	<6.5	**11000**
Trichlorofluoromethane	ug/kg	78,000	42,000	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,2,3-Trichloropropane	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	<6.5	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**6.6**	<5.5	<6.4	<6.6	<6.2	<6.5	<6.8
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**4.0**	<5.5	**27.**	<6.6	<6.2	<6.5	<6.8
Vinyl acetate	ug/kg	NA	NA	<60.	<58.	<58.	<56.	<69.	<68.	<56.	<62.	<66.	<59.	<65.	<55.	<64.	<66.	<62.	<65.	<68.
Vinyl chloride	ug/kg	79	0.3	<12.	<12.	<12.	<11.	<14.	<14.	<11.	<12.	<13.	**19.**	**66.**	<11.	**150**	**1.7**	**8.9**	**3.8**	**480**
Xylenes (Total)	ug/kg	54,000	10,600	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**12.**	<5.5	**28.**	<6.6	<6.2	<6.5	**51.**
m,p-Xylene	ug/kg	NA	NA	<12.	<12.	<12.	<11.	<14.	<14.	<11.	<12.	<13.	<12.	**9.3**	<11.	**19.**	<13.	<12.	<13.	**34.**
o-Xylene	ug/kg	NA	NA	<6.0	<5.8	<5.8	<5.6	<6.9	<6.8	<5.6	<6.2	<6.6	<5.9	**2.5**	<5.5	**9.4**	<6.6	<6.2	<6.5	**17.**

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B13-04 (12-14)	B13-04 (20-22)	B13-05 (2-4)	B13-05 (6-8)	B13-05 (16-18)	B13-06 (2-4)	B13-06 (6-8)	B13-06 (12-14)	B13-06 (18-20)	B13-07 (6-8)	B13-07 (10-12)	B13-07 (16-18)	B13-07 (22-24)	B13-08 (2-4)	B13-08 (6-8)	B13-08 (10-12)	B13-08 (14-16)
				08/11/05 14:30	08/11/05 15:30	08/11/05 16:30	08/11/05 17:00	08/11/05 17:30	08/12/05 09:00	08/12/05 09:20	08/12/05 09:40	08/12/05 10:00	08/12/05 11:00	08/12/05 11:20	08/12/05 11:30	08/12/05 13:00	09/12/05 10:20	09/12/05 10:30	09/12/05 10:40	09/12/05 10:50
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	**300**	**52.**	**64.**	**56.**	**27.**	**88.**	**140**	**82.**	**77.**	**550**	<7100	**82.**	**41.**	**110**	**150**	**330**	**300**
Benzene	ug/kg	640	20	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	**4.4**	<6.0	<6.4	<6.4
Bromobenzene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Bromochloromethane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Bromodichloromethane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Bromoform	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Bromomethane	ug/kg	NA	NA	<13.	<12.	<13.	<14.	<11.	<13.	<14.	<13.	<13.	<13.	<710	<13.	<12.	<12.	<12.	<13.	<13.
2-Butanone	ug/kg	4,400,000	3,400	**30.**	<120	<130	<140	<110	<130	<140	<130	<130	**82.**	<7100	<130	<120	<120	<120	<130	<130
n-Butylbenzene	ug/kg	48,000	1,400	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
sec-Butylbenzene	ug/kg	44,000	1,400	**2.9**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**130**	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
tert-Butylbenzene	ug/kg	78,000	1,400	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Carbon Tetrachloride	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Chlorobenzene	ug/kg	30,000	1,000	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Chloroethane	ug/kg	3,000	56,000	<13.	<12.	<13.	<14.	<11.	<13.	<14.	<13.	<13.	<13.	<710	<13.	<12.	<12.	<12.	<13.	<13.
Chloroform	ug/kg	220	3.8	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Chloromethane	ug/kg	9,400	52	<13.	<12.	<13.	<14.	<11.	<13.	<14.	<13.	<13.	<13.	<710	<13.	<12.	<12.	<12.	<13.	<13.
2-Chlorotoluene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
4-Chlorotoluene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Dibromochloromethane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,2-Dibromoethane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Dibromomethane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,2-Dichlorobenzene	ug/kg	220,000	12,000	**44.**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,3-Dichlorobenzene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,4-Dichlorobenzene	ug/kg	3,400	1,500	**6.9**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**1.3**	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Dichlorodifluoromethane	ug/kg	18,800	28,000	<13.	<12.	<13.	<14.	<11.	<13.	<14.	<13.	<13.	<13.	<710	<13.	<12.	**13.**	<12.	<13.	<13.
1,1-Dichloroethane	ug/kg	102,000	14,000	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,2-Dichloroethane	ug/kg	280	7.6	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,1-Dichloroethene	ug/kg	24,000	140	**4.1**	**2.1**	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	**1200**	**2400**	**1.9**	**2.1**	<5.6	**3.0**	**3.9**	<6.4	<6.5	**15.**	<350	**3.5**	<6.2	<6.2	<6.0	<6.4	**9.0**
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	**8.5**	**15.**	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,2-Dichloropropane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,3-Dichloropropane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
2,2-Dichloropropane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,1-Dichloropropene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
cis-1,3-Dichloropropene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
trans-1,3-Dichloropropene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Isopropyl Ether	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Ethylbenzene	ug/kg	380,000	580	**2.7**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**430**	<350	<6.7	<6.2	**3.6**	<6.0	<6.4	<6.4
Hexachlorobutadiene	ug/kg	6,200	8.8	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
2-Hexanone	ug/kg	NA	NA	<65.	<59.	<64.	<69.	<56.	<64.	<69.	<64.	<65.	<63.	<3500	<67.	<62.	<62.	<60.	<64.	<64.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**30.**	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
p-Isopropyltoluene	ug/kg	14,600,000	280	**3.8**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**170**	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Methylene chloride	ug/kg	9,100	100	**42.**	<5.9	<6.4	<6.9	**3.9**	**14.**	**16.**	<6.4	**10.**	**15.**	<350	**6.3**	**29.**	**48.**	**7.7**	**64.**	**69.**
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<65.	<59.	<64.	<69.	<56.	<64.	<69.	<64.	<65.	<63.	<3500	<67.	<62.	<62.	<60.	<64.	<64.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B13-04 (12-14)	B13-04 (20-22)	B13-05 (2-4)	B13-05 (6-8)	B13-05 (16-18)	B13-06 (2-4)	B13-06 (6-8)	B13-06 (12-14)	B13-06 (18-20)	B13-07 (6-8)	B13-07 (10-12)	B13-07 (16-18)	B13-07 (22-24)	B13-08 (2-4)	B13-08 (6-8)	B13-08 (10-12)	B13-08 (14-16)
				08/11/05 14:30	08/11/05 15:30	08/11/05 16:30	08/11/05 17:00	08/11/05 17:30	08/12/05 09:00	08/12/05 09:20	08/12/05 09:40	08/12/05 10:00	08/12/05 11:00	08/12/05 11:20	08/12/05 11:30	08/12/05 13:00	09/12/05 10:20	09/12/05 10:30	09/12/05 10:40	09/12/05 10:50
Methyl-tert-butyl ether	ug/kg	32,000	4,000	**2.9**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Naphthalene	ug/kg	11,200	420	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**110**	<350	**2.3**	<6.2	**14.**	<6.0	**12.**	**15.**
n-Propylbenzene	ug/kg	48,000	1,400	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**110**	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Styrene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Tetrachloroethene	ug/kg	480	14	**47000**	**1500**	**61.**	**5.5**	<5.6	<6.4	**16.**	<6.4	<6.5	**4.2**	**9300**	**2.0**	**1.6**	<6.2	<6.0	**1.8**	**4.3**
Toluene	ug/kg	132,000	20,000	**4.5**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	**3.2**	**6.6**	<350	<6.7	<6.2	**15.**	<6.0	<6.4	<6.4
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**1.9**	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,1,2-Trichloroethane	ug/kg	730	4	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
Trichloroethene	ug/kg	53	56	**1200**	**300**	**3.2**	<6.9	<5.6	**5.9**	<6.9	<6.4	<6.5	<6.3	**260**	<6.7	<6.2	<6.2	<6.0	<6.4	**5.3**
Trichlorofluoromethane	ug/kg	78,000	42,000	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,2,3-Trichloropropane	ug/kg	NA	NA	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	<6.3	<350	<6.7	<6.2	<6.2	<6.0	<6.4	<6.4
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<6.5	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**1200**	<350	<6.7	<6.2	**3.4**	<6.0	**1.7**	**2.5**
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	**9.5**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**280**	<350	<6.7	<6.2	**1.5**	<6.0	<6.4	**1.4**
Vinyl acetate	ug/kg	NA	NA	<65.	<59.	<64.	<69.	<56.	<64.	<69.	<64.	<65.	<63.	<3500	<67.	<62.	<62.	<60.	<64.	<64.
Vinyl chloride	ug/kg	79	0.3	**16.**	**47.**	<13.	**1.5**	<11.	<13.	<14.	<13.	**2.5**	**6.0**	<710	<13.	<12.	<12.	<12.	<13.	**3.9**
Xylenes (Total)	ug/kg	54,000	10,600	**14.**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**810**	<7.1	<6.7	<6.2	**15.**	<6.0	<6.4	<6.4
m,p-Xylene	ug/kg	NA	NA	**9.5**	<12.	<13.	<14.	<11.	<13.	<14.	<13.	<13.	**630**	<710	<13.	<12.	**12.**	<12.	<13.	<13.
o-Xylene	ug/kg	NA	NA	**4.0**	<5.9	<6.4	<6.9	<5.6	<6.4	<6.9	<6.4	<6.5	**180**	<350	<6.7	<6.2	**3.6**	<6.0	<6.4	<6.4

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B13-08 (18-20)	B13-09 (2-4)	B13-09 (6-8)	B13-09 (12-14)	B13-09 (20-22)	B13-09 (26-28)	B13-10 (0-2)	B13-10 (2-4)	B13-10 (8-10)	B13-10 (14-16)	B13-11 (0-2)	B13-11 (6-8)	B13-11 (14-16)	B13-12 (0-2)	B13-12 (6-8)	B13-12 (10-12)	B13-12 (14-16)
				09/12/05 11:00	09/12/05 11:20	09/12/05 11:25	09/12/05 11:35	09/12/05 11:45	09/12/05 11:50	09/12/05 12:05	09/12/05 12:05	09/12/05 12:15	09/12/05 12:20	09/12/05 16:15	09/12/05 16:20	09/12/05 16:30	09/14/05 10:15	09/14/05 10:45	09/14/05 11:00	09/14/05 11:15
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	**140**	**58.**	**90.**	**57.**	**360**	**230**	**160**	**74.**	**150**	**190**	**39.**	**80.**	**80.**	**250**	**180**	**430**	**160**
Benzene	ug/kg	640	20	<6.0	**17.**	**2.1**	<5.9	<7.0	<6.6	**15.**	**5.3**	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Bromobenzene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Bromochloromethane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Bromodichloromethane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Bromoform	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Bromomethane	ug/kg	NA	NA	<12.	<12.	<12.	<12.	<14.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<13.	<12.	<12.	<11.	<12.
2-Butanone	ug/kg	4,400,000	3,400	<120	<120	<120	<120	<140	<130	<120	<120	<120	<120	<120	<130	<130	<120	<120	**39.**	<120
n-Butylbenzene	ug/kg	48,000	1,400	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
sec-Butylbenzene	ug/kg	44,000	1,400	<6.0	**1.7**	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
tert-Butylbenzene	ug/kg	78,000	1,400	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Carbon Tetrachloride	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Chlorobenzene	ug/kg	30,000	1,000	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Chloroethane	ug/kg	3,000	56,000	<12.	<12.	<12.	<12.	<14.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<13.	<12.	<12.	<11.	<12.
Chloroform	ug/kg	220	3.8	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Chloromethane	ug/kg	9,400	52	<12.	<12.	<12.	<12.	<14.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<13.	**3.2**	<12.	<11.	<12.
2-Chlorotoluene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
4-Chlorotoluene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Dibromochloromethane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,2-Dibromoethane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Dibromomethane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,3-Dichlorobenzene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	**1.5**	<6.1	<5.7	<5.8
Dichlorodifluoromethane	ug/kg	18,800	28,000	<12.	<12.	<12.	<12.	<14.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<13.	<12.	<12.	<11.	<12.
1,1-Dichloroethane	ug/kg	102,000	14,000	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,2-Dichloroethane	ug/kg	280	7.6	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,1-Dichloroethene	ug/kg	24,000	140	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	<6.0	**75.**	**610**	**370**	**21.**	**12.**	**13.**	**21.**	**3.3**	**3.1**	<6.0	<6.3	**3.3**	**12.**	**13.**	**1100**	**39.**
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	<6.0	**2.5**	**5.2**	**12.**	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	**74.**	**1.4**
1,2-Dichloropropane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,3-Dichloropropane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
2,2-Dichloropropane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,1-Dichloropropene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
cis-1,3-Dichloropropene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
trans-1,3-Dichloropropene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Isopropyl Ether	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Ethylbenzene	ug/kg	380,000	580	<6.0	**3.3**	<5.9	<5.9	<7.0	<6.6	**1.7**	**1.5**	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Hexachlorobutadiene	ug/kg	6,200	8.8	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
2-Hexanone	ug/kg	NA	NA	<60.	<58.	<59.	<59.	<70.	<66.	<59.	<61.	<61.	<62.	<60.	<63.	<63.	<62.	<61.	<57.	<58.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
p-Isopropyltoluene	ug/kg	14,600,000	280	<6.0	**24.**	<5.9	<5.9	<7.0	<6.6	**4.2**	**3.2**	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Methylene chloride	ug/kg	9,100	100	**9.9**	**20.**	**77.**	**5.8**	**44.**	**54.**	**22.**	**10.**	**11.**	**28.**	**19.**	**6.9**	**5.3**	**54.**	**6.9**	**18.**	**9.0**
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<60.	<58.	<59.	<59.	<70.	<66.	<59.	<61.	<61.	<62.	<60.	<63.	<63.	<62.	<61.	<57.	<58.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B13-08 (18-20)	B13-09 (2-4)	B13-09 (6-8)	B13-09 (12-14)	B13-09 (20-22)	B13-09 (26-28)	B13-10 (0-2)	B13-10 (2-4)	B13-10 (8-10)	B13-10 (14-16)	B13-11 (0-2)	B13-11 (6-8)	B13-11 (14-16)	B13-12 (0-2)	B13-12 (6-8)	B13-12 (10-12)	B13-12 (14-16)
				09/12/05 11:00	09/12/05 11:20	09/12/05 11:25	09/12/05 11:35	09/12/05 11:45	09/12/05 11:50	09/12/05 12:05	09/12/05 12:05	09/12/05 12:15	09/12/05 12:20	09/12/05 16:15	09/12/05 16:20	09/12/05 16:30	09/14/05 10:15	09/14/05 10:45	09/14/05 11:00	09/14/05 11:15
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<6.0	<5.8	<5.9	<5.9	**1.9**	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Naphthalene	ug/kg	11,200	420	**6.0**	**29.**	<5.9	<5.9	<7.0	<6.6	**15.**	**16.**	<6.1	<6.2	<6.0	<6.3	<6.3	**8.5**	**2.5**	<5.7	**2.8**
n-Propylbenzene	ug/kg	48,000	1,400	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Styrene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Tetrachloroethene	ug/kg	480	14	<6.0	**460**	**3600**	**82.**	**7.0**	**12.**	**230**	**5.0**	**3.0**	**5.3**	**16.**	**1.6**	**8.7**	**920**	**93.**	**130**	**890**
Toluene	ug/kg	132,000	20,000	<6.0	**8.2**	<5.9	<5.9	<7.0	<6.6	**9.1**	**2.7**	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,1,2-Trichloroethane	ug/kg	730	4	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
Trichloroethene	ug/kg	53	56	<6.0	**85.**	**690**	**33.**	<7.0	**2.3**	**25.**	<6.1	<6.1	<6.2	<6.0	<6.3	**4.2**	**81.**	**3.0**	**240**	**32.**
Trichlorofluoromethane	ug/kg	78,000	42,000	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,2,3-Trichloropropane	ug/kg	NA	NA	<6.0	<5.8	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<6.0	**2.7**	**2.3**	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	**1.7**	**6.2**	<5.8
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<6.0	**1.3**	**1.5**	<5.9	<7.0	<6.6	**3.1**	**1.5**	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	**4.8**	<5.8
Vinyl acetate	ug/kg	NA	NA	<60.	<58.	<59.	<59.	<70.	<66.	<59.	<61.	<61.	<62.	<60.	<63.	<63.	<62.	<61.	<57.	<58.
Vinyl chloride	ug/kg	79	0.3	<12.	<12.	**1.5**	**4.3**	<14.	<13.	**5.1**	**17.**	**1.7**	**1.3**	<12.	<13.	<13.	<12.	<12.	<11.	<12.
Xylenes (Total)	ug/kg	54,000	10,600	<6.0	**6.8**	<5.9	<5.9	<7.0	<6.6	<5.9	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8
m,p-Xylene	ug/kg	NA	NA	<12.	**4.8**	<12.	<12.	<14.	<13.	**3.7**	**2.5**	<12.	<12.	<12.	<13.	<13.	<12.	<12.	<11.	<12.
o-Xylene	ug/kg	NA	NA	<6.0	**2.0**	<5.9	<5.9	<7.0	<6.6	**1.4**	<6.1	<6.1	<6.2	<6.0	<6.3	<6.3	<6.2	<6.1	<5.7	<5.8

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B13-12 (20-22)	B13-13 (0-4)	B13-13 (8-9.5)	B13-13 (9.5-10.5)	B13-13 (16-18)	B13-14 (0-4)	B13-14 (10-12)	B13-14 (18-20)	B13-15 (4-6)	B13-15 (8-10)	B13-15 (18-19)	B13-16 (1-3)	B13-16 (8-10)	B13-16 (14-16)	B13-17 (3-3.5)	B13-17B (3-4)	B13-17B (5-6)
				09/14/05 11:20	09/14/05 09:15	09/14/05 09:30	09/14/05 09:40	09/14/05 10:00	09/14/05 11:30	09/14/05 11:45	09/14/05 12:15	09/14/05 14:15	09/14/05 14:30	09/14/05 15:00	02/28/06 08:30	02/28/06 08:40	02/28/06 08:50	02/28/06 17:40	02/28/06 17:50	02/28/06 17:55
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	**81.**	**150**	**140**	**54.**	**64.**	**38.**	**82.**	**130**	**540**	**200**	**92.**	**180**	**180**	**140**	**150**	**77.**	**120**
Benzene	ug/kg	640	20	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	**2.7**	<6.3
Bromobenzene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Bromochloromethane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Bromodichloromethane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Bromoform	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Bromomethane	ug/kg	NA	NA	<11.	<13.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<12.	<11.	<12.	<12.	<14.	<13.	<12.	<13.
2-Butanone	ug/kg	4,400,000	3,400	<110	<130	<130	<120	<120	<120	<120	<120	<130	<120	<110	<120	<120	<140	<130	<120	<130
n-Butylbenzene	ug/kg	48,000	1,400	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
sec-Butylbenzene	ug/kg	44,000	1,400	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	**2.4**	<6.2	<6.3
tert-Butylbenzene	ug/kg	78,000	1,400	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Carbon Tetrachloride	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Chlorobenzene	ug/kg	30,000	1,000	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Chloroethane	ug/kg	3,000	56,000	<11.	<13.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<12.	<11.	<12.	<12.	<14.	<13.	<12.	<13.
Chloroform	ug/kg	220	3.8	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Chloromethane	ug/kg	9,400	52	<11.	<13.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<12.	<11.	<12.	<12.	<14.	<13.	<12.	<13.
2-Chlorotoluene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
4-Chlorotoluene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Dibromochloromethane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,2-Dibromoethane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Dibromomethane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,3-Dichlorobenzene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Dichlorodifluoromethane	ug/kg	18,800	28,000	<11.	<13.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<12.	<11.	<12.	<12.	<14.	<13.	<12.	<13.
1,1-Dichloroethane	ug/kg	102,000	14,000	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,2-Dichloroethane	ug/kg	280	7.6	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,1-Dichloroethene	ug/kg	24,000	140	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	**6.6**	**6.3**	**71.**	**91.**	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	**6.9**	**62.**	<6.9	<6.5	<6.2	<6.3
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	<5.7	<6.6	**3.3**	**4.4**	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,2-Dichloropropane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,3-Dichloropropane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
2,2-Dichloropropane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,1-Dichloropropene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
cis-1,3-Dichloropropene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
trans-1,3-Dichloropropene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Isopropyl Ether	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Ethylbenzene	ug/kg	380,000	580	<5.7	**1.4**	**2.7**	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Hexachlorobutadiene	ug/kg	6,200	8.8	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
2-Hexanone	ug/kg	NA	NA	<57.	<66.	<63.	<59.	<59.	<60.	<59.	<61.	<63.	<59.	<57.	<59.	<59.	<69.	<65.	<62.	<63.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
p-Isopropyltoluene	ug/kg	14,600,000	280	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	**4.2**	<5.9	<6.9	**7.1**	<6.2	<6.3
Methylene chloride	ug/kg	9,100	100	**14.**	**9.8**	**35.**	**7.6**	<5.9	**23.**	**16.**	**13.**	**43.**	**11.**	**9.8**	**62.**	**48.**	**46.**	**29.**	**31.**	**57.**
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<57.	<66.	<63.	<59.	<59.	<60.	<59.	<61.	<63.	<59.	<57.	<59.	<59.	<69.	<65.	<62.	<63.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B13-12 (20-22)	B13-13 (0-4)	B13-13 (8-9.5)	B13-13 (9.5-10.5)	B13-13 (16-18)	B13-14 (0-4)	B13-14 (10-12)	B13-14 (18-20)	B13-15 (4-6)	B13-15 (8-10)	B13-15 (18-19)	B13-16 (1-3)	B13-16 (8-10)	B13-16 (14-16)	B13-17 (3-3.5)	B13-17B (3-4)	B13-17B (5-6)
				09/14/05 11:20	09/14/05 09:15	09/14/05 09:30	09/14/05 09:40	09/14/05 10:00	09/14/05 11:30	09/14/05 11:45	09/14/05 12:15	09/14/05 14:15	09/14/05 14:30	09/14/05 15:00	02/28/06 08:30	02/28/06 08:40	02/28/06 08:50	02/28/06 17:40	02/28/06 17:50	02/28/06 17:55
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Naphthalene	ug/kg	11,200	420	<5.7	<6.6	**4.9**	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	**11.**	<6.2	<6.3
n-Propylbenzene	ug/kg	48,000	1,400	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Styrene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Tetrachloroethene	ug/kg	480	14	**9.3**	**23.**	**27.**	**9.2**	<5.9	**53.**	**16.**	**1.5**	**710**	**50.**	<5.7	**750**	**130**	<6.9	<6.5	**19.**	**410**
Toluene	ug/kg	132,000	20,000	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	**3.5**	**11.**	<6.9	<6.5	<6.2	**2.6**
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,1,2-Trichloroethane	ug/kg	730	4	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
Trichloroethene	ug/kg	53	56	<5.7	**2.3**	**12.**	**10.**	<5.9	<6.0	**4.0**	<6.1	**9.8**	<5.9	<5.7	**27.**	**33.**	<6.9	<6.5	<6.2	<6.3
Trichlorofluoromethane	ug/kg	78,000	42,000	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,2,3-Trichloropropane	ug/kg	NA	NA	<5.7	<6.6	<6.3	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<5.7	<6.6	<6.3	<5.9	<5.9	**1.3**	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	**8.4**	<6.2	<6.3
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<5.7	<6.6	**1.4**	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	**4.6**	<6.2	<6.3
Vinyl acetate	ug/kg	NA	NA	<57.	<66.	<63.	<59.	<59.	<60.	<59.	<61.	<63.	<59.	<57.	<59.	<59.	<69.	<65.	<62.	<63.
Vinyl chloride	ug/kg	79	0.3	<11.	<13.	**3.3**	<12.	<12.	<12.	<12.	<12.	<13.	<12.	<11.	<12.	<12.	<14.	<13.	<12.	<13.
Xylenes (Total)	ug/kg	54,000	10,600	<5.7	<6.6	**8.2**	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	<6.5	<6.2	<6.3
m,p-Xylene	ug/kg	NA	NA	<11.	<13.	**5.8**	**2.3**	<12.	<12.	<12.	<12.	<13.	<12.	<11.	<12.	<12.	<14.	<13.	<12.	<13.
o-Xylene	ug/kg	NA	NA	<5.7	**1.8**	**2.4**	<5.9	<5.9	<6.0	<5.9	<6.1	<6.3	<5.9	<5.7	<5.9	<5.9	<6.9	**1.6**	<6.2	<6.3

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B13-17B (7-8)	B13-17B (9-10)	B13-18 (2-4)	B13-18 (6-8)	B13-19 (2-4)	B13-19 (5-7)	B13-19 (12-14)	B13-20 (4-6)	B13-20 (12-14)	B13-22 (2-4)	B13-22 (6-8)	B13-22 (13-14)	B13-22 (20-21)	B13-24 (1-2)	B13-24 (9-10)	DA-01	DA-02
				02/28/06 18:00	02/28/06 18:05	02/28/06 16:50	02/28/06 17:00	02/28/06 16:20	02/28/06 16:30	02/28/06 16:40	02/27/06 12:15	02/27/06 12:25	02/27/06 11:30	02/27/06 11:40	02/27/06 11:50	02/27/06 12:00	02/27/06 09:30	02/27/06 09:40	07/26/05 09:45	07/26/05 10:30
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	**370**	**240**	**48.**	**54.**	**150**	**54.**	**94.**	**20.**	**80.**	**2100**	**430**	**230**	**140**	**430**	**130**	<13	**23**
Benzene	ug/kg	640	20	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	**1.8**	**100**	**8.0**	**1.3**	**1.3**	<6.0	<5.9	<6.4	<5.8
Bromobenzene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Bromochloromethane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Bromodichloromethane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Bromoform	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Bromomethane	ug/kg	NA	NA	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<11.	<11.	<600	<12.	<11.	<12.	<12.	<12.	<6.4	<5.8
2-Butanone	ug/kg	4,400,000	3,400	<130	<130	<130	<130	<120	<120	<130	<110	<110	<6000	**69.**	<110	<120	**41.**	<120	<13	<12
n-Butylbenzene	ug/kg	48,000	1,400	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**660**	**3.5**	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
sec-Butylbenzene	ug/kg	44,000	1,400	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**320**	**4.5**	**3.6**	<5.9	<6.0	<5.9	<6.4	<5.8
tert-Butylbenzene	ug/kg	78,000	1,400	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**75.**	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Carbon Tetrachloride	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Chlorobenzene	ug/kg	30,000	1,000	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Chloroethane	ug/kg	3,000	56,000	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<11.	<11.	<600	<12.	<11.	<12.	<12.	<12.	<6.4	<5.8
Chloroform	ug/kg	220	3.8	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Chloromethane	ug/kg	9,400	52	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<11.	<11.	<600	<12.	<11.	<12.	<12.	<12.	<6.4	<5.8
2-Chlorotoluene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
4-Chlorotoluene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Dibromochloromethane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,2-Dibromoethane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Dibromomethane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**360**	**3.1**	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,3-Dichlorobenzene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Dichlorodifluoromethane	ug/kg	18,800	28,000	<13.	<13.	<13.	<13.	<12.	<12.	<13.	<11.	<11.	<600	<12.	<11.	<12.	<12.	<12.	<6.4	<5.8
1,1-Dichloroethane	ug/kg	102,000	14,000	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,2-Dichloroethane	ug/kg	280	7.6	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,1-Dichloroethene	ug/kg	24,000	140	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	<6.5	<6.4	<6.5	<6.3	<5.8	**1.7**	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	**47.**	**150**	<6.4	**7.6**
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	**1.3**	**3.4**	<6.4	<5.8
1,2-Dichloropropane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,3-Dichloropropane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
2,2-Dichloropropane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,1-Dichloropropene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
cis-1,3-Dichloropropene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
trans-1,3-Dichloropropene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Isopropyl Ether	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Ethylbenzene	ug/kg	380,000	580	<6.5	<6.4	<6.5	<6.3	<5.8	**3.5**	**23.**	<5.6	<5.5	**5000**	**79.**	**13.**	**3.8**	<6.0	<5.9	<6.4	<5.8
Hexachlorobutadiene	ug/kg	6,200	8.8	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
2-Hexanone	ug/kg	NA	NA	<65.	<64.	<65.	<63.	<58.	<62.	<64.	<56.	<55.	<3000	<60.	<55.	<59.	<60.	<59.	<13	<12
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**360**	**4.9**	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
p-Isopropyltoluene	ug/kg	14,600,000	280	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**430**	**4.6**	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Methylene chloride	ug/kg	9,100	100	**70.**	**35.**	**29.**	**21.**	**36.**	**31.**	**18.**	**23.**	**4.9**	**280**	**13.**	**16.**	<5.9	**27.**	**34.**	**14**	**19**
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<65.	<64.	<65.	<63.	<58.	<62.	<64.	<56.	<55.	**190**	<60.	<55.	<59.	<60.	<59.	<13	<12

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B13-17B (7-8)	B13-17B (9-10)	B13-18 (2-4)	B13-18 (6-8)	B13-19 (2-4)	B13-19 (5-7)	B13-19 (12-14)	B13-20 (4-6)	B13-20 (12-14)	B13-22 (2-4)	B13-22 (6-8)	B13-22 (13-14)	B13-22 (20-21)	B13-24 (1-2)	B13-24 (9-10)	DA-01	DA-02
				02/28/06 18:00	02/28/06 18:05	02/28/06 16:50	02/28/06 17:00	02/28/06 16:20	02/28/06 16:30	02/28/06 16:40	02/27/06 12:15	02/27/06 12:25	02/27/06 11:30	02/27/06 11:40	02/27/06 11:50	02/27/06 12:00	02/27/06 09:30	02/27/06 09:40	07/26/05 09:45	07/26/05 10:30
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Naphthalene	ug/kg	11,200	420	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**910**	**8.1**	<5.5	**10.**	<6.0	<5.9	<6.4	<5.8
n-Propylbenzene	ug/kg	48,000	1,400	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**650**	**11.**	**4.2**	<5.9	<6.0	<5.9	<6.4	<5.8
Styrene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Tetrachloroethene	ug/kg	480	14	<6.5	<6.4	**1.6**	<6.3	**1.7**	**38.**	**4.5**	<5.6	**2.6**	**130**	<6.0	<5.5	<5.9	**180**	**3.6**	**15**	**73**
Toluene	ug/kg	132,000	20,000	<6.5	<6.4	<6.5	<6.3	**4.8**	<6.2	<6.4	<5.6	<5.5	**390**	**8.7**	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,1,2-Trichloroethane	ug/kg	730	4	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Trichloroethene	ug/kg	53	56	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	**16.**	**5.9**	<6.4	**10**
Trichlorofluoromethane	ug/kg	78,000	42,000	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,2,3-Trichloropropane	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	<300	<6.0	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**5300**	**63.**	<5.5	**1.9**	<6.0	<5.9	<6.4	<5.8
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	<6.4	<5.6	<5.5	**2300**	**23.**	<5.5	<5.9	<6.0	<5.9	<6.4	<5.8
Vinyl acetate	ug/kg	NA	NA	<65.	<64.	<65.	<63.	<58.	<62.	<64.	<56.	<55.	<3000	<60.	<55.	<59.	<60.	<59.	<6.4	<5.8
Vinyl chloride	ug/kg	79	0.3	<13.	<13.	<13.	<13.	<12.	<12.	<13.	**1.2**	<11.	<600	<12.	<11.	<12.	**2.6**	**4.2**	<6.4	<5.8
Xylenes (Total)	ug/kg	54,000	10,600	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	**190**	<5.6	<5.5	**33000**	**410**	**30.**	**25.**	<6.0	<5.9	<6.4	<5.8
m,p-Xylene	ug/kg	NA	NA	<13.	<13.	<13.	<13.	<12.	<12.	**140**	<11.	<11.	**25000**	**270**	**7.1**	**17.**	<12.	<12.	<6.4	<5.8
o-Xylene	ug/kg	NA	NA	<6.5	<6.4	<6.5	<6.3	<5.8	<6.2	**56.**	<5.6	<5.5	**8500**	**140**	**23.**	**7.9**	<6.0	<5.9	<6.4	<5.8

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	Tank-01	DA-03	DA-04	DA-05	DRUMS-01	DRUM-04	TP-03-02	TP-03-03	TP-04-01	TP-04-02	TP-05-01	B18-01 (4-6)	B18-01 (8-10)	B18-01 (12-14)	B19-03 (1-4)	B19-03 (16-20)	B19-04 (1-3)
				07/26/05 11:00	07/26/05 10:45	07/26/05 11:45	07/26/05 14:00	07/29/05 08:00	07/29/05 08:00	07/28/05 11:45	07/28/05 12:00	07/28/05 15:30	07/28/05 15:45	07/28/05 17:30	09/26/05 09:00	09/26/05 09:15	09/26/05 09:30	09/15/05 08:45	09/15/05 09:00	09/15/05 09:15
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	<13	<11	<11	<11	**34**	<16	**98**	**150**	**640**	**90**	<10	**64.**	**140**	**44.**	**160**	**95.**	**160**
Benzene	ug/kg	640	20	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	**6.0**	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Bromobenzene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Bromochloromethane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Bromodichloromethane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Bromoform	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Bromomethane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<12.	<13.	<11.	<12.	<14.	<13.
2-Butanone	ug/kg	4,400,000	3,400	<13	<11	<11	<11	<18	<16	**18**	**21**	**130**	**14**	<10	<120	<130	<110	<120	<140	<130
n-Butylbenzene	ug/kg	48,000	1,400	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
sec-Butylbenzene	ug/kg	44,000	1,400	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
tert-Butylbenzene	ug/kg	78,000	1,400	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Carbon Tetrachloride	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Chlorobenzene	ug/kg	30,000	1,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	**23**	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Chloroethane	ug/kg	3,000	56,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<12.	<13.	<11.	<12.	<14.	<13.
Chloroform	ug/kg	220	3.8	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Chloromethane	ug/kg	9,400	52	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<12.	<13.	<11.	<12.	<14.	<13.
2-Chlorotoluene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
4-Chlorotoluene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Dibromochloromethane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2-Dibromoethane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Dibromomethane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,3-Dichlorobenzene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Dichlorodifluoromethane	ug/kg	18,800	28,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<12.	<13.	<11.	<12.	<14.	<13.
1,1-Dichloroethane	ug/kg	102,000	14,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2-Dichloroethane	ug/kg	280	7.6	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,1-Dichloroethene	ug/kg	24,000	140	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	**14**	<6.1	<5.4	**17**	**17**	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2-Dichloropropane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,3-Dichloropropane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
2,2-Dichloropropane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,1-Dichloropropene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
cis-1,3-Dichloropropene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
trans-1,3-Dichloropropene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Isopropyl Ether	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Ethylbenzene	ug/kg	380,000	580	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	**7.2**	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Hexachlorobutadiene	ug/kg	6,200	8.8	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
2-Hexanone	ug/kg	NA	NA	<13	<11	<11	<11	<18	<16	<13	<12	<11	<12	<10	<59.	<65.	<57.	<62.	<68.	<64.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
p-Isopropyltoluene	ug/kg	14,600,000	280	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Methylene chloride	ug/kg	9,100	100	**27**	**15**	**17**	**6.3**	**41**	**13**	**21**	**25**	**30**	**11**	<5.0	**21.**	**34.**	**21.**	**31.**	**4.8**	<6.4
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<13	<11	<11	<11	<18	<16	<13	<12	<11	<12	<10	<59.	<65.	<57.	<62.	<68.	<64.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	Tank-01	DA-03	DA-04	DA-05	DRUMS-01	DRUM-04	TP-03-02	TP-03-03	TP-04-01	TP-04-02	TP-05-01	B18-01 (4-6)	B18-01 (8-10)	B18-01 (12-14)	B19-03 (1-4)	B19-03 (16-20)	B19-04 (1-3)
				07/26/05 11:00	07/26/05 10:45	07/26/05 11:45	07/26/05 14:00	07/29/05 08:00	07/29/05 08:00	07/28/05 11:45	07/28/05 12:00	07/28/05 15:30	07/28/05 15:45	07/28/05 17:30	09/26/05 09:00	09/26/05 09:15	09/26/05 09:30	09/15/05 08:45	09/15/05 09:00	09/15/05 09:15
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Naphthalene	ug/kg	11,200	420	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	**7.4**	**17**	<6.1	<5.0	**5.0**	**12.**	**15.**	<6.2	<6.8	**280**
n-Propylbenzene	ug/kg	48,000	1,400	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Styrene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Tetrachloroethene	ug/kg	480	14	**56**	**25**	**50**	<5.7	<8.9	**47**	<6.4	<6.1	<5.4	<6.1	**780000**	<5.9	<6.5	<5.7	<6.2	<6.8	**6.1**
Toluene	ug/kg	132,000	20,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	**15**	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,1,2-Trichloroethane	ug/kg	730	4	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Trichloroethene	ug/kg	53	56	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	**84**	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Trichlorofluoromethane	ug/kg	78,000	42,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2,3-Trichloropropane	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
Vinyl acetate	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<59.	<65.	<57.	<62.	<68.	<64.
Vinyl chloride	ug/kg	79	0.3	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<12.	<13.	<11.	<12.	<14.	<13.
Xylenes (Total)	ug/kg	54,000	10,600	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	**14**	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4
m,p-Xylene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	**9.4**	<6.1	<5.0	<12.	<13.	<11.	<12.	<14.	<13.
o-Xylene	ug/kg	NA	NA	<6.6	<5.6	<5.4	<5.6	<8.9	<8.1	<6.4	<6.1	<5.4	<6.1	<5.0	<5.9	<6.5	<5.7	<6.2	<6.8	<6.4

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B19-04 (8-12)	B19-04 (20-22)	B19-05 (1-3)	B19-05 (16-18)	B19-06 (1-4)	B19-06 (5-8)	B19-06 (16.5-19.5)	AOC19 PIT NE	AOC19 PIT SW	B20-01 (3.5-4.0)	B20-02 (6-8)	B21-01 (2-4)	B21-01 (8-10)	B21-01 (12-14)	B21-01 (16-18)	B21-02 (2-4)	B21-02 (4-6)
				09/15/05 09:30	09/15/05 09:45	09/15/05 09:30	09/15/05 09:45	09/15/05 10:00	09/15/05 10:10	09/15/05 10:15	09/15/05 10:30	09/15/05 10:45	09/15/05 09:15	09/15/05 09:30	09/12/05 13:45	09/12/05 13:55	09/12/05 14:00	09/12/05 14:05	09/12/05 14:25	09/12/05 14:30
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	**55.**	**110**	**150**	**370**	**98.**	**140**	**150**	**38.**	**370**	**720**	**170**	**87.**	**200**	**27.**	**210**	**300**	**260**
Benzene	ug/kg	640	20	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	**2.1**	<6.1	<6.5	**1.8**	**1.8**	<6.1	**3.5**	**1.7**	<6.2
Bromobenzene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Bromochloromethane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Bromodichloromethane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Bromoform	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Bromomethane	ug/kg	NA	NA	<13.	<15.	<12.	<11.	<13.	<12.	<13.	<12.	<11.	<12.	<13.	<12.	<12.	<12.	<13.	<12.	<12.
2-Butanone	ug/kg	4,400,000	3,400	<130	<150	<120	<110	<130	<120	<130	<120	<110	<120	<130	<120	**31.**	<120	<130	<120	<120
n-Butylbenzene	ug/kg	48,000	1,400	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
sec-Butylbenzene	ug/kg	44,000	1,400	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
tert-Butylbenzene	ug/kg	78,000	1,400	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Carbon Tetrachloride	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Chlorobenzene	ug/kg	30,000	1,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	**39.**	**44.**	**76.**	<6.3	<6.0	**27.**
Chloroethane	ug/kg	3,000	56,000	<13.	<15.	<12.	<11.	<13.	<12.	<13.	<12.	<11.	<12.	<13.	<12.	<12.	<12.	<13.	<12.	<12.
Chloroform	ug/kg	220	3.8	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	**2.1**	<6.3	<6.0	<6.2
Chloromethane	ug/kg	9,400	52	<13.	<15.	<12.	<11.	<13.	<12.	<13.	<12.	<11.	<12.	<13.	<12.	**2.1**	<12.	<13.	**1.6**	<12.
2-Chlorotoluene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
4-Chlorotoluene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Dibromochloromethane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,2-Dibromoethane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Dibromomethane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,3-Dichlorobenzene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Dichlorodifluoromethane	ug/kg	18,800	28,000	<13.	<15.	<12.	<11.	<13.	<12.	<13.	<12.	<11.	<12.	<13.	<12.	<12.	<12.	<13.	<12.	<12.
1,1-Dichloroethane	ug/kg	102,000	14,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	**4.4**	<6.0	<6.2
1,2-Dichloroethane	ug/kg	280	7.6	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,1-Dichloroethene	ug/kg	24,000	140	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	**7.6**	**10.**	**15.**	**460**	**57.**	**720**
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	**1.4**	**5.0**	<6.0	**6.1**
1,2-Dichloropropane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,3-Dichloropropane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
2,2-Dichloropropane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,1-Dichloropropene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
cis-1,3-Dichloropropene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
trans-1,3-Dichloropropene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Isopropyl Ether	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Ethylbenzene	ug/kg	380,000	580	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	**1.9**	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Hexachlorobutadiene	ug/kg	6,200	8.8	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
2-Hexanone	ug/kg	NA	NA	<66.	<73.	<61.	<57.	<63.	<62.	<64.	<58.	<57.	<61.	<65.	<58.	<62.	<61.	<63.	<60.	<62.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
p-Isopropyltoluene	ug/kg	14,600,000	280	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Methylene chloride	ug/kg	9,100	100	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	**12.**	<6.5	**47.**	**26.**	**33.**	**130**	**76.**	**96.**
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<66.	<73.	<61.	<57.	<63.	<62.	<64.	<58.	<57.	<61.	<65.	<58.	<62.	<61.	<63.	<60.	<62.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B19-04 (8-12)	B19-04 (20-22)	B19-05 (1-3)	B19-05 (16-18)	B19-06 (1-4)	B19-06 (5-8)	B19-06 (16.5-19.5)	AOC19 PIT NE	AOC19 PIT SW	B20-01 (3.5-4.0)	B20-02 (6-8)	B21-01 (2-4)	B21-01 (8-10)	B21-01 (12-14)	B21-01 (16-18)	B21-02 (2-4)	B21-02 (4-6)
				09/15/05 09:30	09/15/05 09:45	09/15/05 09:30	09/15/05 09:45	09/15/05 10:00	09/15/05 10:10	09/15/05 10:15	09/15/05 10:30	09/15/05 10:45	09/15/05 09:15	09/15/05 09:30	09/12/05 13:45	09/12/05 13:55	09/12/05 14:00	09/12/05 14:05	09/12/05 14:25	09/12/05 14:30
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	**1.4**	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Naphthalene	ug/kg	11,200	420	**2.9**	<7.3	**1.8**	**1.5**	<6.3	<6.2	<6.4	<5.8	<5.7	**1.9**	<6.5	**11.**	<6.2	<6.1	<6.3	<6.0	<6.2
n-Propylbenzene	ug/kg	48,000	1,400	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Styrene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Tetrachloroethene	ug/kg	480	14	<6.6	**7.9**	**4.8**	**40.**	<6.3	<6.2	<6.4	**1.8**	**35.**	<6.1	<6.5	**150000**	**16000**	**26000**	**11000**	**5000**	**2500000**
Toluene	ug/kg	132,000	20,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	**3.6**	<6.1	<6.5	**2.8**	<6.2	<6.1	<6.3	<6.0	**2.5**
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,1,2-Trichloroethane	ug/kg	730	4	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Trichloroethene	ug/kg	53	56	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	**49.**	**37.**	**140**	**560**	**110**	**2100**
Trichlorofluoromethane	ug/kg	78,000	42,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,2,3-Trichloropropane	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	**2.5**	<6.5	<5.8	<6.2	<6.1	**4.5**	<6.0	**4.8**
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	<5.7	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
Vinyl acetate	ug/kg	NA	NA	<66.	<73.	<61.	<57.	<63.	<62.	<64.	<58.	<57.	<61.	<65.	<58.	<62.	<61.	<63.	<60.	<62.
Vinyl chloride	ug/kg	79	0.3	<13.	<15.	<12.	<11.	<13.	<12.	<13.	<12.	<11.	<12.	<13.	<12.	<12.	<12.	**14.**	<12.	<12.
Xylenes (Total)	ug/kg	54,000	10,600	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	**6.0**	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2
m,p-Xylene	ug/kg	NA	NA	<13.	<15.	<12.	<11.	<13.	<12.	<13.	<12.	**3.7**	<12.	<13.	<12.	<12.	<12.	**2.4**	<12.	<12.
o-Xylene	ug/kg	NA	NA	<6.6	<7.3	<6.1	<5.7	<6.3	<6.2	<6.4	<5.8	**2.3**	<6.1	<6.5	<5.8	<6.2	<6.1	<6.3	<6.0	<6.2

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B21-02 (8-10)	B21-02 (14-16)	B21-03 (0-4)	B21-03 (10-12)	B21-03 (19-20)	B21-04 (0-2)	B21-04 (6-8)	B21-04 (14-16)	B21-04 (18-21)	B21-05 (0-2)	B21-05 (4-6)	B21-05 (8-10)	B21-05 (14-16)	B21-05 (18-19)	B21-06 (4-8)	B21-07 (0-2)	B21-07 (6-8)
				09/12/05 14:35	09/12/05 14:40	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00
Volatile Organic Compounds																				
Acetone	ug/kg	2,800,000	14,000	**270**	**150**	**140**	<12000	<6100	**130**	**160**	**120**	**150**	**28.**	<120	**23.**	**150**	**490**	**32.**	<120	<110
Benzene	ug/kg	640	20	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	**2.0**	<6.7	<5.5	<5.8	<5.6
Bromobenzene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Bromochloromethane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Bromodichloromethane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Bromoform	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Bromomethane	ug/kg	NA	NA	<13.	<13.	<12.	<1200	<610	<11.	<12.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<11.	<12.	<11.
2-Butanone	ug/kg	4,400,000	3,400	<130	<130	<120	<12000	<6100	<110	<120	<130	<120	<120	<120	<120	<120	<130	<110	<120	<110
n-Butylbenzene	ug/kg	48,000	1,400	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
sec-Butylbenzene	ug/kg	44,000	1,400	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
tert-Butylbenzene	ug/kg	78,000	1,400	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Carbon Tetrachloride	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Chlorobenzene	ug/kg	30,000	1,000	<6.3	**85.**	<5.8	<610	<310	<5.6	**2.2**	**1.4**	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Chloroethane	ug/kg	3,000	56,000	<13.	<13.	<12.	<1200	<610	<11.	<12.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<11.	<12.	<11.
Chloroform	ug/kg	220	3.8	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Chloromethane	ug/kg	9,400	52	<13.	<13.	<12.	<1200	<610	<11.	<12.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<11.	<12.	<11.
2-Chlorotoluene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
4-Chlorotoluene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Dibromochloromethane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,2-Dibromoethane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Dibromomethane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,3-Dichlorobenzene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Dichlorodifluoromethane	ug/kg	18,800	28,000	<13.	<13.	<12.	<1200	<610	<11.	<12.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<11.	<12.	<11.
1,1-Dichloroethane	ug/kg	102,000	14,000	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,2-Dichloroethane	ug/kg	280	7.6	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,1-Dichloroethene	ug/kg	24,000	140	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	**900**	**3600**	**1.6**	<610	**1200**	<5.6	**41.**	**620**	**370**	**3.2**	<6.2	<6.2	**110**	**980**	<5.5	<5.8	<5.6
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	<6.3	**12.**	<5.8	<610	**99.**	<5.6	<6.1	**4.7**	**3.3**	<5.8	<6.2	<6.2	**4.0**	**3.9**	<5.5	<5.8	<5.6
1,2-Dichloropropane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,3-Dichloropropane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
2,2-Dichloropropane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,1-Dichloropropene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
cis-1,3-Dichloropropene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
trans-1,3-Dichloropropene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Isopropyl Ether	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Ethylbenzene	ug/kg	380,000	580	<6.3	**1.4**	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Hexachlorobutadiene	ug/kg	6,200	8.8	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
2-Hexanone	ug/kg	NA	NA	<63.	<64.	<58.	<6100	<3100	<56.	<61.	<64.	<61.	<58.	<62.	<62.	<61.	<67.	<55.	<58.	<56.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
p-Isopropyltoluene	ug/kg	14,600,000	280	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Methylene chloride	ug/kg	9,100	100	**90.**	**38.**	**4.6**	<610	<310	<5.6	**4.4**	**5.4**	**4.6**	**6.6**	**5.9**	<6.2	**33.**	**12.**	**6.9**	**17.**	<5.6
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<63.	<64.	<58.	<6100	<3100	<56.	<61.	<64.	<61.	<58.	<62.	<62.	<61.	<67.	<55.	<58.	<56.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B21-02 (8-10)	B21-02 (14-16)	B21-03 (0-4)	B21-03 (10-12)	B21-03 (19-20)	B21-04 (0-2)	B21-04 (6-8)	B21-04 (14-16)	B21-04 (18-21)	B21-05 (0-2)	B21-05 (4-6)	B21-05 (8-10)	B21-05 (14-16)	B21-05 (18-19)	B21-06 (4-8)	B21-07 (0-2)	B21-07 (6-8)
				09/12/05 14:35	09/12/05 14:40	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Naphthalene	ug/kg	11,200	420	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	**1.5**	**6.9**	<5.8	**2.2**	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
n-Propylbenzene	ug/kg	48,000	1,400	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Styrene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Tetrachloroethene	ug/kg	480	14	**3300**	**43000**	**830**	**13000**	<310	**56.**	**47000**	**3100**	**2600**	**13.**	**12.**	**20.**	**140**	<6.7	**150**	<5.8	**1.2**
Toluene	ug/kg	132,000	20,000	<6.3	**2.4**	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	**1.9**	<6.7	<5.5	<5.8	<5.6
1,1,2-Trichloroethane	ug/kg	730	4	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Trichloroethene	ug/kg	53	56	**670**	**2100**	**16.**	**820**	<310	**1.1**	**91.**	**420**	**270**	**2.5**	<6.2	<6.2	**15.**	<6.7	<5.5	<5.8	<5.6
Trichlorofluoromethane	ug/kg	78,000	42,000	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,2,3-Trichloropropane	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<6.3	**12.**	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<6.3	**3.7**	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
Vinyl acetate	ug/kg	NA	NA	<63.	<64.	<58.	<6100	<3100	<56.	<61.	<64.	<61.	<58.	<62.	<62.	<61.	<67.	<55.	<58.	<56.
Vinyl chloride	ug/kg	79	0.3	<13.	<13.	<12.	<1200	<610	<11.	<12.	<13.	<12.	<12.	<12.	<12.	<12.	**390**	<11.	<12.	<11.
Xylenes (Total)	ug/kg	54,000	10,600	<6.3	<6.4	<5.8	<6.1	<6.1	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6
m,p-Xylene	ug/kg	NA	NA	<13.	**3.7**	<12.	<1200	<610	<11.	<12.	<13.	<12.	<12.	<12.	<12.	<12.	<13.	<11.	<12.	<11.
o-Xylene	ug/kg	NA	NA	<6.3	<6.4	<5.8	<610	<310	<5.6	<6.1	<6.4	<6.1	<5.8	<6.2	<6.2	<6.1	<6.7	<5.5	<5.8	<5.6

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B21-07 (18-20)	B21-07 (22-23.5)	B21-08 (0-2)	B21-08 (4-6)	B21-08 (12-14)	B21-09 (4-6)	B21-09 (18-20)	MW-B21-1OI (4-6)	MW-B21-1OI (19-21)	MW-B21-1OI (29-31)	B21-11 (4-6)	B21-11 (10-12)	B21-12 (4-6)	B21-12 (10-12)
				09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/27/05 15:00	09/27/05 15:30	09/28/05 00:00	09/28/05 00:00	09/28/05 00:00	02/27/06 14:30	02/27/06 14:45	02/27/06 15:00	02/27/06 15:15
Volatile Organic Compounds																	
Acetone	ug/kg	2,800,000	14,000	<6600	<6400	**31.**	<110	**240**	**30.**	**50.**	**96.**	<120	**21.**	**66.**	**80.**	**56.**	**40.**
Benzene	ug/kg	640	20	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Bromobenzene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Bromochloromethane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Bromodichloromethane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Bromoform	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Bromomethane	ug/kg	NA	NA	<660	<640	<11.	<11.	<12.	<13.	<11.	<12.	<12.	<11.	<12.	<11.	<13.	<12.
2-Butanone	ug/kg	4,400,000	3,400	<6600	<6400	<110	<110	<120	<130	<110	<120	<120	<110	<120	<110	<130	<120
n-Butylbenzene	ug/kg	48,000	1,400	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
sec-Butylbenzene	ug/kg	44,000	1,400	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
tert-Butylbenzene	ug/kg	78,000	1,400	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Carbon Tetrachloride	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Chlorobenzene	ug/kg	30,000	1,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Chloroethane	ug/kg	3,000	56,000	<660	<640	<11.	<11.	<12.	<13.	<11.	<12.	<12.	<11.	<12.	<11.	<13.	<12.
Chloroform	ug/kg	220	3.8	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Chloromethane	ug/kg	9,400	52	<660	<640	<11.	<11.	<12.	<13.	<11.	<12.	<12.	<11.	<12.	<11.	<13.	<12.
2-Chlorotoluene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
4-Chlorotoluene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2-Dibromo-3-chloropropane	ug/kg	460	0.5	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Dibromochloromethane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2-Dibromoethane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Dibromomethane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2-Dichlorobenzene	ug/kg	220,000	12,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,3-Dichlorobenzene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,4-Dichlorobenzene	ug/kg	3,400	1,500	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Dichlorodifluoromethane	ug/kg	18,800	28,000	<660	<640	<11.	<11.	<12.	<13.	<11.	<12.	<12.	<11.	<12.	<11.	<13.	<12.
1,1-Dichloroethane	ug/kg	102,000	14,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	**5.2**	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2-Dichloroethane	ug/kg	280	7.6	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,1-Dichloroethene	ug/kg	24,000	140	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
cis-1,2-Dichloroethene	ug/kg	8,600	1,400	**1300**	**11000**	<5.5	<5.6	<5.9	**13.**	<5.7	**450**	**8.5**	**7.2**	<6.0	<5.6	<6.4	<5.8
trans-1,2-Dichloroethene	ug/kg	13,800	1,400	**150**	**1100**	<5.5	<5.6	<5.9	<6.6	<5.7	**17.**	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2-Dichloropropane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,3-Dichloropropane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
2,2-Dichloropropane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,1-Dichloropropene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
cis-1,3-Dichloropropene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
trans-1,3-Dichloropropene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Isopropyl Ether	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Ethylbenzene	ug/kg	380,000	580	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Hexachlorobutadiene	ug/kg	6,200	8.8	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
2-Hexanone	ug/kg	NA	NA	<3300	<3200	<55.	<56.	<59.	<66.	<57.	<61.	<59.	<56.	<60.	<56.	<64.	<58.
Isopropylbenzene (Cumene)	ug/kg	114,000	1,400	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
p-Isopropyltoluene	ug/kg	14,600,000	280	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Methylene chloride	ug/kg	9,100	100	<330	<320	**6.5**	**7.0**	**17.**	**13.**	**14.**	**19.**	**4.5**	**7.4**	**19.**	**14.**	**23.**	**17.**
4-Methyl-2-pentanone	ug/kg	1,060,000	40,000	<3300	<3200	<55.	<56.	<59.	<66.	<57.	<61.	<59.	<56.	<60.	<56.	<64.	<58.

Table 5. Soil Sample Analytical Results: Volatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B21-07 (18-20)	B21-07 (22-23.5)	B21-08 (0-2)	B21-08 (4-6)	B21-08 (12-14)	B21-09 (4-6)	B21-09 (18-20)	MW-B21-1OI (4-6)	MW-B21-1OI (19-21)	MW-B21-1OI (29-31)	B21-11 (4-6)	B21-11 (10-12)	B21-12 (4-6)	B21-12 (10-12)
				09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/27/05 15:00	09/27/05 15:30	09/28/05 00:00	09/28/05 00:00	09/28/05 00:00	02/27/06 14:30	02/27/06 14:45	02/27/06 15:00	02/27/06 15:15
Methyl-tert-butyl ether	ug/kg	32,000	4,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Naphthalene	ug/kg	11,200	420	<330	**610**	<5.5	<5.6	**1.4**	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
n-Propylbenzene	ug/kg	48,000	1,400	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Styrene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,1,1,2-Tetrachloroethane	ug/kg	3,200	8.6	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,1,2,2-Tetrachloroethane	ug/kg	410	1.1	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Tetrachloroethene	ug/kg	480	14	**91.**	**620**	**3.0**	**2.5**	<5.9	**220**	<5.7	**940**	<5.9	<5.6	**20.**	<5.6	**9.5**	<5.8
Toluene	ug/kg	132,000	20,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2,3-Trichlorobenzene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2,4-Trichlorobenzene	ug/kg	12,400	1,400	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,1,1-Trichloroethane	ug/kg	400,000	4,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	**12.**	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,1,2-Trichloroethane	ug/kg	730	4	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Trichloroethene	ug/kg	53	56	<330	<320	<5.5	<5.6	<5.9	**24.**	<5.7	**330**	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Trichlorofluoromethane	ug/kg	78,000	42,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2,3-Trichloropropane	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,2,4-Trimethylbenzene	ug/kg	10,400	7,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
1,3,5-Trimethylbenzene	ug/kg	10,400	7,000	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
Vinyl acetate	ug/kg	NA	NA	<3300	<3200	<55.	<56.	<59.	<66.	<57.	<61.	<59.	<56.	<60.	<56.	<64.	<58.
Vinyl chloride	ug/kg	79	0.3	<660	**110**	<11.	<11.	<12.	<13.	<11.	**2.0**	<12.	<11.	<12.	<11.	<13.	<12.
Xylenes (Total)	ug/kg	54,000	10,600	<6.6	<6.4	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8
m,p-Xylene	ug/kg	NA	NA	<660	<640	<11.	<11.	<12.	<13.	<11.	<12.	<12.	<11.	<12.	<11.	<13.	<12.
o-Xylene	ug/kg	NA	NA	<330	<320	<5.5	<5.6	<5.9	<6.6	<5.7	<6.1	<5.9	<5.6	<6.0	<5.6	<6.4	<5.8

Table 6. Soil Sample Analytical Results: Semivolatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B1-03 (1-2)	B1-04 (1-2)	B1-04 (8-10)	B1-05 (1-2)	B1-05 (8-10)	B1-05 (14-16)	B1-06 (1-2)	B1-06 (8-10)	B4-08B (2.5-3.5)	B4-08B (5-7)	B10-09 (0-2)	B10-09 (4-7)	B10-11 (0-4)	B10-12 (1-4)	B10-14 (4-6)	B10-15 (6-8)	B10-16 (2-4)	B10-18 (3-5)	B10-18 SEWER RESID.	B10-19 (3-5)	B10-20 (4-7)
				09/26/05 10:30	09/26/05 11:00	09/26/05 11:30	09/27/05 09:00	09/27/05 09:15	09/27/05 09:30	09/27/05 11:00	09/27/05 11:15	09/27/05 18:30	09/27/05 18:45	09/28/05 10:00	09/28/05 10:15	09/28/05 10:30	09/28/05 10:45	09/28/05 11:15	09/28/05 12:00	09/28/05 11:30	09/28/05 14:45	09/28/05 14:30	09/28/05 15:00	09/28/05 00:00
Semivolatile Organic Compounds																								
Acenaphthene	ug/kg	740,000	1,600	<430	<380	<430	**14000**	**160**	<440	<410	<420	<410	<420	**1300**	<480	<390	<400	<430	<430	<430	<400	**3700**	<480	<490
Acenaphthylene	ug/kg	460,000	4,200	<430	<380	<430	**450**	<430	<440	<410	<420	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Anthracene	ug/kg	4,400,000	42,000	<430	<380	<430	**6100**	**110**	<440	<410	<420	<410	<420	**2500**	<480	<390	<400	<430	<430	<430	<400	**5900**	<480	<490
Benzo(k)fluoranthene	ug/kg	6,200	9.58	<430	<380	<430	**1700**	<430	<440	**280**	<420	<410	<420	**4900**	<480	<390	<400	<430	<430	<430	<400	**12000**	<480	<490
Benzo(b)fluoranthene	ug/kg	620	0.958	<430	<380	<430	**1600**	<430	<440	**280**	<420	<410	<420	**4800**	<480	<390	<400	<430	<430	<430	<400	**12000**	<480	<490
Benzo(a)anthracene	ug/kg	620	0.958	<430	**260**	<430	**2600**	<430	<440	**300**	<420	<410	<420	**6300**	<480	<390	<400	<430	<430	<430	<400	**12000**	<480	<490
Benzoic acid	ug/kg	48,000,000	560,000	NA	NA	NA	NA	NA	NA	NA	NA	<2000	<2100	<1900	<2400	<2000	<2000	<2100	<2200	<2200	**160**	<10000	<2400	<2500
Benzo(g,h,i)perylene	ug/kg	460,000	4,200	<430	<380	<430	<2000	<430	<440	**810**	<420	<410	<420	**500**	<480	<390	**240**	<430	<430	<430	<400	**1400**	<480	<490
Benzyl alcohol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<810	<840	<770	<950	<790	<790	<860	<870	<860	<810	<4100	<970	<990
Benzo(a)pyrene	ug/kg	62	0.0958	<430	**120**	<430	**1200**	<430	<440	**260**	<420	<410	<420	**5100**	<480	<390	<400	<430	<430	<430	<400	**9900**	<480	<490
4-Bromophenylphenyl ether	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Butylbenzylphthalate	ug/kg	2,400,000	2,000	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
4-Chloro-3-methylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<810	<840	<770	<950	<790	<790	<860	<870	<860	<810	<4100	<970	<990
4-Chloroaniline	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<810	<840	<770	<950	<790	<790	<860	<870	<860	<810	<4100	<970	<990
bis(2-Chloroethoxy)methane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
bis(2-Chloroethyl) ether	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
bis(2-Chloroisopropyl) ether	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
2-Chloronaphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
2-Chlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
4-Chlorophenylphenyl ether	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Chrysene	ug/kg	62,000	95.8	<430	**270**	<430	**2600**	<430	<440	**330**	<420	<410	<420	**6400**	<480	<390	<400	<430	<430	<430	<400	**11000**	<480	<490
Dibenz(a,h)anthracene	ug/kg	62	0.094	<430	<380	<430	**640**	<430	<440	**240**	<420	<410	<420	**500**	<480	<390	<400	<430	<430	<430	<400	**680**	<480	<490
Dibenzofuran	ug/kg	30,000	48	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	**590**	<480	<390	<400	<430	<430	<430	<400	**3000**	<480	<490
1,2-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
1,3-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
1,4-Dichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
3,3'-Dichlorobenzidine	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<810	<840	<770	<950	<790	<790	<860	<870	<860	<810	<4100	<970	<990
2,4-Dichlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Diethylphthalate	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
2,4-Dimethylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Dimethylphthalate	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Di-n-butylphthalate	ug/kg	1,220,000	14,000	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
4,6-Dinitro-2-methylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
2,4-Dinitrophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2000	<2100	<1900	<2400	<2000	<2000	<2100	<2200	<2200	<2000	<10000	<2400	<2500
2,4-Dinitrotoluene	ug/kg	24,000	292	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
2,6-Dinitrotoluene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Di-n-octylphthalate	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
1,2-Diphenylhydrazine	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
bis(2-Ethylhexyl)phthalate	ug/kg	35,000	60	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	**660**	<480	<490
Fluoranthene	ug/kg	460,000	5,600	<430	**230**	<430	**15000**	**170**	<440	**220**	<420	<410	<420	**14000**	<480	<390	**130**	<430	<430	<430	<400	**24000**	<480	<490
Fluorene	ug/kg	540,000	5,600	<430	<380	<430	**13000**	**92.**	<440	<410	<420	<410	<420	**1100**	<480	<390	<400	<430	<430	<430	<400	**2900**	<480	<490
Hexachloro-1,3-butadiene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Hexachlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Hexachlorocyclopentadiene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490

Table 6. Soil Sample Analytical Results: Semivolatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B1-03 (1-2)	B1-04 (1-2)	B1-04 (8-10)	B1-05 (1-2)	B1-05 (8-10)	B1-05 (14-16)	B1-06 (1-2)	B1-06 (8-10)	B4-08B (2.5-3.5)	B4-08B (5-7)	B10-09 (0-2)	B10-09 (4-7)	B10-11 (0-4)	B10-12 (1-4)	B10-14 (4-6)	B10-15 (6-8)	B10-16 (2-4)	B10-18 (3-5)	B10-18 SEWER RESID.	B10-19 (3-5)	B10-20 (4-7)
				09/26/05 10:30	09/26/05 11:00	09/26/05 11:30	09/27/05 09:00	09/27/05 09:15	09/27/05 09:30	09/27/05 11:00	09/27/05 11:15	09/27/05 18:30	09/27/05 18:45	09/28/05 10:00	09/28/05 10:15	09/28/05 10:30	09/28/05 10:45	09/28/05 11:15	09/28/05 12:00	09/28/05 11:30	09/28/05 14:45	09/28/05 14:30	09/28/05 15:00	09/28/05 00:00
Hexachloroethane	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Indeno(1,2,3-cd)pyrene	ug/kg	620	0.958	<430	<380	<430	**710**	<430	<440	**510**	<420	<410	<420	**740**	<480	<390	**110**	<430	<430	<430	<400	**1200**	<480	<490
Isophorone	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
1-Methylnaphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ug/kg	11,200	280	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	**210**	<480	<390	<400	<430	<430	<430	<400	**2000**	<480	<490
2-Methylphenol (o-Cresol)	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
3&4-Methylphenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Naphthalene	ug/kg	11,200	420	<430	<380	<430	**46000**	**360**	<440	<410	<420	<410	<420	**480**	<480	<390	<400	<430	<430	<430	<400	**2500**	<480	<490
2-Nitroaniline	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2000	<2100	<1900	<2400	<2000	<2000	<2100	<2200	<2200	<2000	<10000	<2400	<2500
3-Nitroaniline	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2000	<2100	<1900	<2400	<2000	<2000	<2100	<2200	<2200	<2000	<10000	<2400	<2500
4-Nitroaniline	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2000	<2100	<1900	<2400	<2000	<2000	<2100	<2200	<2200	<2000	<10000	<2400	<2500
Nitrobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
2-Nitrophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
4-Nitrophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2000	<2100	<1900	<2400	<2000	<2000	<2100	<2200	<2200	<2000	<10000	<2400	<2500
N-Nitroso-di-n-propylamine	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
N-Nitrosodiphenylamine	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Pentachlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2000	<2100	<1900	<2400	<2000	<2000	<2100	<2200	<2200	<2000	<10000	<2400	<2500
Phenanthrene	ug/kg	460,000	4,200	<430	**210**	<430	**24000**	**290**	<440	**150**	<420	<410	<420	**11000**	<480	<390	<400	<430	<430	<430	<400	**24000**	<480	<490
Phenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
Pyrene	ug/kg	460,000	4,200	<430	**130**	<430	**6900**	<430	<440	**130**	<420	<410	<420	**11000**	<480	<390	**110**	<430	<430	<430	<400	**20000**	<480	<490
1,2,4-Trichlorobenzene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
2,4,5-Trichlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490
2,4,6-Trichlorophenol	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<410	<420	<380	<480	<390	<400	<430	<430	<430	<400	<2100	<480	<490

Table 6. Soil Sample Analytical Results: Semivolatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B10-20 SEWER RESID.	B10-21 (4-6)	B10-22 (6-8)	B12-05 (2-4)	B12-05 (8-10)	DA-01	DA-02	Tank-01	DA-03	DA-04	DA-05	DA-05 (A) (1-1.5)	DA-05 (B) (1-2)	DRUMS-01	DRUM-04	TP-03-02	TP-03-03	TP-04-01	TP-04-02	TP-05-01	B15-06 (0-2)
				09/28/05 18:00	09/28/05 15:30	09/28/05 16:30	02/28/06 09:15	02/28/06 09:30	07/26/05 09:45	07/26/05 10:30	07/26/05 11:00	07/26/05 10:45	07/26/05 11:45	07/26/05 14:00	02/27/06 15:45	02/27/06 16:00	07/29/05 08:00	07/29/05 08:00	07/28/05 11:45	07/28/05 12:00	07/28/05 15:30	07/28/05 15:45	07/28/05 17:30	09/13/05 17:10
Semivolatile Organic Compounds																								
Acenaphthene	ug/kg	740,000	1,600	<1700	<400	<390	<390	<380	<4500	<400	**210**	**78.**	<400	<1900	<420	<400	<480	<2700	<410	**130**	**1800**	<430	<1900	<450
Acenaphthylene	ug/kg	460,000	4,200	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	**410**	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Anthracene	ug/kg	4,400,000	42,000	<1700	<400	<390	<390	<380	<4500	<400	**490**	**130**	<400	**550**	**230**	**130**	<480	<2700	<410	**320**	<3900	<430	<1900	<450
Benzo(k)fluoranthene	ug/kg	6,200	9.58	**640**	<400	<390	<390	<380	<4500	**160**	**790**	**390**	**170**	**3900**	**1200**	**590**	<480	<2700	<410	**430**	<3900	**150**	**790**	<450
Benzo(b)fluoranthene	ug/kg	620	0.958	**510**	<400	<390	<390	<380	<4500	**180**	**690**	**300**	**170**	**4100**	**1400**	**510**	<480	<2700	<410	**370**	<3900	**120**	**790**	<450
Benzo(a)anthracene	ug/kg	620	0.958	**440**	<400	<390	<390	<380	<4500	**130**	**820**	**330**	**170**	**2300**	**1200**	**440**	<480	<2700	<410	**510**	<3900	**120**	<1900	<450
Benzoic acid	ug/kg	48,000,000	560,000	<8600	<2000	<2000	<1900	<1900	<22000	<2000	<2000	<2000	<2000	<9300	<2100	<2000	<2400	<13000	<2100	<2100	<20000	<2100	<9500	<2200
Benzo(g,h,i)perylene	ug/kg	460,000	4,200	<1700	<400	<390	<390	<380	<4500	<400	**130**	<390	<400	**630**	<420	**120**	<480	<2700	<410	<410	<3900	<430	**1200**	<450
Benzyl alcohol	ug/kg	NA	NA	<3400	<810	<790	<770	<760	<9000	<800	<800	<780	<790	<3700	<830	<800	<970	<5300	<830	<830	<7800	<860	<3800	<890
Benzo(a)pyrene	ug/kg	62	0.0958	**580**	<400	<390	<390	<380	<4500	**160**	**680**	**290**	**160**	**2700**	**1000**	**630**	<480	<2700	<410	**390**	<3900	**120**	<1900	<450
4-Bromophenylphenyl ether	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Butylbenzylphthalate	ug/kg	2,400,000	2,000	<1700	<400	<390	<390	<380	<4500	**200**	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
4-Chloro-3-methylphenol	ug/kg	NA	NA	<3400	<810	<790	<770	<760	<9000	<800	<800	<780	<790	<3700	<830	<800	<970	<5300	<830	<830	<7800	<860	<3800	<890
4-Chloroaniline	ug/kg	NA	NA	<3400	<810	<790	<770	<760	<9000	<800	<800	<780	<790	<3700	<830	<800	<970	<5300	<830	<830	<7800	<860	<3800	<890
bis(2-Chloroethoxy)methane	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
bis(2-Chloroethyl) ether	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
bis(2-Chloroisopropyl) ether	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2-Chloronaphthalene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2-Chlorophenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
4-Chlorophenylphenyl ether	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Chrysene	ug/kg	62,000	95.8	**490**	<400	<390	<390	<380	<4500	**160**	**820**	**350**	**180**	**2800**	**1200**	**440**	<480	<2700	<410	**500**	<3900	**130**	**550**	<450
Dibenz(a,h)anthracene	ug/kg	62	0.094	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Dibenzofuran	ug/kg	30,000	48	<1700	<400	<390	<390	<380	<4500	<400	**140**	<390	<400	<1900	<420	<400	<480	<2700	<410	**79.**	<3900	<430	<1900	<450
1,2-Dichlorobenzene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
1,3-Dichlorobenzene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
1,4-Dichlorobenzene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
3,3'-Dichlorobenzidine	ug/kg	NA	NA	<3400	<810	<790	<770	<760	<9000	<800	<800	<780	<790	<3700	<830	<800	<970	<5300	<830	<830	<7800	<860	<3800	<890
2,4-Dichlorophenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Diethylphthalate	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2,4-Dimethylphenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Dimethylphthalate	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Di-n-butylphthalate	ug/kg	1,220,000	14,000	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
4,6-Dinitro-2-methylphenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2,4-Dinitrophenol	ug/kg	NA	NA	<8600	<2000	<2000	<1900	<1900	<22000	<2000	<2000	<2000	<2000	<9300	<2100	<2000	<2400	<13000	<2100	<2100	<20000	<2100	<9500	<2200
2,4-Dinitrotoluene	ug/kg	24,000	292	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2,6-Dinitrotoluene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Di-n-octylphthalate	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
1,2-Diphenylhydrazine	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
bis(2-Ethylhexyl)phthalate	ug/kg	35,000	60	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	**620**	<2700	<410	<410	<3900	<430	<1900	<450
Fluoranthene	ug/kg	460,000	5,600	**810**	<400	<390	<390	<380	<4500	**220**	**1700**	**740**	**340**	**3000**	**2600**	**760**	<480	<2700	**190**	**1000**	<3900	**220**	**900**	**220**
Fluorene	ug/kg	540,000	5,600	<1700	<400	<390	<390	<380	<4500	<400	**260**	<390	<400	<1900	<420	<400	<480	<2700	<410	**150**	**760**	<430	<1900	<450
Hexachloro-1,3-butadiene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Hexachlorobenzene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Hexachlorocyclopentadiene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450

Table 6. Soil Sample Analytical Results: Semivolatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B10-20 SEWER RESID.	B10-21 (4-6)	B10-22 (6-8)	B12-05 (2-4)	B12-05 (8-10)	DA-01	DA-02	Tank-01	DA-03	DA-04	DA-05	DA-05 (A) (1-1.5)	DA-05 (B) (1-2)	DRUMS-01	DRUM-04	TP-03-02	TP-03-03	TP-04-01	TP-04-02	TP-05-01	B15-06 (0-2)
				09/28/05 18:00	09/28/05 15:30	09/28/05 16:30	02/28/06 09:15	02/28/06 09:30	07/26/05 09:45	07/26/05 10:30	07/26/05 11:00	07/26/05 10:45	07/26/05 11:45	07/26/05 14:00	02/27/06 15:45	02/27/06 16:00	07/29/05 08:00	07/29/05 08:00	07/28/05 11:45	07/28/05 12:00	07/28/05 15:30	07/28/05 15:45	07/28/05 17:30	09/13/05 17:10
Hexachloroethane	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Indeno(1,2,3-cd)pyrene	ug/kg	620	0.958	**490**	<400	<390	<390	<380	<4500	<400	**100**	<390	<400	**710**	**110**	**140**	**130**	<2700	<410	<410	<3900	<430	**650**	<450
Isophorone	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
1-Methylnaphthalene	ug/kg	NA	NA	NA	NA	NA	<390	<380	NA	NA	NA	NA	NA	NA	<420	<400	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ug/kg	11,200	280	<1700	<400	<390	<390	<380	<4500	**270**	**61.**	<390	**190**	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2-Methylphenol (o-Cresol)	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
3&4-Methylphenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Naphthalene	ug/kg	11,200	420	<1700	<400	<390	<390	<380	<4500	**270**	**150**	**93.**	<400	<1900	<420	**65.**	<480	<2700	<410	<410	**960**	<430	<1900	<450
2-Nitroaniline	ug/kg	NA	NA	<8600	<2000	<2000	<1900	<1900	<22000	<2000	<2000	<2000	<2000	<9300	<2100	<2000	<2400	<13000	<2100	<2100	<20000	<2100	<9500	<2200
3-Nitroaniline	ug/kg	NA	NA	<8600	<2000	<2000	<1900	<1900	<22000	<2000	<2000	<2000	<2000	<9300	<2100	<2000	<2400	<13000	<2100	<2100	<20000	<2100	<9500	<2200
4-Nitroaniline	ug/kg	NA	NA	<8600	<2000	<2000	<1900	<1900	<22000	<2000	<2000	<2000	<2000	<9300	<2100	<2000	<2400	<13000	<2100	<2100	<20000	<2100	<9500	<2200
Nitrobenzene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2-Nitrophenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
4-Nitrophenol	ug/kg	NA	NA	<8600	<2000	<2000	<1900	<1900	<22000	<2000	<2000	<2000	<2000	<9300	<2100	<2000	<2400	<13000	<2100	<2100	<20000	<2100	<9500	<2200
N-Nitroso-di-n-propylamine	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
N-Nitrosodiphenylamine	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Pentachlorophenol	ug/kg	NA	NA	<8600	<2000	<2000	<1900	<1900	<22000	<2000	<2000	<2000	<2000	<9300	<2100	<2000	<2400	<13000	<2100	<2100	<20000	<2100	<9500	<2200
Phenanthrene	ug/kg	460,000	4,200	**460**	<400	<390	<390	<380	<4500	**150**	**1700**	**710**	**210**	**1000**	**1200**	**490**	<480	<2700	**220**	**1200**	**5200**	**96.**	**560**	**220**
Phenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
Pyrene	ug/kg	460,000	4,200	**810**	<400	<390	<390	<380	<4500	**210**	**1600**	**730**	**290**	**2900**	**2700**	**680**	**130**	<2700	**150**	**960**	**2700**	**220**	**1700**	**150**
1,2,4-Trichlorobenzene	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2,4,5-Trichlorophenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450
2,4,6-Trichlorophenol	ug/kg	NA	NA	<1700	<400	<390	<390	<380	<4500	<400	<400	<390	<400	<1900	<420	<400	<480	<2700	<410	<410	<3900	<430	<1900	<450

Table 6. Soil Sample Analytical Results: Semivolatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B15-06 (4-6)	B15-06 (8-10)	B15-06 (14-16)	B18-01 (4-6)	B18-01 (8-10)	B18-01 (12-14)	B18-02 (12-14)	B19-03 (1-4)	B19-03 (16-20)	B19-04 (1-3)	B19-04 (8-12)	B19-04 (20-22)	B19-05 (1-3)	B19-05 (16-18)	B19-06 (1-4)	B19-06 (5-8)	B19-06 (16.5-19.5)	B20-02 (6-8)	B-21-01
				09/13/05 17:30	09/13/05 17:50	09/13/05 18:00	09/26/05 09:00	09/26/05 09:15	09/26/05 09:30	02/28/06 11:40	09/15/05 08:45	09/15/05 09:00	09/15/05 09:15	09/15/05 09:30	09/15/05 09:45	09/15/05 09:30	09/15/05 09:45	09/15/05 10:00	09/15/05 10:10	09/15/05 10:15	09/15/05 09:30	06/20/06 10:30
Semivolatile Organic Compounds																						
Acenaphthene	ug/kg	740,000	1,600	<430	<420	<440	<390	<430	**340**	<380	<410	<450	**1600**	<430	<480	<410	<380	<420	<410	<420	<430	<400
Acenaphthylene	ug/kg	460,000	4,200	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Anthracene	ug/kg	4,400,000	42,000	<430	<420	<440	<390	<430	**570**	<380	<410	<450	**2900**	<430	<480	<410	<380	<420	<410	<420	<430	**250**
Benzo(k)fluoranthene	ug/kg	6,200	9.58	<430	<420	<440	<390	<430	**730**	<380	**250**	<450	**4700**	<430	<480	**170**	<380	<420	<410	<420	<430	**250**
Benzo(b)fluoranthene	ug/kg	620	0.958	<430	<420	<440	<390	<430	**720**	<380	**220**	<450	**6000**	<430	<480	**140**	<380	<420	<410	<420	<430	**350**
Benzo(a)anthracene	ug/kg	620	0.958	<430	<420	<440	<390	<430	**980**	<380	**260**	<450	**5500**	<430	<480	**170**	<380	<420	<410	<420	<430	**210**
Benzoic acid	ug/kg	48,000,000	560,000	<2100	<2100	<2200	<1900	<2200	<1900	<1900	<2100	<2200	<11000	<2200	<2400	<2000	<1900	<2100	<2000	<2100	<2100	<2000
Benzo(g,h,i)perylene	ug/kg	460,000	4,200	<430	<420	<440	<390	<430	**650**	<380	**270**	<450	**1700**	<430	<480	**260**	<380	<420	<410	<420	<430	<400
Benzyl alcohol	ug/kg	NA	NA	<850	<840	<890	<770	<860	<750	<770	<820	<900	<4200	<870	<970	<810	<750	<830	<820	<840	<860	<810
Benzo(a)pyrene	ug/kg	62	0.0958	<430	<420	<440	<390	<430	**900**	<380	**270**	<450	**6000**	<430	<480	**200**	<380	<420	<410	<420	<430	**200**
4-Bromophenylphenyl ether	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Butylbenzylphthalate	ug/kg	2,400,000	2,000	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
4-Chloro-3-methylphenol	ug/kg	NA	NA	<850	<840	<890	<770	<860	<750	<770	<820	<900	<4200	<870	<970	<810	<750	<830	<820	<840	<860	<810
4-Chloroaniline	ug/kg	NA	NA	<850	<840	<890	<770	<860	<750	<770	<820	<900	<4200	<870	<970	<810	<750	<830	<820	<840	<860	<810
bis(2-Chloroethoxy)methane	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
bis(2-Chloroethyl) ether	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
bis(2-Chloroisopropyl) ether	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
2-Chloronaphthalene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
2-Chlorophenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
4-Chlorophenylphenyl ether	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Chrysene	ug/kg	62,000	95.8	<430	<420	<440	<390	<430	**940**	<380	**260**	<450	**5100**	<430	<480	**170**	<380	<420	<410	<420	<430	**200**
Dibenz(a,h)anthracene	ug/kg	62	0.094	<430	<420	<440	<390	<430	**330**	<380	<410	<450	**1100**	<430	<480	<410	<380	<420	<410	<420	<430	<400
Dibenzofuran	ug/kg	30,000	48	<430	<420	<440	<390	<430	**310**	<380	<410	<450	**910**	<430	<480	<410	<380	<420	<410	<420	<430	<400
1,2-Dichlorobenzene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
1,3-Dichlorobenzene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
1,4-Dichlorobenzene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
3,3'-Dichlorobenzidine	ug/kg	NA	NA	<850	<840	<890	<770	<860	<750	<770	<820	<900	<4200	<870	<970	<810	<750	<830	<820	<840	<860	<810
2,4-Dichlorophenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Diethylphthalate	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
2,4-Dimethylphenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Dimethylphthalate	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Di-n-butylphthalate	ug/kg	1,220,000	14,000	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
4,6-Dinitro-2-methylphenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
2,4-Dinitrophenol	ug/kg	NA	NA	<2100	<2100	<2200	<1900	<2200	<1900	<1900	<2100	<2200	<11000	<2200	<2400	<2000	<1900	<2100	<2000	<2100	<2100	<2000
2,4-Dinitrotoluene	ug/kg	24,000	292	<430	<420	<440	<390	<430	**750**	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
2,6-Dinitrotoluene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Di-n-octylphthalate	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
1,2-Diphenylhydrazine	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
bis(2-Ethylhexyl)phthalate	ug/kg	35,000	60	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Fluoranthene	ug/kg	460,000	5,600	<430	<420	<440	<390	**220**	**2300**	<380	**600**	<450	**12000**	<430	<480	**360**	<380	<420	<410	<420	<430	**470**
Fluorene	ug/kg	540,000	5,600	<430	<420	<440	<390	<430	**260**	<380	<410	<450	**1100**	<430	<480	<410	<380	<420	<410	<420	<430	**170**
Hexachloro-1,3-butadiene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Hexachlorobenzene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Hexachlorocyclopentadiene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400

Table 6. Soil Sample Analytical Results: Semivolatile Organic Compounds

		PRG (Health)	PRG (GW Protection)	B15-06 (4-6)	B15-06 (8-10)	B15-06 (14-16)	B18-01 (4-6)	B18-01 (8-10)	B18-01 (12-14)	B18-02 (12-14)	B19-03 (1-4)	B19-03 (16-20)	B19-04 (1-3)	B19-04 (8-12)	B19-04 (20-22)	B19-05 (1-3)	B19-05 (16-18)	B19-06 (1-4)	B19-06 (5-8)	B19-06 (16.5-19.5)	B20-02 (6-8)	B-21-01
				09/13/05 17:30	09/13/05 17:50	09/13/05 18:00	09/26/05 09:00	09/26/05 09:15	09/26/05 09:30	02/28/06 11:40	09/15/05 08:45	09/15/05 09:00	09/15/05 09:15	09/15/05 09:30	09/15/05 09:45	09/15/05 09:30	09/15/05 09:45	09/15/05 10:00	09/15/05 10:10	09/15/05 10:15	09/15/05 09:30	06/20/06 10:30
Hexachloroethane	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Indeno(1,2,3-cd)pyrene	ug/kg	620	0.958	<430	<420	<440	<390	<430	**610**	<380	**190**	<450	**1900**	<430	<480	**160**	<380	<420	<410	<420	<430	<400
Isophorone	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
1-Methylnaphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	<380	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<400
2-Methylnaphthalene	ug/kg	11,200	280	<430	<420	<440	<390	<430	**130**	<380	<410	<450	**580**	<430	<480	<410	<380	<420	<410	<420	<430	<400
2-Methylphenol (o-Cresol)	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
3&4-Methylphenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Naphthalene	ug/kg	11,200	420	<430	<420	<440	<390	<430	**130**	<380	<410	<450	**2200**	<430	<480	<410	<380	<420	<410	<420	<430	<400
2-Nitroaniline	ug/kg	NA	NA	<2100	<2100	<2200	<1900	<2200	<1900	<1900	<2100	<2200	<11000	<2200	<2400	<2000	<1900	<2100	<2000	<2100	<2100	<2000
3-Nitroaniline	ug/kg	NA	NA	<2100	<2100	<2200	<1900	<2200	<1900	<1900	<2100	<2200	<11000	<2200	<2400	<2000	<1900	<2100	<2000	<2100	<2100	<2000
4-Nitroaniline	ug/kg	NA	NA	<2100	<2100	<2200	<1900	<2200	<1900	<1900	<2100	<2200	<11000	<2200	<2400	<2000	<1900	<2100	<2000	<2100	<2100	<2000
Nitrobenzene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
2-Nitrophenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
4-Nitrophenol	ug/kg	NA	NA	<2100	<2100	<2200	<1900	<2200	<1900	<1900	<2100	<2200	<11000	<2200	<2400	<2000	<1900	<2100	<2000	<2100	<2100	<2000
N-Nitroso-di-n-propylamine	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
N-Nitrosodiphenylamine	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Pentachlorophenol	ug/kg	NA	NA	<2100	<2100	<2200	<1900	<2200	<1900	<1900	<2100	<2200	<11000	<2200	<2400	<2000	<1900	<2100	<2000	<2100	<2100	<2000
Phenanthrene	ug/kg	460,000	4,200	<430	<420	<440	<390	**220**	**2800**	<380	**450**	<450	**11000**	<430	<480	**260**	<380	<420	<410	<420	<430	**380**
Phenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
Pyrene	ug/kg	460,000	4,200	<430	<420	<440	<390	<430	**1900**	<380	**460**	<450	**10000**	<430	<480	**330**	<380	<420	<410	<420	<430	**320**
1,2,4-Trichlorobenzene	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
2,4,5-Trichlorophenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400
2,4,6-Trichlorophenol	ug/kg	NA	NA	<430	<420	<440	<390	<430	<380	<380	<410	<450	<2100	<430	<480	<410	<380	<420	<410	<420	<430	<400

Table 7. Soil Sample Analytical Results: PCBs

		PRG (Health)	PRG (GW Protection)	B1-03 (1-2)	B1-04 (1-2)	B1-04 (8-10)	B1-05 (1-2)	B1-05 (8-10)	B1-05 (14-16)	B1-06 (1-2)	B1-06 (8-10)	AREA 2 DOCK OIL	B2-03B (2.5-3.0)
				09/26/05 10:30	09/26/05 11:00	09/26/05 11:30	09/27/05 09:00	09/27/05 09:15	09/27/05 09:30	09/27/05 11:00	09/27/05 11:15	09/29/05 15:00	09/26/05 15:30
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<43.	<190	<43.	<40.	<43.	<44.	<41.	<42.	<1.0	<42.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<43.	<190	<43.	<40.	<43.	<44.	<41.	<42.	<1.0	<42.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<43.	<190	<43.	<40.	<43.	<44.	<41.	<42.	<1.0	<42.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<43.	<190	<43.	<40.	<43.	<44.	<41.	<42.	<1.0	<42.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<43.	<190	<43.	<40.	<43.	<44.	<41.	<42.	<1.0	<42.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**27000**	**1400**	<43.	**4000**	**250**	**23.**	**280**	**17.**	<1.0	**2600**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<43.	<190	<43.	<40.	<43.	<44.	<41.	<42.	<1.0	<42.
		PRG (Health)	PRG (GW Protection)	B2-03B (4.0-4.5)	B2-05 (1-3)	B2-05 (3-5)	B2-05 (5-7)	B2-06 (1-3)	B2-06 (3-5)	B2-06 (5-7)	B2-07 (1-3)	B2-07 (3-5)	B2-07 (5-7)
				09/26/05 15:45	09/26/05 16:00	09/26/05 16:15	09/26/05 16:30	09/26/05 13:30	09/26/05 13:45	09/26/05 14:00	09/26/05 14:15	09/26/05 14:30	09/26/05 14:45
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<41.	<42.	<43.	<37.	<41.	<44.	<43.	<39.	<36.	<43.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<41.	<42.	<43.	<37.	<41.	<44.	<43.	<39.	<36.	<43.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<41.	<42.	<43.	<37.	<41.	<44.	<43.	<39.	<36.	<43.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<41.	<42.	<43.	<37.	<41.	<44.	<43.	<39.	<36.	<43.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<41.	<42.	<43.	<37.	<41.	<44.	<43.	<39.	<36.	<43.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**1400**	**220**	**1000**	<37.	**1100**	**430**	**2900**	**5200**	**18000**	**54.**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<41.	<42.	<43.	<37.	<41.	<44.	<43.	<39.	<36.	<43.
		PRG (Health)	PRG (GW Protection)	B2-08 (1-3)	B2-08 (3-5)	B2-08 (5-7)	B2-09 (0-2)	B2-09 (4-6)	B2-09 (6-8)	B2-10 (0-4)	B2-10 (4-6)	B2-10 (6-8)	B2-11 (1-3)
				09/27/05 11:30	09/27/05 11:45	09/27/05 12:00	02/27/06 17:00	02/27/06 17:10	02/27/06 17:20	02/28/06 14:15	02/28/06 14:25	02/28/06 14:35	03/01/06 08:25
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<38.	<36.	<390	<40.	<41.	<430
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<38.	<36.	<390	<40.	<41.	<430
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<38.	<36.	<390	<40.	<41.	<430
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<38.	<36.	<390	<40.	<41.	<430
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	**4500**	<42.	<40.	<38.	<38.	<36.	<390	<40.	<41.	<430
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<42.	<42.	<40.	**4400**	<38.	<36.	**62000**	**1100**	<41.	<430
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<42.	**26.**	<40.	<38.	<38.	<36.	<390	<40.	<41.	<430

Table 7. Soil Sample Analytical Results: PCBs

		PRG (Health)	PRG (GW Protection)	B2-11 (5-6)	B2-11 (11-13)	B2-11 (17-19)	N RD-01 (0.5-1)	N RD-01 (3.5-4)	N RD-02 (0.5-1)	N RD-02 (3.5-4)	N RD-03 (0.5-1)	N RD-03 (3.5-4)	N RD-04 (0.5-1)
				03/01/06 08:35	03/01/06 08:45	03/01/06 08:55	03/02/06 11:50	03/02/06 12:00	03/02/06 12:20	03/02/06 12:30	03/02/06 12:50	03/02/06 13:00	03/02/06 13:20
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<41.	<40.	<42.	<180	<41.	<41.	<410	<38.	<41.	<730
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<41.	<40.	<42.	<180	<41.	<41.	<410	<38.	<41.	<730
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<41.	<40.	<42.	<180	<41.	<41.	<410	<38.	<41.	<730
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<41.	<40.	<42.	<180	<41.	<41.	<410	<38.	<41.	<730
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<41.	<40.	<42.	<180	<41.	<41.	<410	<38.	<41.	<730
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**7300**	**3100**	<42.	**16000**	<41.	**1400**	**1000**	**1300**	**42.**	**7400**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<41.	<40.	<42.	<180	<41.	<41.	<410	<38.	<41.	<730

		PRG (Health)	PRG (GW Protection)	N RD-04 (3.5-4)	N RD-05 (0.5-1)	N RD-05 (3.5-4)	AREA 6 EAST PIT	AREA 6 WEST PIT	B-10-05 (SW)	B-10-06 (NW)	B10-09 (0-2)	B10-09 (4-7)	B10-11 (0-4)
				03/02/06 13:30	03/02/06 13:50	03/02/06 14:00	08/12/05 15:00	08/12/05 15:00	06/20/06 11:30	06/20/06 11:00	09/28/05 10:00	09/28/05 10:15	09/28/05 10:30
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<42.	<400	<430	<240	<52.	<42.	<400	<38.	<48.	<39.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<42.	<400	<430	<240	<52.	<42.	<400	<38.	<48.	<39.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<42.	<400	<430	<240	<52.	<42.	<400	<38.	<48.	<39.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<42.	<400	<430	<240	<52.	<42.	<400	<38.	<48.	<39.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<42.	<400	<430	<240	<52.	<42.	<400	<38.	<48.	<39.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**2400**	**110000**	**360**	**2100**	<52.	**370**	**3300**	<38.	<48.	<39.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<42.	<400	<430	<240	<52.	<42.	<400	<38.	<48.	<39.

		PRG (Health)	PRG (GW Protection)	B10-12 (1-4)	B10-14 (4-6)	B10-15 (6-8)	B10-16 (2-4)	B10-17 (3-5)	B10-17 (6-8)	B10-18 (3-5)	B10-18 SEWER RESIDUE	B10-19 (3-5)	B10-20 (4-7)
				09/28/05 10:45	09/28/05 11:15	09/28/05 12:00	09/28/05 11:30	09/28/05 14:00	09/28/05 14:15	09/28/05 14:45	09/28/05 14:30	09/28/05 15:00	09/28/05 00:00
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<40.	<43.	<43.	<43.	<44.	<41.	<40.	<41.	<48.	<49.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<40.	<43.	<43.	<43.	<44.	<41.	<40.	<41.	<48.	<49.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<40.	<43.	<43.	<43.	<44.	<41.	<40.	<41.	<48.	<49.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<40.	<43.	<43.	<43.	<44.	<41.	<40.	<41.	<48.	<49.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<40.	<43.	<43.	<43.	<44.	<41.	<40.	<41.	<48.	<49.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<40.	<43.	<43.	<43.	**200**	**61.**	**180**	**830**	<48.	<49.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<40.	<43.	**61.**	<43.	<44.	<41.	<40.	<41.	**39.**	<49.

Table 7. Soil Sample Analytical Results: PCBs

		PRG (Health)	PRG (GW Protection)	B10-20 SEWER RESIDUE	B10-21 (4-6)	B10-22 (6-8)	B12-02 (3-4)	B12-02 (8-10)	B12-03 (3-4)	B12-03 (8-10)	B12-04 (3-4)	B12-04 (8-10)	B12-05 (2-4)
				09/28/05 18:00	09/28/05 15:30	09/28/05 16:30	09/29/05 09:30	09/29/05 09:45	09/29/05 10:00	09/29/05 10:15	09/29/05 10:45	09/29/05 11:00	02/28/06 09:15
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<34.	<40.	<39.	<41.	<38.	<44.	<40.	<170000	<40.	<39.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<34.	<40.	<39.	<41.	<38.	<44.	<40.	<170000	<40.	<39.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<34.	<40.	<39.	<41.	<38.	<44.	<40.	<170000	<40.	<39.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<34.	<40.	<39.	<41.	<38.	<44.	<40.	<170000	<40.	<39.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<34.	<40.	<39.	<41.	<38.	<44.	<40.	<170000	<40.	<39.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**100**	<40.	<39.	**820**	**270**	**2500**	**20.**	**780000**	**880**	**52.**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<34.	<40.	<39.	<41.	<38.	<44.	<40.	<170000	<40.	<39.

		PRG (Health)	PRG (GW Protection)	B12-05 (8-10)	B12-06 (4-6)	B12-06 (11-12)	B12-07 (2-4)	B12-07 (8-10)	B12-08 (1-3)	B12-08 (8-10)	B13-02 (6-8)	B13-02 (10-12)	B13-02 (18-20)
				02/28/06 09:30	02/28/06 09:50	02/28/06 10:00	03/01/06 09:10	03/01/06 09:20	03/01/06 09:40	03/01/06 09:50	08/11/05 09:30	08/11/05 09:50	08/11/05 10:20
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<38.	<37.	<45.	<45.	<37.	<41.	<43.	<39.	<43.	<37.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<38.	<37.	<45.	<45.	<37.	<41.	<43.	<39.	<43.	<37.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<38.	<37.	<45.	<45.	<37.	<41.	<43.	<39.	<43.	<37.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<38.	<37.	<45.	<45.	<37.	<41.	<43.	<39.	<43.	<37.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<38.	<37.	<45.	<45.	<37.	<41.	<43.	<39.	<43.	<37.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<38.	<37.	<45.	<45.	<37.	**19.**	<43.	**190**	<43.	<37.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<38.	<37.	<45.	<45.	<37.	<41.	<43.	<39.	<43.	<37.

		PRG (Health)	PRG (GW Protection)	B13-03 (2-4)	B13-03 (10-12)	B13-03 (18-19)	B13-04 (2-4)	B13-04 (7-8)	B13-04 (12-14)	B13-04 (20-22)	B13-05 (2-4)	B13-05 (6-8)	B13-05 (16-18)
				08/11/05 11:00	08/11/05 11:20	08/11/05 11:40	08/11/05 13:30	08/11/05 14:00	08/11/05 14:30	08/11/05 15:30	08/11/05 16:30	08/11/05 17:00	08/11/05 17:30
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<1700	<43.	<41.	<43.	<890	<210	<39.	<210	<46.	<37.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<1700	<43.	<41.	<43.	<890	<210	<39.	<210	<46.	<37.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<1700	<43.	<41.	<43.	<890	<210	<39.	<210	<46.	<37.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<1700	<43.	<41.	<43.	<890	<210	<39.	<210	<46.	<37.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<1700	<43.	<41.	<43.	<890	<210	<39.	<210	<46.	<37.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**20000**	<43.	**270**	<43.	**6000**	**1900**	<39.	**2500**	<46.	<37.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<1700	<43.	<41.	<43.	<890	<210	<39.	<210	<46.	<37.

Table 7. Soil Sample Analytical Results: PCBs

		PRG (Health)	PRG (GW Protection)	B13-06 (2-4)	B13-06 (6-8)	B13-06 (12-14)	B13-06 (18-20)	B13-07 (6-8)	B13-07 (10-12)	B13-07 (16-18)	B13-07 (22-24)	B13-08 (2-4)	B13-08 (6-8)
				08/12/05 09:00	08/12/05 09:20	08/12/05 09:40	08/12/05 10:00	08/12/05 11:00	08/12/05 11:20	08/12/05 11:30	08/12/05 13:00	09/12/05 10:20	09/12/05 10:30
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<43.	<46.	<42.	<43.	<4200	<230	<44.	<41.	<410	<400
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<43.	<46.	<42.	<43.	<4200	<230	<44.	<41.	<410	<400
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<43.	<46.	<42.	<43.	<4200	<230	<44.	<41.	<410	<400
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<43.	<46.	<42.	<43.	<4200	<230	<44.	<41.	<410	<400
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<43.	<46.	<42.	<43.	<4200	<230	<44.	<41.	<410	<400
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**270**	<46.	<42.	**73.**	**58000**	**2700**	**29.**	<41.	<410	<400
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<43.	<46.	<42.	<43.	<4200	<230	<44.	<41.	<410	<400

		PRG (Health)	PRG (GW Protection)	B13-08 (10-12)	B13-08 (14-16)	B13-08 (18-20)	B13-09 (2-4)	B13-09 (6-8)	B13-09 (12-14)	B13-09 (20-22)	B13-09 (26-28)	B13-10 (0-2)	B13-10 (2-4)
				09/12/05 10:40	09/12/05 10:50	09/12/05 11:00	09/12/05 11:20	09/12/05 11:25	09/12/05 11:35	09/12/05 11:45	09/12/05 11:50	09/12/05 12:05	09/12/05 12:05
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<390	<390	<46.	<43.	<1900	<400
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<390	<390	<46.	<43.	<1900	<400
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<390	<390	<46.	<43.	<1900	<400
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<390	<390	<46.	<43.	<1900	<400
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<390	<390	<46.	<43.	<1900	<400
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<42.	**68.**	<40.	<38.	**4800**	**290**	<46.	<43.	**20000**	**2100**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<42.	<42.	<40.	<38.	<390	<390	<46.	<43.	<1900	<400

		PRG (Health)	PRG (GW Protection)	B13-10 (8-10)	B13-10 (14-16)	B13-11 (0-2)	B13-11 (6-8)	B13-11 (14-16)	B13-12 (0-2)	B13-12 (6-8)	B13-12 (10-12)	B13-12 (14-16)	B13-12 (20-22)
				09/12/05 12:15	09/12/05 12:20	09/12/05 16:15	09/12/05 16:20	09/12/05 16:30	09/14/05 10:15	09/14/05 10:45	09/14/05 11:00	09/14/05 11:15	09/14/05 11:20
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<40.	<41.	<79.	<42.	<42.	<810	<800	<38.	<76.	<38.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<40.	<41.	<79.	<42.	<42.	<810	<800	<38.	<76.	<38.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<40.	<41.	<79.	<42.	<42.	<810	<800	<38.	<76.	<38.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<40.	<41.	<79.	<42.	<42.	<810	<800	<38.	<76.	<38.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<40.	<41.	<79.	<42.	<42.	<810	<800	<38.	<76.	<38.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<40.	<41.	**130**	<42.	<42.	**13000**	**6800**	**66.**	**660**	<38.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<40.	<41.	<79.	<42.	<42.	<810	<800	<38.	<76.	<38.

Table 7. Soil Sample Analytical Results: PCBs

		PRG (Health)	PRG (GW Protection)	B13-13 (0-4)	B13-13 (8-9.5)	B13-13 (9.5-10.5)	B13-13 (16-18)	B13-14 (0-4)	B13-14 (10-12)	B13-14 (18-20)	B13-15 (4-6)	B13-15 (8-10)	B13-15 (18-19)
				09/14/05 09:15	09/14/05 09:30	09/14/05 09:40	09/14/05 10:00	09/14/05 11:30	09/14/05 11:45	09/14/05 12:15	09/14/05 14:15	09/14/05 14:30	09/14/05 15:00
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<44.	<41.	<39.	<39.	<40.	<39.	<40.	<2100	<39.	<37.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<44.	<41.	<39.	<39.	<40.	<39.	<40.	<2100	<39.	<37.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<44.	<41.	<39.	<39.	<40.	<39.	<40.	<2100	<39.	<37.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<44.	<41.	<39.	<39.	<40.	<39.	<40.	<2100	<39.	<37.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<44.	<41.	<39.	<39.	<40.	<39.	<40.	<2100	<39.	<37.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**34.**	<41.	**19.**	<39.	<40.	**190**	<40.	**35000**	**65.**	<37.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<44.	<41.	<39.	<39.	<40.	<39.	<40.	<2100	<39.	<37.
		PRG (Health)	PRG (GW Protection)	B13-16 (1-3)	B13-16 (8-10)	B13-16 (14-16)	B13-17 (3-3.5)	B13-17B (3-4)	B13-17B (5-6)	B13-17B (7-8)	B13-17B (9-10)	B13-18 (2-4)	B13-18 (6-8)
				02/28/06 08:30	02/28/06 08:40	02/28/06 08:50	02/28/06 17:40	02/28/06 17:50	02/28/06 17:55	02/28/06 18:00	02/28/06 18:05	02/28/06 16:50	02/28/06 17:00
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<39.	<39.	<46.	<430	<200	<830	<43.	<42.	<43.	<42.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<39.	<39.	<46.	<430	<200	<830	<43.	<42.	<43.	<42.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<39.	<39.	<46.	<430	<200	<830	<43.	<42.	<43.	<42.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<39.	<39.	<46.	<430	<200	<830	<43.	<42.	<43.	<42.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<39.	<39.	<46.	<430	<200	<830	<43.	<42.	<43.	<42.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**32000**	**26.**	<46.	<430	**2100**	**6200**	**2800**	**240**	**74.**	**25.**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<39.	<39.	<46.	<430	<200	<830	<43.	<42.	<43.	<42.
		PRG (Health)	PRG (GW Protection)	B13-19 (2-4)	B13-19 (5-7)	B13-19 (12-14)	B13-20 (4-6)	B13-20 (12-14)	B13-21 (0-0.5)	B13-21 (0.5-1)	B13-21 (1-1.5)	B13-21 (6-7)	B13-21 (12-13)
				02/28/06 16:20	02/28/06 16:30	02/28/06 16:40	02/27/06 12:15	02/27/06 12:25	02/27/06 08:30	02/27/06 08:35	02/27/06 08:40	02/27/06 08:50	02/27/06 09:00
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<770	<410	<42.	<190	<36.	<350	<38.	<40.	<38.	<370
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<770	<410	<42.	<190	<36.	<350	<38.	<40.	<38.	<370
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<770	<410	<42.	<190	<36.	<350	<38.	<40.	<38.	<370
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<770	<410	<42.	<190	<36.	<350	<38.	<40.	<38.	<370
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<770	<410	<42.	<190	<36.	<350	<38.	<40.	<38.	<370
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<770	**24000**	**43.**	**280**	<36.	<350	**41000**	**470000**	**430**	**16000**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<770	<410	<42.	<190	<36.	<350	<38.	<40.	<38.	<370

Table 7. Soil Sample Analytical Results: PCBs

		PRG (Health)	PRG (GW Protection)	B13-22 (2-4)	B13-22 (6-8)	B13-22 (13-14)	B13-22 (20-21)	B13-23 (0-1)	B13-23 (1-3)	B13-23 (10-12)	B13-24 (0-0.5)	B13-24 (0.5-1)	B13-24 (1-2)
				02/27/06 11:30	02/27/06 11:40	02/27/06 11:50	02/27/06 12:00	02/27/06 11:00	02/27/06 11:10	02/27/06 11:20	02/27/06 09:10	02/27/06 09:20	02/27/06 09:30
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<400	<39.	<720	<780	<35.	<39.	<44.	<370	<37.	<40.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<400	<39.	<720	<780	<35.	<39.	<44.	<370	<37.	<40.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<400	<39.	<720	<780	<35.	<39.	<44.	<370	<37.	<40.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<400	<39.	<720	<780	<35.	<39.	<44.	<370	<37.	<40.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<400	<39.	<720	<780	<35.	<39.	<44.	<370	<37.	<40.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**340000**	**59000**	<720	**8700**	<35.	**59.**	**18.**	**2400**	**22000**	**2700**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<400	<39.	<720	<780	<35.	<39.	<44.	<370	<37.	<40.

		PRG (Health)	PRG (GW Protection)	B13-24 (9-10)	B13-25 (0-2)	B13-25 (2-3)	B13-25 (5-7)	B13-26 (0-0.5)	B13-26 (0.5-1)	B13-26 (1-2)	B13-26 (11-12)	B13-27 (0-4)	B13-27 (10-12)
				02/27/06 09:40	02/27/06 10:30	02/27/06 10:40	02/27/06 10:50	02/27/06 09:50	02/27/06 09:55	02/27/06 10:00	02/27/06 10:15	02/27/06 16:35	02/27/06 16:45
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<39.	<38.	<38.	<45.	<350	<36.	<38.	<44.	<41.	<42.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<39.	<38.	<38.	<45.	<350	<36.	<38.	<44.	<41.	<42.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<39.	<38.	<38.	<45.	<350	<36.	<38.	<44.	<41.	<42.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<39.	<38.	<38.	<45.	<350	<36.	<38.	<44.	<41.	<42.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<39.	<38.	<38.	<45.	<350	<36.	<38.	<44.	<41.	<42.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**270**	**430**	**670**	<45.	<350	**2600**	**70.**	<44.	**350**	<42.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<39.	<38.	<38.	<45.	<350	<36.	<38.	<44.	<41.	<42.

		PRG (Health)	PRG (GW Protection)	DA-01	DA-02	Tank-01	DA-03	DA-04	DA-05	DRUMS-01	DRUM-04	TP-03-02	TP-03-03
				07/26/05 09:45	07/26/05 10:30	07/26/05 11:00	07/26/05 10:45	07/26/05 11:45	07/26/05 14:00	07/29/05 08:00	07/29/05 08:00	07/28/05 11:45	07/28/05 12:00
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<48.	<42.	<40.	<54.	<2100	<37.	<480	<53.	<830	<830
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<48.	<42.	<40.	<54.	<2100	<37.	<480	<53.	<830	<830
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<48.	<42.	<40.	<54.	<2100	<37.	<480	<53.	<830	<830
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<48.	<42.	<40.	<54.	<2100	<37.	<480	<53.	<830	<830
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<48.	<42.	<40.	<54.	<2100	<37.	<480	<53.	<830	<830
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**340**	**46.**	<40.	<54.	<2100	**36.**	**2900**	<53.	<830	**2100**
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<48.	<42.	<40.	<54.	<2100	<37.	<480	<53.	<830	<830

Table 7. Soil Sample Analytical Results: PCBs

		PRG (Health)	PRG (GW Protection)	TP-04-01	TP-04-02	TP-05-01	B18-01 (4-6)	B18-01 (8-10)	B18-01 (12-14)	B18-02 (4-6)	B19-03 (1-4)	B19-03 (16-20)	B19-04 (1-3)
				07/28/05 15:30	07/28/05 15:45	07/28/05 17:30	09/26/05 09:00	09/26/05 09:15	09/26/05 09:30	02/28/06 11:20	09/15/05 08:45	09/15/05 09:00	09/15/05 09:15
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<21000	<2100	<38.	<39.	<43.	<38.	<38.	<41.	<45.	<850
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<21000	<2100	<38.	<39.	<43.	<38.	<38.	<41.	<45.	<850
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<21000	<2100	<38.	<39.	<43.	<38.	<38.	<41.	<45.	<850
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<21000	<2100	<38.	<39.	<43.	<38.	<38.	<41.	<45.	<850
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<21000	<2100	<38.	<39.	<43.	<38.	<38.	<41.	<45.	<850
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**210000**	**2800**	**48.**	**2500**	**33.**	<38.	<38.	**610**	<45.	<850
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<21000	<2100	<38.	<39.	<43.	<38.	<38.	<41.	<45.	<850

		PRG (Health)	PRG (GW Protection)	B19-04 (8-12)	B19-04 (20-22)	B19-05 (1-3)	B19-05 (16-18)	B19-06 (1-4)	B19-06 (5-8)	B19-06 (16.5-19.5)	AOC19 PIT NE	AOC19 PIT SW	B20-02 (6-8)
				09/15/05 09:30	09/15/05 09:45	09/15/05 09:30	09/15/05 09:45	09/15/05 10:00	09/15/05 10:10	09/15/05 10:15	09/15/05 10:30	09/15/05 10:45	09/15/05 09:30
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<43.	<48.	<41.	<38.	<42.	<41.	<42.	<38.	<750	<43.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<43.	<48.	<41.	<38.	<42.	<41.	<42.	<38.	<750	<43.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<43.	<48.	<41.	<38.	<42.	<41.	<42.	<38.	<750	<43.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<43.	<48.	<41.	<38.	<42.	<41.	<42.	<38.	<750	<43.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<43.	<48.	<41.	<38.	<42.	<41.	<42.	<38.	<750	<43.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<43.	<48.	**34.**	<38.	<42.	<41.	<42.	**110**	**760**	<43.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<43.	<48.	<41.	<38.	<42.	<41.	<42.	<38.	<750	<43.

		PRG (Health)	PRG (GW Protection)	B21-01 (2-4)	B21-01 (8-10)	B21-01 (12-14)	B21-01 (16-18)	B21-02 (2-4)	B21-02 (4-6)	B21-02 (8-10)	B21-02 (14-16)	B21-03 (0-4)	B21-03 (10-12)
				09/12/05 13:45	09/12/05 13:55	09/12/05 14:00	09/12/05 14:05	09/12/05 14:25	09/12/05 14:30	09/12/05 14:35	09/12/05 14:40	09/15/05 15:00	09/15/05 15:00
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<77.	<41.	<40.	<41.	<40.	<41.	<41.	<210	<760	<2000
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<77.	<41.	<40.	<41.	<40.	<41.	<41.	<210	<760	<2000
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<77.	<41.	<40.	<41.	<40.	<41.	<41.	<210	<760	<2000
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<77.	<41.	<40.	<41.	<40.	<41.	<41.	<210	<760	<2000
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<77.	<41.	<40.	<41.	<40.	<41.	<41.	<210	<760	<2000
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	**170**	<41.	<40.	<41.	**35.**	<41.	<41.	**450**	**300**	<2000
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<77.	<41.	<40.	<41.	<40.	<41.	<41.	<210	<760	<2000

Table 7. Soil Sample Analytical Results: PCBs

		PRG (Health)	PRG (GW Protection)	B21-03 (19-20)	B21-04 (0-2)	B21-04 (6-8)	B21-04 (14-16)	B21-04 (18-21)	B21-05 (0-2)	B21-05 (4-6)	B21-05 (8-10)	B21-05 (14-16)	B21-05 (18-19)
				09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<40.	<37.	<40.	<42.	<800	<77.	<41.	<41.	<800	<44.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<40.	<37.	<40.	<42.	<800	<77.	<41.	<41.	<800	<44.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<40.	<37.	<40.	<42.	<800	<77.	<41.	<41.	<800	<44.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<40.	<37.	<40.	<42.	<800	<77.	<41.	<41.	<800	<44.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<40.	<37.	<40.	<42.	<800	<77.	<41.	<41.	<800	<44.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<40.	<37.	<40.	**200**	<800	**1900**	**41.**	**18.**	<800	<44.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<40.	<37.	<40.	<42.	<800	<77.	<41.	<41.	<800	<44.

		PRG (Health)	PRG (GW Protection)	B21-06 (4-8)	B21-07 (0-2)	B21-07 (6-8)	B21-07 (18-20)	B21-07 (22-23.5)	B21-08 (0-2)	B21-08 (4-6)	B21-08 (12-14)	B21-09 (4-6)	B21-09 (18-20)
				09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/15/05 15:00	09/27/05 15:00	09/27/05 15:30
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<720	<38.	<37.	<43.	<42.	<37.	<37.	<78.	<44.	<37.
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<720	<38.	<37.	<43.	<42.	<37.	<37.	<78.	<44.	<37.
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<720	<38.	<37.	<43.	<42.	<37.	<37.	<78.	<44.	<37.
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<720	<38.	<37.	<43.	<42.	<37.	<37.	<78.	<44.	<37.
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<720	<38.	<37.	<43.	<42.	<37.	<37.	<78.	<44.	<37.
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<720	**25.**	<37.	<43.	**270**	**34.**	**94.**	<78.	<44.	<37.
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<720	<38.	<37.	<43.	<42.	<37.	<37.	<78.	<44.	<37.

		PRG (Health)	PRG (GW Protection)	MW-B21-1OI (4-6)	MW-B21-1OI (19-21)	MW-B21-1OI (29-31)	B21-11 (4-6)	B21-11 (10-12)					
				09/28/05 00:00	09/28/05 00:00	09/28/05 00:00	02/27/06 14:30	02/27/06 14:45					
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/kg	1,000	10	<41.	<39.	<37.	<40.	<37.					
PCB-1221 (Aroclor 1221)	ug/kg	1,000	10	<41.	<39.	<37.	<40.	<37.					
PCB-1232 (Aroclor 1232)	ug/kg	1,000	10	<41.	<39.	<37.	<40.	<37.					
PCB-1242 (Aroclor 1242)	ug/kg	1,000	10	<41.	<39.	<37.	<40.	<37.					
PCB-1248 (Aroclor 1248)	ug/kg	1,000	10	<41.	<39.	<37.	<40.	<37.					
PCB-1254 (Aroclor 1254)	ug/kg	1,000	10	<41.	<39.	<37.	**1400**	<37.					
PCB-1260 (Aroclor 1260)	ug/kg	1,000	10	<41.	<39.	**43.**	<40.	<37.					

Table 8. Soil Sample Analytical Results: Metals and Cyanide

		PRG (Health)	PRG (GW Protection)	B1-02B (0-2)	B1-03 (1-2)	B1-04 (1-2)	B1-04 (8-10)	B1-05 (1-2)	B1-05 (8-10)	B1-05 (14-16)	B1-06 (1-2)	B1-06 (8-10)	B2-04B (0-2)	B2-04B (4-6)	B2-10 (0-4)	B2-10 (15-16)	B3-03 (0-2)	B3-03 (4-6)	B3-03 (8-10)
				09/15/05 10:00	09/26/05 10:30	09/26/05 11:00	09/26/05 11:30	09/27/05 09:00	09/27/05 09:15	09/27/05 09:30	09/27/05 11:00	09/27/05 11:15	09/26/05 14:45	09/26/05 15:00	02/28/06 14:15	02/28/06 14:45	09/14/05 08:55	09/14/05 09:05	09/14/05 09:15
Metals																			
Antimony	mg/kg	6.2	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	6	6	NA	**3.8**	**9.0**	<0.66	**1.1**	**0.45**	**1.5**	**1.3**	**0.80**	NA	NA	NA	NA	**0.79**	**0.34**	**0.22**
Barium	mg/kg	1,080	309	NA	**180**	**190**	**250**	**13.**	**350**	**450**	**200**	**210**	NA	NA	NA	NA	**120**	**170**	**130**
Beryllium	mg/kg	30	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.4	0.1	NA	<0.12	<0.11	<0.13	<0.11	<0.12	<0.12	<0.12	<0.12	<0.12	<0.12	NA	NA	<0.11	<0.11	<0.11
Chromium	mg/kg	24,000	71	**110**	**370**	**160**	**160**	**20.**	**5.0**	**140**	**28.**	**15.**	NA	NA	NA	NA	**95.**	**18.**	**14.**
Chromium, Hexavalent	mg/kg	44	1	<6.79	<6.61	<5.71	<6.70	<6.13	<6.45	<6.27	<6.41	<6.46	NA	NA	<5.89	<6.11	<2.51	<1.01	<0.707
Copper	mg/kg	620	78	NA	**38.**	**88.**	**21.**	**13.**	**29.**	**66.**	**83.**	**82.**	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	400	144	NA	**8.8**	**13.**	**4.3**	**18.**	**9.3**	**7.5**	**14.**	**7.8**	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	1,050	1,050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	4.6	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	320	30	NA	**110**	**55.**	**52.**	**13.**	**12.**	**37.**	**15.**	**3.6**	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/kg	78	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	78	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	1.04	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	4,600	262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Inorganics																			
Cyanide	mg/kg	240	3.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 8. Soil Sample Analytical Results: Metals and Cyanide

		PRG (Health)	PRG (GW Protection)	B3-03 (12-14)	B3-04 (0-2)	B3-04 (4-6)	B3-04 (8-10)	B3-04 (12-14)	B3-05 (0-2)	B3-05 (4-6)	B3-05 (8-10)	B3-05 (12-14)	B3-06 (0-2)	B3-06 (4-6)	B3-06 (8-10)	B3-07 (0-2)	B3-07 (4-6)	B3-07 (8-10)	B3-07 (12-14)
				09/14/05 09:25	09/14/05 00:00	09/14/05 00:00	09/14/05 00:00	09/14/05 00:00	09/14/05 09:40	09/14/05 09:50	09/14/05 10:00	09/14/05 10:10	09/14/05 11:10	09/14/05 11:20	09/14/05 11:30	09/14/05 10:25	09/14/05 10:35	09/14/05 10:45	09/14/05 10:55
Metals																			
Antimony	mg/kg	6.2	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	6	6	**0.22**	**0.31**	**0.54**	**0.65**	**0.44**	**1.4**	**1.5**	<0.61	**0.62**	**1.2**	**0.22**	**0.38**	**0.80**	**0.54**	<0.60	<0.59
Barium	mg/kg	1,080	309	**160**	**130**	**61.**	**93.**	**150**	**32.**	**220**	**220**	**2600**	**110**	**120**	**270**	**120**	**70.**	**220**	**220**
Beryllium	mg/kg	30	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.4	0.1	<0.12	<0.12	<0.10	<0.12	<0.11	<0.12	<0.11	<0.12	<0.11	<0.12	<0.10	<0.11	<0.11	<0.11	<0.12	<0.12
Chromium	mg/kg	24,000	71	**13.**	**200**	**4.0**	**7.9**	**4.1**	**25.**	**16.**	**94.**	**38.**	**23.**	**67.**	**68.**	**30.**	**6.7**	**260**	**190**
Chromium, Hexavalent	mg/kg	44	1	**2.89**	<6.30	<5.40	<5.86	<5.74	<1.47	<2.85	<1.96	<2.07	<3.01	<1.46	<2.96	<2.01	<2.15	<2.35	<2.76
Copper	mg/kg	620	78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	400	144	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	1,050	1,050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	4.6	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	320	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/kg	78	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	78	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	1.04	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	4,600	262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Inorganics																			
Cyanide	mg/kg	240	3.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 8. Soil Sample Analytical Results: Metals and Cyanide

		PRG (Health)	PRG (GW Protection)	B3-08 (0-1)	B3-08 (4-6)	B3-08 (8-10)	B3-08 (12-14)	B3-09 (0-1)	B3-09 (4-6)	B3-09 (8-10)	B3-09 (12-14)	B3-10 (0-1)	B3-10 (4-6)	B3-11 (0-1)	B3-11 (4-6)	B3-11 (8-10)	B3-11 (12-14)	AREA 6 EAST PIT	AREA 6 WEST PIT
				09/13/05 10:50	09/13/05 11:10	09/13/05 11:20	09/13/05 11:30	09/13/05 08:35	09/13/05 08:45	09/13/05 08:55	09/13/05 09:05	09/27/05 16:00	09/27/05 16:15	09/13/05 09:25	09/13/05 09:35	09/13/05 09:45	09/13/05 09:55	08/12/05 15:00	08/12/05 15:00
Metals																			
Antimony	mg/kg	6.2	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	6	6	**4.1**	**2.9**	**4.2**	**0.50**	<0.52	**1.3**	**0.84**	**0.66**	**1.5**	**0.47**	**0.83**	**0.69**	**0.95**	**0.15**	NA	NA
Barium	mg/kg	1,080	309	**540**	**230**	**200**	**160**	**290**	**150**	**160**	**250**	**150**	**67.**	**160**	**140**	**170**	**370**	NA	NA
Beryllium	mg/kg	30	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.4	0.1	<0.10	<0.11	<0.098	<0.12	<0.10	<0.11	<0.11	<0.12	<0.10	<0.10	<0.090	<0.11	<0.11	<0.11	NA	NA
Chromium	mg/kg	24,000	71	**4600**	**98.**	**150**	**93.**	**120000**	**13.**	**80.**	**79.**	**59.**	**290**	**130**	**4.1**	**8.5**	**370**	NA	NA
Chromium, Hexavalent	mg/kg	44	1	<5.71	<5.55	<5.40	<5.76	<5.55	<5.90	<6.42	<6.03	<5.62	<5.23	<5.46	<5.73	<5.70	<6.58	<7.44	<8.28
Copper	mg/kg	620	78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	400	144	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	1,050	1,050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	4.6	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	320	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/kg	78	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	78	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	1.04	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	4,600	262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Inorganics																			
Cyanide	mg/kg	240	3.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 8. Soil Sample Analytical Results: Metals and Cyanide

		PRG (Health)	PRG (GW Protection)	B10-09 (0-2)	B10-09 (4-7)	B10-11 (0-4)	B10-12 (1-4)	B10-14 (4-6)	B10-15 (6-8)	B10-16 (2-4)	B10-18 (3-5)	B10-18 SEWER RESIDUE	B10-19 (3-5)	B10-20 (4-7)	B10-20 SEWER RESIDUE	B10-21 (4-6)	B10-22 (6-8)	B12-02 (3-4)	B12-02 (8-10)
				09/28/05 10:00	09/28/05 10:15	09/28/05 10:30	09/28/05 10:45	09/28/05 11:15	09/28/05 12:00	09/28/05 11:30	09/28/05 14:45	09/28/05 14:30	09/28/05 15:00	09/28/05 00:00	09/28/05 18:00	09/28/05 15:30	09/28/05 16:30	09/29/05 09:30	09/29/05 09:45
Metals																			
Antimony	mg/kg	6.2	0.4	<0.53	<0.66	<0.54	<0.57	<0.59	<0.66	<0.62	<0.56	**12.**	<0.70	<0.75	**0.35**	<0.57	<0.53	<0.59	<0.55
Arsenic	mg/kg	6	6	**2.0**	**2.6**	**1.4**	**2.0**	**1.2**	**1.4**	**1.6**	**0.36**	**28.**	**0.54**	**1.3**	**19.**	**0.99**	**0.75**	**1.8**	**0.28**
Barium	mg/kg	1,080	309	**86.**	**190**	**85.**	**42.**	**37.**	**48.**	**60.**	**210**	**79.**	**130**	**89.**	**36.**	**86.**	**110**	**100**	**200**
Beryllium	mg/kg	30	0.8	**0.97**	**1.4**	**1.5**	**0.42**	**0.79**	**0.73**	**0.68**	**1.6**	**0.41**	**1.6**	**0.87**	**0.20**	**0.77**	**0.64**	**1.7**	**0.65**
Cadmium	mg/kg	7.4	0.1	<0.11	<0.13	<0.11	<0.11	<0.12	<0.13	<0.12	<0.11	<0.12	<0.14	<0.15	<0.098	<0.11	<0.11	<0.12	<0.11
Chromium	mg/kg	24,000	71	**40.**	**38.**	**190**	**26.**	**97.**	**32.**	**44.**	**330**	**880**	**210**	**30.**	**19.**	**46.**	**31.**	**78.**	**11.**
Chromium, Hexavalent	mg/kg	44	1	<5.93	<7.36	<5.96	<6.68	<6.26	<7.01	<7.11	<6.24	<6.36	<7.47	<7.48	<5.31	<6.39	<6.23	NA	NA
Copper	mg/kg	620	78	**45.**	**46.**	**89.**	**17.**	**31.**	**28.**	**32.**	**36.**	**980**	**78.**	**29.**	**69.**	**25.**	**84.**	**45.**	**57.**
Lead	mg/kg	400	144	**38.**	**14.**	**13.**	**16.**	**15.**	**10.**	**14.**	**4.5**	**710**	**6.2**	**11.**	**54.**	**6.9**	**3.4**	**9.6**	**6.4**
Manganese	mg/kg	1,050	1,050	**200**	**400**	**800**	**130**	**380**	**210**	**210**	**1600**	**760**	**1300**	**780**	**240**	**260**	**580**	**400**	**580**
Mercury	mg/kg	4.6	0.2	**0.032**	**0.055**	**0.071**	**0.31**	**0.026**	**0.044**	**0.026**	**0.038**	**0.71**	**0.042**	**0.055**	**0.025**	**0.010**	**0.028**	**0.058**	**0.031**
Nickel	mg/kg	320	30	**13.**	**36.**	**52.**	**3.8**	**18.**	**9.0**	**7.5**	**81.**	**280**	**52.**	**7.9**	**13.**	**9.7**	**26.**	**33.**	**17.**
Selenium	mg/kg	78	1	<0.53	<0.66	<0.54	<0.57	<0.59	<0.66	<0.62	<0.56	<0.60	<0.70	<0.75	<0.49	<0.57	<0.53	<0.59	<0.55
Silver	mg/kg	78	0.36	<0.21	<0.26	<0.22	<0.23	<0.24	<0.26	<0.25	<0.22	**0.64**	<0.28	<0.30	<0.20	<0.23	<0.21	<0.24	<0.22
Thallium	mg/kg	1.04	0.8	<1.1	<1.3	<1.1	<1.1	<1.2	<1.3	**0.37**	**0.67**	**0.48**	<1.4	**0.37**	<0.98	**0.38**	<1.1	<1.2	<1.1
Zinc	mg/kg	4,600	262	**120**	**140**	**81.**	**24.**	**28.**	**17.**	**20.**	**150**	**1100**	**96.**	**20.**	**200**	**24.**	**60.**	**41.**	**36.**
Other Inorganics																			
Cyanide	mg/kg	240	3.08	<0.58	<0.72	<0.60	<0.60	<0.65	<0.66	<0.65	<0.61	<0.60	<0.73	**1.0**	<0.53	<0.61	<0.61	NA	NA

Table 8. Soil Sample Analytical Results: Metals and Cyanide

		PRG (Health)	PRG (GW Protection)	B12-03 (3-4)	B12-03 (8-10)	B12-04 (3-4)	B12-04 (8-10)	B12-05 (2-4)	B12-05 (8-10)	DA-01	DA-02	Tank-01	DA-03	DA-04	DA-05	DRUMS-01	DRUM-04	TP-03-02	TP-03-03
				09/29/05 10:00	09/29/05 10:15	09/29/05 10:45	09/29/05 11:00	02/28/06 09:15	02/28/06 09:30	07/26/05 09:45	07/26/05 10:30	07/26/05 11:00	07/26/05 10:45	07/26/05 11:45	07/26/05 14:00	07/29/05 08:00	07/29/05 08:00	07/28/05 11:45	07/28/05 12:00
Metals																			
Antimony	mg/kg	6.2	0.4	<0.62	<0.57	**8.9**	<0.59	**0.36**	<0.57	<0.63	**0.44**	<0.55	<0.59	**0.41**	**0.47**	**1.7**	<0.76	**0.71**	**0.51**
Arsenic	mg/kg	6	6	**1.7**	**0.77**	**75.**	**0.65**	**0.75**	**0.16**	**7.6**	**6.7**	**2.9**	**5.0**	**1.3**	**4.4**	**17.**	**6.5**	**1.1**	**3.8**
Barium	mg/kg	1,080	309	**100**	**220**	**17.**	**77.**	NA	NA	**89.**	**120**	**67.**	**100**	**52.**	**140**	**110**	**81.**	**86.**	**130**
Beryllium	mg/kg	30	0.8	**1.6**	**0.94**	**0.20**	**0.58**	NA	NA	**1.2**	**0.68**	**0.37**	**0.63**	<0.12	<0.11	**1.2**	**0.097**	<0.11	<0.13
Cadmium	mg/kg	7.4	0.1	<0.12	<0.11	<0.094	<0.12	NA	NA	<0.13	<0.11	<0.11	<0.12	<0.12	<0.11	<0.14	<0.15	<0.11	<0.13
Chromium	mg/kg	24,000	71	**150**	**8.9**	**4800**	**18.**	NA	NA	**160**	**34.**	**24.**	**35.**	**36.**	**23.**	**680**	**57.**	**43.**	**94.**
Chromium, Hexavalent	mg/kg	44	1	NA	NA	NA	NA	NA	NA	<5.98	<5.49	<6.07	<4.48	<5.77	<5.75	<7.31	<8.09	<4.54	<5.49
Copper	mg/kg	620	78	**60.**	**26.**	**860**	**16.**	**130**	**88.**	**240**	**95.**	**37.**	**46.**	**26.**	**59.**	**1100**	**110**	**59.**	**71.**
Lead	mg/kg	400	144	**13.**	**4.5**	**230**	**7.1**	NA	NA	**91.**	**100**	**57.**	**55.**	**36.**	**160**	**140**	**48.**	**80.**	**62.**
Manganese	mg/kg	1,050	1,050	**260**	**230**	**3400**	**360**	**270**	**930**	**920**	**550**	**430**	**590**	**350**	**440**	**2200**	**1700**	**420**	**1200**
Mercury	mg/kg	4.6	0.2	**0.089**	**0.024**	**0.0040**	**0.012**	NA	NA	**0.072**	**0.095**	**0.11**	**0.10**	**0.091**	**0.067**	**0.078**	**0.17**	**0.062**	**0.11**
Nickel	mg/kg	320	30	**22.**	**10.**	**7600**	**14.**	**28.**	**41.**	**71.**	**13.**	**4.6**	**9.9**	**8.6**	**11.**	**210**	**27.**	**12.**	**43.**
Selenium	mg/kg	78	1	<0.62	<0.57	<0.47	<0.59	NA	NA	<0.63	<0.57	<0.55	<0.59	**2.1**	**2.1**	<0.69	<0.76	**3.0**	<0.63
Silver	mg/kg	78	0.36	<0.25	<0.23	<0.19	<0.23	NA	NA	**0.19**	**0.069**	<0.22	<0.24	<0.23	<0.21	**0.86**	**0.32**	<0.23	<0.25
Thallium	mg/kg	1.04	0.8	**0.27**	<1.1	<0.94	**0.25**	NA	NA	**1.5**	**0.47**	**0.51**	**0.51**	<1.2	<1.1	**4.3**	**4.2**	<1.1	<1.3
Zinc	mg/kg	4,600	262	**29.**	**43.**	**22.**	**17.**	NA	NA	**210**	**120**	**62.**	**97.**	**53.**	**210**	**810**	**190**	**120**	**110**
Other Inorganics																			
Cyanide	mg/kg	240	3.08	NA	NA	NA	NA	NA	NA	<0.68	<0.60	<0.58	<0.58	<0.59	**0.84**	**0.72**	**1.1**	<0.63	<0.58

Table 8. Soil Sample Analytical Results: Metals and Cyanide

		PRG (Health)	PRG (GW Protection)	TP-04-01	TP-04-02	TP-05-01	B16-02B (0-2)	B16-02B (2-4)	B16-02B (10-11)	B16-02B (15-16)	B16-03 (10-12)	B16-03 (15-16)	B16-04 (10-11)	B16-04 (15-16)	B18-01 (4-6)	B18-01 (8-10)	B18-01 (12-14)	B18-02 (8-10)	B19-03 (1-4)
				07/28/05 15:30	07/28/05 15:45	07/28/05 17:30	09/13/05 13:45	09/13/05 13:55	09/13/05 14:10	09/13/05 14:20	02/28/06 15:15	02/28/06 15:30	02/28/06 15:45	02/28/06 15:55	09/26/05 09:00	09/26/05 09:15	09/26/05 09:30	02/28/06 11:30	09/15/05 08:45
Metals																			
Antimony	mg/kg	6.2	0.4	**3.0**	<0.59	**0.40**	NA	NA	NA	NA	NA	NA	NA	NA	<0.59	<0.64	<0.53	NA	<0.57
Arsenic	mg/kg	6	6	**13.**	**0.43**	**1.7**	NA	NA	NA	NA	NA	NA	NA	NA	**1.1**	**1.6**	**0.33**	NA	**1.9**
Barium	mg/kg	1,080	309	**100**	**82.**	**95.**	NA	NA	NA	NA	NA	NA	NA	NA	**17.**	**64.**	**170**	NA	**260**
Beryllium	mg/kg	30	0.8	<0.11	<0.12	<0.10	NA	NA	NA	NA	NA	NA	NA	NA	**0.35**	**1.6**	**0.50**	**0.41**	**1.2**
Cadmium	mg/kg	7.4	0.1	**19.**	<0.12	<0.10	<0.11	<0.12	<0.12	<0.12	NA	NA	NA	NA	<0.12	<0.13	<0.11	NA	<0.11
Chromium	mg/kg	24,000	71	**310**	**36.**	**17.**	NA	NA	NA	NA	NA	NA	NA	NA	**30.**	**110**	**19.**	**30.**	**29.**
Chromium, Hexavalent	mg/kg	44	1	<5.38	<5.31	<5.76	NA	NA	NA	NA	NA	NA	NA	NA	<5.86	<6.80	<5.37	NA	**6.88**
Copper	mg/kg	620	78	**270**	**43.**	**32.**	NA	NA	NA	NA	NA	NA	NA	NA	**11.**	**110**	**40.**	**9.5**	**61.**
Lead	mg/kg	400	144	**400**	**15.**	**30.**	**39.**	**13.**	**40.**	**8.0**	**60.**	**2500**	**280**	**81.**	**4.5**	**19.**	**7.0**	NA	**13.**
Manganese	mg/kg	1,050	1,050	**2100**	**520**	**350**	NA	NA	NA	NA	NA	NA	NA	NA	**15.**	**320**	**230**	NA	**720**
Mercury	mg/kg	4.6	0.2	**0.074**	**0.055**	**0.24**	**0.10**	**0.12**	**0.085**	**0.11**	NA	NA	NA	NA	**0.11**	<0.0059	**0.016**	NA	<0.0062
Nickel	mg/kg	320	30	**260**	**14.**	**9.2**	NA	NA	NA	NA	NA	NA	NA	NA	**3.1**	**40.**	**11.**	**1.5**	**10.**
Selenium	mg/kg	78	1	<0.54	**3.1**	**1.3**	NA	NA	NA	NA	NA	NA	NA	NA	**0.22**	<0.64	<0.53	NA	<0.57
Silver	mg/kg	78	0.36	**0.67**	<0.24	<0.21	NA	NA	NA	NA	NA	NA	NA	NA	<0.23	<0.26	**0.043**	NA	<0.23
Thallium	mg/kg	1.04	0.8	**15.**	<1.2	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	<1.2	**0.55**	<1.1	NA	**0.22**
Zinc	mg/kg	4,600	262	**380**	**48.**	**55.**	NA	NA	NA	NA	NA	NA	NA	NA	**6.1**	**100**	**39.**	NA	**77.**
Other Inorganics																			
Cyanide	mg/kg	240	3.08	**0.93**	<0.61	<0.52	NA	NA	NA	NA	NA	NA	NA	NA	<0.59	<0.65	**8.4**	NA	<0.58

Table 8. Soil Sample Analytical Results: Metals and Cyanide

		PRG (Health)	PRG (GW Protection)	B19-03 (16-20)	B19-04 (1-3)	B19-04 (8-12)	B19-04 (20-22)	B19-05 (1-3)	B19-05 (16-18)	B19-06 (1-4)	B19-06 (5-8)	B19-06 (16.5-19.5)	AOC19 PIT NE	AOC19 PIT SW	B20-01 (3.5-4.0)	B20-02 (6-8)	B-21-01
				09/15/05 09:00	09/15/05 09:15	09/15/05 09:30	09/15/05 09:45	09/15/05 09:30	09/15/05 09:45	09/15/05 10:00	09/15/05 10:10	09/15/05 10:15	09/15/05 10:30	09/15/05 10:45	09/15/05 09:15	09/15/05 09:30	06/20/06 10:30
Metals																	
Antimony	mg/kg	6.2	0.4	<0.62	<0.58	<0.66	<0.69	<0.61	<0.52	<0.61	<0.62	<0.64	<0.58	<0.57	<0.61	<0.62	<0.62
Arsenic	mg/kg	6	6	**1.2**	**1.6**	**1.3**	**0.66**	**1.3**	**1.0**	**1.4**	**1.1**	**0.78**	**1.6**	**2.3**	**2.8**	**1.6**	**2.1**
Barium	mg/kg	1,080	309	**360**	**250**	**350**	**240**	**230**	**58.**	**250**	**280**	**190**	**140**	**150**	**120**	**53**	**74.**
Beryllium	mg/kg	30	0.8	**1.0**	**2.0**	**0.92**	**0.57**	**0.72**	**0.28**	**0.99**	**0.90**	**0.63**	<0.12	<0.11	**0.54**	**0.23**	**0.72**
Cadmium	mg/kg	7.4	0.1	<0.12	<0.12	<0.13	<0.14	<0.12	<0.10	<0.12	<0.12	<0.13	<0.12	<0.11	<0.12	<0.12	<0.12
Chromium	mg/kg	24,000	71	**2.8**	**21.**	**4.3**	**3.1**	**6.9**	**3.9**	**14.**	**19.**	**3.2**	**6.1**	**50.**	**15.**	**9.1**	**43.**
Chromium, Hexavalent	mg/kg	44	1	<6.80	<6.41	<6.57	<7.34	<6.14	<5.69	<6.30	<6.18	<6.38	NA	NA	NA	<6.48	<6.93
Copper	mg/kg	620	78	**60.**	**120**	**40.**	**28.**	**10.**	**7.1**	**33.**	**75.**	**83.**	**28.**	**82.**	**30.**	**17**	**38.**
Lead	mg/kg	400	144	**4.0**	**6.1**	**4.8**	**4.5**	**6.3**	**5.0**	**9.8**	**6.8**	**3.5**	**9.6**	**32.**	**4.0**	**7.1**	**21.**
Manganese	mg/kg	1,050	1,050	**600**	**1400**	**680**	**580**	**470**	**450**	**830**	**410**	**300**	**630**	**660**	**180**	**120**	**440**
Mercury	mg/kg	4.6	0.2	**0.029**	**0.0026**	<0.0056	**0.019**	<0.0059	**0.017**	**0.011**	**0.14**	**0.0024**	**1.2**	**1.6**	**0.014**	**0.039**	**0.057**
Nickel	mg/kg	320	30	**5.9**	**25.**	**3.9**	**3.3**	**4.3**	**4.6**	**6.2**	**5.7**	**4.7**	**5.3**	**22.**	**9.3**	**2.4**	**11.**
Selenium	mg/kg	78	1	<0.62	<0.58	<0.66	<0.69	<0.61	<0.52	<0.61	<0.62	<0.64	<0.58	<0.57	<0.61	<0.62	<0.62
Silver	mg/kg	78	0.36	<0.25	<0.23	<0.26	<0.28	<0.25	<0.21	**0.52**	<0.25	<0.26	<0.23	**0.26**	**6.3**	**0.073**	<0.25
Thallium	mg/kg	1.04	0.8	<1.2	<1.2	<1.3	<1.4	<1.2	**0.24**	<1.2	<1.2	<1.3	<1.2	<1.1	<1.2	<1.2	<1.2
Zinc	mg/kg	4,600	262	**110**	**230**	**82.**	**79.**	**58.**	**62.**	**49.**	**72.**	**65.**	**73.**	**98.**	**32.**	**15**	**43.**
Other Inorganics																	
Cyanide	mg/kg	240	3.08	<0.68	<0.65	<0.66	<0.73	<0.64	<0.55	**0.99**	<0.64	<0.65	NA	NA	NA	<0.68	**0.095**

Table 9. Soil Sample Analytical Results: TCLP

		PRG (GW Protection - TCLP)	B1-05 (1-2) 09/27/05 09:00	B1-05 (8-10) 09/27/05 09:15	B1-05 (14-16) 09/27/05 09:30	B1-06 (1-2) 09/27/05 11:00	B1-06 (8-10) 09/27/05 11:15	B2-03B (2.5-3.0) 09/26/05 15:30	B2-03B (4.0-4.5) 09/26/05 15:45	B2-04B (0-2) 09/26/05 14:45	B2-04B (4-6) 09/26/05 15:00	B2-05 (1-3) 09/26/05 16:00	B2-05 (3-5) 09/26/05 16:15	B2-05 (5-7) 09/26/05 16:30	B2-06 (1-3) 09/26/05 13:30	B2-06 (3-5) 09/26/05 13:45	B2-06 (5-7) 09/26/05 14:00	B2-07 (1-3) 09/26/05 14:15	B2-07 (3-5) 09/26/05 14:30	B2-07 (5-7) 09/26/05 14:45
Metals																				
Arsenic	mg/l	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/l	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/l	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/l	0.005	NA	NA	NA	NA	NA	NA	NA	<0.0050	**0.00064**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	mg/l	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/l	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/l	0.0011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/l	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/l	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls																				
PCB-1016 (Aroclor 1016)	mg/l	0.0005	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	mg/l	0.0005	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	mg/l	0.0005	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	mg/l	0.0005	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	mg/l	0.0005	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	mg/l	0.0005	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	mg/l	0.0005	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Volatile Organic Compounds																				
Benzene	mg/l	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/l	0.170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/l	0.075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/l	0.007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/l	0.00038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/l	0.00019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/l	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/l	0.0028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/l	0.000015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 9. Soil Sample Analytical Results: TCLP

		PRG (GW Protection - TCLP)	B2-08 (1-3) 09/27/05 11:30	B2-08 (3-5) 09/27/05 11:45	B2-08 (5-7) 09/27/05 12:00	B3-03 (0-2) 09/14/05 08:55	B3-03 (4-6) 09/14/05 09:05	B3-03 (8-10) 09/14/05 09:15	B3-03 (12-14) 09/14/05 09:25	B3-04 (0-2) 09/14/05 00:00	B3-04 (4-6) 09/14/05 00:00	B3-04 (8-10) 09/14/05 00:00	B3-04 (12-14) 09/14/05 00:00	B3-05 (0-2) 09/14/05 09:40	B3-05 (4-6) 09/14/05 09:50	B3-05 (8-10) 09/14/05 10:00	B3-05 (12-14) 09/14/05 10:10	B3-06 (0-2) 09/14/05 11:10	B3-06 (4-6) 09/14/05 11:20	B3-06 (8-10) 09/14/05 11:30
Metals																				
Arsenic	mg/l	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/l	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/l	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/l	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	mg/l	0.05	NA	NA	NA	**0.78**	**0.48**	**0.36**	**0.30**	**0.22**	**0.067**	**0.24**	**0.085**	<0.050	<0.050	<0.050	**0.16**	<0.050	<0.050	**0.29**
Lead	mg/l	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/l	0.0011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/l	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/l	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls																				
PCB-1016 (Aroclor 1016)	mg/l	0.0005	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	mg/l	0.0005	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	mg/l	0.0005	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	mg/l	0.0005	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	mg/l	0.0005	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	mg/l	0.0005	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/l	0.0005	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																				
Benzene	mg/l	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/l	0.170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/l	0.075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/l	0.007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/l	0.00038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/l	0.00019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/l	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/l	0.0028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/l	0.000015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 9. Soil Sample Analytical Results: TCLP

		PRG (GW Protection - TCLP)	B3-07 (0-2) 09/14/05 10:25	B3-07 (4-6) 09/14/05 10:35	B3-07 (8-10) 09/14/05 10:45	B3-07 (12-14) 09/14/05 10:55	B3-08 (0-1) 09/13/05 10:50	B3-08 (4-6) 09/13/05 11:10	B3-08 (8-10) 09/13/05 11:20	B3-08 (12-14) 09/13/05 11:30	B3-09 (0-1) 09/13/05 08:35	B3-09 (4-6) 09/13/05 08:45	B3-09 (8-10) 09/13/05 08:55	B3-09 (12-14) 09/13/05 09:05	B3-10 (0-1) 09/27/05 16:00	B3-10 (4-6) 09/27/05 16:15	B3-11 (0-1) 09/13/05 09:25	B3-11 (4-6) 09/13/05 09:35	B3-11 (8-10) 09/13/05 09:45	B3-11 (12-14) 09/13/05 09:55
Metals																				
Arsenic	mg/l	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/l	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/l	0.004	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/l	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	mg/l	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	**1.5**	<0.050	<0.050	<0.050	<0.050	**0.051**	<0.050	<0.050	<0.050	<0.050
Lead	mg/l	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/l	0.0011	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/l	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/l	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls																				
PCB-1016 (Aroclor 1016)	mg/l	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	mg/l	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	mg/l	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	mg/l	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	mg/l	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	mg/l	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/l	0.0005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																				
Benzene	mg/l	0.001	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/l	0.170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/l	0.075	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/l	0.007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/l	0.00038	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/l	0.00019	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/l	0.0007	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/l	0.0028	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/l	0.000015	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 9. Soil Sample Analytical Results: TCLP

		PRG (GW Protection - TCLP)	B-10-05 (SW) 06/20/06 11:30	B-10-06 (NW) 06/20/06 11:00	B11-01B (1.5-2.5) 09/29/05 08:45	B11-01B (6-7) 09/29/05 09:00	B11-01B (10-11) 09/29/05 09:15	B16-02B (0-2) 09/13/05 13:45	B16-02B (2-4) 09/13/05 13:55	B16-02B (10-11) 09/13/05 14:10	B16-02B (15-16) 09/13/05 14:20	B16-03 (10-12) 02/28/06 15:15	B16-03 (15-16) 02/28/06 15:30	B16-04 (10-11) 02/28/06 15:45	B16-04 (15-16) 02/28/06 15:55
Metals															
Arsenic	mg/l	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/l	2.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/l	0.004	NA	<0.0050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/l	0.005	NA	NA	<0.0050	<0.0050	<0.0050	**0.00060**	**0.00082**	**0.0031**	<0.0050	NA	NA	NA	NA
Chromium	mg/l	0.05	NA	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexavalent Chromium	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/l	0.015	NA	NA	NA	NA	NA	**0.014**	**0.018**	**0.64**	**0.020**	**0.014**	**0.16**	**0.046**	**0.070**
Mercury	mg/l	0.0011	**0.00032**	NA	NA	NA	NA	<0.00020	<0.00020	<0.00020	<0.00020	NA	NA	NA	NA
Nickel	mg/l	0.1	NA	<0.025	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/l	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/l	0.018	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls															
PCB-1016 (Aroclor 1016)	mg/l	0.0005	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	mg/l	0.0005	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	mg/l	0.0005	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	mg/l	0.0005	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	mg/l	0.0005	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	mg/l	0.0005	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/l	0.0005	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds															
Benzene	mg/l	0.001	NA	NA	<0.010	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	mg/l	0.170	NA	NA	**0.11**	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	mg/l	0.075	NA	NA	<0.0050	<0.0050	<0.0050	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	mg/l	0.007	NA	NA	<0.010	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	mg/l	0.00038	NA	NA	**0.021**	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	mg/l	NA	NA	NA	<0.010	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	mg/l	0.05	NA	NA	<0.010	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	mg/l	0.00019	NA	NA	<0.010	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	mg/l	0.0007	NA	NA	**0.056**	**0.023**	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	mg/l	0.0028	NA	NA	<0.010	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	mg/l	0.000015	NA	NA	<0.010	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA

Table 10. Ground-Water Sample Analytical Results: Volatile Organic Compounds

		PRG	MW-B1-02	MW-B2-04(S)	MW-B3-02(S)	MW-B4-02 (S)	MW-B4-02 (I)	MW-B4-02 (D)	MW-B4-06	MW-B4-12	MW-B6-02S	MW-B6-02S DUP	MW-B12-01	MW-B15-01	MW-B16-02	MW-B16-02 DUP	MW-B16-02B
			07/12/05 16:00	07/12/05 14:00	07/12/05 15:00	07/14/05 19:00	07/14/05 20:15	07/14/05 19:40	07/13/05 17:30	07/13/05 19:30	07/14/05 00:00	07/14/05 00:00	07/13/05 00:00	07/13/05 00:00	11/15/05 15:30	11/15/05 15:30	04/04/06 16:30
Volatile Organic Compounds																	
Acetone	ug/l	700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<25.
Benzene	ug/l	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	ug/l	170	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<5.0
n-Butylbenzene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	0.19	**0.91**	<1.0	**0.82**	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	**0.89**	**0.99**	<1.0	<1.0	<1.0
Chloromethane	ug/l	2.6	**2.2**	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane	ug/l	0.025	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane (EDB)	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	ug/l	600	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	75	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/l	700	**1.2**	<1.0	**1.7**	<1.0	<1.0	**0.68**	<100	<1.0	<1.0	<1.0	**1.9**	<1.0	**5.7**	**5.3**	**4.8**
1,2-Dichloroethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (Total)	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.5**	**2.1**	**11.**
1,1-Dichloroethene	ug/l	7	**4.1**	**0.52**	**5.7**	<1.0	**3.3**	**24.**	<100	<1.0	<1.0	<1.0	**4.1**	**33.**	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	ug/l	70	**0.85**	**0.47**	**0.86**	**1.4**	**0.79**	**4.8**	<100	**6.1**	**3.4**	**2.9**	**8.3**	**2.4**	**2.2**	**1.9**	**10.**
trans-1,2-Dichloroethene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**1.2**
1,2-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Diisopropyl ether	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	ug/l	29	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachloro-1,3-butadiene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene (Cumene)	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	ug/l	14	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride	ug/l	5	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl-tert-butyl ether	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	ug/l	21	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 10. Ground-Water Sample Analytical Results: Volatile Organic Compounds

		PRG	MW-B1-02	MW-B2-04(S)	MW-B3-02(S)	MW-B4-02 (S)	MW-B4-02 (I)	MW-B4-02 (D)	MW-B4-06	MW-B4-12	MW-B6-02S	MW-B6-02S DUP	MW-B12-01	MW-B15-01	MW-B16-02	MW-B16-02 DUP	MW-B16-02B
			07/12/05 16:00	07/12/05 14:00	07/12/05 15:00	07/14/05 19:00	07/14/05 20:15	07/14/05 19:40	07/13/05 17:30	07/13/05 19:30	07/14/05 00:00	07/14/05 00:00	07/13/05 00:00	07/13/05 00:00	11/15/05 15:30	11/15/05 15:30	04/04/06 16:30
1,1,1,2-Tetrachloroethane	ug/l	0.43	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	**0.47**	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	0.055	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	ug/l	0.7	**95.**	**1.5**	**45.**	**710**	**2.9**	**25.**	**9800**	**0.74**	**19.**	**18.**	**230**	**240**	<1.0	<1.0	**0.30**
Toluene	ug/l	1,000	<1.0	**1.1**	<1.0	<1.0	<1.0	**0.26**	<100	**0.56**	<1.0	<1.0	<1.0	**0.31**	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	ug/l	200	<1.0	<1.0	<1.0	**0.58**	<1.0	**0.82**	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	0.2	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	ug/l	2.8	**2.2**	**0.89**	**2.6**	**1.4**	<1.0	**2.8**	<100	<1.0	**2.2**	**1.9**	**7.2**	**3.8**	**0.75**	**0.88**	<1.0
Trichlorofluoromethane	ug/l	2,100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	ug/l	350	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	ug/l	350	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride	ug/l	0.015	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	**0.93**	<1.0	<1.0	<1.0	<1.0	**1.6**	**1.5**	**9.1**
Xylene (Total)	ug/l	530	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m&p-Xylene	ug/l	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<200	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 10. Ground-Water Sample Analytical Results: Volatile Organic Compounds

		PRG	MW-B21-10(I)	MW-B21-10 (I)	MW-B21-10 (I) DUP	MW-BG-B1(I)	MW-BG-B1(D)	MW-BG-B2(I)	MW-BG-B2(D)	MW-BG-B2(D)DUP	MW-BG-B3 (S)	MW-BG-B3 (I)	MW-BG-B3 (D)	MW-BG-B4 (S)	MW-BG-B4 (I)	MW-BG-B4 (D)	MW-BG-B4 (D) DUP
			11/15/05 12:15	04/03/06 16:15	04/03/06 16:15	07/11/05 20:00	07/11/05 21:00	07/12/05 10:00	07/12/05 10:30	07/12/05 10:30	07/12/05 18:30	07/12/05 15:30	07/12/05 18:00	07/13/05 19:00	07/13/05 18:30	07/13/05 15:00	07/13/05 15:00
Volatile Organic Compounds																	
Acetone	ug/l	700	NA	<25.	<25.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	ug/l	1	<10.	**0.38**	**0.38**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Bromobenzene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Bromochloromethane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Bromodichloromethane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Bromoform	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Bromomethane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
2-Butanone (MEK)	ug/l	170	NA	<5.0	<5.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
n-Butylbenzene	ug/l	70	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
sec-Butylbenzene	ug/l	70	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
tert-Butylbenzene	ug/l	70	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Carbon tetrachloride	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Chlorobenzene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Chloroethane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Chloroform	ug/l	0.19	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	**1.4**	**1.4**
Chloromethane	ug/l	2.6	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	**51.**	<1.0
2-Chlorotoluene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
4-Chlorotoluene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,2-Dibromo-3-chloropropane	ug/l	0.025	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Dibromochloromethane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,2-Dibromoethane (EDB)	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Dibromomethane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,2-Dichlorobenzene	ug/l	600	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	**0.60**	**0.49**	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,3-Dichlorobenzene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	75	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	**0.18**	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Dichlorodifluoromethane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,1-Dichloroethane	ug/l	700	**12.**	**12.**	**12.**	<1.0	<1.0	**0.45**	**11.**	**9.1**	**6.8**	**2.5**	<5.0	<500	<20.	**2.1**	**2.0**
1,2-Dichloroethane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,2-Dichloroethene (Total)	ug/l	NA	**1600**	**3300**	**3300**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethene	ug/l	7	**5.5**	**9.8**	**9.3**	<1.0	<1.0	**1.3**	**33.**	**27.**	**0.54**	<1.0	<5.0	<500	<20.	**7.0**	**6.5**
cis-1,2-Dichloroethene	ug/l	70	**1600**	**3300**	**3200**	<1.0	<1.0	**1.0**	**3.1**	**2.3**	**57.**	**64.**	**180**	**58000**	**1500**	**520**	**400**
trans-1,2-Dichloroethene	ug/l	70	**14.**	**33.**	**30.**	<1.0	<1.0	<1.0	<1.0	<1.0	**26.**	**4.9**	**19.**	<500	<20.	**15.**	**14.**
1,2-Dichloropropane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,3-Dichloropropane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
2,2-Dichloropropane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,1-Dichloropropene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Diisopropyl ether	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Ethylbenzene	ug/l	29	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Hexachloro-1,3-butadiene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Isopropylbenzene (Cumene)	ug/l	70	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
p-Isopropyltoluene	ug/l	14	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Methylene chloride	ug/l	5	<20.	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10.	<1000	<40.	<2.0	<2.0
Methyl-tert-butyl ether	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Naphthalene	ug/l	21	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
n-Propylbenzene	ug/l	70	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Styrene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0

Table 10. Ground-Water Sample Analytical Results: Volatile Organic Compounds

		PRG	MW-B21-10(I)	MW-B21-10 (I)	MW-B21-10 (I) DUP	MW-BG-B1(I)	MW-BG-B1(D)	MW-BG-B2(I)	MW-BG-B2(D)	MW-BG-B2(D)DUP	MW-BG-B3 (S)	MW-BG-B3 (I)	MW-BG-B3 (D)	MW-BG-B4 (S)	MW-BG-B4 (I)	MW-BG-B4 (D)	MW-BG-B4 (D) DUP
			11/15/05 12:15	04/03/06 16:15	04/03/06 16:15	07/11/05 20:00	07/11/05 21:00	07/12/05 10:00	07/12/05 10:30	07/12/05 10:30	07/12/05 18:30	07/12/05 15:30	07/12/05 18:00	07/13/05 19:00	07/13/05 18:30	07/13/05 15:00	07/13/05 15:00
1,1,1,2-Tetrachloroethane	ug/l	0.43	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	0.055	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Tetrachloroethene	ug/l	0.7	**180**	**200**	**200**	**0.40**	<1.0	**1.8**	**14.**	**12.**	**0.33**	**140**	**340**	**53000**	**2200**	**300**	**230**
Toluene	ug/l	1,000	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	**0.55**	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,2,3-Trichlorobenzene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,1,1-Trichloroethane	ug/l	200	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	0.2	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Trichloroethene	ug/l	2.8	**66.**	**83.**	**81.**	<1.0	<1.0	**1.6**	**12.**	**10.**	<1.0	**35.**	**180**	**14000**	**310**	**81.**	**75.**
Trichlorofluoromethane	ug/l	2,100	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,2,3-Trichloropropane	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,2,4-Trimethylbenzene	ug/l	350	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
1,3,5-Trimethylbenzene	ug/l	350	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0
Vinyl chloride	ug/l	0.015	**170**	**380**	**380**	<1.0	<1.0	<1.0	<1.0	<1.0	**17.**	**9.4**	<5.0	**1600**	**49.**	<1.0	<1.0
Xylene (Total)	ug/l	530	**1.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**2.0**	<1.0	<1.0
m&p-Xylene	ug/l	NA	<20.	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<10.	<1000	<40.	<2.0	<2.0
o-Xylene	ug/l	NA	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<500	<20.	<1.0	<1.0

Table 10. Ground-Water Sample Analytical Results: Volatile Organic Compounds

		PRG	MW-BG-B5 (S)	MW-BG-B5I	MW-BG-B5D	MW-BG-B5 (XD)	MW-BG-B5 (XD)	MW-BG-B6 (D)	MW-BG-B6 (D)	MW-BG-B6 (D) DUP	MW-BG-B7 (D)	MW-BG-B7 (D) DUP	MW-BG-B7 (D)	PUMP BLANK	BAILER BLANK	BAILER BLANK	TRIP BLANK
			07/14/05 15:45	07/14/05 00:00	07/14/05 00:00	11/17/05 08:30	04/06/06 10:15	11/16/05 13:30	04/05/06 14:15	04/05/06 14:15	11/17/05 12:00	11/17/05 12:00	04/04/06 14:30	07/12/05 11:00	07/14/05 18:00	04/04/06 17:00	07/11/05 00:00
Volatile Organic Compounds																	
Acetone	ug/l	700	NA	NA	NA	NA	<25.	NA	<25.	<25.	NA	NA	<25.	NA	NA	<25.	NA
Benzene	ug/l	1	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	ug/l	170	NA	NA	NA	NA	<5.0	NA	<5.0	<5.0	NA	NA	<5.0	NA	NA	<5.0	NA
n-Butylbenzene	ug/l	70	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	ug/l	70	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	ug/l	70	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	0.19	<1.0	<10.	<10.	<10.	**0.56**	**8.8**	**9.2**	**9.2**	**0.55**	**0.55**	**0.59**	<1.0	<1.0	<1.0	<1.0
Chloromethane	ug/l	2.6	<1.0	<10.	<10.	<10.	<1.0	**0.96**	<1.0	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0	<1.0	<1.0
2-Chlorotoluene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane	ug/l	0.025	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane (EDB)	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	ug/l	600	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	75	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/l	700	<1.0	<10.	<10.	<10.	**0.92**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (Total)	ug/l	NA	NA	NA	NA	**460**	**530**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	NA	NA	<1.0	NA
1,1-Dichloroethene	ug/l	7	<1.0	**3.9**	<10.	**4.7**	**4.6**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	ug/l	70	**53.**	**490**	**510**	**450**	**520**	<1.0	**0.36**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	ug/l	70	**0.66**	<10.	<10.	**5.1**	**7.1**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Diisopropyl ether	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	ug/l	29	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachloro-1,3-butadiene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene (Cumene)	ug/l	70	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	ug/l	14	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride	ug/l	5	<2.0	<20.	<20.	<20.	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl-tert-butyl ether	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	ug/l	21	<1.0	<10.	**9.6**	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene	ug/l	70	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 10. Ground-Water Sample Analytical Results: Volatile Organic Compounds

		PRG	MW-BG-B5 (S)	MW-BG-B5I	MW-BG-B5D	MW-BG-B5 (XD)	MW-BG-B5 (XD)	MW-BG-B6 (D)	MW-BG-B6 (D)	MW-BG-B6 (D) DUP	MW-BG-B7 (D)	MW-BG-B7 (D) DUP	MW-BG-B7 (D)	PUMP BLANK	BAILER BLANK	BAILER BLANK	TRIP BLANK
			07/14/05 15:45	07/14/05 00:00	07/14/05 00:00	11/17/05 08:30	04/06/06 10:15	11/16/05 13:30	04/05/06 14:15	04/05/06 14:15	11/17/05 12:00	11/17/05 12:00	04/04/06 14:30	07/12/05 11:00	07/14/05 18:00	04/04/06 17:00	07/11/05 00:00
1,1,1,2-Tetrachloroethane	ug/l	0.43	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	0.055	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	ug/l	0.7	**71.**	**800**	**800**	**990**	**920**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	ug/l	1,000	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.62**	<1.0	<1.0	**0.27**
1,2,3-Trichlorobenzene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	ug/l	200	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	0.2	<1.0	<10.	<10.	<10.	**0.30**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	ug/l	2.8	**14.**	**100**	**97.**	**110**	**140**	<1.0	<1.0	<1.0	**0.73**	**0.54**	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	ug/l	2,100	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	ug/l	350	<1.0	<10.	**2.0**	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	ug/l	350	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride	ug/l	0.015	<1.0	**6.2**	<10.	**9.6**	**11.**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (Total)	ug/l	530	<1.0	**1.4**	**3.8**	**1.3**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m&p-Xylene	ug/l	NA	<2.0	<20.	<20.	<20.	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	ug/l	NA	<1.0	<10.	<10.	<10.	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 10. Ground-Water Sample Analytical Results: Volatile Organic Compounds

		PRG	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
			07/12/05 00:00	07/13/05 00:00	07/14/05 00:00	07/14/05 00:00	11/17/05 00:00
Volatile Organic Compounds							
Acetone	ug/l	700	NA	NA	NA	NA	NA
Benzene	ug/l	1	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	ug/l	170	NA	NA	NA	NA	NA
n-Butylbenzene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	0.19	<1.0	<1.0	<1.0	<1.0	<1.0
Chloromethane	ug/l	2.6	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
4-Chlorotoluene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromo-3-chloropropane	ug/l	0.025	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane (EDB)	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	ug/l	600	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	75	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/l	700	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (Total)	ug/l	NA	NA	NA	NA	NA	<1.0
1,1-Dichloroethene	ug/l	7	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0
trans-1,2-Dichloroethene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Diisopropyl ether	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	ug/l	29	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachloro-1,3-butadiene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene (Cumene)	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	ug/l	14	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride	ug/l	5	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl-tert-butyl ether	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	ug/l	21	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene	ug/l	70	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0

Table 10. Ground-Water Sample Analytical Results: Volatile Organic Compounds

		PRG	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK	TRIP BLANK
			07/12/05 00:00	07/13/05 00:00	07/14/05 00:00	07/14/05 00:00	11/17/05 00:00
1,1,1,2-Tetrachloroethane	ug/l	0.43	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	0.055	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	ug/l	0.7	<1.0	<1.0	<1.0	<1.0	<1.0
Toluene	ug/l	1,000	**0.37**	**0.24**	**0.26**	<1.0	**0.89**
1,2,3-Trichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	ug/l	200	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	0.2	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	ug/l	2.8	<1.0	<1.0	<1.0	<1.0	<1.0
Trichlorofluoromethane	ug/l	2,100	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	ug/l	350	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	ug/l	350	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride	ug/l	0.015	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (Total)	ug/l	530	<1.0	<1.0	<1.0	<1.0	<1.0
m&p-Xylene	ug/l	NA	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0

Table 11. Ground-Water Sample Analytical Results: Semivolatile Organic Compounds

		PRG	MW-B1-02	MW-B2-04(S)	MW-B3-02(S)	MW-B4-02 (S)	MW-B4-02 (I)	MW-B4-02 (D)	MW-B4-06	MW-B4-12	MW-B6-02S	MW-B6-02S DUP	MW-B12-01	MW-B15-01	MW-B16-02	MW-B16-02 DUP	MW-B16-02B
			07/12/05 16:00	07/12/05 14:00	07/12/05 15:00	07/14/05 19:00	07/14/05 20:15	07/14/05 19:40	07/13/05 17:30	07/13/05 19:30	07/14/05 00:00	07/14/05 00:00	07/13/05 00:00	07/13/05 00:00	11/15/05 15:30	11/15/05 15:30	04/04/06 16:30
Semivolatile Organic Compounds																	
Acenaphthene	ug/l	80	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Acenaphthylene	ug/l	210	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Aniline	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Anthracene	ug/l	2,100	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Benzo(k)fluoranthene	ug/l	0.479	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Benzo(b)fluoranthene	ug/l	0.0479	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Benzo(a)anthracene	ug/l	0.0479	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Benzoic acid	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
Benzo(g,h,i)perylene	ug/l	210	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Benzyl alcohol	ug/l	NA	<22.	<21.	<22.	<20.	<20.	<22.	<22.	<23.	<22.	<22.	<21.	<20.	<21.	<20.	<21.
Benzo(a)pyrene	ug/l	0.00479	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
4-Bromophenylphenyl ether	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Butylbenzylphthalate	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
4-Chloro-3-methylphenol	ug/l	NA	<22.	<21.	<22.	<20.	<20.	<22.	<22.	<23.	<22.	<22.	<21.	<20.	<21.	<20.	<21.
4-Chloroaniline	ug/l	NA	<22.	<21.	<22.	<20.	<20.	<22.	<22.	<23.	<22.	<22.	<21.	<20.	<21.	<20.	<21.
bis(2-Chloroethoxy)methane	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
bis(2-Chloroethyl) ether	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
bis(2-Chloroisopropyl) ether	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
2-Chloronaphthalene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
2-Chlorophenol	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
4-Chlorophenylphenyl ether	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Chrysene	ug/l	4.79	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Dibenz(a,h)anthracene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Dibenzofuran	ug/l	2.4	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
1,2-Dichlorobenzene	ug/l	600	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
1,3-Dichlorobenzene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
1,4-Dichlorobenzene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
3,3'-Dichlorobenzidine	ug/l	NA	<22.	<21.	<22.	<20.	<20.	<22.	<22.	<23.	<22.	<22.	<21.	<20.	<21.	<20.	<21.
2,4-Dichlorophenol	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Diethylphthalate	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
2,4-Dimethylphenol	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Dimethylphthalate	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Di-n-butylphthalate	ug/l	700	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	**7.4**	**8.3**	<11.
4,6-Dinitro-2-methylphenol	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
2,4-Dinitrophenol	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
2,4-Dinitrotoluene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
2,6-Dinitrotoluene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Di-n-octylphthalate	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
1,2-Diphenylhydrazine	ug/l	NA	<22.	<21.	<22.	<20.	<20.	<22.	<22.	<23.	<22.	<22.	<21.	<20.	<21.	<20.	<21.
bis(2-Ethylhexyl)phthalate	ug/l	3	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Fluoranthene	ug/l	280	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Fluorene	ug/l	280	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Hexachloro-1,3-butadiene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Hexachlorobenzene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Hexachlorocyclopentadiene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Hexachloroethane	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.

Table 11. Ground-Water Sample Analytical Results: Semivolatile Organic Compounds

		PRG	MW-B1-02	MW-B2-04(S)	MW-B3-02(S)	MW-B4-02 (S)	MW-B4-02 (I)	MW-B4-02 (D)	MW-B4-06	MW-B4-12	MW-B6-02S	MW-B6-02S DUP	MW-B12-01	MW-B15-01	MW-B16-02	MW-B16-02 DUP	MW-B16-02B
			07/12/05 16:00	07/12/05 14:00	07/12/05 15:00	07/14/05 19:00	07/14/05 20:15	07/14/05 19:40	07/13/05 17:30	07/13/05 19:30	07/14/05 00:00	07/14/05 00:00	07/13/05 00:00	07/13/05 00:00	11/15/05 15:30	11/15/05 15:30	04/04/06 16:30
Indeno(1,2,3-cd)pyrene	ug/l	0.0479	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Isophorone	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
1-Methylnaphthalene	ug/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<11.
2-Methylnaphthalene	ug/l	14	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
2-Methylphenol (o-Cresol)	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
3&4-Methylphenol	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Naphthalene	ug/l	21	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
2-Nitroaniline	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
3-Nitroaniline	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
4-Nitroaniline	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
Nitrobenzene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
2-Nitrophenol	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
4-Nitrophenol	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
N-Nitrosodimethylamine	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
N-Nitroso-di-n-propylamine	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
N-Nitrosodiphenylamine	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Pentachlorophenol	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
Phenanthrene	ug/l	210	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Phenol	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
Pyrene	ug/l	210	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
1,2,4-Trichlorobenzene	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.
2,4,5-Trichlorophenol	ug/l	NA	<54.	<53.	<54.	<51.	<51.	<56.	<56.	<58.	<56.	<54.	<52.	<51.	<52.	<51.	<53.
2,4,6-Trichlorophenol	ug/l	NA	<11.	<11.	<11.	<10.	<10.	<11.	<11.	<12.	<11.	<11.	<10.	<10.	<10.	<10.	<11.

Table 11. Ground-Water Sample Analytical Results: Semivolatile Organic Compounds

		PRG	MW-B21-10(I)	MW-B21-10 (I)	MW-B21-10 (I) DUP	MW-BG-B1(I)	MW-BG-B1(D)	MW-BG-B2(I)	MW-BG-B2(D)	MW-BG-B2(D)DUP	MW-BG-B3 (S)	MW-BG-B3 (I)	MW-BG-B3 (D)	MW-BG-B4 (S)	MW-BG-B4 (I)	MW-BG-B4 (D)	MW-BG-B4 (D) DUP
			11/15/05 12:15	04/03/06 16:15	04/03/06 16:15	07/11/05 20:00	07/11/05 21:00	07/12/05 10:00	07/12/05 10:30	07/12/05 10:30	07/12/05 18:30	07/12/05 15:30	07/12/05 18:00	07/13/05 19:00	07/13/05 18:30	07/13/05 15:00	07/13/05 15:00
Semivolatile Organic Compounds																	
Acenaphthene	ug/l	80	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Acenaphthylene	ug/l	210	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Aniline	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Anthracene	ug/l	2,100	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Benzo(k)fluoranthene	ug/l	0.479	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Benzo(b)fluoranthene	ug/l	0.0479	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Benzo(a)anthracene	ug/l	0.0479	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Benzoic acid	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
Benzo(g,h,i)perylene	ug/l	210	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Benzyl alcohol	ug/l	NA	<2.0	<22.	<22.	<20.	<21.	<20.	<21.	<22.	<20.	<20.	<21.	<21.	<21.	<22.	<22.
Benzo(a)pyrene	ug/l	0.00479	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
4-Bromophenylphenyl ether	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Butylbenzylphthalate	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
4-Chloro-3-methylphenol	ug/l	NA	<2.0	<22.	<22.	<20.	<21.	<20.	<21.	<22.	<20.	<20.	<21.	<21.	<21.	<22.	<22.
4-Chloroaniline	ug/l	NA	<2.0	<22.	<22.	<20.	<21.	<20.	<21.	<22.	<20.	<20.	<21.	<21.	<21.	<22.	<22.
bis(2-Chloroethoxy)methane	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
bis(2-Chloroethyl) ether	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
bis(2-Chloroisopropyl) ether	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
2-Chloronaphthalene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
2-Chlorophenol	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
4-Chlorophenylphenyl ether	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Chrysene	ug/l	4.79	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Dibenz(a,h)anthracene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Dibenzofuran	ug/l	2.4	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
1,2-Dichlorobenzene	ug/l	600	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	**2.2**	<11.	<11.	<11.
1,3-Dichlorobenzene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
1,4-Dichlorobenzene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
3,3'-Dichlorobenzidine	ug/l	NA	<2.0	<22.	<22.	<20.	<21.	<20.	<21.	<22.	<20.	<20.	<21.	<21.	<21.	<22.	<22.
2,4-Dichlorophenol	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Diethylphthalate	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
2,4-Dimethylphenol	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Dimethylphthalate	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Di-n-butylphthalate	ug/l	700	**0.63**	<11.	<11.	**2.4**	**2.6**	**2.6**	**3.1**	<11.	<10.	**2.5**	**2.7**	<10.	<11.	<11.	<11.
4,6-Dinitro-2-methylphenol	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
2,4-Dinitrophenol	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
2,4-Dinitrotoluene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
2,6-Dinitrotoluene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Di-n-octylphthalate	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
1,2-Diphenylhydrazine	ug/l	NA	<2.0	<22.	<22.	<20.	<21.	<20.	<21.	<22.	<20.	<20.	<21.	<21.	<21.	<22.	<22.
bis(2-Ethylhexyl)phthalate	ug/l	3	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Fluoranthene	ug/l	280	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Fluorene	ug/l	280	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Hexachloro-1,3-butadiene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Hexachlorobenzene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Hexachlorocyclopentadiene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Hexachloroethane	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.

Table 11. Ground-Water Sample Analytical Results: Semivolatile Organic Compounds

		PRG	MW-B21-10(I)	MW-B21-10 (I)	MW-B21-10 (I) DUP	MW-BG-B1(I)	MW-BG-B1(D)	MW-BG-B2(I)	MW-BG-B2(D)	MW-BG-B2(D)DUP	MW-BG-B3 (S)	MW-BG-B3 (I)	MW-BG-B3 (D)	MW-BG-B4 (S)	MW-BG-B4 (I)	MW-BG-B4 (D)	MW-BG-B4 (D) DUP
			11/15/05 12:15	04/03/06 16:15	04/03/06 16:15	07/11/05 20:00	07/11/05 21:00	07/12/05 10:00	07/12/05 10:30	07/12/05 10:30	07/12/05 18:30	07/12/05 15:30	07/12/05 18:00	07/13/05 19:00	07/13/05 18:30	07/13/05 15:00	07/13/05 15:00
Indeno(1,2,3-cd)pyrene	ug/l	0.0479	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Isophorone	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
1-Methylnaphthalene	ug/l	NA	NA	<11.	<11.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ug/l	14	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
2-Methylphenol (o-Cresol)	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
3&4-Methylphenol	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Naphthalene	ug/l	21	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
2-Nitroaniline	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
3-Nitroaniline	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
4-Nitroaniline	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
Nitrobenzene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
2-Nitrophenol	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
4-Nitrophenol	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
N-Nitrosodimethylamine	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
N-Nitroso-di-n-propylamine	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
N-Nitrosodiphenylamine	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Pentachlorophenol	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
Phenanthrene	ug/l	210	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Phenol	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
Pyrene	ug/l	210	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
1,2,4-Trichlorobenzene	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.
2,4,5-Trichlorophenol	ug/l	NA	<5.1	<54.	<54.	<50.	<52.	<50.	<53.	<55.	<51.	<50.	<52.	<52.	<53.	<56.	<54.
2,4,6-Trichlorophenol	ug/l	NA	<1.0	<11.	<11.	<10.	<10.	<10.	<11.	<11.	<10.	<10.	<10.	<10.	<11.	<11.	<11.

Table 11. Ground-Water Sample Analytical Results: Semivolatile Organic Compounds

		PRG	MW-BG-B5 (S)	MW-BG-B5I	MW-BG-B5D	MW-BG-B5 (XD)	MW-BG-B5 (XD)	MW-BG-B6 (D)	MW-BG-B6 (D)	MW-BG-B6 (D) DUP	MW-BG-B7 (D)	MW-BG-B7 (D) DUP	MW-BG-B7 (D)	PUMP BLANK	BAILER BLANK	BAILER BLANK
			07/14/05 15:45	07/14/05 00:00	07/14/05 00:00	11/17/05 08:30	04/06/06 10:15	11/16/05 13:30	04/05/06 14:15	04/05/06 14:15	11/17/05 12:00	11/17/05 12:00	04/04/06 14:30	07/12/05 11:00	07/14/05 18:00	04/04/06 17:00
Semivolatile Organic Compounds																
Acenaphthene	ug/l	80	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Acenaphthylene	ug/l	210	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Aniline	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Anthracene	ug/l	2,100	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Benzo(k)fluoranthene	ug/l	0.479	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Benzo(b)fluoranthene	ug/l	0.0479	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Benzo(a)anthracene	ug/l	0.0479	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Benzoic acid	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
Benzo(g,h,i)perylene	ug/l	210	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Benzyl alcohol	ug/l	NA	<21.	<21.	<21.	<21.	<22.	<20.	<21.	<20.	<21.	<20.	<22.	<22.	<22.	<21.
Benzo(a)pyrene	ug/l	0.00479	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
4-Bromophenylphenyl ether	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Butylbenzylphthalate	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
4-Chloro-3-methylphenol	ug/l	NA	<21.	<21.	<21.	<21.	<22.	<20.	<21.	<20.	<21.	<20.	<22.	<22.	<22.	<21.
4-Chloroaniline	ug/l	NA	<21.	<21.	<21.	<21.	<22.	<20.	<21.	<20.	<21.	<20.	<22.	<22.	<22.	<21.
bis(2-Chloroethoxy)methane	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
bis(2-Chloroethyl) ether	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
bis(2-Chloroisopropyl) ether	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
2-Chloronaphthalene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
2-Chlorophenol	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
4-Chlorophenylphenyl ether	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Chrysene	ug/l	4.79	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Dibenz(a,h)anthracene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Dibenzofuran	ug/l	2.4	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
1,2-Dichlorobenzene	ug/l	600	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
1,3-Dichlorobenzene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
1,4-Dichlorobenzene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
3,3'-Dichlorobenzidine	ug/l	NA	<21.	<21.	<21.	<21.	<22.	<20.	<21.	<20.	<21.	<20.	<22.	<22.	<22.	<21.
2,4-Dichlorophenol	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Diethylphthalate	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
2,4-Dimethylphenol	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Dimethylphthalate	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Di-n-butylphthalate	ug/l	700	<10.	<10.	<11.	**4.0**	<11.	**2.5**	<11.	<10.	**4.1**	**4.6**	<11.	**3.3**	<11.	<11.
4,6-Dinitro-2-methylphenol	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
2,4-Dinitrophenol	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
2,4-Dinitrotoluene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
2,6-Dinitrotoluene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Di-n-octylphthalate	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
1,2-Diphenylhydrazine	ug/l	NA	<21.	<21.	<21.	<21.	<22.	<20.	<21.	<20.	<21.	<20.	<22.	<22.	<22.	<21.
bis(2-Ethylhexyl)phthalate	ug/l	3	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Fluoranthene	ug/l	280	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Fluorene	ug/l	280	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Hexachloro-1,3-butadiene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Hexachlorobenzene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Hexachlorocyclopentadiene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Hexachloroethane	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.

Table 11. Ground-Water Sample Analytical Results: Semivolatile Organic Compounds

		PRG	MW-BG-B5 (S)	MW-BG-B5I	MW-BG-B5D	MW-BG-B5 (XD)	MW-BG-B5 (XD)	MW-BG-B6 (D)	MW-BG-B6 (D)	MW-BG-B6 (D) DUP	MW-BG-B7 (D)	MW-BG-B7 (D) DUP	MW-BG-B7 (D)	PUMP BLANK	BAILER BLANK	BAILER BLANK
			07/14/05 15:45	07/14/05 00:00	07/14/05 00:00	11/17/05 08:30	04/06/06 10:15	11/16/05 13:30	04/05/06 14:15	04/05/06 14:15	11/17/05 12:00	11/17/05 12:00	04/04/06 14:30	07/12/05 11:00	07/14/05 18:00	04/04/06 17:00
Indeno(1,2,3-cd)pyrene	ug/l	0.0479	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Isophorone	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
1-Methylnaphthalene	ug/l	NA	NA	NA	NA	NA	<11.	NA	<11.	<10.	NA	NA	<11.	NA	NA	<11.
2-Methylnaphthalene	ug/l	14	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
2-Methylphenol (o-Cresol)	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
3&4-Methylphenol	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Naphthalene	ug/l	21	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
2-Nitroaniline	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
3-Nitroaniline	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
4-Nitroaniline	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
Nitrobenzene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
2-Nitrophenol	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
4-Nitrophenol	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
N-Nitrosodimethylamine	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
N-Nitroso-di-n-propylamine	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
N-Nitrosodiphenylamine	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Pentachlorophenol	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
Phenanthrene	ug/l	210	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Phenol	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
Pyrene	ug/l	210	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
1,2,4-Trichlorobenzene	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.
2,4,5-Trichlorophenol	ug/l	NA	<52.	<52.	<53.	<52.	<55.	<51.	<53.	<50.	<53.	<51.	<54.	<54.	<54.	<53.
2,4,6-Trichlorophenol	ug/l	NA	<10.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<10.	<11.	<11.	<11.	<11.

Table 12. Ground-Water Sample Analytical Results: Metals, Cyanide and PCBs

		PRG	MW-B1-02	MW-B2-04(S)	MW-B3-02(S)	MW-B4-02 (S)	MW-B4-02 (I)	MW-B4-02 (D)	MW-B4-06	MW-B4-12	MW-B6-02S	MW-B6-02S DUP	MW-B12-01
			07/12/05 16:00	**07/12/05 14:00**	**07/12/05 15:00**	**07/14/05 19:00**	**07/14/05 20:15**	**07/14/05 19:40**	**07/13/05 17:30**	**07/13/05 19:30**	**07/14/05 00:00**	**07/14/05 00:00**	**07/13/05 00:00**
Metals													
Antimony, 3030C	mg/l	0.006	**0.019**	**0.0029**	**0.0046**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Arsenic, 3030C	mg/l	0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium, 3030C	mg/l	2.0	**0.30**	**0.059**	**0.063**	**0.081**	**0.31**	**0.061**	**0.84**	**0.15**	**0.024**	**0.022**	**0.13**
Beryllium, 3030C	mg/l	0.004	<0.0010	<0.0010	<0.0010	**0.00047**	**0.0015**	**0.00059**	**0.0020**	**0.00038**	**0.00040**	**0.00050**	<0.0010
Cadmium, 3030C	mg/l	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chromium, 3030C	mg/l	0.05	**1.6**	**0.0012**	**0.022**	**0.0021**	**0.10**	**0.049**	**0.066**	<0.0020	**0.0031**	**0.0025**	**0.014**
Chromium, Hexavalent	mg/l	0.05	**2.0**	<0.050	<0.050	<0.050	**0.019**	**0.011**	<0.25	<0.050	<0.050	<0.050	<0.050
Copper, 3030C	mg/l	1.0	**0.073**	<0.0020	**0.011**	<0.0020	**0.073**	**0.057**	**0.066**	<0.0020	<0.0020	<0.0020	**0.050**
Lead, 3030C	mg/l	0.015	**0.0012**	**0.00093**	<0.0050	<0.0050	**0.0096**	**0.0058**	**0.032**	<0.0050	<0.0050	<0.0050	**0.0031**
Manganese, 3030C	mg/l	0.96	**1.6**	**0.011**	**0.12**	**0.045**	**2.0**	**0.60**	**1.4**	**6.5**	**0.0085**	**0.0051**	**0.66**
Mercury	mg/l	0.0011	<0.00020	**0.00059**	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Nickel, 3030C	mg/l	0.1	**0.11**	**0.0011**	**0.0053**	**0.0013**	**0.055**	**0.051**	**0.11**	**0.0029**	**0.00070**	<0.0050	**0.016**
Selenium, 3030C	mg/l	0.05	**0.0077**	**0.0029**	**0.0034**	**0.0018**	<0.0050	**0.0037**	**0.010**	**0.0054**	**0.0055**	**0.0051**	**0.0022**
Silver, 3030C	mg/l	0.018	**0.0014**	**0.0014**	<0.0020	<0.0020	<0.0020	**0.0028**	**0.0012**	<0.0020	**0.0017**	<0.0020	**0.0046**
Thallium, 3030C	mg/l	0.002	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc, 3030C	mg/l	2.1	**0.16**	**0.021**	**0.032**	<0.010	**0.11**	**0.16**	**0.10**	**0.011**	**0.0068**	<0.010	**0.046**
Other Inorganics													
Cyanide	mg/l	0.154	**0.0030**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0010**	<0.0050
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: Metals, Cyanide and PCBs

		PRG	MW-B15-01	MW-B16-02	MW-B16-02 DUP	MW-B16-02B	MW-B21-10(I)	MW-B21-10 (I)	MW-B21-10 (I) DUP	MW-BG-B1(I)	MW-BG-B1(D)	MW-BG-B2(I)	MW-BG-B2(D)
			07/13/05 00:00	**11/15/05 15:30**	**11/15/05 15:30**	**04/04/06 16:30**	**11/15/05 12:15**	**04/03/06 16:15**	**04/03/06 16:15**	**07/11/05 20:00**	**07/11/05 21:00**	**07/12/05 10:00**	**07/12/05 10:30**
Metals													
Antimony, 3030C	mg/l	0.006	**0.0016**	<0.0050	**0.0019**	<0.0050	<0.0050	<0.0050	<0.0050	**0.0023**	**0.0018**	**0.0031**	**0.0027**
Arsenic, 3030C	mg/l	0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium, 3030C	mg/l	2.0	**1.4**	**1.2**	**0.99**	**0.76**	**0.10**	**0.060**	**0.061**	**0.063**	**0.064**	**0.059**	**0.070**
Beryllium, 3030C	mg/l	0.004	<0.0010	<0.0010	<0.0010	**0.0013**	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Cadmium, 3030C	mg/l	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.00060**	<0.0010
Chromium, 3030C	mg/l	0.05	**0.10**	**0.18**	**0.092**	**0.061**	**0.020**	**0.0039**	**0.0042**	**0.0026**	**0.0014**	**0.0038**	**0.0043**
Chromium, Hexavalent	mg/l	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Copper, 3030C	mg/l	1.0	**0.34**	**0.18**	**0.089**	**0.057**	**0.052**	**0.0030**	**0.0046**	<0.0020	<0.0020	<0.0020	<0.0020
Lead, 3030C	mg/l	0.015	**0.028**	**0.041**	**0.022**	**0.020**	**0.0015**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0011**
Manganese, 3030C	mg/l	0.96	**3.1**	**3.9**	**2.3**	**1.7**	**2.8**	**2.7**	**2.7**	**0.012**	**0.049**	**0.69**	**0.21**
Mercury	mg/l	0.0011	<0.00020	**0.00018**	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Nickel, 3030C	mg/l	0.1	**0.11**	**0.12**	**0.050**	**0.038**	**0.052**	**0.016**	**0.018**	**0.0028**	**0.0040**	**0.0014**	**0.0045**
Selenium, 3030C	mg/l	0.05	**0.015**	**0.0087**	**0.0062**	**0.0011**	**0.0038**	**0.0036**	<0.0050	**0.0033**	**0.0026**	**0.0048**	**0.0042**
Silver, 3030C	mg/l	0.018	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	**0.0020**	<0.0020	<0.0020	**0.0022**	<0.0020	<0.0020
Thallium, 3030C	mg/l	0.002	<0.010	<0.010	<0.010	<0.010	<0.010	**0.069**	**0.0051**	**0.0044**	<0.010	**0.0014**	<0.010
Zinc, 3030C	mg/l	2.1	**0.34**	**0.14**	**0.073**	**0.082**	**0.10**	**0.037**	**0.034**	**0.025**	**0.028**	**0.012**	**0.028**
Other Inorganics													
Cyanide	mg/l	0.154	<0.0050	**0.0050**	**0.0060**	**0.013**	<0.0050	**0.0020**	**0.0021**	<0.0050	<0.0050	**0.0010**	<0.0050
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: Metals, Cyanide and PCBs

		PRG	MW-BG-B2(D) DUP	MW-BG-B3 (S)	MW-BG-B3 (I)	MW-BG-B3 (D)	MW-BG-B4 (S)	MW-BG-B4 (I)	MW-BG-B4 (D)	MW-BG-B4 (D) DUP	MW-BG-B5 (S)	MW-BG-B5I	MW-BG-B5D
			07/12/05 10:30	**07/12/05 18:30**	**07/12/05 15:30**	**07/12/05 18:00**	**07/13/05 19:00**	**07/13/05 18:30**	**07/13/05 15:00**	**07/13/05 15:00**	**07/14/05 15:45**	**07/14/05 00:00**	**07/14/05 00:00**
Metals													
Antimony, 3030C	mg/l	0.006	<0.0050	**0.0016**	**0.0024**	**0.0030**	<0.0050	<0.0050	**0.0029**	**0.0051**	<0.0050	<0.0050	<0.0050
Arsenic, 3030C	mg/l	0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium, 3030C	mg/l	2.0	**0.066**	**0.062**	**0.11**	**0.019**	**0.051**	**0.034**	**0.017**	**0.016**	**0.049**	**0.028**	**0.036**
Beryllium, 3030C	mg/l	0.004	<0.0010	<0.0010	<0.0010	<0.0010	**0.00045**	**0.00039**	<0.0010	<0.0010	**0.00068**	**0.00039**	**0.00035**
Cadmium, 3030C	mg/l	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010
Chromium, 3030C	mg/l	0.05	**0.0017**	**0.0039**	**0.0020**	**0.022**	**0.0014**	**0.068**	**0.064**	**0.064**	<0.0020	**0.0051**	**0.0037**
Chromium, Hexavalent	mg/l	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	**0.085**	**0.069**	**0.068**	<0.050	<0.050	<0.050
Copper, 3030C	mg/l	1.0	<0.0020	<0.0020	**0.0022**	**0.0023**	<0.0020	**0.0037**	<0.0020	**0.0021**	<0.0020	**0.010**	<0.0020
Lead, 3030C	mg/l	0.015	**0.0011**	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0016**	<0.0050
Manganese, 3030C	mg/l	0.96	**0.20**	**7.8**	**2.3**	**0.27**	**1.2**	**0.98**	**0.16**	**0.16**	**0.014**	**0.24**	**0.034**
Mercury	mg/l	0.0011	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020	<0.00020
Nickel, 3030C	mg/l	0.1	**0.0043**	**0.0037**	**0.0099**	**0.011**	**0.0079**	**0.013**	**0.0027**	**0.0026**	<0.0050	**0.0042**	**0.0026**
Selenium, 3030C	mg/l	0.05	**0.0063**	**0.0035**	**0.0053**	**0.0072**	**0.0023**	**0.0014**	**0.0044**	**0.0016**	<0.0050	**0.0011**	<0.0050
Silver, 3030C	mg/l	0.018	**0.018**	**0.0038**	**0.0030**	<0.0020	**0.0012**	<0.0020	**0.0024**	**0.0019**	<0.0020	<0.0020	<0.0020
Thallium, 3030C	mg/l	0.002	<0.010	**0.0095**	<0.010	<0.010	**0.0065**	**0.0038**	<0.010	<0.010	<0.010	<0.010	<0.010
Zinc, 3030C	mg/l	2.1	**0.026**	**0.027**	**0.018**	**0.48**	**0.018**	**0.0073**	**0.016**	**0.012**	<0.010	**0.012**	**0.0044**
Other Inorganics													
Cyanide	mg/l	0.154	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: Metals, Cyanide and PCBs

		PRG	MW-BG-B5 (XD)	MW-BG-B5 (XD)	MW-BG-B6 (D)	MW-BG-B6 (D)	MW-BG-B6 (D) DUP	MW-BG-B7 (D)	MW-BG-B7 (D) DUP	MW-BG-B7 (D)	PUMP BLANK	BAILER BLANK	BAILER BLANK
			11/17/05 08:30	**04/06/06 10:15**	**11/16/05 13:30**	**04/05/06 14:15**	**04/05/06 14:15**	**11/17/05 12:00**	**11/17/05 12:00**	**04/04/06 14:30**	**07/12/05 11:00**	**07/14/05 18:00**	**04/04/06 17:00**
Metals													
Antimony, 3030C	mg/l	0.006	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	**0.0023**	<0.0050	<0.0050
Arsenic, 3030C	mg/l	0.010	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050
Barium, 3030C	mg/l	2.0	**0.062**	**0.096**	**0.031**	**0.029**	**0.029**	**0.16**	**0.16**	**0.17**	**0.00048**	**0.00049**	**0.00054**
Beryllium, 3030C	mg/l	0.004	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.00062**	<0.0010
Cadmium, 3030C	mg/l	0.005	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	**0.0039**	<0.0010
Chromium, 3030C	mg/l	0.05	<0.0020	**0.050**	**0.0016**	**0.00092**	**0.00075**	**0.0054**	**0.0051**	**0.015**	**0.00098**	<0.0020	<0.0020
Chromium, Hexavalent	mg/l	0.05	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050	<0.050
Copper, 3030C	mg/l	1.0	<0.0020	**0.0041**	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020
Lead, 3030C	mg/l	0.015	**0.0019**	**0.0042**	**0.0029**	<0.0050	**0.0025**	<0.0050	<0.0050	<0.0050	<0.0050	**0.00092**	<0.0050
Manganese, 3030C	mg/l	0.96	**0.026**	**0.033**	**0.0037**	**0.0062**	**0.0063**	**0.035**	**0.034**	**0.032**	**0.011**	**0.0011**	**0.00073**
Mercury	mg/l	0.0011	**0.000054**	<0.00020	**0.000068**	<0.00020	<0.00020	**0.00078**	**0.000074**	<0.00020	<0.00020	<0.00020	<0.00020
Nickel, 3030C	mg/l	0.1	**0.0072**	**0.026**	<0.0050	**0.0019**	**0.0016**	**0.0095**	**0.016**	**0.031**	**0.0010**	<0.0050	**0.00093**
Selenium, 3030C	mg/l	0.05	**0.0022**	**0.0019**	**0.0037**	**0.0011**	<0.0050	**0.0037**	**0.0039**	**0.0015**	**0.0051**	**0.0013**	<0.0050
Silver, 3030C	mg/l	0.018	<0.0020	**0.0018**	<0.0020	<0.0020	<0.0020	**0.0023**	**0.0016**	**0.0016**	<0.0020	<0.0020	<0.0020
Thallium, 3030C	mg/l	0.002	<0.010	<0.010	<0.010	**0.0048**	<0.010	<0.010	<0.010	<0.010	<0.010	**0.0058**	<0.010
Zinc, 3030C	mg/l	2.1	**0.016**	**0.064**	**0.030**	**0.021**	**0.030**	**0.024**	**0.026**	**0.026**	**0.026**	<0.010	**0.023**
Other Inorganics													
Cyanide	mg/l	0.154	<0.0050	**0.0095**	<0.0050	**0.00060**	**0.00080**	<0.0050	<0.0050	**0.0049**	**0.0010**	<0.0050	<0.0050
Polychlorinated Biphenyls													
PCB-1016 (Aroclor 1016)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	**1.0**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 13. Surface-Water Sample Analytical Results

		PRG	SW-04	SW-05	SW-09	SW-09 DUP-LICATE	SW-11	SW-11	SW-11 (A)	SW-11 (B)	SW-11 (C)	SW-12	SW-12	SW-13	SW-13	SW-14	SW-14	SW-15	SW-15	SW-16	TUNNEL DE-WATER
			03/02/06 11:15	03/02/06 11:30	03/02/06 11:45	03/02/06 11:45	07/15/05 10:30	03/02/06 14:30	03/02/06 12:45	03/02/06 13:15	03/02/06 14:15	07/15/05 11:00	03/02/06 16:30	07/15/05 11:30	03/02/06 16:15	07/15/05 12:00	03/02/06 16:00	07/15/05 12:30	03/02/06 15:45	03/02/06 15:30	07/14/05 16:00
Metals																					
Antimony	mg/l	1.7	**0.0012**	<0.0050	<0.0050	<0.0050	<0.0050	NA	NA	NA	NA	<0.0050	NA	<0.0050	NA	<0.0050	NA	**0.0016**	NA	NA	NA
Arsenic	mg/l	0.01	<0.0050	<0.0050	<0.0050	<0.0050	<0.0050	NA	NA	NA	NA	<0.0050	NA	<0.0050	NA	**0.0054**	NA	<0.0050	NA	NA	NA
Barium	mg/l	1.4	**0.055**	**0.061**	**0.060**	**0.061**	**0.042**	NA	NA	NA	NA	**0.042**	NA	**0.040**	NA	**0.044**	NA	**0.044**	NA	NA	NA
Beryllium	mg/l	0.000117	<0.0010	<0.0010	<0.0010	<0.0010	**0.00048**	NA	NA	NA	NA	**0.00052**	NA	**0.00051**	NA	**0.00054**	NA	**0.00047**	NA	NA	NA
Cadmium	mg/l	0.002	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	NA	NA	NA	NA	<0.0010	NA	<0.0010	NA	<0.0010	NA	<0.0010	NA	NA	NA
Chromium	mg/l	0.04885	**0.0022**	<0.0020	**0.00097**	**0.0010**	**0.0021**	NA	NA	NA	NA	**0.0015**	NA	**0.0017**	NA	**0.0016**	NA	**0.0015**	NA	NA	NA
Chromium, Hexavalent	mg/l	0.011	**0.0070**	**0.0040**	**0.0030**	**0.032**	<0.050	**0.014**	**0.0050**	**0.0050**	**0.012**	<0.050	**0.0080**	<0.050	**0.0070**	<0.050	**0.010**	<0.050	**0.010**	**0.010**	NA
Copper	mg/l	0.033	**0.0023**	<0.0020	<0.0020	<0.0020	**0.0031**	NA	NA	NA	NA	<0.0020	NA	<0.0020	NA	<0.0020	NA	<0.0020	NA	NA	NA
Lead	mg/l	0.065	**0.0030**	**0.0025**	**0.0015**	**0.0020**	**0.0019**	NA	NA	NA	NA	<0.0050	NA	<0.0050	NA	**0.0015**	NA	**0.0024**	NA	NA	NA
Manganese	mg/l	0.24	**0.41**	**0.40**	**0.036**	**0.040**	**0.13**	NA	NA	NA	NA	**0.12**	NA	**0.12**	NA	**0.12**	NA	**0.12**	NA	NA	NA
Mercury	mg/l	0.0021	**0.000044**	<0.00020	<0.00020	<0.00020	<0.00020	NA	NA	NA	NA	<0.00020	NA	<0.00020	NA	<0.00020	NA	<0.00020	NA	NA	NA
Nickel	mg/l	0.088	**0.0012**	**0.0023**	**0.0011**	**0.00091**	**0.0028**	NA	NA	NA	NA	**0.00064**	NA	**0.00097**	NA	**0.0013**	NA	**0.00074**	NA	NA	NA
Selenium	mg/l	0.005	<0.0050	<0.0050	<0.0050	<0.0050	**0.0018**	NA	NA	NA	NA	<0.0050	NA	<0.0050	NA	<0.0050	NA	**0.0016**	NA	NA	NA
Silver	mg/l	0.00006	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	NA	NA	NA	NA	<0.0020	NA	<0.0020	NA	<0.0020	NA	<0.0020	NA	NA	NA
Thallium	mg/l	0.0013	**0.0053**	**0.0032**	**0.0043**	**0.0027**	<0.010	NA	NA	NA	NA	<0.010	NA	<0.010	NA	<0.010	NA	<0.010	NA	NA	NA
Zinc	mg/l	0.0150	**0.015**	**0.015**	**0.011**	**0.012**	<0.010	NA	NA	NA	NA	<0.010	NA	<0.010	NA	<0.010	NA	<0.010	NA	NA	NA
Other Inorganics																					
Cyanide	mg/l	0.005	**0.0023**	**0.0020**	**0.0021**	**0.0030**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls																					
PCB-1016 (Aroclor 1016)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Volatile Organic Compounds																					
Acetone	ug/l	2,000	<25.	<25.	<25.	<25.	NA	**5.4**	<25.	<25.	**3.7**	NA	<25.	NA	<25.	NA	**2.0**	NA	**4.2**	**2.7**	NA
Benzene	ug/l	71.4	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromochloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromodichloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromoform	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Bromomethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Butanone (MEK)	ug/l	26,000	<5.0	<5.0	<5.0	<5.0	NA	<5.0	<5.0	<5.0	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	NA	<5.0	<5.0	NA
n-Butylbenzene	ug/l	3	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
sec-Butylbenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
tert-Butylbenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Carbon tetrachloride	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Chloroform	ug/l	470	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.35**	**0.37**
Chloromethane	ug/l	27,500	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2-Chlorotoluene	ug/l	140	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.43**	<1.0	**0.25**	<1.0	**0.24**	<1.0	<1.0	<1.0
4-Chlorotoluene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 13. Surface-Water Sample Analytical Results

		PRG	SW-04	SW-05	SW-09	SW-09 DUP-LICATE	SW-11	SW-11	SW-11 (A)	SW-11 (B)	SW-11 (C)	SW-12	SW-12	SW-13	SW-13	SW-14	SW-14	SW-15	SW-15	SW-16	TUNNEL DE-WATER
			03/02/06 11:15	03/02/06 11:30	03/02/06 11:45	03/02/06 11:45	07/15/05 10:30	03/02/06 14:30	03/02/06 12:45	03/02/06 13:15	03/02/06 14:15	07/15/05 11:00	03/02/06 16:30	07/15/05 11:30	03/02/06 16:15	07/15/05 12:00	03/02/06 16:00	07/15/05 12:30	03/02/06 15:45	03/02/06 15:30	07/14/05 16:00
1,2-Dibromo-3-chloropropane	ug/l	1,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromochloromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dibromoethane (EDB)	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dibromomethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,4-Dichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Dichlorodifluoromethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloroethane	ug/l	19,500	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloroethene (Total)	ug/l	NA	**9.6**	**45.**	**8.6**	**8.7**	NA	**3.4**	<1.0	<1.0	**3.8**	NA	**2.7**	NA	**2.8**	NA	**2.7**	NA	**2.5**	**2.2**	NA
1,1-Dichloroethene	ug/l	6,900	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
cis-1,2-Dichloroethene	ug/l	13,000	**9.6**	**44.**	**8.6**	**8.7**	**1.3**	**3.4**	<1.0	<1.0	**3.8**	**1.2**	**2.7**	**1.4**	**2.8**	**1.6**	**2.7**	**1.4**	**2.5**	**2.2**	**22.**
trans-1,2-Dichloroethene	ug/l	11,000	<1.0	**0.53**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
2,2-Dichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1-Dichloropropene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Diisopropyl ether	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Ethylbenzene	ug/l	520	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Hexachloro-1,3-butadiene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Isopropylbenzene (Cumene)	ug/l	310	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
p-Isopropyltoluene	ug/l	320	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Methylene chloride	ug/l	1,600	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
Methyl-tert-butyl ether	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Naphthalene	ug/l	78	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
n-Propylbenzene	ug/l	77	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Styrene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1,2-Tetrachloroethane	ug/l	10.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2,2-Tetrachloroethane	ug/l	10.8	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Tetrachloroethene	ug/l	8.85	**3.4**	**6.1**	**3.8**	**3.9**	**1.9**	**0.81**	<1.0	<1.0	**1.0**	**2.3**	**1.1**	**1.7**	**1.1**	**1.7**	**1.4**	**1.6**	**1.4**	**1.5**	**20.**
Toluene	ug/l	11	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	**0.25**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trichlorobenzene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,1-Trichloroethane	ug/l	2,460	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,1,2-Trichloroethane	ug/l	42	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Trichloroethene	ug/l	92.4	**1.0**	**2.5**	<1.0	**0.90**	**0.48**	**0.26**	<1.0	<1.0	<1.0	**0.72**	<1.0	<1.0	<1.0	**0.35**	<1.0	<1.0	<1.0	<1.0	**3.1**
Trichlorofluoromethane	ug/l	179,000	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,3-Trichloropropane	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,2,4-Trimethylbenzene	ug/l	380	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
1,3,5-Trimethylbenzene	ug/l	620	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Vinyl chloride	ug/l	525	<1.0	**2.8**	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Xylene (Total)	ug/l	780	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
m&p-Xylene	ug/l	NA	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0	<2.0
o-Xylene	ug/l	NA	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Semivolatile Organic Compounds																					
Acenaphthene	ug/l	2,700	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthylene	ug/l	85	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 13. Surface-Water Sample Analytical Results

		PRG	SW-04	SW-05	SW-09	SW-09 DUP-LICATE	SW-11	SW-11	SW-11 (A)	SW-11 (B)	SW-11 (C)	SW-12	SW-12	SW-13	SW-13	SW-14	SW-14	SW-15	SW-15	SW-16	TUNNEL DE-WATER
			03/02/06 11:15	03/02/06 11:30	03/02/06 11:45	03/02/06 11:45	07/15/05 10:30	03/02/06 14:30	03/02/06 12:45	03/02/06 13:15	03/02/06 14:15	07/15/05 11:00	03/02/06 16:30	07/15/05 11:30	03/02/06 16:15	07/15/05 12:00	03/02/06 16:00	07/15/05 12:30	03/02/06 15:45	03/02/06 15:30	07/14/05 16:00
Aniline	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	ug/l	110,000	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(k)fluoranthene	ug/l	0.0311	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(b)fluoranthene	ug/l	0.0311	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	ug/l	0.0311	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzoic acid	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(g,h,i)perylene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzyl alcohol	ug/l	NA	<26.	<27.	<27.	<26.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)pyrene	ug/l	0.0311	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Bromophenylphenyl ether	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Butylbenzylphthalate	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloro-3-methylphenol	ug/l	NA	<26.	<27.	<27.	<26.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chloroaniline	ug/l	NA	<26.	<27.	<27.	<26.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethyl) ether	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroisopropyl) ether	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloronaphthalene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Chlorophenol	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Chlorophenylphenyl ether	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chrysene	ug/l	0.0311	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenzofuran	ug/l	94	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	ug/l	NA	<26.	<27.	<27.	<26.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dichlorophenol	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Diethylphthalate	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dimethylphenol	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dimethylphthalate	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-butylphthalate	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4,6-Dinitro-2-methylphenol	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrophenol	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,6-Dinitrotoluene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Di-n-octylphthalate	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Diphenylhydrazine	ug/l	NA	<26.	<27.	<27.	<26.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Ethylhexyl)phthalate	ug/l	5.9	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluoranthene	ug/l	370	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Fluorene	ug/l	14,000	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorocyclopentadiene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	ug/l	0.0311	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isophorone	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1-Methylnaphthalene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylnaphthalene	ug/l	72	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 13. Surface-Water Sample Analytical Results

		PRG	SW-04	SW-05	SW-09	SW-09 DUP-LICATE	SW-11	SW-11	SW-11 (A)	SW-11 (B)	SW-11 (C)	SW-12	SW-12	SW-13	SW-13	SW-14	SW-14	SW-15	SW-15	SW-16	TUNNEL DE-WATER
			03/02/06 11:15	03/02/06 11:30	03/02/06 11:45	03/02/06 11:45	07/15/05 10:30	03/02/06 14:30	03/02/06 12:45	03/02/06 13:15	03/02/06 14:15	07/15/05 11:00	03/02/06 16:30	07/15/05 11:30	03/02/06 16:15	07/15/05 12:00	03/02/06 16:00	07/15/05 12:30	03/02/06 15:45	03/02/06 15:30	07/14/05 16:00
3&4-Methylphenol	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	ug/l	78	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitroaniline	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3-Nitroaniline	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitroaniline	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Nitrophenol	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Nitrophenol	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	ug/l	NA	<13.	**6.5**	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	ug/l	0.7	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenol	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	ug/l	NA	<66.	<67.	<67.	<66.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	ug/l	NA	<13.	<13.	<13.	<13.	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-01	SE-03	SE-03 (1')	SE-03 (2')	SE-03 UP	SE-03 DN	SE-04	SE-05	SE-06	SE-06	SE-06 (1')	SE-06 (1')
					09/29/05 15:15	09/29/05 16:00	09/29/05 16:15	09/29/05 16:15	09/29/05 16:00	09/29/05 16:00	09/29/05 15:45	09/29/05 15:30	09/29/05 14:15	03/01/06 11:45	09/29/05 14:30	03/01/06 11:40
Metals																
Antimony	mg/kg	6.2	0.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	**13.**	NA	<0.57	NA
Arsenic	mg/kg	6	6	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	mg/kg	1,080	309	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	30	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.4	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.11	NA	NA	NA
Chromium	mg/kg	24,000	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent	mg/kg	44	1	NA	NA	NA	NA	NA	NA	NA	<5.61	<6.60	<6.26	NA	NA	NA
Copper	mg/kg	620	78	NA	NA	NA	NA	NA	NA	NA	NA	NA	**100**	NA	NA	NA
Lead	mg/kg	400	144	NA	NA	NA	NA	NA	NA	NA	NA	NA	**450**	NA	**91.**	NA
Manganese	mg/kg	1,050	1,050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	4.6	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	320	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/kg	78	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	78	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	1.04	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	4,600	262	NA	NA	NA	NA	NA	NA	NA	NA	NA	**510**	NA	NA	NA
Other Inorganics																
Cyanide	mg/kg	240	3.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.61	NA	NA	NA
Semivolatile Organic Compounds																
Acenaphthene	ug/kg	740,000	1600	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Acenaphthylene	ug/kg	460,000	4,200	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Anthracene	ug/kg	4,400,000	42,000	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Benzo(k)fluoranthene	ug/kg	6,200	9.58	NA	NA	**640**	<390	<430	<1900	<2000	NA	NA	**1100**	**860**	NA	<460
Benzo(b)fluoranthene	ug/kg	620	0.958	NA	NA	**540**	<390	<430	<1900	<2000	NA	NA	**1400**	**1100**	NA	<460
Benzo(a)anthracene	ug/kg	620	0.958	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Benzoic acid	ug/kg	48,000,000	560,000	NA	NA	<9300	<1900	<2100	<9600	<9800	NA	NA	<20000	<11000	NA	<2300
Benzo(g,h,i)perylene	ug/kg	460,000	4,200	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Benzyl alcohol	ug/kg	NA	NA	NA	NA	<3700	<770	<860	<3800	<3900	NA	NA	<7900	<4600	NA	<920
Benzo(a)pyrene	ug/kg	62	0.0958	NA	NA	**520**	<390	<430	<1900	<2000	NA	NA	<4000	**680**	NA	<460
4-Bromophenylphenyl ether	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Butylbenzylphthalate	ug/kg	2,400,000	2,000	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
4-Chloro-3-methylphenol	ug/kg	NA	NA	NA	NA	<3700	<770	<860	<3800	<3900	NA	NA	<7900	<4600	NA	<920
4-Chloroaniline	ug/kg	NA	NA	NA	NA	<3700	<770	<860	<3800	<3900	NA	NA	<7900	<4600	NA	<920
bis(2-Chloroethoxy)methane	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
bis(2-Chloroethyl) ether	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
bis(2-Chloroisopropyl) ether	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2-Chloronaphthalene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2-Chlorophenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
4-Chlorophenylphenyl ether	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Chrysene	ug/kg	62,000	95.8	NA	NA	**520**	<390	<430	<1900	<2000	NA	NA	**1200**	**830**	NA	**110**
Dibenz(a,h)anthracene	ug/kg	62	0.094	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Dibenzofuran	ug/kg	30,000	48	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
1,2-Dichlorobenzene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-01	SE-03	SE-03 (1')	SE-03 (2')	SE-03 UP	SE-03 DN	SE-04	SE-05	SE-06	SE-06	SE-06 (1')	SE-06 (1')
					09/29/05 15:15	09/29/05 16:00	09/29/05 16:15	09/29/05 16:15	09/29/05 16:00	09/29/05 16:00	09/29/05 15:45	09/29/05 15:30	09/29/05 14:15	03/01/06 11:45	09/29/05 14:30	03/01/06 11:40
1,3-Dichlorobenzene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
1,4-Dichlorobenzene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
3,3'-Dichlorobenzidine	ug/kg	NA	NA	NA	NA	<3700	<770	<860	<3800	<3900	NA	NA	<7900	<4600	NA	<920
2,4-Dichlorophenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Diethylphthalate	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2,4-Dimethylphenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Dimethylphthalate	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Di-n-butylphthalate	ug/kg	1,220,000	14,000	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
4,6-Dinitro-2-methylphenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2,4-Dinitrophenol	ug/kg	NA	NA	NA	NA	<9300	<1900	<2100	<9600	<9800	NA	NA	<20000	<11000	NA	<2300
2,4-Dinitrotoluene	ug/kg	24,000	292	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2,6-Dinitrotoluene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Di-n-octylphthalate	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
1,2-Diphenylhydrazine	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
bis(2-Ethylhexyl)phthalate	ug/kg	35,000	60	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Fluoranthene	ug/kg	460,000	5600	NA	NA	**810**	<390	**140**	<1900	<2000	NA	NA	**1900**	**1600**	NA	**180**
Fluorene	ug/kg	540,000	5600	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Hexachloro-1,3-butadiene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Hexachlorobenzene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Hexachlorocyclopentadiene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Hexachloroethane	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Indeno(1,2,3-cd)pyrene	ug/kg	620	0.958	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Isophorone	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
1-Methylnaphthalene	ug/kg	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	<2300	NA	<460
2-Methylnaphthalene	ug/kg	11,200	280	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2-Methylphenol (o-Cresol)	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
3&4-Methylphenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Naphthalene	ug/kg	11,200	420	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2-Nitroaniline	ug/kg	NA	NA	NA	NA	<9300	<1900	<2100	<9600	<9800	NA	NA	<20000	<11000	NA	<2300
3-Nitroaniline	ug/kg	NA	NA	NA	NA	<9300	<1900	<2100	<9600	<9800	NA	NA	<20000	<11000	NA	<2300
4-Nitroaniline	ug/kg	NA	NA	NA	NA	<9300	<1900	<2100	<9600	<9800	NA	NA	<20000	<11000	NA	<2300
Nitrobenzene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2-Nitrophenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
4-Nitrophenol	ug/kg	NA	NA	NA	NA	<9300	<1900	<2100	<9600	<9800	NA	NA	<20000	<11000	NA	<2300
N-Nitroso-di-n-propylamine	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
N-Nitrosodiphenylamine	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Pentachlorophenol	ug/kg	NA	NA	NA	NA	<9300	<1900	<2100	<9600	<9800	NA	NA	<20000	<11000	NA	<2300
Phenanthrene	ug/kg	460,000	4,200	NA	NA	**510**	<390	<430	<1900	<2000	NA	NA	**970**	**540**	NA	<460
Phenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Pyrene	ug/kg	460,000	4,200	NA	NA	**1100**	<390	**140**	<1900	<2000	NA	NA	**2400**	**1500**	NA	**160**
1,2,4-Trichlorobenzene	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2,4,5-Trichlorophenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
2,4,6-Trichlorophenol	ug/kg	NA	NA	NA	NA	<1900	<390	<430	<1900	<2000	NA	NA	<4000	<2300	NA	<460
Metals, TCLP																
Antimony, TCLP	mg/l	NA	NA	0.006	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.0071**	NA	NA
Arsenic, TCLP	mg/l	NA	NA	0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium, TCLP	mg/l	NA	NA	0.005	**0.0024**	NA	NA	NA	NA	NA	NA	NA	NA	**0.018**	NA	NA

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-01	SE-03	SE-03 (1')	SE-03 (2')	SE-03 UP	SE-03 DN	SE-04	SE-05	SE-06	SE-06	SE-06 (1')	SE-06 (1')
					09/29/05 15:15	09/29/05 16:00	09/29/05 16:15	09/29/05 16:15	09/29/05 16:00	09/29/05 16:00	09/29/05 15:45	09/29/05 15:30	09/29/05 14:15	03/01/06 11:45	09/29/05 14:30	03/01/06 11:40
Chromium, TCLP	mg/l	NA	NA	0.05	NA	NA	NA	NA	NA	NA	**0.0037**	NA	NA	NA	NA	NA
Copper, TCLP	mg/l	NA	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.12**	NA	NA
Lead, TCLP	mg/l	NA	NA	0.015	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.39**	NA	NA
Nickel, TCLP	mg/l	NA	NA	0.1	NA	NA	NA	NA	NA	NA	**0.032**	NA	NA	NA	NA	NA
Zinc, TCLP	mg/l	NA	NA	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	**1.0**	NA	NA
Polychlorinated Biphenyls, TCLP																
PCB-1016 (Aroclor 1016)	mg/l	NA	NA	0.0005	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	mg/l	NA	NA	0.0005	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	mg/l	NA	NA	0.0005	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	mg/l	NA	NA	0.0005	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	mg/l	NA	NA	0.0005	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	mg/l	NA	NA	0.0005	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/l	NA	NA	0.0005	NA	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds, TCLP																
1,4-Dichlorobenzene	mg/l	NA	NA	NA	NA	<0.75	NA	NA	NA	NA	NA	NA	NA	<0.75	NA	NA
2,4-Dinitrotoluene	mg/l	NA	NA	NA	NA	<0.013	NA	NA	NA	NA	NA	NA	NA	<0.013	NA	NA
Hexachloro-1,3-butadiene	mg/l	NA	NA	NA	NA	<0.050	NA	NA	NA	NA	NA	NA	NA	<0.050	NA	NA
Hexachlorobenzene	mg/l	NA	NA	NA	NA	<0.013	NA	NA	NA	NA	NA	NA	NA	<0.013	NA	NA
Hexachloroethane	mg/l	NA	NA	NA	NA	<0.30	NA	NA	NA	NA	NA	NA	NA	<0.30	NA	NA
2-Methylphenol (o-Cresol)	mg/l	NA	NA	NA	NA	<0.050	NA	NA	NA	NA	NA	NA	NA	<0.050	NA	NA
3&4-Methylphenol	mg/l	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA
Nitrobenzene	mg/l	NA	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	<0.20	NA	NA
Pentachlorophenol	mg/l	NA	NA	NA	NA	<10.	NA	NA	NA	NA	NA	NA	NA	<10.	NA	NA
Pyridine	mg/l	NA	NA	NA	NA	<0.50	NA	NA	NA	NA	NA	NA	NA	<0.50	NA	NA
2,4,5-Trichlorophenol	mg/l	NA	NA	NA	NA	<40.	NA	NA	NA	NA	NA	NA	NA	<40.	NA	NA
2,4,6-Trichlorophenol	mg/l	NA	NA	NA	NA	<0.20	NA	NA	NA	NA	NA	NA	NA	<0.20	NA	NA

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-06 (2')	SE-06 (2')	SE-06 UP	SE-06 UP	SE-06 DN	SE-06 DN	SE-07	SE-07	SE-07 (1')	SE-07 (1')	SE-07 (2')	SE-07 (2')
					09/29/05 14:30	03/01/06 11:50	09/29/05 14:00	03/01/06 11:25	09/29/05 14:15	03/01/06 11:30	09/29/05 14:45	03/01/06 14:00	09/29/05 15:00	03/01/06 14:45	09/29/05 15:15	03/01/06 15:00
Metals																
Antimony	mg/kg	6.2	0.4	NA	**5.5**	NA	**1.7**	NA	**3.7**	NA	NA	NA	NA	NA	NA	NA
Arsenic	mg/kg	6	6	NA	NA	NA	NA	NA	NA	NA	**20.**	NA	**5.7**	**6.9**	**6.7**	**8.5**
Barium	mg/kg	1,080	309	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	mg/kg	30	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	mg/kg	7.4	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	mg/kg	24,000	71	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium, Hexavalent	mg/kg	44	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	620	78	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	mg/kg	400	144	NA	**570**	NA	**100**	NA	**640**	NA	NA	NA	NA	NA	NA	NA
Manganese	mg/kg	1,050	1,050	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	mg/kg	4.6	0.2	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	mg/kg	320	30	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	mg/kg	78	1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	mg/kg	78	0.36	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	mg/kg	1.04	0.8	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	mg/kg	4,600	262	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Other Inorganics																
Cyanide	mg/kg	240	3.08	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds																
Acenaphthene	ug/kg	740,000	1600	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**3700**	<2200	<2000	<2100
Acenaphthylene	ug/kg	460,000	4,200	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Anthracene	ug/kg	4,400,000	42,000	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**9600**	<2200	**680**	<2100
Benzo(k)fluoranthene	ug/kg	6,200	9.58	NA	NA	**210**	NA	**450**	NA	**2900**	**1300**	NA	**15000**	<2200	**1800**	**510**
Benzo(b)fluoranthene	ug/kg	620	0.958	NA	NA	**180**	NA	**460**	NA	**3000**	**1400**	NA	**14000**	<2200	**1700**	<2100
Benzo(a)anthracene	ug/kg	620	0.958	NA	NA	**120**	NA	<1800	NA	**1400**	<4200	NA	**16000**	<2200	**1600**	**530**
Benzoic acid	ug/kg	48,000,000	560,000	NA	NA	<2300	NA	<8900	NA	<11000	<21000	NA	<21000	<11000	<10000	<10000
Benzo(g,h,i)perylene	ug/kg	460,000	4,200	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**3000**	<2200	<2000	<2100
Benzyl alcohol	ug/kg	NA	NA	NA	NA	<910	NA	<3600	NA	<4400	<8500	NA	<8200	<4300	<4100	<4200
Benzo(a)pyrene	ug/kg	62	0.0958	NA	NA	**150**	NA	<1800	NA	**2000**	**1100**	NA	**14000**	<2200	**1600**	**550**
4-Bromophenylphenyl ether	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Butylbenzylphthalate	ug/kg	2,400,000	2,000	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
4-Chloro-3-methylphenol	ug/kg	NA	NA	NA	NA	<910	NA	<3600	NA	<4400	<8500	NA	<8200	<4300	<4100	<4200
4-Chloroaniline	ug/kg	NA	NA	NA	NA	<910	NA	<3600	NA	<4400	<8500	NA	<8200	<4300	<4100	<4200
bis(2-Chloroethoxy)methane	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
bis(2-Chloroethyl) ether	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
bis(2-Chloroisopropyl) ether	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
2-Chloronaphthalene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
2-Chlorophenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
4-Chlorophenylphenyl ether	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Chrysene	ug/kg	62,000	95.8	NA	NA	**200**	NA	<1800	NA	**2400**	**1300**	NA	**16000**	<2200	**1700**	**590**
Dibenz(a,h)anthracene	ug/kg	62	0.094	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**1900**	<2200	<2000	<2100
Dibenzofuran	ug/kg	30,000	48	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**2800**	<2200	<2000	<2100
1,2-Dichlorobenzene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-06 (2')	SE-06 (2')	SE-06 UP	SE-06 UP	SE-06 DN	SE-06 DN	SE-07	SE-07	SE-07 (1')	SE-07 (1')	SE-07 (2')	SE-07 (2')
					09/29/05 14:30	03/01/06 11:50	09/29/05 14:00	03/01/06 11:25	09/29/05 14:15	03/01/06 11:30	09/29/05 14:45	03/01/06 14:00	09/29/05 15:00	03/01/06 14:45	09/29/05 15:15	03/01/06 15:00
1,3-Dichlorobenzene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
1,4-Dichlorobenzene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
3,3'-Dichlorobenzidine	ug/kg	NA	NA	NA	NA	<910	NA	<3600	NA	<4400	<8500	NA	<8200	<4300	<4100	<4200
2,4-Dichlorophenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Diethylphthalate	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
2,4-Dimethylphenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Dimethylphthalate	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Di-n-butylphthalate	ug/kg	1,220,000	14,000	NA	NA	<450	NA	<1800	NA	**580**	<4200	NA	<4100	<2200	<2000	<2100
4,6-Dinitro-2-methylphenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
2,4-Dinitrophenol	ug/kg	NA	NA	NA	NA	<2300	NA	<8900	NA	<11000	<21000	NA	<21000	<11000	<10000	<10000
2,4-Dinitrotoluene	ug/kg	24,000	292	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
2,6-Dinitrotoluene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Di-n-octylphthalate	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
1,2-Diphenylhydrazine	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
bis(2-Ethylhexyl)phthalate	ug/kg	35,000	60	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	**480**	<2100
Fluoranthene	ug/kg	460,000	5600	NA	NA	**380**	NA	**760**	NA	**4400**	**2100**	NA	**48000**	<2200	**3700**	**1100**
Fluorene	ug/kg	540,000	5600	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**3800**	<2200	<2000	<2100
Hexachloro-1,3-butadiene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Hexachlorobenzene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Hexachlorocyclopentadiene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Hexachloroethane	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Indeno(1,2,3-cd)pyrene	ug/kg	620	0.958	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**3300**	<2200	**740**	<2100
Isophorone	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
1-Methylnaphthalene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	NA	NA	NA	<2200	NA	<2100
2-Methylnaphthalene	ug/kg	11,200	280	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**670**	<2200	<2000	<2100
2-Methylphenol (o-Cresol)	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
3&4-Methylphenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Naphthalene	ug/kg	11,200	420	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	**1300**	<2200	<2000	<2100
2-Nitroaniline	ug/kg	NA	NA	NA	NA	<2300	NA	<8900	NA	<11000	<21000	NA	<21000	<11000	<10000	<10000
3-Nitroaniline	ug/kg	NA	NA	NA	NA	<2300	NA	<8900	NA	<11000	<21000	NA	<21000	<11000	<10000	<10000
4-Nitroaniline	ug/kg	NA	NA	NA	NA	<2300	NA	<8900	NA	<11000	<21000	NA	<21000	<11000	<10000	<10000
Nitrobenzene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
2-Nitrophenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
4-Nitrophenol	ug/kg	NA	NA	NA	NA	<2300	NA	<8900	NA	<11000	<21000	NA	<21000	<11000	<10000	<10000
N-Nitroso-di-n-propylamine	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
N-Nitrosodiphenylamine	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Pentachlorophenol	ug/kg	NA	NA	NA	NA	<2300	NA	<8900	NA	<11000	<21000	NA	<21000	<11000	<10000	<10000
Phenanthrene	ug/kg	460,000	4,200	NA	NA	**140**	NA	<1800	NA	**1400**	<4200	NA	**45000**	<2200	**2900**	**520**
Phenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Pyrene	ug/kg	460,000	4,200	NA	NA	**340**	NA	**740**	NA	**4500**	**1800**	NA	**36000**	<2200	**3400**	**940**
1,2,4-Trichlorobenzene	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
2,4,5-Trichlorophenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
2,4,6-Trichlorophenol	ug/kg	NA	NA	NA	NA	<450	NA	<1800	NA	<2200	<4200	NA	<4100	<2200	<2000	<2100
Metals, TCLP																
Antimony, TCLP	mg/l	NA	NA	0.006	NA	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	NA
Arsenic, TCLP	mg/l	NA	NA	0.010	NA	NA	NA	NA	NA	NA	<0.025	NA	NA	NA	NA	NA
Cadmium, TCLP	mg/l	NA	NA	0.005	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-06 (2')	SE-06 (2')	SE-06 UP	SE-06 UP	SE-06 DN	SE-06 DN	SE-07	SE-07	SE-07 (1')	SE-07 (1')	SE-07 (2')	SE-07 (2')
					09/29/05 14:30	03/01/06 11:50	09/29/05 14:00	03/01/06 11:25	09/29/05 14:15	03/01/06 11:30	09/29/05 14:45	03/01/06 14:00	09/29/05 15:00	03/01/06 14:45	09/29/05 15:15	03/01/06 15:00
Chromium, TCLP	mg/l	NA	NA	0.05	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper, TCLP	mg/l	NA	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead, TCLP	mg/l	NA	NA	0.015	NA	NA	NA	NA	NA	NA	**0.19**	**0.12**	NA	NA	NA	NA
Nickel, TCLP	mg/l	NA	NA	0.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc, TCLP	mg/l	NA	NA	2.1	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls, TCLP																
PCB-1016 (Aroclor 1016)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	NA	NA	<1.0	<1.0	NA	NA	NA	NA
Semivolatile Organic Compounds, TCLP																
1,4-Dichlorobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.75	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.013	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.013	NA	NA	NA	NA	NA
Hexachloroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.30	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.050	NA	NA	NA	NA	NA
3&4-Methylphenol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.010	NA	NA	NA	NA	NA
Nitrobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA	NA	NA	NA	NA
Pentachlorophenol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<10.	NA	NA	NA	NA	NA
Pyridine	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.50	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<40.	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	<0.20	NA	NA	NA	NA	NA

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-07 UP	SE-07 UP	SE-07 DN	SE-07 DN	SE-08	SE-06 EAST	SE-06 NORTH	SE-06 NORTH-EAST
					09/29/05 15:00	03/01/06 14:15	09/29/05 15:00	03/01/06 14:30	09/29/05 16:45	03/01/06 11:35	03/01/06 14:00	03/01/06 15:30
Metals												
Antimony	mg/kg	6.2	0.4	NA	NA	NA	NA	NA	NA	**1.1**	**0.96**	**1.5**
Arsenic	mg/kg	6	6	NA	**6.4**	**6.4**	**5.2**	**3.2**	NA	**2.4**	**28.**	**3.3**
Barium	mg/kg	1,080	309	NA	NA	NA	NA	NA	NA	**68.**	**230**	**98.**
Beryllium	mg/kg	30	0.8	NA	NA	NA	NA	NA	NA	**0.28**	**0.94**	**0.23**
Cadmium	mg/kg	7.4	0.1	NA	NA	NA	NA	NA	NA	<0.11	<0.16	<0.14
Chromium	mg/kg	24,000	71	NA	NA	NA	NA	NA	NA	**68.**	**56.**	**20.**
Chromium, Hexavalent	mg/kg	44	1	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	mg/kg	620	78	NA	NA	NA	NA	NA	NA	**36.**	**70.**	**48.**
Lead	mg/kg	400	144	NA	NA	NA	NA	NA	NA	**97.**	**170**	**110**
Manganese	mg/kg	1,050	1,050	NA	NA	NA	NA	NA	NA	**310**	**750**	**390**
Mercury	mg/kg	4.6	0.2	NA	NA	NA	NA	NA	NA	**0.039**	**0.15**	**0.090**
Nickel	mg/kg	320	30	NA	NA	NA	NA	NA	NA	**8.9**	**23.**	**11.**
Selenium	mg/kg	78	1	NA	NA	NA	NA	NA	NA	<0.55	<0.79	<0.71
Silver	mg/kg	78	0.36	NA	NA	NA	NA	NA	NA	**0.091**	**0.034**	**0.22**
Thallium	mg/kg	1.04	0.8	NA	NA	NA	NA	NA	NA	**0.30**	<1.6	<1.4
Zinc	mg/kg	4,600	262	NA	NA	NA	NA	NA	NA	**140**	**340**	**250**
Other Inorganics												
Cyanide	mg/kg	240	3.08	NA	NA	NA	NA	NA	NA	NA	NA	NA
Semivolatile Organic Compounds												
Acenaphthene	ug/kg	740,000	1600	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Acenaphthylene	ug/kg	460,000	4,200	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Anthracene	ug/kg	4,400,000	42,000	NA	<4000	<1900	**1200**	<2000	NA	<2000	<2800	<2300
Benzo(k)fluoranthene	ug/kg	6,200	9.58	NA	**4700**	**760**	**2000**	**490**	NA	<2000	<2800	**720**
Benzo(b)fluoranthene	ug/kg	620	0.958	NA	**4000**	**720**	**2200**	<2000	NA	<2000	<2800	**680**
Benzo(a)anthracene	ug/kg	620	0.958	NA	**2000**	**650**	**1200**	<2000	NA	<2000	<2800	<2300
Benzoic acid	ug/kg	48,000,000	560,000	NA	<20000	<9500	<19000	<10000	NA	<9900	<14000	<12000
Benzo(g,h,i)perylene	ug/kg	460,000	4,200	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Benzyl alcohol	ug/kg	NA	NA	NA	<8100	<3800	<7700	<4000	NA	<4000	<5600	<4700
Benzo(a)pyrene	ug/kg	62	0.0958	NA	**2900**	**690**	**1600**	<2000	NA	<2000	<2800	**650**
4-Bromophenylphenyl ether	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Butylbenzylphthalate	ug/kg	2,400,000	2,000	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
4-Chloro-3-methylphenol	ug/kg	NA	NA	NA	<8100	<3800	<7700	<4000	NA	<4000	<5600	<4700
4-Chloroaniline	ug/kg	NA	NA	NA	<8100	<3800	<7700	<4000	NA	<4000	<5600	<4700
bis(2-Chloroethoxy)methane	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
bis(2-Chloroethyl) ether	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
bis(2-Chloroisopropyl) ether	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2-Chloronaphthalene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2-Chlorophenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
4-Chlorophenylphenyl ether	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Chrysene	ug/kg	62,000	95.8	NA	**3500**	**800**	**2200**	**530**	NA	<2000	<2800	**840**
Dibenz(a,h)anthracene	ug/kg	62	0.094	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Dibenzofuran	ug/kg	30,000	48	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
1,2-Dichlorobenzene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-07 UP	SE-07 UP	SE-07 DN	SE-07 DN	SE-08	SE-06 EAST	SE-06 NORTH	SE-06 NORTH-EAST
					09/29/05 15:00	03/01/06 14:15	09/29/05 15:00	03/01/06 14:30	09/29/05 16:45	03/01/06 11:35	03/01/06 14:00	03/01/06 15:30
1,3-Dichlorobenzene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
1,4-Dichlorobenzene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
3,3'-Dichlorobenzidine	ug/kg	NA	NA	NA	<8100	<3800	<7700	<4000	NA	<4000	<5600	<4700
2,4-Dichlorophenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Diethylphthalate	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2,4-Dimethylphenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Dimethylphthalate	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Di-n-butylphthalate	ug/kg	1,220,000	14,000	NA	**1200**	<1900	<3800	<2000	NA	<2000	<2800	<2300
4,6-Dinitro-2-methylphenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2,4-Dinitrophenol	ug/kg	NA	NA	NA	<20000	<9500	<19000	<10000	NA	<9900	<14000	<12000
2,4-Dinitrotoluene	ug/kg	24,000	292	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2,6-Dinitrotoluene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Di-n-octylphthalate	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
1,2-Diphenylhydrazine	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
bis(2-Ethylhexyl)phthalate	ug/kg	35,000	60	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	**1800**
Fluoranthene	ug/kg	460,000	5600	NA	**5800**	**1500**	**3400**	**940**	NA	<2000	<2800	**1500**
Fluorene	ug/kg	540,000	5600	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Hexachloro-1,3-butadiene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Hexachlorobenzene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Hexachlorocyclopentadiene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Hexachloroethane	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Indeno(1,2,3-cd)pyrene	ug/kg	620	0.958	NA	**1500**	<1900	**1300**	<2000	NA	<2000	<2800	<2300
Isophorone	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
1-Methylnaphthalene	ug/kg	NA	NA	NA	NA	<1900	NA	<2000	NA	<2000	<2800	<2300
2-Methylnaphthalene	ug/kg	11,200	280	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2-Methylphenol (o-Cresol)	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
3&4-Methylphenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Naphthalene	ug/kg	11,200	420	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2-Nitroaniline	ug/kg	NA	NA	NA	<20000	<9500	<19000	<10000	NA	<9900	<14000	<12000
3-Nitroaniline	ug/kg	NA	NA	NA	<20000	<9500	<19000	<10000	NA	<9900	<14000	<12000
4-Nitroaniline	ug/kg	NA	NA	NA	<20000	<9500	<19000	<10000	NA	<9900	<14000	<12000
Nitrobenzene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2-Nitrophenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
4-Nitrophenol	ug/kg	NA	NA	NA	<20000	<9500	<19000	<10000	NA	<9900	<14000	<12000
N-Nitroso-di-n-propylamine	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
N-Nitrosodiphenylamine	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Pentachlorophenol	ug/kg	NA	NA	NA	<20000	<9500	<19000	<10000	NA	<9900	<14000	<12000
Phenanthrene	ug/kg	460,000	4,200	NA	**2000**	**820**	**1100**	**460**	NA	<2000	<2800	**650**
Phenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Pyrene	ug/kg	460,000	4,200	NA	**6000**	**1300**	**2900**	**860**	NA	<2000	<2800	**1400**
1,2,4-Trichlorobenzene	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2,4,5-Trichlorophenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
2,4,6-Trichlorophenol	ug/kg	NA	NA	NA	<4000	<1900	<3800	<2000	NA	<2000	<2800	<2300
Metals, TCLP												
Antimony, TCLP	mg/l	NA	NA	0.006	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic, TCLP	mg/l	NA	NA	0.010	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium, TCLP	mg/l	NA	NA	0.005	NA	NA	NA	NA	NA	NA	NA	NA

Table 14. Sediment Sample Analytical Results

		PRG (Health)	PRG (GW Protection)	PRG (GW Protection - TCLP)	SE-07 UP	SE-07 UP	SE-07 DN	SE-07 DN	SE-08	SE-06 EAST	SE-06 NORTH	SE-06 NORTH-EAST
					09/29/05 15:00	03/01/06 14:15	09/29/05 15:00	03/01/06 14:30	09/29/05 16:45	03/01/06 11:35	03/01/06 14:00	03/01/06 15:30
Chromium, TCLP	mg/l	NA	NA	0.05	NA	NA	NA	NA	NA	NA	NA	NA
Copper, TCLP	mg/l	NA	NA	1.0	NA	NA	NA	NA	NA	NA	NA	NA
Lead, TCLP	mg/l	NA	NA	0.015	NA	NA	NA	NA	NA	NA	NA	NA
Nickel, TCLP	mg/l	NA	NA	0.1	NA	NA	NA	NA	NA	NA	NA	NA
Zinc, TCLP	mg/l	NA	NA	2.1	NA	NA	NA	NA	NA	NA	NA	NA
Polychlorinated Biphenyls, TCLP												
PCB-1016 (Aroclor 1016)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	<1.0	NA	NA	NA
PCB-1221 (Aroclor 1221)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	<1.0	NA	NA	NA
PCB-1232 (Aroclor 1232)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	<1.0	NA	NA	NA
PCB-1242 (Aroclor 1242)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	<1.0	NA	NA	NA
PCB-1248 (Aroclor 1248)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	<1.0	NA	NA	NA
PCB-1254 (Aroclor 1254)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	<1.0	NA	NA	NA
PCB-1260 (Aroclor 1260)	mg/l	NA	NA	0.0005	NA	NA	NA	NA	<1.0	NA	NA	NA
Semivolatile Organic Compounds, TCLP												
1,4-Dichlorobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4-Dinitrotoluene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloro-1,3-butadiene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachlorobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Methylphenol (o-Cresol)	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3&4-Methylphenol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nitrobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,5-Trichlorophenol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2,4,6-Trichlorophenol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Table 15. Ground-Water Comparison for Soil Vapor Intrusion Evaluation

Volatile Organic Compounds of Concern	MW-B16-02B Ground Water Concentrations[1] ug/L	MW-BG-B5(S) Ground Water Concentrations[2] ug/L	Target Ground Water Concentration[3] ug/L
1,1-Dichloroethane	4.8	ND	2,200
cis-1,2-Dichloroethene	10	53	210
trans-1,2-Dichloroethene	1.2	0.66	180
Tetrachloroethene	0.3	**71**	**5**
Trichloroethene	0.88	**14**	**5**
Vinyl Chloride	1.5	ND	2

1 – Ground water data acquired from 4/4/06 sampling date
2 – Ground water data acquired from 7/14/05 sampling date.
3 – Target ground water concentration from USEPA Vapor Intrusion Guidance Document, 2002 (EPA530-D-02-004)
Bold – indicates ground water data exceeds target concentration
ND – not detected above the method detection limit

Table 16. Soil Vapor Sample Analytical Results: Volatile Organic Compounds

		SV-01	SV-02	SV-03	Target Soil Vapor Concentration* (ppbv)
		3/2/2006 16:00	3/2/2006 16:20	3/2/2006 16:45	
Volatile Organic Compounds					
Acetone	ppbv	<4.8	**6.3**	**7.5**	NA
Benzene	ppbv	**234**	**119**	**43.3**	NA
Bromodichloromethane	ppbv	<4.4	<4.4	<1.3	NA
Bromoform	ppbv	<4.5	<4.5	<1.3	NA
Bromomethane	ppbv	<4.4	<4.4	<1.3	NA
1,3-Butadiene	ppbv	<4.5	<4.5	<1.3	NA
2-Butanone (MEK)	ppbv	<4.8	<4.8	<1.4	NA
Carbon disulfide	ppbv	<4.4	<4.4	**14.2**	NA
Carbon tetrachloride	ppbv	<4.4	<4.4	<1.3	NA
Chlorobenzene	ppbv	<4.5	<4.5	<1.3	NA
Chloroethane	ppbv	<4.4	<4.4	<1.3	NA
Chloroform	ppbv	<4.4	<4.4	<1.3	NA
Chloromethane	ppbv	<4.4	<4.4	<1.2	NA
Cyclohexane	ppbv	**591**	**25.1**	**7.5**	NA
Dibromochloromethane	ppbv	<4.6	<4.6	<1.3	NA
1,2-Dibromoethane (EDB)	ppbv	<4.5	<4.5	<1.3	NA
1,2-Dichlorobenzene	ppbv	<4.4	<4.4	<1.3	NA
1,3-Dichlorobenzene	ppbv	<4.4	<4.4	<1.3	NA
1,4-Dichlorobenzene	ppbv	<4.4	<4.4	<1.3	NA
Dichlorodifluoromethane	ppbv	<4.4	<4.4	<1.3	NA
1,1-Dichloroethane	ppbv	<4.5	<4.5	<1.3	**1,200**
1,2-Dichloroethane	ppbv	<4.5	<4.5	<1.3	NA
1,1-Dichloroethene	ppbv	<4.5	<4.5	<1.3	NA
cis-1,2-Dichloroethene	ppbv	**15.5**	**45.1**	<1.3	**88**
trans-1,2-Dichloroethene	ppbv	<8.7	<8.7	<2.5	**1,100**
1,2-Dichloropropane	ppbv	<4.5	<4.5	<1.3	NA
cis-1,3-Dichloropropene	ppbv	<4.4	<4.4	<1.3	NA
trans-1,3-Dichloropropene	ppbv	<4.5	<4.5	<1.3	NA
Dichlorotetrafluoroethane	ppbv	<5.0	<5.0	<1.4	NA

Table 16. Soil Vapor Sample Analytical Results: Volatile Organic Compounds

		SV-01	SV-02	SV-03	Target Soil Vapor Concentration* (ppbv)
		3/2/2006 16:00	3/2/2006 16:20	3/2/2006 16:45	
Ethyl acetate	ppbv	<4.4	<4.4	<1.3	NA
Ethylbenzene	ppbv	**42.2**	**72.6**	**22.1**	NA
4-Ethyltoluene	ppbv	**19.1**	**27.8**	**4.2**	NA
n-Heptane	ppbv	**1610**	**98.4**	**35.8**	NA
Hexachloro-1,3-butadiene	ppbv	<4.4	<4.4	<1.2	NA
n-Hexane	ppbv	**1280**	**238**	**16.9**	NA
2-Hexanone	ppbv	<4.8	<4.8	<1.4	NA
Methylene Chloride	ppbv	<4.5	**6.3**	**2.1**	NA
4-Methyl-2-pentanone (MIBK)	ppbv	<4.8	<4.8	<1.4	NA
Methyl-tert-butyl ether	ppbv	<8.7	<8.7	<2.5	NA
Propylene	ppbv	**128**	**41.4**	**21.0**	NA
Styrene	ppbv	<4.8	<4.8	<1.4	NA
1,1,2,2-Tetrachloroethane	ppbv	<4.5	<4.5	<1.3	NA
Tetrachloroethene	ppbv	**668**	**389**	**30.5**	**1.2**
Tetrahydrofuran	ppbv	<4.5	<4.5	<1.3	NA
Toluene	ppbv	**794**	**594**	**41.2**	NA
1,2,4-Trichlorobenzene	ppbv	<4.5	<4.5	<1.3	NA
1,1,1-Trichloroethane	ppbv	<4.5	**14.6**	<1.3	**4,000**
1,1,2-Trichloroethane	ppbv	<4.5	<4.5	<1.3	NA
Trichloroethene	ppbv	**38.7**	**91.4**	<1.3	**0.041**
Trichlorofluoromethane	ppbv	<4.4	<4.4	<1.2	NA
1,1,2-Trichlorotrifluoroethane	ppbv	**110**	<4.5	**1.1**	NA
1,2,4-Trimethylbenzene	ppbv	**51.2**	**53.4**	**6.3**	NA
1,3,5-Trimethylbenzene	ppbv	**15.1**	**17.6**	**1.8**	NA
Vinyl acetate	ppbv	<4.8	<4.8	<1.4	NA
Vinyl chloride	ppbv	<4.4	<4.4	**2.1**	**1.1**
m&p-Xylene	ppbv	**159**	**269**	**65.9**	NA
o-Xylene	ppbv	**42.0**	**74.0**	**20.3**	NA

*Target Soil Vapor Concentrations provided only for contaminants found in site ground water.

Table 17. J and E Model Incremental Risk/Hazard Quotient Results - MW-B16-02B

Volatile Organic Compounds of Concern	J&E Model Incremental Risk	J&E Model Hazard Quotient
1,1-Dichloroethane	NC	$1.8x10^{-5}$
cis-1,2-Dichloroethene	NC	$5.1x10^{-4}$
trans-1,2-Dichloroethene	ND	ND
Tetrachloroethene	$2.9x10^{-9}$	$1.9x10^{-6}$
Trichloroethene	$1.1x10^{-7}$	$6.1x10^{-5}$
Vinyl Chloride	$3.3x10^{-7}$	$8.8x10^{-4}$

Table 18. J and E Model Incremental Risk/Hazard Quotient Results - MW-BG-B5(S)

Volatile Organic Compounds of Concern	J&E Model Incremental Risk	J&E Model Hazard Quotient
1,1-Dichloroethane	ND	ND
cis-1,2-Dichloroethene	NC	$2.5x10^{-3}$
trans-1,2-Dichloroethene	NC	$2.5x10^{-5}$
Tetrachloroethene	$6.9x10^{-7}$	$4.6x10^{-4}$
Trichloroethene	**$1.8x10^{-6}$**	$9.7x10^{-4}$
Vinyl Chloride	ND	ND

Table 19. J and E Model Incremental Risk/Hazard Quotient Results - SV-01

Volatile Organic Compounds of Concern	J&E Model Incremental Risk	J&E Model Hazard Quotient
1,1-Dichloroethane	ND	ND
cis-1,2-Dichloroethene	NC	2.0×10^{-3}
trans-1,2-Dichloroethene	ND	ND
Tetrachloroethene	**1.3×10^{-5}**	8.3×10^{-3}
Trichloroethene	**1.2×10^{-5}**	6.1×10^{-3}
Vinyl Chloride	ND	ND

Table 20. J and E Model Incremental Risk/Hazard Quotient Results - SV-02

Volatile Organic Compounds of Concern	J&E Model Incremental Risk	J&E Model Hazard Quotient
1,1-Dichloroethane	ND	ND
cis-1,2-Dichloroethene	NC	$5.7x10^{-3}$
trans-1,2-Dichloroethene	ND	ND
Tetrachloroethylene	**$7.3x10^{-6}$**	$4.8x10^{-3}$
1,1,1 TCA	NC	$4.2x10^{-5}$
Trichloroethylene	**$2.7x10^{-5}$**	$1.5x10^{-2}$
Vinyl Chloride	ND	ND

Table 21. J and E Model Incremental Risk/Hazard Quotient Results - SV-03

Volatile Organic Compounds of Concern	J&E Model Incremental Risk	J&E Model Hazard Quotient
1,1-Dichloroethane	ND	ND
cis-1,2-Dichloroethene	ND	ND
trans-1,2-Dichloroethene	ND	ND
Tetrachloroethene	5.8×10^{-7}	3.8×10^{-4}
Trichloroethene	ND	ND
Vinyl Chloride	**1.3×10^{-6}**	3.4×10^{-3}

Table 22. Ground-Water Sample Analytical Results: MNA Parameters

	Units	MW-BG-B1(I) (7/11/05)	MW-BG-B1(D) (7/11/05)	Background Upper Limit	MW-BG-B3(S) (7/12/05)	Points Awarded	MW-BG-B3(I) (7/12/05)	Points Awarded	MW-BG-B3(D) (7/12/05)	Points Awarded	MW-BG-B4(S) (7/13/05)	Points Awarded	MW-BG-B4(I) (7/13/05)	Points Awarded	MW-BG-B4(D) (7/13/05)	Points Awarded	MW-BG-B4(D) DUP (7/13/05)	Points Awarded	MW-BG-B5(S) (7/14/05)	Points Awarded	MW-BG-B5(I) (7/14/05)	Points Awarded	MW-BG-B5(D) (7/14/05)	Points Awarded	MW-B4-02(S) (7/14/05)	Points Awarded	Optimum Concentration Range (per NCDWM Guide)	Comments	Points Awarded
Alkalinity	mg/l	50	8.3	***117.6***	360	**1**	180	**0**	140	**0**	120	**0**	120	**0**	82	**0**	110	**0**	120	**0**	140	**0**	150	**0**	28	**0**	>2X background	Positive correlation between microbial activity and increased alkalinity. Results from interaction between carbon dioxide and aquifer minerals	**1**
Chloride	mg/l	23	29	***38.7***	14	**0**	18	**0**	16	**0**	120	**2**	19	**0**	12	**0**	16	**0**	18	**0**	11	**0**	12	**0**	11	**0**	>2X background	Chloride is released to groundwater during biodegradation of chlorinated hydrocarbons. Conservative tracer to estimate biodegradation rates. Daughter product of organic chlorine.	**2**
Nitrate	mg/l	2.9	1.7	***NA***	<0.10	**2**	<0.10	**2**	0.49	**2**	<0.10	**2**	1.3	**0**	1.5	**0**	1.6	**0**	0.63	**2**	1.0	**0**	0.94	**2**	1.1	**0**	<1 mg/L	Higher concentrations may compete with reductive pathway. After oxygen, microbes will use nitrate as the electron acceptor via denitrification.	**2**
Sulfate	mg/l	31	64	***NA***	20	**0**	52	**0**	34	**0**	140	**0**	36	**0**	32	**0**	33	**0**	54	**0**	53	**0**	62	**0**	78	**0**	<20 mg/L	Higher concentrations may compete with reductive pathway. After DO and nitrate are depleted, sulfate is used as electron acceptor for anaerobic biodegradation (i.e., sulfate reducing bacteria).	**2**
Sulfide	mg/l	<0.050	<0.050	***NA***	<0.050	**0**	0.062	**0**	0.041	**0**	<0.050	**0**	<0.050	**0**	<0.050	**0**	<0.050	**0**	<0.050	**0**	<0.050	**0**	<0.050	**0**	<0.050	**0**	>1 mg/L	Reductive pathway possible. Sulfate reduction results in the production of sulfides.	**3**
Dissolved Oxygen	mg/l	2.28	5.92	***NA***	0.2	**3**	6.89	**-3**	0.34	**3**	0.41	**3**	1.9	**0**	0.24	**3**	0.24	**3**	0.11	**3**	0.16	**3**	1.81	**0**	5.81	**-3**	<0.5 mg/L >5 mg/L	DO is the most favored electron acceptor. Low concentrations indicate an anaerobic reductive pathway. Anaerobic bacteria can not function at concentrations above 0.5 mg/L. Not tolerated; however, VC may be oxidized aerobically.	**3** **-3**
Ferrous Iron	mg/l	<1	<1	***NA***	1.4	**3**	2.6	**3**	1.8	**3**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	>1 mg/L	Indicates the presence of iron reducing bacteria (possible VC oxidation), reductive pathway possible. May indicate an anaeraobic deg process due to deletion of DO, N and Mn.	**3**
Total Organic Carbon (TOC)	mg/l	17.0	15.0	***NA***	11.0	**0**	19.0	**0**	<5.0	**0**	23.0	**2**	<5.0	**0**	<5.0	**0**	<5.0	**0**	<5.0	**0**	<5.0	**0**	<5.0	**0**	<5.0	**0**	>20 mg/L	Carbon and energy source; drives dechlorination.	**2**
Carbon Dioxide (CO_2)	mg/l	55.00	80.00	***120.5***	83.00	**0**	170.00	**0**	67.00	**0**	250.00	**1**	66.00	**0**	87.00	**0**	93.00	**0**	110.00	**0**	110.00	**0**	88.00	**0**	82.00	**0**	>2X background	Ultimate oxidative daughter product	**1**
Oxidation Reduction Potential	mV	238	277	***NA***	-55	**1**	87	**0**	-42	**1**	108	**0**	329	**0**	252	**0**	252	**0**	286	**0**	295	**0**	305	**0**	287	**0**	<50 mV <-100 mV	Reductive pathway possible. Reductive pathway likely. Each depletion of the above electron acceptors drives the ORP down into the range where reductive dechlorination can occur. Measure of electron acitivty and indicator of tendency of a solution to accept or transfer electrons.	**1** **2**
Hydrogen	nM	330.000	1.400	***NA***	230.000	**3**	41.000	**3**	1200.000	**3**	430.000	**3**	66.00	**3**	180.000	**3**	14.000	**3**	290.000	**3**	<1.000	**0**	200.00	**3**	<1.000	**0**	>1 nM <1 nM	Reductive product possible, VC may accumulate VC oxidized	**3** **0**
pH	S.U.	6.17	6.11	***NA***	6.87	**0**	5.68	**0**	6.61	**0**	5.98	**0**	6.54	**0**	6.48	**0**	6.48	**0**	6.22	**0**	6.37	**0**	6.41	**0**	5.3	**0**	5<pH<9 5>pH>9	Microbes that degrade chlorinate hydrocarbons are sensitive to pH. Optimal range for reductive pathway. Outside optimal range for reductive pathway	**0** **-2**
Temperature	°C	20.1	20.8	***NA***	17.4	**0**	20.6	**1**	20.2	**1**	19	**0**	21.7	**1**	22.2	**1**	22.2	**1**	17.1	**0**	18.1	**0**	16.4	**0**	20.8	**1**	>20 ºC	Biochemical process is accelerated at T>20.	**1**
Dissolved Gases																													
Ethane	ug/l	<0.010	<0.010	***NA***	32.000	**2**	7.300	**0**	0.370	**0**	1.900	**0**	0.330	**0**	0.044	**0**	0.047	**0**	0.030	**0**	0.170	**0**	0.070	**0**	<0.010	**0**	>0.01 mg/L	Daughter product of VC	**2**
Ethene	ug/l	<0.010	<0.010	***NA***	1.500	**0**	0.310	**0**	0.840	**0**	3.300	**0**	0.120	**0**	0.053	**0**	0.054	**0**	<0.010	**0**	<0.010	**0**	<0.010	**0**	<0.010	**0**	>0.1 mg/L	Daughter product of VC	**3**
Methane	ug/l	1.000	1.100	***NA***	330.000	**0**	130.000	**0**	110.000	**0**	43.000	**0**	2.4	**0**	0.170	**0**	0.170	**0**	0.400	**0**	1.100	**0**	0.690	**0**	0.380	**0**	>0.5 mg/L <0.5 mg/L	Ultimate reductive daughter product. Presence of methane is the ultimate indicator of reducing conditions since methane is utilized after all oxygen, nitrate, iron and sulfate are depleted. VC oxidizes	**3** **0**
Volatile Organic Compounds																													
Benzene	ug/l	<1.0	<1.0	***NA***	<1.0	**0**	<1.0	**0**	<5.0	**0**	<500	**0**	<20	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<10	**0**	<10	**0**	<1.0	**0**	>0.1 mg/L	Carbon and energy source; drives dechlorination.	**2**
Chloroethane	ug/l	<1.0	<1.0	***NA***	<1.0	**0**	<1.0	**0**	<5.0	**0**	<500	**0**	<20	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<10	**0**	<10	**0**	<1.0	**0**	NA	Daughter product of VC under reducing conditions	**2**
1,1-Dichloroethane	ug/l	<1.0	<1.0	***NA***	6.8	**2**	2.5	**2**	<5.0	**0**	<500	**0**	<20	**0**	2.1	**2**	2.0	**2**	<1.0	**0**	<10	**0**	<10	**0**	<1.0	**0**	NA	Daughter product of TCA under reducing conditions	**2**
1,1-Dichloroethene	ug/l	<1.0	<1.0	***NA***	0.54	**0**	<1.0	**0**	<5.0	**0**	<500	**0**	<20	**0**	7.0	**0**	6.5	**0**	<1.0	**0**	3.9	**0**	<10	**0**	<1.0	**0**	NA	Material released	**0**
cis-1,2-Dichloroethene	ug/l	<1.0	<1.0	***NA***	57	**2**	64	**2**	180	**2**	58000	**2**	1500	**2**	520	**2**	400	**2**	53	**2**	490	**2**	510	**2**	1.4	**2**	NA	Daughter product of TCE If cis is>80% of total DCE, it is likely a daughter product.	**2**
Ethylbenzene	ug/l	<1.0	<1.0	***NA***	<1.0	**0**	<1.0	**0**	<5.0	**0**	<500	**0**	<20	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<10	**0**	<10	**0**	<1.0	**0**	>0.1 mg/L	Carbon and energy source; drives dechlorination.	**2**
Tetrachloroethene	ug/l	0.40	<1.0	***NA***	0.33	**0**	140	**0**	340	**0**	53000	**0**	2200	**0**	300	**0**	230	**0**	71	**0**	800	**0**	800	**0**	710	**0**	NA	Material released	**0**
Toluene	ug/l	<1.0	<1.0	***NA***	<1.0	**0**	<1.0	**0**	<5.0	**0**	<500	**0**	<20	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<10	**0**	<10	**0**	<1.0	**0**	>0.1 mg/L	Carbon and energy source; drives dechlorination.	**2**
1,1,1 Trichloroethane	ug/l	<1.0	<1.0	***NA***	<1.0	**0**	<1.0	**0**	<5.0	**0**	<500	**0**	<20	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<10	**0**	<10	**0**	0.58	**0**	NA	Material released - informative only	**0**

Table 22. Ground-Water Sample Analytical Results: MNA Parameters

	Units	MW-BG-B1(I) (7/11/05)	MW-BG-B1(D) (7/11/05)	Background Upper Limit	MW-BG-B3(S) (7/12/05)	Points Awarded	MW-BG-B3(I) (7/12/05)	Points Awarded	MW-BG-B3(D) (7/12/05)	Points Awarded	MW-BG-B4(S) (7/13/05)	Points Awarded	MW-BG-B4(I) (7/13/05)	Points Awarded	MW-BG-B4(D) (7/13/05)	Points Awarded	MW-BG-B4(D) DUP (7/13/05)	Points Awarded	MW-BG-B5(S) (7/14/05)	Points Awarded	MW-BG-B5(I) (7/14/05)	Points Awarded	MW-BG-B5(D) (7/14/05)	Points Awarded	MW-B4-02(S) (7/14/05)	Points Awarded	Optimum Concentration Range (per NCDWM Guide)	Comments	Points Awarded
Trichloroethene	ug/l	<1.0	<1.0	***NA***	<1.0	**0**	35	**2**	180	**2**	14000	**2**	310	**2**	81	**2**	75	**2**	14	**2**	100	**2**	97	**2**	1.4	**2**	NA	Material released Daughter product of PCE	**0** **2**
Vinyl chloride	ug/l	<1.0	<1.0	***NA***	17	**2**	9.4	**2**	<5.0	**0**	1600	**2**	49	**2**	<1.0	**0**	<1.0	**0**	<1.0	**0**	6.2	**2**	<10	**0**	<1.0	**0**	NA	Material released. Daughter product of DCE	**0** **2**
m&p Xylene	ug/l	<2.0	<2.0	***NA***	<2.0	**0**	<2.0	**0**	<10.0	**0**	<1000	**0**	<40	**0**	<2.0	**0**	<2.0	**0**	<2.0	**0**	<20	**0**	<20	**0**	<2.0	**0**	>0.1 mg/L	Carbon and energy source; drives dechlorination.	**2**
o-Xylene	ug/l	<1.0	<1.0	***NA***	<1.0	**0**	<1.0	**0**	<5.0	**0**	<500	**0**	<20	**0**	<1.0	**0**	<1.0	**0**	<1.0	**0**	<10	**0**	<10	**0**	<1.0	**0**	>0.1 mg/L	Carbon and energy source; drives dechlorination.	**2**
Volatile Fatty Acids																													
Acetic Acid	mg/l	<0.070	<0.070	***NA***	<0.070	**0**	<0.070	**0**	0.326	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	>0.1 mg/L	Organic acid intermediates resulting from biodegradation of more complex compounds, carbon and energy source.	**2**
Butyric Acid	mg/l	<0.070	<0.070	***NA***	<0.070	**0**	<0.070	**0**	<0.070	**0**	0.083	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	>0.1 mg/L		
Hexanoic Acid	mg/l	<0.100	<0.100	***NA***	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	>0.1 mg/L		
i-Hexanoic Acid	mg/l	<0.100	<0.100	***NA***	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	>0.1 mg/L		
i-Pentanoic Acid	mg/l	<0.070	<0.070	***NA***	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	>0.1 mg/L		
Lactic Acid and HIBA	mg/l	<0.100	<0.100	***NA***	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	<0.100	**0**	>0.1 mg/L		
Pentanoic Acid	mg/l	<0.070	<0.070	***NA***	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	>0.1 mg/L		
Propanoic Acid	mg/l	<0.070	<0.070	***NA***	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	>0.1 mg/L		
Pyruvic Acid	mg/l	<0.070	<0.070	***NA***	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	<0.070	**0**	>0.1 mg/L		
Total Points						**21**		**14**		**17**		**19**		**10**		**13**		**13**		**12**		**9**		**9**		**2**			

Table 23. Summary of MNA Screening

Location	Total Points Awarded	Interpretation
MW-BG-B1(I)	NA	Background location
MW-BG-B1(D)	NA	Background location
MW-BG-B3(S)	21	Strong evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B3(I)	14	Limited evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B3(D)	17	Adequate evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B4(S)	19	Adequate evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B4(I)	10	Limited evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B4(D)	13	Limited evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B4(D) DUP	13	Limited evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B5(S)	12	Limited evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B5(I)	9	Limited evidence for anaerobic biodegradation of chlorinated organics
MW-BG-B5(D)	9	Limited evidence for anaerobic biodegradation of chlorinated organics
MW-B4-02(S)	2	Inadequate evidence for anaerobic biodegradation of chlorinated organics

The Kelly-Buck Company
2130 Superior Avenue ● Suite 3A ● Cleveland, OH 44114 ● Phone: 216-861-1716 ● Fax: 216-861-1715

Table 24. Sample Analytical Results: Characterization of Building Materials and Residues

		AREA 6 EAST PIT	AREA 6 WEST PIT	CONC-01	CONC-02	CONC-03	CONC-04	CONC-05	CONC-06	WOOD-01	WOOD-02	WOOD-03	EPA Limit	NCDENR Contained Out Limit (soil)
		08/12/05 15:00	08/12/05 15:00	06/19/06 14:20	06/19/06 15:10	06/19/06 15:25	06/19/06 15:50	06/19/06 16:10	06/19/06 19:10	06/19/06 17:10	06/19/06 17:50	06/19/06 18:30		
Metals, TCLP														
Antimony	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**1.5**
Arsenic	mg/l	**0.013**	**0.023**	NA	NA	NA	<0.025	<0.025	NA	**0.020**	**0.014**	**0.028**	**5.0**	**<5**
Barium	mg/l	**2.8**	**0.88**	NA	NA	NA	**0.42**	**0.24**	NA	**0.53**	**0.46**	**0.42**	**100.0**	**<100**
Beryllium	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**7.3**
Cadmium	mg/l	**0.042**	**0.034**	NA	NA	NA	**0.0038**	**0.0028**	NA	**0.014**	**0.020**	**0.0089**	**1.0**	**<1**
Chromium	mg/l	**0.028**	**0.029**	NA	NA	NA	**2.4**	**0.011**	NA	**1.1**	**0.66**	**0.82**	**5.0**	**<5**
Hexavalent Chromium	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Copper	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**100**
Lead	mg/l	**0.018**	**0.0066**	NA	NA	NA	<0.025	<0.025	NA	**0.15**	**0.096**	**0.033**	**5.0**	**<5.0**
Manganese	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Mercury	mg/l	**0.00019**	**0.00011**	NA	NA	NA	**0.00015**	**0.00024**	NA	**0.00012**	**0.00014**	**0.00022**	**0.2**	**<0.2**
Nickel	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**10**
Selenium	mg/l	<0.025	**0.015**	NA	NA	NA	**0.14**	**0.076**	NA	<0.025	<0.025	**0.041**	**1.0**	**<1**
Silver	mg/l	<0.010	<0.010	NA	NA	NA	**0.016**	**0.024**	NA	**0.0041**	**0.0025**	**0.0025**	**5.0**	**<5**
Thallium	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.24**
Zinc	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**105**
RCRA Characteristics														
pH	units	**9.60**	**8.70**	NA	NA	NA	NA	NA	NA	NA	NA	NA	**<2, >12.5**	**NA**
Free Liquids	ml/5min	<1.0	<1.0	NA	NA	NA	NA	NA	NA	NA	NA	NA	**Any**	**NA**
Flash Point	deg F	>140 deg F	>140 deg F	NA	NA	NA	NA	NA	NA	NA	NA	NA	**<140 deg F**	**NA**
Ignitability	mm/sec	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Cyanide (Reactive)	mg/kg **or** mg/L	<1.6	<1.6	NA	NA	NA	NA	NA	NA	NA	NA	NA	**250(1)**	**NA**
Sulfide (Reactive)	mg/kg **or** mg/L	<16	<16	NA	NA	NA	NA	NA	NA	NA	NA	NA	**500(1)**	**NA**
Polychlorinated Biphenyls														
PCB-1016 (Aroclor 1016)	ug/kg	<240	<52.	<170	<35.	<3400	<3400	<170	<34.	<280	<3200	<300	**NA**	**NA**
PCB-1221 (Aroclor 1221)	ug/kg	<240	<52.	<170	<35.	<3400	<3400	<170	<34.	<280	<3200	<300	**NA**	**NA**
PCB-1232 (Aroclor 1232)	ug/kg	<240	<52.	<170	<35.	<3400	<3400	<170	<34.	<280	<3200	<300	**NA**	**NA**
PCB-1242 (Aroclor 1242)	ug/kg	<240	<52.	<170	<35.	<3400	<3400	<170	<34.	<280	<3200	<300	**NA**	**NA**
PCB-1248 (Aroclor 1248)	ug/kg	<240	<52.	<170	<35.	<3400	<3400	<170	<34.	<280	<3200	<300	**NA**	**NA**
PCB-1254 (Aroclor 1254)	ug/kg	**2100**	<52.	**390**	**150**	**19000**	**7500**	**1100**	**230**	**1800**	**28000**	**970**	**NA**	**NA**
PCB-1260 (Aroclor 1260)	ug/kg	<240	<52.	<170	<35.	<3400	<3400	<170	<34.	<280	<3200	<300	**NA**	**NA**
Total PCBs	ug/kg	**2100**	ND	**390**	**150**	**19000**	**7500**	**1100**	**230**	**1800**	**28000**	**970**	**50,000(2)**	**50,000**
Volatile Organic Compounds, TCLP														
Acetone	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**70**
Acetonitrile	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**10**
Acrolein	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.0042**
Acrylonitrile	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.0039**
Allyl chloride	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**1**
tert-Amylmethyl ether	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
tert-Amyl Alcohol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**

Table 24. Sample Analytical Results: Characterization of Building Materials and Residues

		AREA 6 EAST PIT	AREA 6 WEST PIT	CONC-01	CONC-02	CONC-03	CONC-04	CONC-05	CONC-06	WOOD-01	WOOD-02	WOOD-03	EPA Limit	NCDENR Contained Out Limit (soil)
		08/12/05 15:00	08/12/05 15:00	06/19/06 14:20	06/19/06 15:10	06/19/06 15:25	06/19/06 15:50	06/19/06 16:10	06/19/06 19:10	06/19/06 17:10	06/19/06 17:50	06/19/06 18:30		
Benzene	mg/l	<0.010	**0.011**	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**0.5**	**<0.5**
Bromobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Bromochloromethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Bromodichloromethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.056**
Bromoform	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.44**
Bromomethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
2-Butanone (MEK)	mg/l	<0.010	**0.012**	NA	NA	NA	NA	NA	NA	NA	<0.10	<3.1	**NA**	**<200**
n-Butylbenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**7**
sec-Butylbenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**7**
tert-Butylbenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**7**
3,3-Dimethyl-1-Butanol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
tert-Butyl Formate	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Carbon disulfide	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Carbon tetrachloride	mg/l	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**0.5**	**<0.5**
Chlorobenzene	mg/l	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**100.0**	**<100**
Chloroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
2-Chloroethylvinyl ether	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Chloroform	mg/l	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**6.0**	**<6**
Chloromethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Chloroprene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
2-Chlorotoluene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**14**
4-Chlorotoluene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Cyclohexane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,2-Dibromo-3-chloropropane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.0025**
Dibromochloromethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.041**
1,2-Dibromoethane (EDB)	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.00004**
Dibromomethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,2-Dichlorobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**2.4**
1,3-Dichlorobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**17**
1,4-Dichlorobenzene	mg/l	<0.0050	<0.0050	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**7.5**	**<7.5**
cis-1,4-Dichloro-2-butene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
trans-1,4-Dichloro-2-butene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.00012**
Dichlorodifluoromethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,1-Dichloroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,2-Dichloroethane	mg/l	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**0.5**	**<0.5**
1,1-Dichloroethene	mg/l	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**0.7**	**<0.7**
cis-1,2-Dichloroethene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**7**
trans-1,2-Dichloroethene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**10**
1,2-Dichloropropane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,3-Dichloropropane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.019**
2,2-Dichloropropane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,1-Dichloropropene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
cis-1,3-Dichloropropene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.019**
trans-1,3-Dichloropropene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.019**

Table 24. Sample Analytical Results: Characterization of Building Materials and Residues

		AREA 6 EAST PIT	AREA 6 WEST PIT	CONC-01	CONC-02	CONC-03	CONC-04	CONC-05	CONC-06	WOOD-01	WOOD-02	WOOD-03	EPA Limit	NCDENR Contained Out Limit (soil)
		08/12/05 15:00	08/12/05 15:00	06/19/06 14:20	06/19/06 15:10	06/19/06 15:25	06/19/06 15:50	06/19/06 16:10	06/19/06 19:10	06/19/06 17:10	06/19/06 17:50	06/19/06 18:30		
Diisopropyl ether	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,4-Dioxane (p-Dioxane)	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.7**
Ethanol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Ethylbenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Ethyl methacrylate	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Ethyl-tert-butyl ether	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Hexachloro-1,3-butadiene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.5**	**<0.5**
2-Hexanone	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**28**
Iodomethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Isobutanol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Isopropylbenzene (Cumene)	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**7**
p-Isopropyltoluene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Methacrylonitrile	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.1**
Methyl acetate	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Methylcyclohexane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Methylene chloride	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.5**
Methyl methacrylate	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
4-Methyl-2-pentanone (MIBK)	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
2-Methyl-2-propanol	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Methyl-tert-butyl ether	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Naphthalene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**2.1**
Propionitrile	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
n-Propylbenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**7**
Styrene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**10**
1,1,1,2-Tetrachloroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.043**
1,1,2,2-Tetrachloroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.017**
Tetrachloroethene	mg/l	**0.062**	**0.010**	NA	NA	NA	NA	NA	NA	NA	**0.056**	**0.39**	**0.7**	**<0.7**
Tetrahydrofuran	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.16**
Toluene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,2,3-Trichlorobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,2,4-Trichlorobenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.72**
1,1,1-Trichloroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,1,2-Trichloroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**0.02**
Trichloroethene	mg/l	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**0.5**	**<0.5**
Trichlorofluoromethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,2,3-Trichloropropane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,1,2-Trichlorotrifluoroethane	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,2,4-Trimethylbenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
1,3,5-Trimethylbenzene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
Vinyl acetate	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**41**
Vinyl chloride	mg/l	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	<0.0050	<0.16	**0.2**	**<0.2**
Xylene (Total)	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
m&p-Xylene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**
o-Xylene	mg/l	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**NA**	**NA**

Table 24. Sample Analytical Results: Characterization of Building Materials and Residues

		AREA 6 EAST PIT	AREA 6 WEST PIT	CONC-01	CONC-02	CONC-03	CONC-04	CONC-05	CONC-06	WOOD-01	WOOD-02	WOOD-03	EPA Limit	NCDENR Contained Out Limit (soil)
		08/12/05 15:00	08/12/05 15:00	06/19/06 14:20	06/19/06 15:10	06/19/06 15:25	06/19/06 15:50	06/19/06 16:10	06/19/06 19:10	06/19/06 17:10	06/19/06 17:50	06/19/06 18:30		
Semivolatile Organic Compounds, TCLP														
1,4-Dichlorobenzene	mg/l	<0.75	<0.75	NA	NA	NA	NA	NA	NA	NA	NA	NA	**7.5**	**<7.5**
2,4-Dinitrotoluene	mg/l	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.13**	**<0.13**
Hexachloro-1,3-butadiene	mg/l	<0.050	<0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.5**	**<0.5**
Hexachlorobenzene	mg/l	<0.013	<0.013	NA	NA	NA	NA	NA	NA	NA	NA	NA	**0.13**	**<0.13**
Hexachloroethane	mg/l	<0.30	<0.30	NA	NA	NA	NA	NA	NA	NA	NA	NA	**3.0**	**<3.0**
2-Methylphenol (o-Cresol)	mg/l	<0.050	<0.050	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200.0**	**<200**
3&4-Methylphenol	mg/l	<0.010	<0.010	NA	NA	NA	NA	NA	NA	NA	NA	NA	**200.0**	**<200**
Nitrobenzene	mg/l	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.0**	**<2.0**
Pentachlorophenol	mg/l	<10.	<10.	NA	NA	NA	NA	NA	NA	NA	NA	NA	**100.0**	**<100**
Pyridine	mg/l	<0.50	<0.50	NA	NA	NA	NA	NA	NA	NA	NA	NA	**5.0**	**<5**
2,4,5-Trichlorophenol	mg/l	<40.	<40.	NA	NA	NA	NA	NA	NA	NA	NA	NA	**400.0**	**<400**
2,4,6-Trichlorophenol	mg/l	<0.20	<0.20	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2.0**	**<2**

(1) EPA interim guidance limit
(2) Toxic Substance Disposal Act disposal limit for wastes containing PCBs