Notice of On-Site Cleanup and Disposal of PCB Remediation Waste and Application for Risk-Based Disposal Approval ("Hybrid Plan")

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

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This document originally issued and sealed by Michael J. Lyden, P.E., NC engineering license #028510, on 04/14/2010. This medium shall not be considered a certified document.

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Notice of On-Site Cleanup and Disposal of PCB Remediation Waste and Application for Risk-Based Disposal Approval ("Hybrid Plan") Former Copes-Vulcan Facility, Charlotte, North Carolina

1.0 INTRODUCTION

1.1 Summary

This Hybrid Plan is being submitted to U.S. Environmental Protection Agency for a planned cleanup of soil and debris impacted by polychlorinated biphenyls (PCBs) at the Former Copes-Vulcan site ("Site") located at 601 West Summit Avenue, Charlotte, North Carolina. The PCB cleanup is part of a voluntary remedial action being implemented by the site owner, Electrolux Home Products, Inc. (Electrolux), pursuant to an Administrative Agreement For Registered Environmental Consultant – Directed Assessment and Remedial Action ("REC Agreement") with the North Carolina Department of Environment and Natural Resources (NCDENR).

The NCDENR requires completion of all soil remediation at the Site by July 24, 2011. In order to meet this deadline, the removal and off-site disposal of PCB remediation waste as detailed herein, is currently scheduled to begin in May of 2010. Therefore, Electrolux would greatly appreciate getting EPA's comments, if any, on this Hybrid Plan within the next 30 days if at all possible.

In accordance with NCDENR and EPA Toxic Substances Control Act (TSCA) requirements, the PCB cleanup goals and remedial actions for this project are as follows:

PCB Concentration	PCB Cleanup Goal & Remedial Action
Soil and other materials with PCBs at or below the 1 ppm remedial goal (RG)	No removal - will remain on-site
Non-TSCA-regulated soil and other materials with PCBs greater than 1 ppm, but less than 50 ppm	Excavate, load into trucks and transport to a Subtitle D licensed municipal solid waste disposal facility
TSCA-regulated PCB remediation waste (i.e., soil and associated concrete, asphalt and other debris with PCBs greater than or equal to 50 ppm	Excavate, loaded into trucks and transport to a permitted TSCA waste disposal facility

All PCB remediation waste exceeding the unrestricted RG of 1 ppm will be excavated and disposed off-site. Based on results of the pre-remedial characterization sampling, the horizontal and vertical limits of removal areas have been defined and sub-divided, based on as-found concentrations, for disposal at a municipal solid waste landfill (PCB concentration below 50 ppm), or disposal at a TSCA-regulated facility (PCB concentration 50 ppm or above). For the

TSCA-regulated soil, waste disposal profiles have been submitted to, and approved by, the following TSCA-permitted facilities: Waste Management, Inc., Emelle, Alabama; and The Environmental Quality Company (EQ), Belleville, Michigan.

The excavation, removal and off-site disposal of impacted soil and associated debris provides for the protection of human health and the environment by effectively removing the contaminant sources from the site; thereby achieving site RGs for soil, eliminating the potential for human health risks associated with direct contact or other exposure to PCBs, and preventing release and migration of PCBs into the environment.

1.2 Basis and Organization of Hybrid Plan

Prior Inquiries to EPA

The basis for, and timing of, submittal of this Hybrid Plan stems from a recent inquiry to EPA, and the fact that this inquiry resulted in guidance which differed from earlier guidance provided by EPA in 2006. The 2006 and recent discussions with EPA are summarized in the following paragraphs.

On August 14, 2006, Mr. Michael J. Lyden, P.E., Registered Site Manager under the NCDENR REC Program and Project Manager for the Copes-Vulcan remedial action, contacted Mr. Craig Brown, who at the time was the Regional PCB Coordinator for EPA Region 4. Mr. Lyden specifically conveyed the following information to Mr. Brown:

- PCB contamination had been detected in Site soil during the remedial investigation;
- the source of the PCBs was unknown, and appeared to have originated from former Site maintenance activity during the 1950's to early 1970's, as evidenced by the impacted soil area being overlain by fill, pavement and building additions constructed between 1954 and 1973;
- the Site was being remediated under the NCDENR REC program and a corresponding REC Agreement; and
- detailed grid soil sampling was being planned in order to delineate the extent of PCB contamination above remedial goals, and to characterize as-found PCB concentrations in preparation for upcoming excavation and off-site disposal.

Mr. Lyden asked Mr. Brown if EPA required submittal of notifications, sampling plans and/or remediation plans for EPA review. Mr. Brown stated that, if the PCB release or spill clearly occurred after July 1, 1979, then EPA would need to be involved; however, given the fact that any potential release occurred well before July 1979, then notifications to and approvals by EPA were not required.

On February 19, 2010, Mr. Lyden once again contacted EPA to confirm that Mr. Brown's prior guidance remained valid. Mr. Lyden spoke with Ms. Pat Anderson, current EPA Region 4

contact for PCB cleanups, and was informed that Mr. Brown had since retired from EPA. Ms. Anderson was unable to locate prior correspondence records between Messrs. Brown and Lyden, and advised that a PCB remediation plan should be submitted for EPA review and approval.

Purpose and Organization of the Hybrid Plan

The purpose of this Hybrid Plan is to provide EPA with the necessary information in order to review plans for cleanup and disposal of PCB remediation waste at the Site. Remedial plans for the PCB cleanup at this Site have been designed for consistency with self-implementing cleanup and disposal procedures described under 40 CFR Part 761.61(a). However, as discussed therein, the self-implementing procedure is considered less practical for larger sites (such as the Copes-Vulcan site, where the overall extent of PCB impacts encompasses over three acres). In such instances, the Part 761 regulations indicate that the self-implementing procedures still apply, but that an EPA Regional Administrator may authorize more practical procedures through 40 CFR Part 761.61(c); i.e., risk-based disposal approval. As a result, this Hybrid Plan is intended to serve two purposes: (1) provide notification of planned cleanup and disposal of PCB remediation waste under self-implementing procedures under 40 CFR Part 761.61(a); and (2) submit an application for approval of risk-based cleanup and disposal of PCB remediation waste under 40 CFR Part 761.61(c), to the extent that cleanup plans differ from self-implementing procedures.

This Hybrid Plan is organized in accordance with the information categories required under 40 CFR Part 761.61(a)(3), which apply to EPA submittals for both self-implementing notifications and applications for risk-based disposal approval.

2.0 NATURE OF THE CONTAMINATION

2.1 Background Information

Site Location and Layout

The Site is located at 601 West Summit Avenue, in a mixed industrial and residential area in Charlotte, Mecklenburg County, North Carolina (see Figure 1).

A drawing showing the site survey, a site topographic map and layout, and PCB sampling locations is included as Figure 2. The Site encompasses a total area of 19 acres. Approximately one-half of the Site was previously developed and used for manufacturing, and the remainder is undeveloped.

Site History

Initial Site development took place in the mid-1940s when Whitin Machine Works (Whitin) constructed and operated a manufacturing plant for production of textile machinery. Whitin initially constructed an 80,000 square foot (sq ft) manufacturing and office building in the

eastern portion of the Site. Four subsequent building additions were constructed between the late-1940s and 1973, resulting in a final main building size of 185,000 sq ft. Between the 1940s and the early-1970s, rail spurs were operated and later abandoned to the north of the building, and a gravel-covered parking lot to the west of the main building was paved with asphalt.

In the mid-1970's, Whitin vacated the Site. In the late-1970s, the site was re-occupied by Copes-Vulcan, Inc. (Copes-Vulcan) for manufacturing of boiler cleaning equipment and industrial valves. Copes-Vulcan ceased manufacturing activities at the Site in 1992. From the mid-1990's until approximately 2007, portions of the main building were leased to several tenants, primarily involving Carocraft Cabinets, a small fabricator of wood cabinets and fixtures. In 2007, Carocraft vacated the Site, and all buildings on the property were demolished down to the concrete slab foundation.

Summary of Prior Environmental Assessments and Remediation

2002 – 2003: Phase I and Phase II Environmental Site Assessments (ESAs) were completed in order to prepare the Site for sale. The Phase II ESA identified soil and ground-water impacts involving volatile organic compounds (VOCs), along with soil impacts involving polycyclic aromatic hydrocarbons (PAHs), hexavalent chromium (Cr+6) and PCBs. In July of 2003, Electrolux entered into the REC Agreement with the NCDENR in order to implement a remedial action at the Site.

2004 – 2006: A Remedial Investigation (RI) was completed in order to investigate areas of concern, and to delineate the extent of contamination. The RI included completion of over 100 soil borings and installation of 30 ground-water monitoring wells, and collection and laboratory analysis of several hundred samples of soil, ground water and surface water.

2006 – 2007: A Step One Remedial Action Plan (RAP) and Step One Remedial Design were prepared and implemented. This phase of the remedial action was completed in conjunction with demolition of site buildings. The remedial work included removal of creosoted wood flooring and underlying soil containing elevated PAHs, and remediation of VOC-impacted soil beneath a portion of the main building.

2008 – 2009: A Step Two RAP was prepared, which set out the scope of remaining remedial actions in order to address soil and ground-water impacts associated with VOCs and Cr+6, as well as soil impacts associated with PCBs and other contaminants. Following completion of the Step Two RAP, a Pre-Remedial Characterization Sampling program was designed and completed at the Site. The main focus of this program was to conduct detailed grid sampling throughout the area of PCB-impacted soil, to determine as-found PCB concentrations in soil for planning of removal and off-site disposal.

2009 – 2010: Using the results of the Pre-Remedial Characterization Sampling as a basis, the Step Two Remedial Design was completed, permits and other approvals were procured, and bid requests were released to contractors for execution of the remedial work. The main scope of the

planned Step Two Remedial Action includes: (a) construction and operation of in-situ soil and ground-water treatment systems in three identified VOC source areas and one Cr+6 source area; (b) removal and off-site disposal of soil and debris (i.e., overlying asphalt and concrete) exhibiting PCB concentrations above the Site Remedial Goal (RG) of 1 milligram per kilogram (mg/kg, or part per million (ppm)) as identified by NCDENR. Disposal of soil and debris with as-found PCB concentrations at or above 50 ppm will occur at a facility permitted under TSCA. Disposal of soil and debris with PCB concentrations below 50 ppm will occur at a Subtitle D licensed municipal solid waste landfill. Site work for the Step Two Remedial Action is currently scheduled to begin in May of 2010, in order to meet a July 2011 deadline for all remedial work as mandated under the REC Agreement.

2.2 PCB Sampling Results from Prior Characterization

Site sampling and analysis for PCBs began with limited soil sampling during the Phase II ESA in 2002, continued with detailed sampling of soil, surface water, and ground water during two phases of the RI between 2004 and 2006, and concluded with intensive pre-remediation grid sampling in 2008 and 2009. Sample locations are shown on Figure 2. Additional drawings taken from prior RI and pre-remedial characterization reports are included in the Appendices. Tabulated sample data are included in the Appendices as referenced and discussed below.

Phase II ESA

In 2002, a Phase II ESA was completed at the Site, and included collection of six soil samples near the northeast corner of the main building for laboratory analysis for PCBs. Soil sampling locations are referenced as B2-01 through B2-03 on Figure 2, and laboratory results are included in Table C-3, Appendix A.

These samples were collected in response to observed oil staining near loading docks and associated hydraulic dock leveling equipment. Results indicated the presence of PCBs (Aroclor 1254, referred to herein as PCB-1254) in soil beneath the raised concrete dock attached to the building, at 1.9 to 4.4 ppm, to a depth of 4.5 ft below the raised dock floor elevation, but absent at 8 ft below the raised dock floor elevation. PCB-1254 was also detected in soil adjacent to the loading dock, at a maximum of 9 ppm, and at depths of 2.5 to 4.5 ft below ground surface (bgs). At the time, these PCB detections were assumed to be associated with the oil residues from the hydraulic dock levelers; however, subsequent investigation, as discussed below, indicated that the PCBs were unrelated to this equipment, and were associated with historical activities that took place prior to construction of building addition and paving of drives and parking areas.

Phase I Remedial Investigation

The Phase I RI was completed at the site in 2004. Pursuant to NCDENR REC rules and guidelines, the RI included sampling of soil, ground water and surface water in identified areas of potential concern, and sample analysis for a comprehensive list of chemical analytes,

including VOCs, semivolatile organic compounds (SVOCs), EPA target analyte list (TAL) metals, cyanide and PCBs.

With respect to PCBs, the Phase I RI included collection and analysis of 32 surface and subsurface soil samples; nine surface-water samples collected from the intermittent/ephemeral drainage channels during a wet-weather runoff event; nine surface soil/sediment samples collected from those same intermittent/ephemeral drainage channels; 28 ground-water samples collected from shallow, intermediate and deep monitoring wells installed throughout the Site; and four samples of other media (creosoted cinders and gravel beneath wood flooring within a portion of the original building; oil and water from an air compressor system). Sample locations are shown on Figure 2, and results are tabulated in Appendix B.

Results associated with sampling and analysis for PCBs during the Phase I RI are described as follows:

- Multiple depth interval soil sampling in soil boring #B2-04, located just east of previously detected PCBs in the northeast dock area during the Phase II ESA, showed an absence of detectable PCBs between 0 and 8 ft bgs. Ground-water monitoring well #MW-B2-04S was installed and sampled at this location, and showed no detectable PCBs at a laboratory reporting limit (RL) of 1 microgram per liter (ug/L).
- Soil samples were collected from soil boring #B1-02, located on the gravel drive along the north exterior of the main building. Results showed PCB-1254 at 16 ppm near surface, decreasing to 4 ppm at 3-4 ft bgs , and to 0.07 ppm at 10-11 ft bgs. Ground-water monitoring well #MW-B1-02S was installed and sampled at this location, and showed no detectable PCBs at a laboratory RL of 1 ug/L.
- PCBs were detected at two locations inside the north portion of the building, including soil boring #B12-01, located beneath the North Building Addition constructed in the 1950s; and soil boring #B13-01, located beneath the northwest truck dock and West Building Addition constructed in 1973 (known as the 1973 Addition). Boring #B12-01 showed PCB-1254 at 670 ppm in soil at 3-4 ft below the building floor (slightly below grade elevation outside the building to the north, and near pre-construction grade elevation prior to filling and construction of the North Building Addition). Another sample from boring #B12-01, at 11-12 ft below the building floor, showed PCB-1254 at 0.14 ppm. Ground-water monitoring well #MW-B12-01S was installed and sampled at this location, and showed no detectable PCBs at a laboratory RL of 1 ug/L. Similarly, Boring #B13-01, near the northwest corner of the building, showed PCB-1254 at 22 ppm in soil at 4-5 ft below the building floor (the building floor extends higher above surrounding grade here, so this is also slightly below grade elevation outside the building to the north and west, and near pre-construction grade elevation before the 1973 Addition was constructed). Another sample from this boring, at 10-11 ft below the building floor, showed PCB-1254 at 1.7 ppm. Ground-water monitoring well #MW-B13-01S was installed and sampled at this location, but has been dry since installation (total depth approximately 30 ft). Monitoring wells #MW-BG-B-4S, #MW-BG-B-4I and #MW-BG-

B-4D were installed and sampled roughly 100 ft downgradient of this location, and none of the three wells showed detectable PCBs at a laboratory RL of 1 ug/L.

- Soil sampling was completed in numerous other locations inside and outside the building, and in surficial soil present in the intermittent/ephemeral drainage channels on-site, during the Phase I RI. As indicated in Table 3 (Appendix B), virtually all of these remaining samples exhibited either no detectable PCBs, or exhibited PCB concentrations below the 1 ppm RG.
- In addition to the ground-water sample results discussed above, PCBs were not detected in any of the remaining ground-water samples collected throughout the site during the Phase I RI, at laboratory RLs of 1 microgram per liter (ug/L).
- PCBs were not detected in any of the nine surface-water samples collected during the Phase I RI, at laboratory RLs of between 0.5 and 1 microgram per liter (ug/L).

From these initial PCB sampling results (Phase I RI and prior Phase II ESA), the following patterns began to emerge for the Site:

- PCB detections in soil at several locations beneath the floor in the north portion of the building (i.e., beneath the Northeast Dock and North Building Addition constructed in the 1950s, and beneath the Northwest Dock and 1973 Addition constructed in 1973), and on the gravel drive adjacent to the north wall of the building, indicate that PCB releases to soil occurred throughout this area prior to construction of building additions, and during historical operation of the railroad spurs in this part of the property. Historical aerial photos and plant drawings show two former rail spurs present beneath the North Building Addition and adjacent to the north building wall. A long-time employee who worked at the facility beginning in the late-1940s reported that historical practices included spraying of oil onto the railroad tracks in the north portion of the property. Based on building records and aerial photos, these rail spurs were no longer in service by the early-1970s. Also, historical aerial photos and drawings showed a small out-building labeled "Oil Hut" as being present in the vicinity of boring #B13-01 (beneath the current building floor) prior to demolition during construction of the 1973 Addition and Northwest Dock. Spillage of PCB-containing oil in this area during the 1950s and 1960s is believed to have contributed to the PCB impacted soil.
- Sampling and analytical results for ground water, including shallow wells at locations where PCB soil impacts were detected, did not identify any detectable PCBs.
- Surface-water samples did not identify detectable PCBs, and surficial soil/sediment in the intermittent/ephemeral drainage channels showed either no detectable PCBs or levels between 0.1 and 0.3 ppm, below the 1 ppm RG.

Phase II Remedial Investigation

The Phase II RI was completed at the Site in 2005 and 2006. With respect to PCBs, the focus of the Phase II RI was to delineate the full extent of PCBs in soil above the RG of 1 ppm. Roughly 100 soil borings were completed in various portions of the site during this phase, and several hundred additional soil samples were collected and analyzed for PCBs. Soil boring locations are

shown in Figure 2. Tabulated sample analytical results associated with the Phase II RI are included in Appendix C. Findings and trends associated with PCB impacts, as defined during the Phase II RI, are summarized as follows:

- Results confirmed that PCBs were detectable in shallow soil beneath the North Addition of the main building, and beneath the gravel drive and former rail spur to the north of the building. Most concentrations were in the 1 to 10 ppm range; however, two samples in the northeast part of the area were above 50 ppm (North Road 05 at 110 ppm, and B2-10 at 62 ppm). Concentrations in soil beneath the north gravel drive diminished rapidly with depth below about 2 to 3 ft bgs, and likewise toward the chain-link fence along the north perimeter of the site.
- The Phase II RI also included shallow soil sampling beneath the asphalt parking lot located to the west of the building. PCB detections were variable, with some shallow locations showing no PCB detections or levels below the 1 ppm RG (e.g., #B13-23 and #B13-25), while other locations showed PCBs above both the 1 ppm RG and above 50 ppm (e.g., #B13-21 and #B13-22).
- Surface-water and ground-water samples continued to be free of detectable PCBs with one exception: deep bedrock well #MW-BGB5XD, located at the extreme west edge of the property and completed at a depth of over 200 ft, was initially sampled in November of 2005 and showed no detectable PCBs (the main purpose for this and other ground-water monitoring wells at the Site is related to impacts by VOCs, and to a limited extent, chromium). When well #MW-BGB5XD was re-sampled in April of 2006, the laboratory reported PCB-1260 present at 1 ug/L. Because PCB-1260 is generally absent at the site, and given the depth and location of this well, the result is considered suspect. Future ground-water sampling will be conducted during the upcoming remedial action to further assess and verify this finding.

2.3 Nature of Contamination

The overall interpretation of the nature of PCB contamination from prior assessment work (i.e., from the ESA and RI assessments completed before the recent pre-cleanup characterization grid sampling, which is discussed in the next section) is summarized as follows:

- PCBs are present in shallow soil beneath the North Building Addition, beneath the gravel drive and former rail spur just north of the north building wall, beneath portions of the 1973 Addition along the west end of the building, and beneath asphalt pavement in the north portion of the west parking lot. The total affected area is roughly three acres.
- The specific source of PCBs is unknown, but historical evidence supports the interpretation that application of oil to the surfaces of drives, parking areas and rail spurs (e.g., as a means to control dust and vegetation) occurred during the 1950s and 1960s. The age of the PCB contamination is supported by the known construction dates of building additions, paving work and operation of rail spurs associated with the affected

area. There have been no documented PCB spills or releases at the Site during any time since July 1979.

- Most PCB concentrations throughout the impacted area range from less than the 1 ppm RG, to roughly 10 ppm. The vast majority of PCB detections are not significantly above the 1 ppm RG, being in the 1 ppm to less than 10 ppm range, with a small number of results exceeding 25 to 50 ppm. Other isolated results have been detected in the 500 to 800 ppm range.
- PCB impacts predominantly affect the upper several feet of soil, with some areas in the west portion of the affected area showing impacts to greater depth – apparently due to the historical placement of fill soil over the impacted areas during construction of building additions.
- The presence of various physical barriers from the early years of Site operations has helped to define and limit the extent of impacted area. These barriers include the chain-link fence that has surrounded the developed portion of the Site since the 1960s or earlier, and the railroad right-of-way to the north of the building.
- The predominant material affected is shallow soil. Sampling of overlying gravel, concrete and asphalt indicates low but detectable levels of PCBs – typically below or slightly above the 1 ppm RG. Ground water and surface water are not impacted.

3.0 PRE-CLEANUP CHARACTERIZATION SAMPLING

3.1 Design and Implementation of Pre-Cleanup Grid Sampling

In July of 2008, a Pre-Remedial Characterization Work Plan was developed and submitted to NCDENR, and was implemented during 2008 and early-2009. The main focus of this work was to complete detailed grid sampling throughout the entire identified area of PCB-impacted soil. Objectives of this work were to (a) verify the full magnitude and extent of PCB impacts, both horizontally and vertically; and (b) determine as-found PCB concentrations in soil, in order to define sub-areas requiring management and disposal at a TSCA-permitted facility (50 ppm and above as-found), versus management and disposal at a Subtitle D solid waste landfill (less than 50 ppm as-found).

The grid sampling design and associated sampling and analytical procedures were developed and implemented in a manner consistent with the self-implementing cleanup and disposal procedures described under 40 CFR Part 761.61(a). However, due to the relatively large size of the PCB-impacted soil area (i.e., over three acres), a modified or “hybrid” approach was developed and implemented.

The following sections detail the collection methods utilized during the characterization sampling. On-site work was completed between August and December of 2008. Laboratory analysis of samples for PCBs was completed by Pace Analytical Laboratories (Pace). Surveying was completed by A. G. Zoutewelle Surveyors. Drilling and monitoring well installation was completed by Geologic Exploration, Inc.

Appendix D includes drawings showing the survey grid that was developed and laid out, along with detailed drawings showing the sampling results associated with each sub-area. Appendix D also includes a tabulation of the sample analytical results.

3.2 Sampling Procedures

A 25 ft by 25 ft sampling grid was established over the previously delineated limits of PCB-impacted soil sub-areas (identified as Sub-Areas #1 through #5). Grid cells were grouped together based on similarity of conditions, typically in groups of four adjoining cells extending in a row or forming a square. For example, four cells extending in a row from west to east along the north exterior of the former building slab would be combined to form a group composite, since conditions along this (former rail spur) segment are expected to be similar in an east-west direction (parallel to rail spurs, drives and building additions). Conversely, cells in the Sub-Area to the west of the building were generally composited in a two-by-two square fashion.

Soil borings were advanced to depths ranging from 5 to 10 ft bgs in the center of each grid cell using a direct-push drilling methods (i.e., Geoprobe® drilling rig and sampling system). Individual soil samples were collected at 1 ft intervals based on the observed layers within that sub-area. Clean, disposable nitrile gloves were worn during all sampling activities. Samples were immediately placed in laboratory-prepared containers, labeled with sample information, and placed in a cooler pending delivery to the laboratory for analysis of PCBs. Initially, one-half of each sample was composited with samples collected from similar depth intervals at up to four adjoining grid cells. The remaining portion of each sample was preserved as an individual sample for possible future analysis.

Initially, composited samples from the uppermost depth intervals underwent PCB analysis, while samples from the lower intervals were held for possible follow-up analysis. Following receipt and review of composite sample analytical results from the initial analyses, individual samples from selected composite groups and/or samples from deeper intervals at a given grid node were then analyzed for PCBs. For example, if a four-grid composite sample from 0 to 1 ft showed a PCB concentration only marginally above the 1 ppm RG or TSCA threshold, individual samples from that group may be analyzed to better assess the extent of exceedance.

When sampling at a grid node exceeded the 5 ft length of sampler tube used in the direct-push drilling machines, a dual tube Geoprobe® sampling system was utilized to help prevent caving of soil from shallow portions of the borehole wall to deeper sample intervals.

4.0 LOCATION AND EXTENT OF CONTAMINATED AREA

PCB Sub-Area #1

PCB Sub-Area #1 represents PCB-impacted soil along the northern portion of the property, north of the former building. In this area, a rail spur previously came onto the property from the east, and extended along about one-half of the north building wall. The tracks have not been active for at least several decades, but are still present beneath a shallow cover of gravel. The remainder of this sub-area, to the north and west of the rail spur, is covered with gravel and was used as a perimeter access drive. Laboratory results indicate that soil in portions of this area, particularly in the south and east portions of the area, exceed the 1 ppm RG for PCBs. Where the RG is exceeded, the depth of impact ranges from 1 to 2 ft bgs at some locations, to as deep as 5 ft bgs elsewhere. Soil exceeding the 50 ppm TSCA threshold was identified in several grid nodes and composite groups.

PCB Sub-Area #2

PCB Sub-Area #2 is directly south of the eastern portion of Sub-Area #1, and extends beneath the northeastern portion of the raised floor slab associated with the former building (i.e., the North Building Addition). Earlier assessment in this area had indicated that the upper several feet of fill soil beneath the raised slab exhibited little or no PCB impacts, while soil beneath this fill zone, associated with a pre-building road base and railroad spur, exhibited PCBs. Laboratory results associated with the current grid sampling generally confirmed this trend, although some of the fill soil results do exceed the 1 ppm RG. Much of the underlying soil associated with the pre-building road base and rail spur exceeds the 1 ppm RG, involving a depth interval from approximately 3.5 to 5.5 ft bgs. As with sub-area #1, portions of the soil exceed the 50 ppm TSCA threshold, mainly in the 3.5 to 4.5 ft bgs depth interval.

PCB Sub-Area #3

PCB Sub-Area #3 is located directly west of Sub-Area #2. The east portion of this sub-area is overlain by the raised concrete floor slab associated with the former North Building Addition, while the west portion involves a gravel road and vegetated areas to the west of the former building. Laboratory results indicate variable PCB concentrations in this area. Some grid nodes beneath the former building exceed the 1 ppm RG to depths of 6 to 9 ft bgs, whereas shallow soil in the west portion of Sub-Area #3 is generally below the RG. One sample location, D-20 (3-4 ft bgs), exceeded the 50 ppm TSCA threshold.

PCB Sub-Area #4

PCB Sub-Area #4 is south of the east portion of Sub-Area #3, and encompasses the area beneath a roughly 250 ft (north-south) by 100 ft (east-west) raised concrete slab section of the former building (i.e., the 1973 Addition). Laboratory results indicate that soil in the northern portion of

this area typically exceeds the 1 ppm RG to a depth of about 4 to 5 ft, with a majority of exceedances in the 1 to 2 ft bgs depth interval. PCB concentrations generally decreased with depth, and there were few exceedances of the RG in the south portion of Sub-Area 4. No sample results in Sub-Area #4 exceeded the 50 ppm TSCA threshold.

PCB Sub-Area #5

PCB Sub-Area #5 is located to the west of Sub-Area #4, and south of Sub-Area #3. This area measures approximately 280 ft (north-south) by 280 ft (east-west), and includes an asphalt-covered area to the west of the former building, and several grass-covered strips adjoining the chain-link fence. PCBs above the 1 ppm RG were detected to depths of 2 to 3 ft beneath much of the asphalt-covered area, typically more prevalent in the north and east portions of Sub-Area #5. Grass-covered areas to the south-southwest are essentially free of PCBs; however, the grass covered area in the west-central portion of Sub-Area #5 exhibits PCBs above the RG to depths of at least 10 ft. Exceedances of the 50 ppm TSCA threshold were identified in shallow soil beneath asphalt in the northeast portion of Sub-Area #5, and in much of the soil beneath the grass-covered area in the west-central portion of Sub-Area #5.

5.0 SITE CLEANUP PLAN

5.1 Schedule

The Step Two Remedial Action, including the removal and off-site disposal of PCB remediation waste, is scheduled to begin in May of 2010 and conclude in December of 2010, in order to meet the mandatory NCDENR deadline for all site remediation by July of 2011.

5.2 Disposal Technology

In accordance with NCDENR and TSCA requirements, the following PCB cleanup goals are targeted for the project:

PCB Concentration	PCB Cleanup Goal & Remedial Action
Soil and other materials with PCBs at or below the 1 ppm RG	No removal - will remain on-site
Non-TSCA-regulated soil and other materials with PCBs greater than 1 ppm, but less than 50 ppm	Excavate, load into trucks and transport to a Subtitle D licensed municipal solid waste disposal facility
TSCA-regulated PCB remediation waste (i.e., soil and associated concrete, asphalt and other debris with PCBs greater than or equal to 50 ppm	Excavate, loaded into trucks and transport to a permitted TSCA waste disposal facility

All PCB remediation waste exceeding the unrestricted RG of 1 ppm will be excavated and disposed off-site. Based on results of the pre-remedial characterization sampling, the horizontal and vertical limits of removal areas have been defined and sub-divided, based on as-found concentrations, for disposal at a municipal solid waste landfill (PCB concentration below 50 ppm), or disposal at a TSCA-regulated facility (PCB concentration 50 ppm or above). For the TSCA-regulated waste, waste profiles have been submitted to, and approved by, Waste Management, Inc., Emelle, Alabama, and The Environmental Quality Company (EQ), Belleville, Michigan.

Excavation, removal and off-site disposal of impacted soil and associated debris provides for the protection of human health and the environment by effectively removing the contaminant sources from the site; thereby achieving site RGs for soil, eliminating the potential for human health risks associated with direct contact or other exposure to PCBs, and preventing release and migration of PCBs into the environment.

5.3 Approach

Activities deemed necessary to implement removal and off-site disposal of PCB remediation waste are summarized below.

Definition and Segregation of Soil Removal Areas

- Results from the pre-remedial grid characterization were utilized to define specific removal areas and limits, for management and disposal as either TSCA (>/= 50 ppm) or non-TSCA (< 50 ppm) regulated waste. These remedial plans are shown on the detailed remedial design drawings included as Appendix E.

Preparation

- PCB removal sub-areas shown in Appendix E will be identified and marked in the field by survey as the remediation progresses.
- Decontamination areas for equipment and personnel will be constructed and utilized to ensure that PCB-contaminated soil and other residues are not spread or released elsewhere on-site.

Soil Excavation and Removal Activities

- PCB remediation waste will be excavated, removed and loaded from each of the designated sub-areas. Only direct loading of PCB remediation waste into trucks or containers will be permitted.
- Work in each removal sub-area will be segregated and performed separately and distinctly from one another.

- During soil excavation activities (i.e., loading and unloading), measures will be taken to minimize the generation of dust. Suppression methods (e.g., light water mist) will be used as deemed necessary.
- All trucks, vehicles, containers and equipment that could potentially come in contact with PCB-contaminated soil will be decontaminated before they leave the site.
- Decontamination residues will be contained, sampled and disposed of as required under TSCA and other applicable regulations.

Off-Site Transportation and Disposal

- Based on the final waste characterization results, pre-authorizations and approval have been obtained for transportation and disposal of remediation waste as non-TSCA or TSCA waste, as applicable.

Verification Sampling

- Following excavation of PCB-impacted soil, confirmatory sampling will be conducted to verify that soil meets applicable site RGs for PCBs.
- Similar to the sampling approach applied during the PCB characterization sampling, a 25 ft by 25 ft grid will be established over the previously delineated limits of PCB sub-areas. The grid origin will be moved 10 ft in the direction of magnetic north and 10 ft in the direction east of magnetic north.
- Individual samples will be collected at each grid node using a dedicated core sampler having a diameter greater than or equal to 2 centimeters (cm) and greater than or equal to 3 cm. Each sample will be collected to a maximum depth of 7.5 cm. Clean, disposable nitrile gloves will be worn during all sampling activities. Additional biased samples may also be collected from other areas based on field observations.
- Compositing of grid nodes will be conducted consistent with the characterization sampling procedures, that is, one-half of each sample will be composited from up to four adjoining grid cells, and the other half will be retained as individual samples. Samples to be composited will be placed in a clean compositing container, mixed with a dedicated utensil and transferred to laboratory-prepared containers for PCB analysis. Following receipt and review of composite sample analytical results from the initial analyses, individual samples from selected composite groups may be analyzed for PCBs.
- Vertification sampling will be conducted concurrent with excavation activities.
- Based on these results, additional soil excavation and confirmatory sampling may be conducted in 1.0 ft intervals, as deemed necessary. Additional verification samples will be collected and analyzed as discussed above until site RGs are met.

Additional Verification Sampling (Sidewall Sampling per NCDENR)

In addition to the verification sampling discussed above, additional post-excavation sampling will be conducted in accordance with NCDENR REC guidelines. The following highlights this sampling.

- Following excavation, a sampling grid will be established over the sidewalls of the excavated area. A grid node will be placed in the center of each sidewall with spacing typically at 25 ft. At each grid node, an individual soil sample will be collected from 0.0 to 3.0 inches into the sidewall of the excavation. Additional biased samples may also be collected from other areas based on field observations.
- Samples from adjacent grid nodes may be composited for excavations measuring less than 62,500 sq ft. Samples from different sidewalls will not be composited.
- Based on these results, additional soil excavation and confirmatory sampling may be conducted as deemed necessary. Additional verification samples will be collected and analyzed as discussed above until site RGs are met.

Contingencies

If unanticipated higher concentrations and/or wider distributions of PCB remediation waste are found or other obstacles force changes in the cleanup approach, current plans are to continue with additional pre-characterization sampling, removal and off-site disposal, and confirmatory sampling following procedures detailed in this Plan, as needed, until the RG of 1 ppm is achieved for all PCB soil contamination. Should the extent and magnitude of such unanticipated conditions be such that current plans are no longer deemed feasible, alternative measures will be defined and conveyed to EPA and NCDENR.

Backfill

- Following sampling and analysis to verify that final RGs have been met, excavated areas will be backfilled using clean soil from an off-site backfill source that has been sampled or otherwise verified to be free of any hazardous substances, pollutants and other potential known contaminants as defined by EPA and NCDENR.

Health & Safety

- A Health & Safety Plan has been prepared and submitted to NCDENR for Step Two of the RA to discuss required engineering controls and perimeter air monitoring of remedial work to ensure that exposure of the surrounding community and on-site workers to contaminants is minimized.

6.0 WRITTEN CERTIFICATIONS

I certify that all sampling plans, sample collection procedures, sample preparation procedures, extraction procedures and instrumental/chemical analysis procedures used to assess and characterize the PCB contamination at the cleanup site, are on file at the offices of The Kelly-Buck Company, 2130 Superior Avenue, Suite 3-A, Cleveland, Ohio 454114, and are available for EPA inspection.

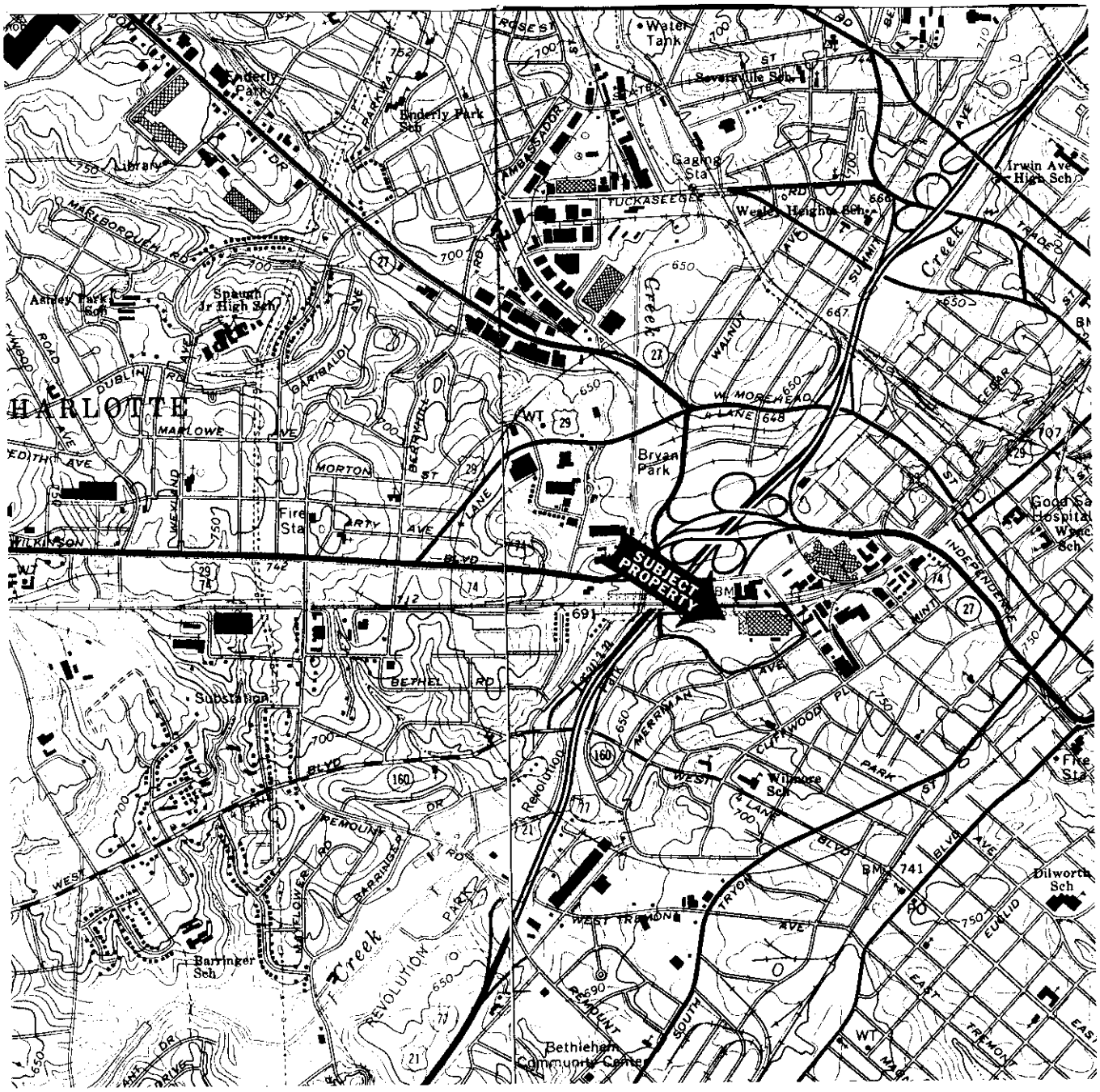
Property Owner & Remediating Party:

Electrolux Home Products, Inc. By: John A. Heer, Assistant General Counsel	Date

Registered Site Manager – NCDENR REC Program (Supervising the Cleanup):

The Kelly-Buck Company By: Michael J. Lyden, P.E., Project Manager	Date

FIGURES



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 Brandenburg Industrial Service Company.

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.

This survey certified only as to the revisions of October 8, 2007.

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

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FINAL CONDITIONS SURVEY

601 WEST SUMMIT AVENUE

CHARLOTTE, MECKLENBURG COUNTY, N.C.

for BRANDENBURG INDUSTRIAL SERVICE COMPANY

Original Survey Date: March 25, 2004

Last Revised: October 8, 2007 (reflect final spot elevations in area of removed building)

Scale: 1" = 60'

(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 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

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.

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)

(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.

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

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

Appendix A

Phase II ESA Sample Analytical Results for PCBs

Table C-3. Soil Sample Analytical Results: Polychlorinated Biphenyls

	Units	B2-01 (1.0-1.5') 11/20/02	B2-01 (4.0-4.5') 11/20/02	B2-01 (8.0-8.5') 11/20/02	B2-02 (2.5-3.0') 11/20/02	B2-03 (2.5-3.0') 11/20/02	B2-03 (4.0-4.5') 11/20/02
Polychlorinated Biphenyls							
PCB-1016 (Aroclor 1016)	ug/kg	<1.2	<1.3	<1.2	<1.3	<1.3	<1.2
PCB-1221 (Aroclor 1221)	ug/kg	<1.2	<1.3	<1.2	<1.3	<1.3	<1.2
PCB-1232 (Aroclor 1232)	ug/kg	<1.2	<1.3	<1.2	<1.3	<1.3	<1.2
PCB-1242 (Aroclor 1242)	ug/kg	<1.2	<1.3	<1.2	<1.3	<1.3	<1.2
PCB-1248 (Aroclor 1248)	ug/kg	<1.2	<1.3	<1.2	<1.3	<1.3	<1.2
PCB-1254 (Aroclor 1254)	ug/kg	**1900**	**4400**	<1.2	<1.3	**9000**	**200**
PCB-1260 (Aroclor 1260)	ug/kg	<1.2	<1.3	<1.2	<1.3	<1.3	<1.2

Appendix B

Phase I RI Sample Analytical Results for PCBs

Table 3. Soil Sample Analytical Results: Polychlorinated Biphenyls

	Units	B1-02 (1'-2') (4/14/04)	B1-02 (1'-2') DUPLICATE (4/14/04)	B1-02 (3'-4') (4/14/04)	B1-02 (10'-11') (4/14/04)	B2-04 (0'-2') (4/15/04)	B2-04 (2'-4') (4/15/04)	B2-04 (4'-6') (4/15/04)
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/kg	<500	<440	<420	<48	<49	<47	<45
PCB-1221 (Aroclor 1221)	ug/kg	<500	<440	<420	<48	<49	<47	<45
PCB-1232 (Aroclor 1232)	ug/kg	<500	<440	<420	<48	<49	<47	<45
PCB-1242 (Aroclor 1242)	ug/kg	<500	<440	<420	<48	<49	<47	<45
PCB-1248 (Aroclor 1248)	ug/kg	<500	<440	<420	<48	<49	<47	<45
PCB-1254 (Aroclor 1254)	ug/kg	**16000**	**1600**	**4000**	**68**	<49	<47	<45
PCB-1260 (Aroclor 1260)	ug/kg	<500	<440	<420	<48	<49	<47	<45

Table 3. Soil Sample Analytical Results: Polychlorinated Biphenyls

	Units	B2-04 (6'-8') (4/15/04)	B3-02 (0'-2') (4/15/04)	B3-02 (6'-8') (4/15/04)	B4-06 (0'-2') (4/14/04)	B4-06 (4'-6') (4/14/04)	B6-05 (4.5') (5/3/04)	B6-08 (6.0') (5/3/04)
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/kg	<45	<41	<39	<46	<41	<11000	<41
PCB-1221 (Aroclor 1221)	ug/kg	<45	<41	<39	<46	<41	<11000	<41
PCB-1232 (Aroclor 1232)	ug/kg	<45	<41	<39	<46	<41	<11000	<41
PCB-1242 (Aroclor 1242)	ug/kg	<45	<41	<39	<46	<41	<11000	<41
PCB-1248 (Aroclor 1248)	ug/kg	<45	<41	<39	<46	<41	<11000	<41
PCB-1254 (Aroclor 1254)	ug/kg	<45	**52**	**100**	<46	<41	**41000**	<41
PCB-1260 (Aroclor 1260)	ug/kg	<45	<41	<39	<46	<41	<11000	<41

Table 3. Soil Sample Analytical Results: Polychlorinated Biphenyls

	Units	B6-09 (6.0') (5/3/04)	AREA 6 WEST PIT (5/3/04)	B10-05 (4/1/04)	B10-06 (4/1/04)	B10-06 Duplicate (4/1/04)	B11-01 (1.5'-2.5') (4/14/04)	B11-01 (6'-7') (4/14/04)
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/kg	<410	<72	<46	<49	<51	<40	<39
PCB-1221 (Aroclor 1221)	ug/kg	<410	<72	<46	<49	<51	<40	<39
PCB-1232 (Aroclor 1232)	ug/kg	<410	<72	<46	<49	<51	<40	<39
PCB-1242 (Aroclor 1242)	ug/kg	<410	<72	<46	<49	<51	<40	<39
PCB-1248 (Aroclor 1248)	ug/kg	<410	<72	<46	<49	<51	<40	<39
PCB-1254 (Aroclor 1254)	ug/kg	<410	**660**	<46	<49	<51	**200**	<39
PCB-1260 (Aroclor 1260)	ug/kg	<410	**850**	**810**	**300**	**110**	<40	<39

Table 3. Soil Sample Analytical Results: Polychlorinated Biphenyls

	Units	B12-01 (3'-4') (4/14/04)	B12-01 (11'-12') (4/14/04)	B13-01 (4'-5') (4/14/04)	B13-01 (10'-11') (4/14/04)	B14-01 (4/1/04)	B15-01 CINDERS (4/14/04)	B15-01 GRAVEL (4/14/04)
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/kg	<1800	<43	<410	<110	<200	<5900	<4600
PCB-1221 (Aroclor 1221)	ug/kg	<1800	<43	<410	<110	<200	<5900	<4600
PCB-1232 (Aroclor 1232)	ug/kg	<1800	<43	<410	<110	<200	<5900	<4600
PCB-1242 (Aroclor 1242)	ug/kg	<1800	<43	<410	<110	<200	<5900	<4600
PCB-1248 (Aroclor 1248)	ug/kg	<1800	<43	<410	<110	<200	<5900	<4600
PCB-1254 (Aroclor 1254)	ug/kg	**670000**	**140**	**22000**	**1700**	<200	<5900	<4600
PCB-1260 (Aroclor 1260)	ug/kg	<1800	<43	<410	<110	<200	<5900	<4600

Table 3. Soil Sample Analytical Results: Polychlorinated Biphenyls

	Units	B15-01 (0'-0.5') (4/14/04)	B15-01 (7'-8') (4/14/04)	B16-01 (11'-12') (4/15/04)	B16-01 (14'-15') (4/15/04)	B16-02 (10'-11') (4/15/04)	B16-02 (15'-16') (4/15/04)	B17-01 (OIL) (5/7/04)
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/kg	<580	<43	<43	<41	<38	<45	<1.0
PCB-1221 (Aroclor 1221)	ug/kg	<580	<43	<43	<41	<38	<45	<1.0
PCB-1232 (Aroclor 1232)	ug/kg	<580	<43	<43	<41	<38	<45	<1.0
PCB-1242 (Aroclor 1242)	ug/kg	<580	<43	<43	<41	<38	<45	<1.0
PCB-1248 (Aroclor 1248)	ug/kg	<580	<43	<43	<41	<38	<45	<1.0
PCB-1254 (Aroclor 1254)	ug/kg	<580	<43	<43	<41	<38	<45	<1.0
PCB-1260 (Aroclor 1260)	ug/kg	<580	<43	<43	<41	<38	<45	<1.0

Table 3. Soil Sample Analytical Results: Polychlorinated Biphenyls

	Units	B17-01 (WATER) (5/7/04)	SE-01 (4/12/04)	SE-02 (4/2/04)	SE-03 (4/2/04)	SE-04 (4/2/04)	SE-05 (4/2/04)	SE-05 DUPLICATE (4/2/04)	SE-06 (4/2/04)
Polychlorinated Biphenyls									
PCB-1016 (Aroclor 1016)	ug/kg	<100	<59	<42	<48	<42	<42	<43	<69
PCB-1221 (Aroclor 1221)	ug/kg	<100	<59	<42	<48	<42	<42	<43	<69
PCB-1232 (Aroclor 1232)	ug/kg	<100	<59	<42	<48	<42	<42	<43	<69
PCB-1242 (Aroclor 1242)	ug/kg	<100	<59	<42	<48	<42	<42	<43	<69
PCB-1248 (Aroclor 1248)	ug/kg	<100	<59	<42	<48	<42	<42	<43	<69
PCB-1254 (Aroclor 1254)	ug/kg	<100	<59	<42	<48	<42	<42	<43	<69
PCB-1260 (Aroclor 1260)	ug/kg	<100	<59	<42	**99**	<42	<42	<43	<69

Table 3. Soil Sample Analytical Results: Polychlorinated Biphenyls

	Units	SE-07 (4/2/04)	SE-08 (4/2/04)
Polychlorinated Biphenyls			
PCB-1016 (Aroclor 1016)	ug/kg	<43	<44
PCB-1221 (Aroclor 1221)	ug/kg	<43	<44
PCB-1232 (Aroclor 1232)	ug/kg	<43	<44
PCB-1242 (Aroclor 1242)	ug/kg	<43	<44
PCB-1248 (Aroclor 1248)	ug/kg	<43	<44
PCB-1254 (Aroclor 1254)	ug/kg	<43	<44
PCB-1260 (Aroclor 1260)	ug/kg	**340**	**110**

Table 9. Ground-Water Sample Analytical Results: Polychlorinated Biphenyls

	Units	MW1 (5/20/04)	MW-B1-02 (5/20/04)	MW-B2-04 (5/18/04)	MW-B3-02 (5/20/04)	MW-B4-02S (5/18/04)	MW-B4-02S DUPLICATE (5/18/04)	MW-B4-02I (5/18/04)	MW-B4-02D (5/18/04)
Polychlorinated Biphenyls									
PCB-1016 (Aroclor 1016)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 9. Ground-Water Sample Analytical Results: Polychlorinated Biphenyls

	Units	MW-B4-06 (5/20/04)	MW-B4-06 DUPLICATE (5/20/04)	MW-B4-12 (5/17/04)	MW-B6-02 (5/17/04)	MW-B12-01 (5/20/04)	MW-B15-01 (5/20/04)	MW-BG-B1I (5/18/04)	MW-BG-B1D (5/18/04)
Polychlorinated Biphenyls									
PCB-1016 (Aroclor 1016)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 9. Ground-Water Sample Analytical Results: Polychlorinated Biphenyls

	Units	MW-BG-B2I (5/18/04)	MW-BG-B2D (5/18/04)	MW-BG-B3S (5/19/04)	MW-BG-B3I (5/19/04)	MW-BG-B3D (5/19/04)	MW-BG-B4S (5/19/04)	MW-BG-B4I (5/19/04)	MW-BG-B4D (5/19/04)
Polychlorinated Biphenyls									
PCB-1016 (Aroclor 1016)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 9. Ground-Water Sample Analytical Results: Polychlorinated Biphenyls

	Units	MW-BG-B5S (5/19/04)	MW-BG-B5I (5/19/04)	MW-BG-B5D (5/19/04)	MW-BG-B5D DUPLICATE (5/19/04)	PUMP BLANK (5/18/04)	BAILER BLANK (5/19/04)	BAILER BLANK (5/20/04)
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 14. Surface-Water Sample Analytical Results: Polychlorinated Biphenyls

	Units	SW-01 (4/12/04)	SW-02 (4/2/04)	SW-03 (4/2/04)	SW-04 (4/2/04)	SW-05 (4/2/04)	SW-05 DUPLICATE (4/2/04)	SW-06 (4/2/04)
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	<1.0	<0.56	<0.50	<0.56	<0.53	<0.50	<0.56
PCB-1221 (Aroclor 1221)	ug/l	<1.0	<0.56	<0.50	<0.56	<0.53	<0.50	<0.56
PCB-1232 (Aroclor 1232)	ug/l	<1.0	<0.56	<0.50	<0.56	<0.53	<0.50	<0.56
PCB-1242 (Aroclor 1242)	ug/l	<1.0	<0.56	<0.50	<0.56	<0.53	<0.50	<0.56
PCB-1248 (Aroclor 1248)	ug/l	<1.0	<0.56	<0.50	<0.56	<0.53	<0.50	<0.56
PCB-1254 (Aroclor 1254)	ug/l	<1.0	<0.56	<0.50	<0.56	<0.53	<0.50	<0.56
PCB-1260 (Aroclor 1260)	ug/l	<1.0	<0.56	<0.50	<0.56	<0.53	<0.50	<0.56

Table 14. Surface-Water Sample Analytical Results: Polychlorinated Biphenyls

	Units	SW-07 (4/12/04)	SW-08 (4/2/04)	EQUIPMENT RINSE (4/1/04)
Polychlorinated Biphenyls				
PCB-1016 (Aroclor 1016)	ug/l	<1.0	<0.53	<0.50
PCB-1221 (Aroclor 1221)	ug/l	<1.0	<0.53	<0.50
PCB-1232 (Aroclor 1232)	ug/l	<1.0	<0.53	<0.50
PCB-1242 (Aroclor 1242)	ug/l	<1.0	<0.53	<0.50
PCB-1248 (Aroclor 1248)	ug/l	<1.0	<0.53	<0.50
PCB-1254 (Aroclor 1254)	ug/l	<1.0	<0.53	<0.50
PCB-1260 (Aroclor 1260)	ug/l	<1.0	<0.53	<0.50

Appendix C

Phase II RI Sample Analytical Results for PCBs

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 9. Soil Sample Analytical Results: TCLP

		PRG (GW Protection - TCLP)	B2-03B (2.5-3.0) 09/26/05 15:30	B2-03B (4.0-4.5) 09/26/05 15:45	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
Polychlorinated Biphenyls												
PCB-1016 (Aroclor 1016)	mg/l	0.0005	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 9. Soil Sample Analytical Results: TCLP

		PRG (GW Protection - TCLP)	B2-07 (5-7) 09/26/05 14:45	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	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	SE-03 09/29/05 16:00
Polychlorinated Biphenyls												
PCB-1016 (Aroclor 1016)	mg/l	0.0005	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<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	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 9. Soil Sample Analytical Results: TCLP

		PRG (GW Protection - TCLP)	SE-07	SE-07	SE-08
			09/29/05 14:45	03/01/06 14:00	09/29/05 16:45
Polychlorinated Biphenyls					
PCB-1016 (Aroclor 1016)	mg/l	0.0005	<1.0	<1.0	<1.0
PCB-1221 (Aroclor 1221)	mg/l	0.0005	<1.0	<1.0	<1.0
PCB-1232 (Aroclor 1232)	mg/l	0.0005	<1.0	<1.0	<1.0
PCB-1242 (Aroclor 1242)	mg/l	0.0005	<1.0	<1.0	<1.0
PCB-1248 (Aroclor 1248)	mg/l	0.0005	<1.0	<1.0	<1.0
PCB-1254 (Aroclor 1254)	mg/l	0.0005	<1.0	<1.0	<1.0
PCB-1260 (Aroclor 1260)	mg/l	0.0005	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: 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)
			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
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	0.5	<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
PCB-1232 (Aroclor 1232)	ug/l	0.5	<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
PCB-1248 (Aroclor 1248)	ug/l	0.5	<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
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: PCBs

		PRG	MW-B4-06	MW-B4-12	MW-B6-02S	MW-B6-02S DUP	MW-B12-01	MW-B15-01
			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
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	0.5	<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
PCB-1232 (Aroclor 1232)	ug/l	0.5	<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
PCB-1248 (Aroclor 1248)	ug/l	0.5	<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
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: PCBs

		PRG	MW-B16-02	MW-B16-02 DUP	MW-B16-02B	MW-B21-10(I)	MW-B21-10 (I)	MW-B21-10 (I) DUP
			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
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	0.5	<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
PCB-1232 (Aroclor 1232)	ug/l	0.5	<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
PCB-1248 (Aroclor 1248)	ug/l	0.5	<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
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: PCBs

		PRG	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)
			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
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	0.5	<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
PCB-1232 (Aroclor 1232)	ug/l	0.5	<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
PCB-1248 (Aroclor 1248)	ug/l	0.5	<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
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: PCBs

		PRG	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
			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
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	0.5	<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
PCB-1232 (Aroclor 1232)	ug/l	0.5	<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
PCB-1248 (Aroclor 1248)	ug/l	0.5	<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
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: PCBs

		PRG	MW-BG-B5 (S)	MW-BG-B5I	MW-BG-B5D	MW-BG-B5 (XD)	MW-BG-B5 (XD)	MW-BG-B6 (D)
			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**
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	0.5	<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
PCB-1232 (Aroclor 1232)	ug/l	0.5	<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
PCB-1248 (Aroclor 1248)	ug/l	0.5	<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
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	**1.0**	<1.0

Table 12. Ground-Water Sample Analytical Results: PCBs

		PRG	MW-BG-B6 (D)	MW-BG-B6 (D) DUP	MW-BG-B7 (D)	MW-BG-B7 (D) DUP	MW-BG-B7 (D)	PUMP BLANK
			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
Polychlorinated Biphenyls								
PCB-1016 (Aroclor 1016)	ug/l	0.5	<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
PCB-1232 (Aroclor 1232)	ug/l	0.5	<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
PCB-1248 (Aroclor 1248)	ug/l	0.5	<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
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0

Table 12. Ground-Water Sample Analytical Results: PCBs

		PRG	BAILER BLANK	BAILER BLANK
			07/14/05 18:00	04/04/06 17:00
Polychlorinated Biphenyls				
PCB-1016 (Aroclor 1016)	ug/l	0.5	<1.0	<1.0
PCB-1221 (Aroclor 1221)	ug/l	0.5	<1.0	<1.0
PCB-1232 (Aroclor 1232)	ug/l	0.5	<1.0	<1.0
PCB-1242 (Aroclor 1242)	ug/l	0.5	<1.0	<1.0
PCB-1248 (Aroclor 1248)	ug/l	0.5	<1.0	<1.0
PCB-1254 (Aroclor 1254)	ug/l	0.5	<1.0	<1.0
PCB-1260 (Aroclor 1260)	ug/l	0.5	<1.0	<1.0

Table 13. Surface-Water Sample Analytical Results

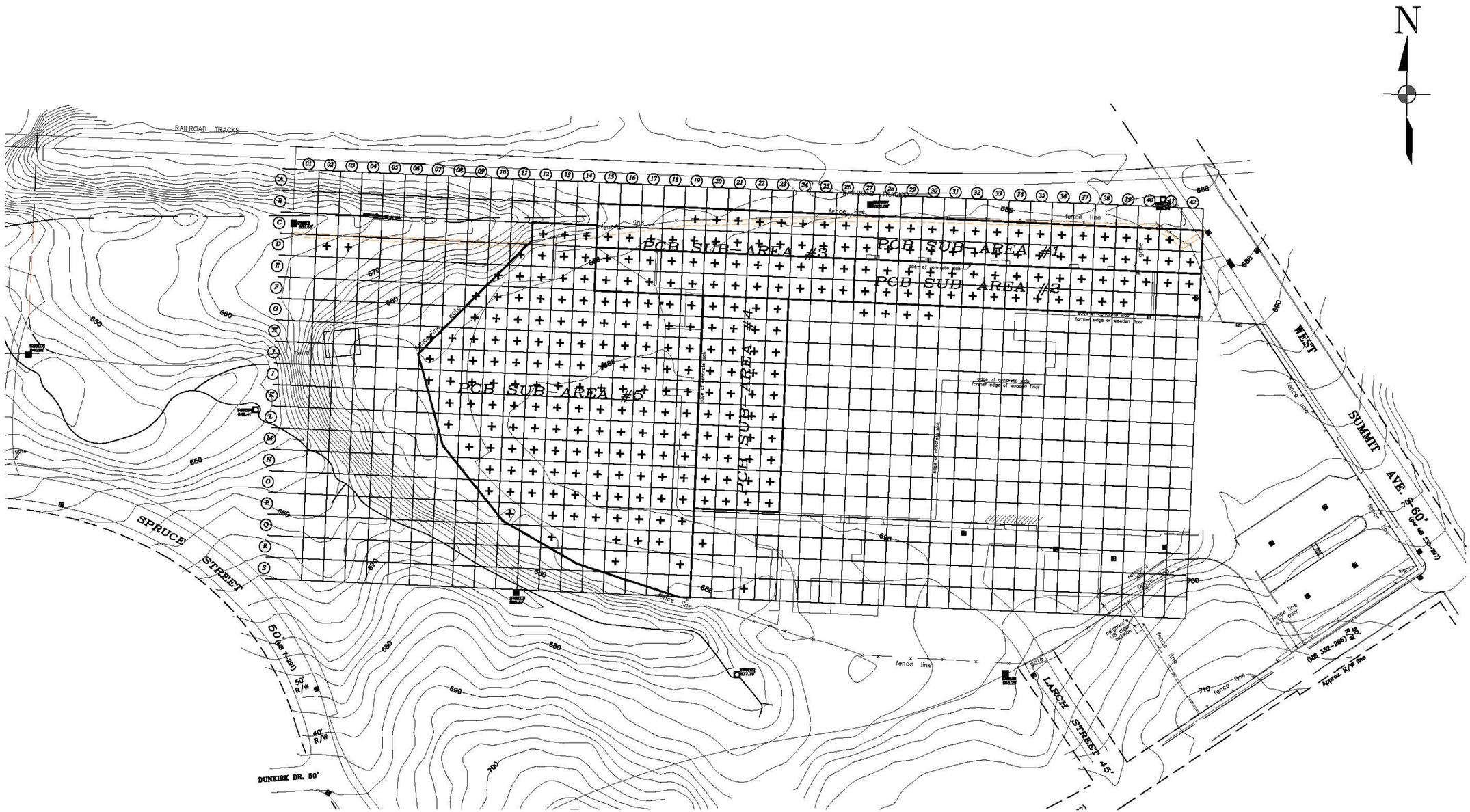
		PRG	SW-04	SW-05	SW-09	SW-09 DUP-LICATE	SW-11	SW-11	SW-11 (A)	SW-11 (B)	SW-11 (C)	SW-12
			03/02/06 11:15	03/02/06 11:30	03/02/06 11:45	03/02/06 11:45	07/15/05 10:30	03/02/06 14:30	03/02/06 12:45	03/02/06 13:15	03/02/06 14:15	07/15/05 11:00
Polychlorinated Biphenyls												
PCB-1016 (Aroclor 1016)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	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
PCB-1232 (Aroclor 1232)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	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
PCB-1248 (Aroclor 1248)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	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
PCB-1260 (Aroclor 1260)	ug/l	0.000079	<1.0	<1.0	<1.0	<1.0	NA	NA	NA	NA	NA	NA

Table 13. Surface-Water Sample Analytical Results

		PRG	SW-12	SW-13	SW-13	SW-14	SW-14	SW-15	SW-15	SW-16	TUNNEL DE-WATER
			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
Polychlorinated Biphenyls											
PCB-1016 (Aroclor 1016)	ug/l	0.000079	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1221 (Aroclor 1221)	ug/l	0.000079	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1232 (Aroclor 1232)	ug/l	0.000079	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1242 (Aroclor 1242)	ug/l	0.000079	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1248 (Aroclor 1248)	ug/l	0.000079	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1254 (Aroclor 1254)	ug/l	0.000079	NA	NA	NA	NA	NA	NA	NA	NA	NA
PCB-1260 (Aroclor 1260)	ug/l	0.000079	NA	NA	NA	NA	NA	NA	NA	NA	NA

Appendix D

Pre-Cleanup Characterization Sampling Grid & Sample Analytical Results for PCBs



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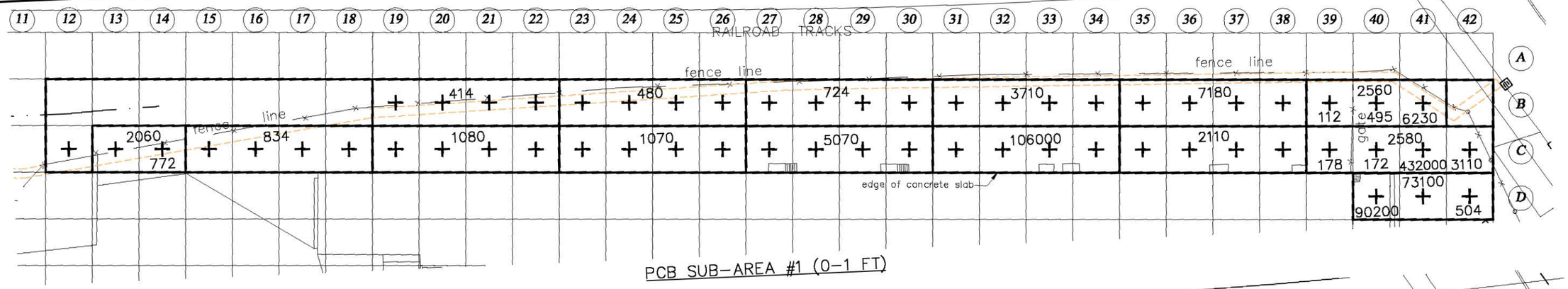
SCALE (FEET)

0 60 120 240

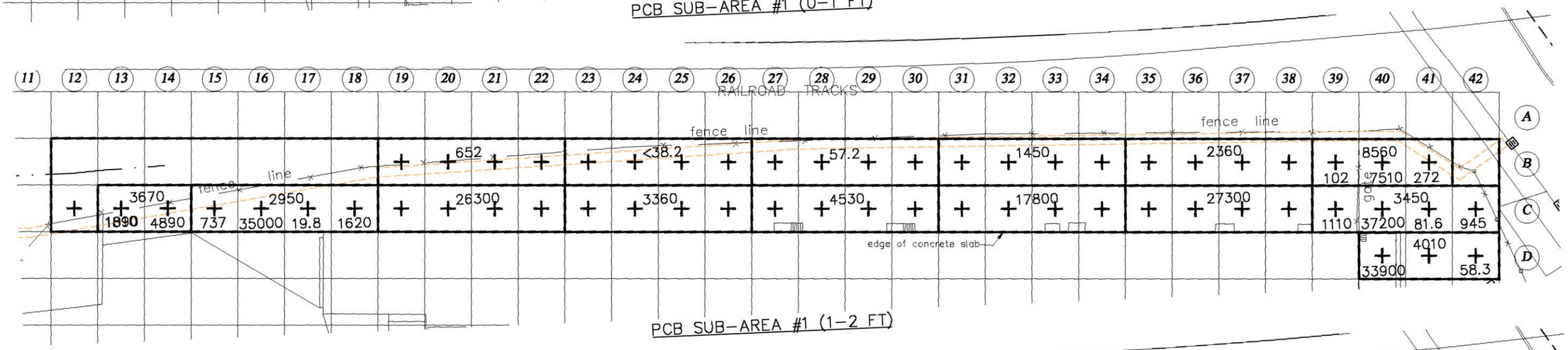
FIGURE 4.
SAMPLING GRID

RAP STEP TWO – PRECHARACTERIZATION

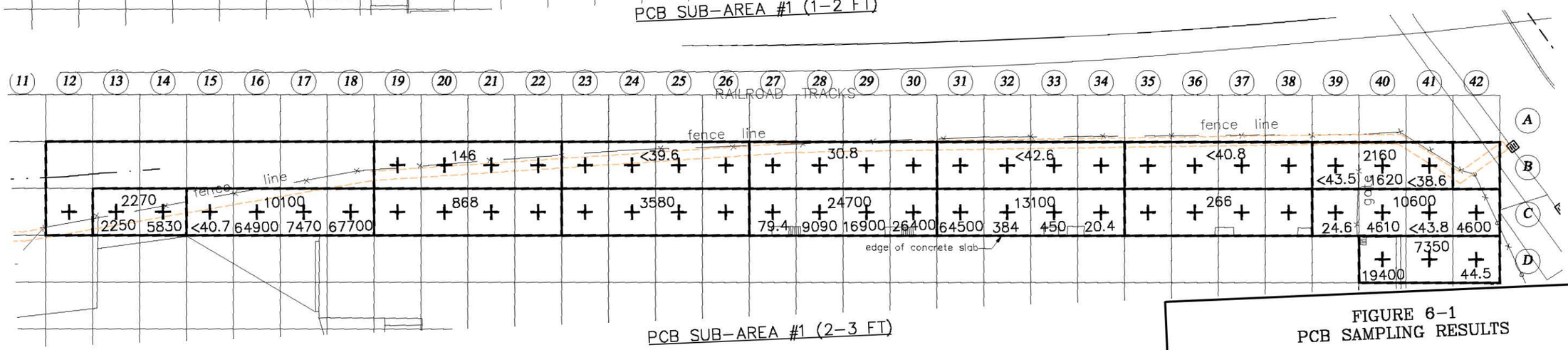
FORMER COPES–VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



PCB SUB-AREA #1 (0-1 FT)



PCB SUB-AREA #1 (1-2 FT)



PCB SUB-AREA #1 (2-3 FT)

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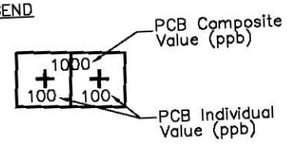
LEGEND



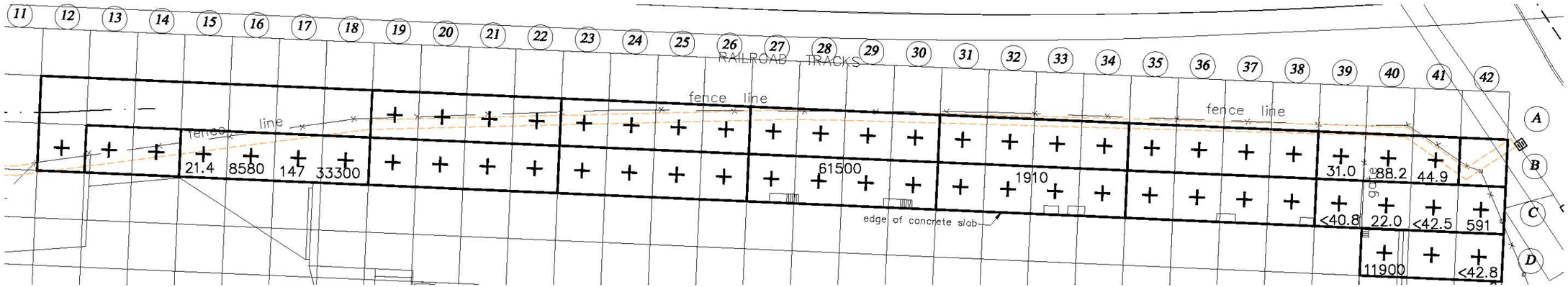
SCALE: 1" = 60'

0 30 60 120

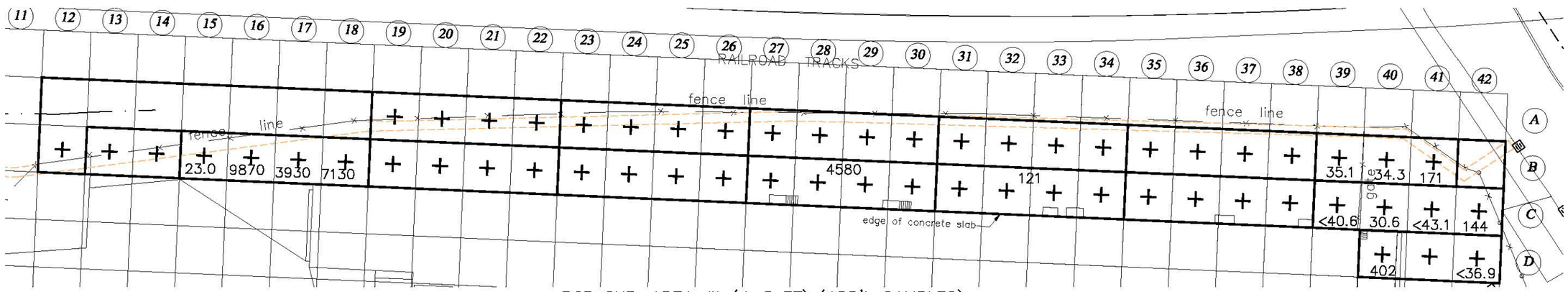
FIGURE 6-1
PCB SAMPLING RESULTS

RAP STEP TWO – PRECHARACTERIZATION

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



PCB SUB-AREA #1 (3-4 FT) (ADD'L SAMPLES)



PCB SUB-AREA #1 (4-5 FT) (ADD'L SAMPLES)

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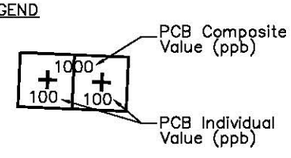
LEGEND



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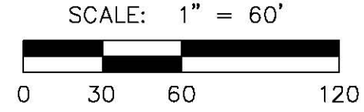
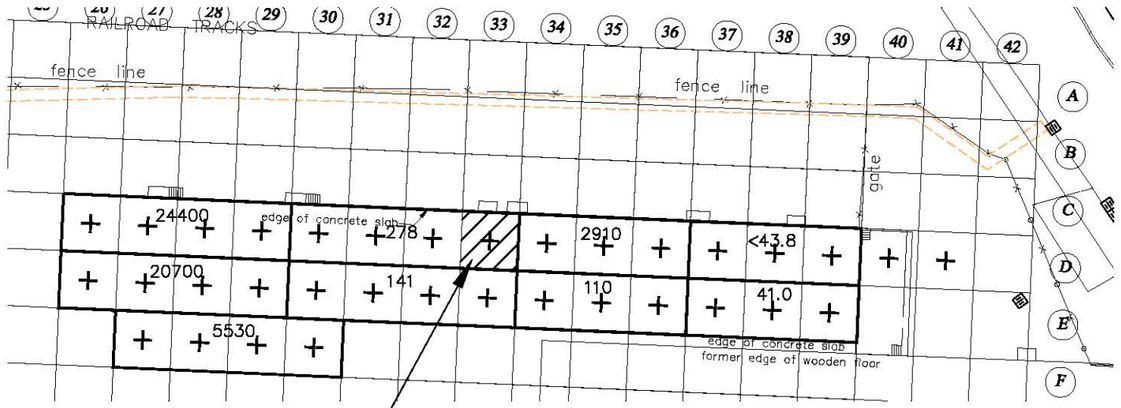


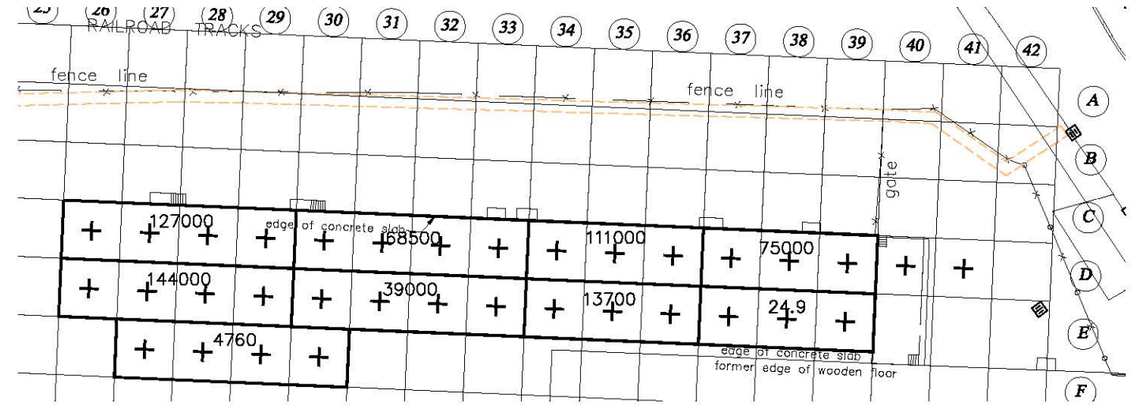
FIGURE 6-2
PCB SAMPLING RESULTS

RAP STEP TWO – PRECHARACTERIZATION

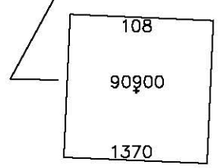
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



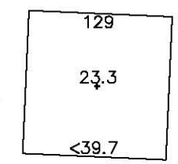
PCB SUB-AREA #2 (1.5-2.5 FT)



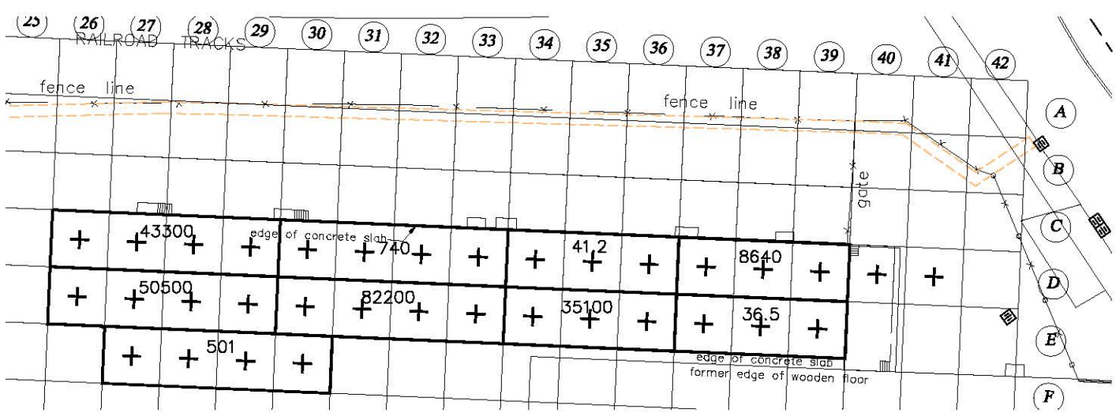
PCB SUB-AREA #2 (3.5-4.5 FT)



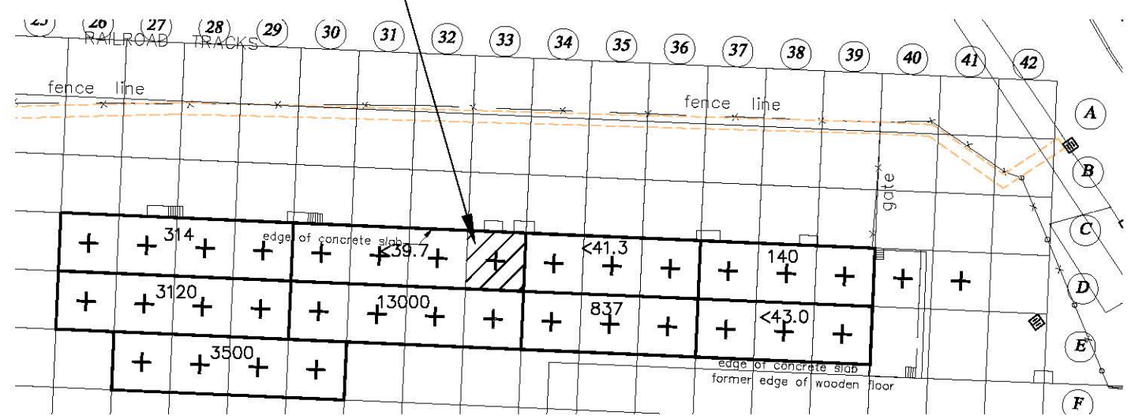
AOC-3 (CELL D33; 1.5-2.5 FT)



AOC-3 (CELL D33; 5-6 FT)



PCB SUB-AREA #2 (4.5-5.5 FT)



PCB SUB-AREA #2 (5.5-6.5 FT)

E30-E33 COMPOSITE:
(6.5-7.5): 31.5
(7.5-8.5): 28.2

F27-F30 COMPOSITE:
(6.5-7.5): <41.8
(7.5-8.5): <41.0

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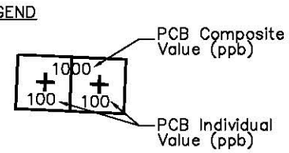


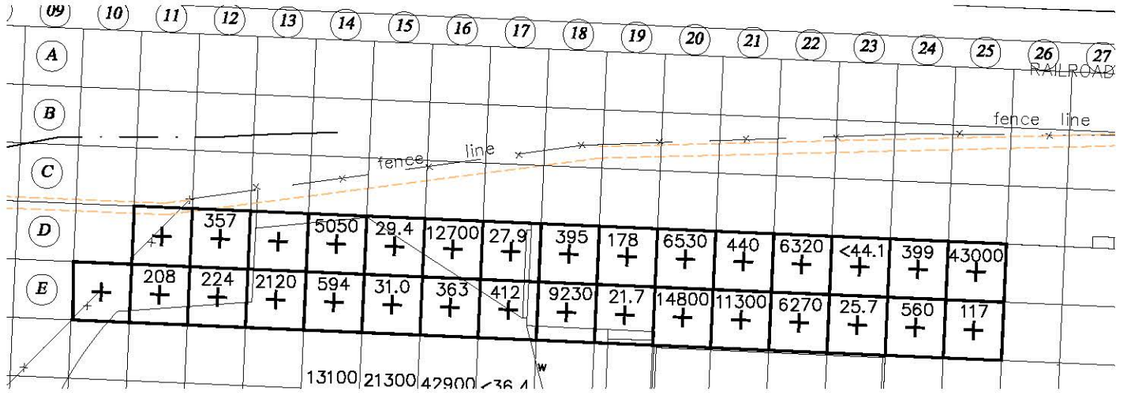
SCALE: 1" = 60'

0 30 60 120

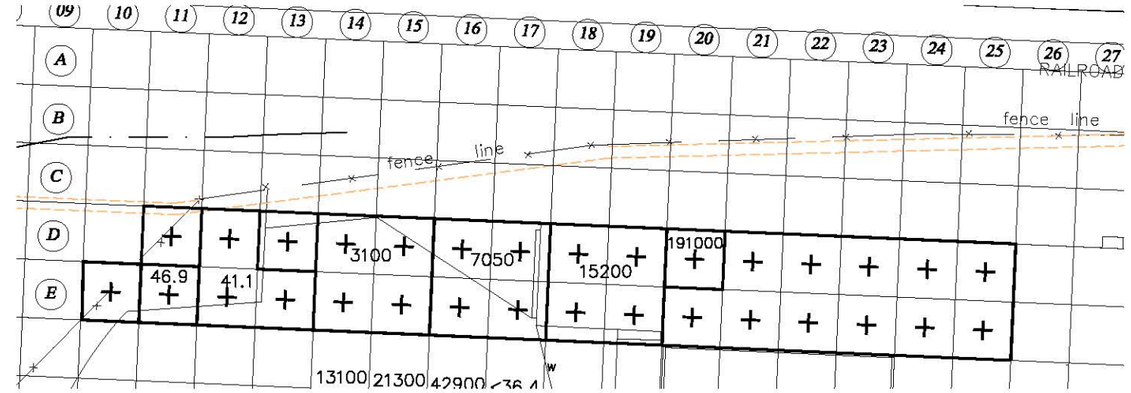
FIGURE 6-3
PCB SAMPLING RESULTS

RAP STEP TWO - PRECHARACTERIZATION

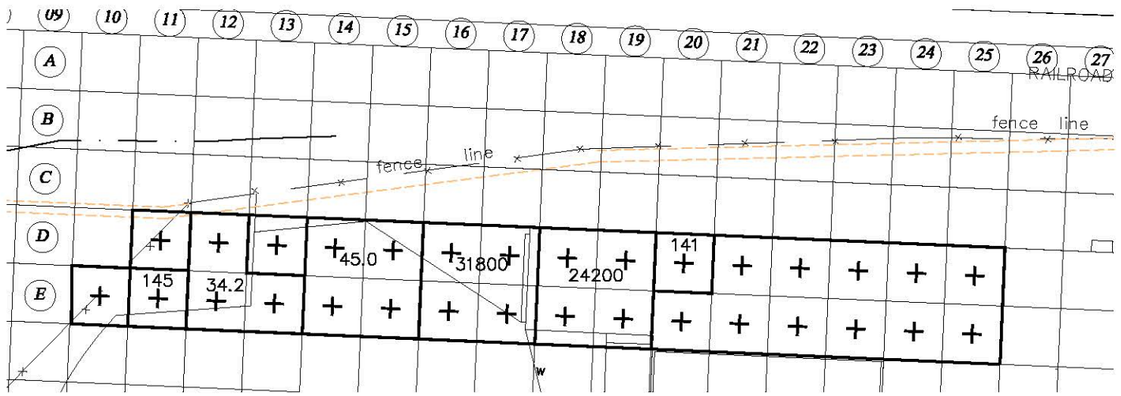
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



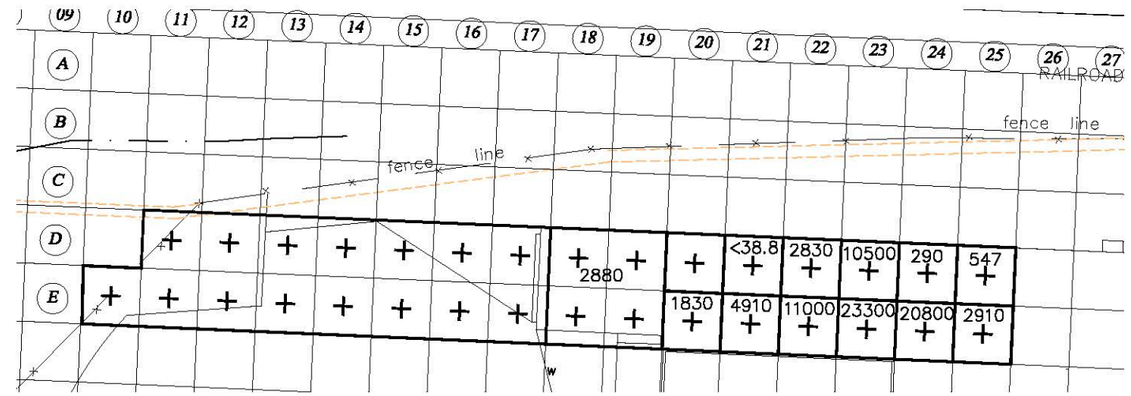
PCB SUB-AREA #3 (1-2 FT) AND (1.5-2.5 FT)



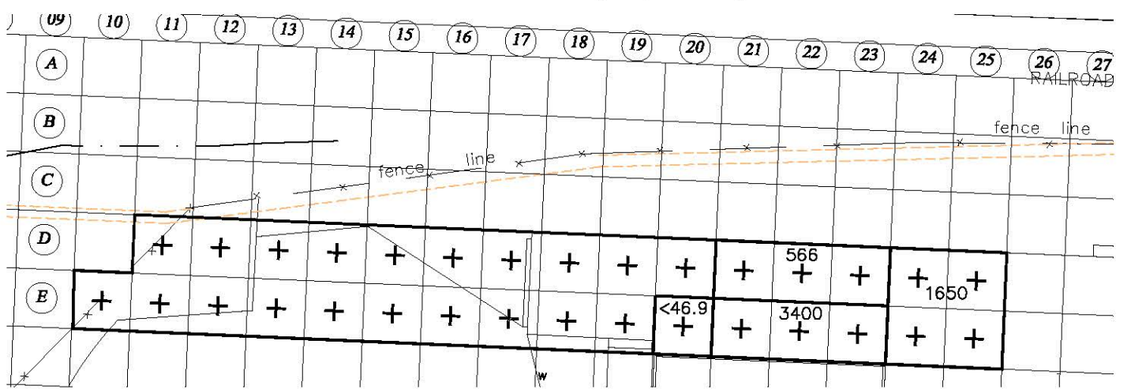
PCB SUB-AREA #3 (3-4 FT)



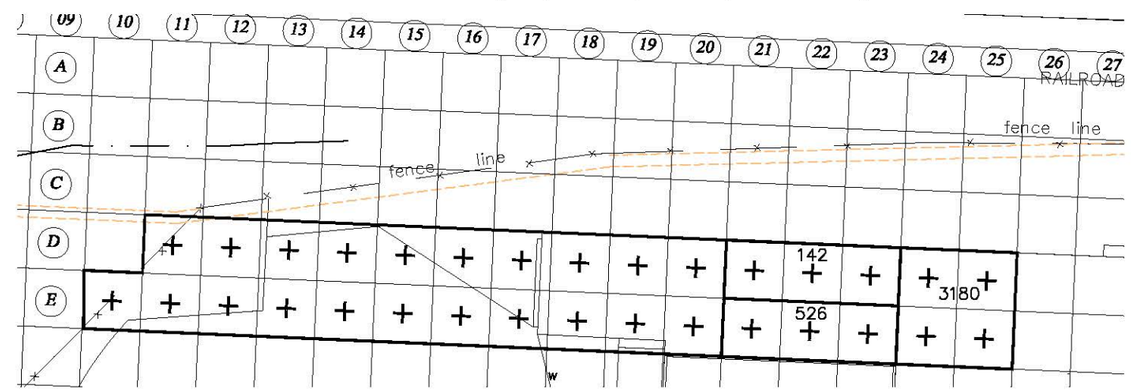
PCB SUB-AREA #3 (4-5 FT)



PCB SUB-AREA #3 (5-6 FT) AND (5.5-6.5 FT)



PCB SUB-AREA #3 (7.5-8.5 FT)



PCB SUB-AREA #3 (8.5-9.5 FT)

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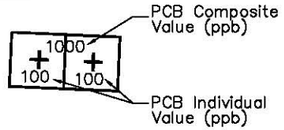


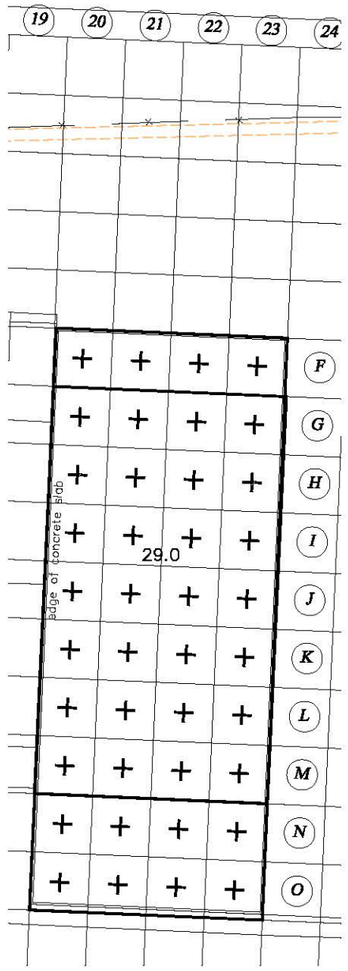
SCALE: 1" = 60'

0 30 60 120

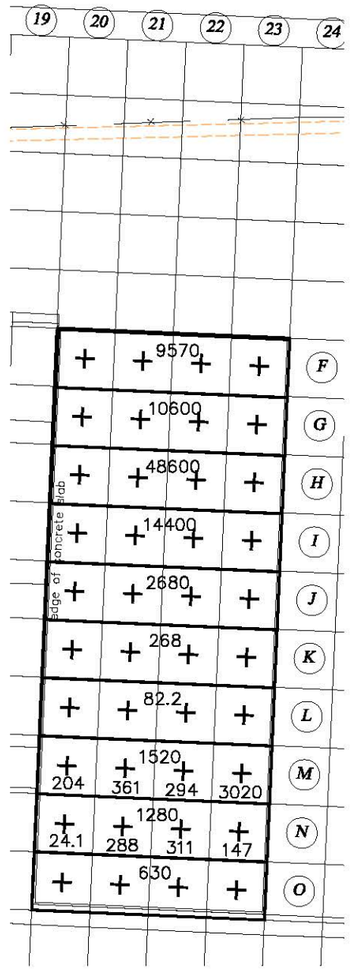
FIGURE 6-4
PCB SAMPLING RESULTS

RAP STEP TWO - PRECHARACTERIZATION

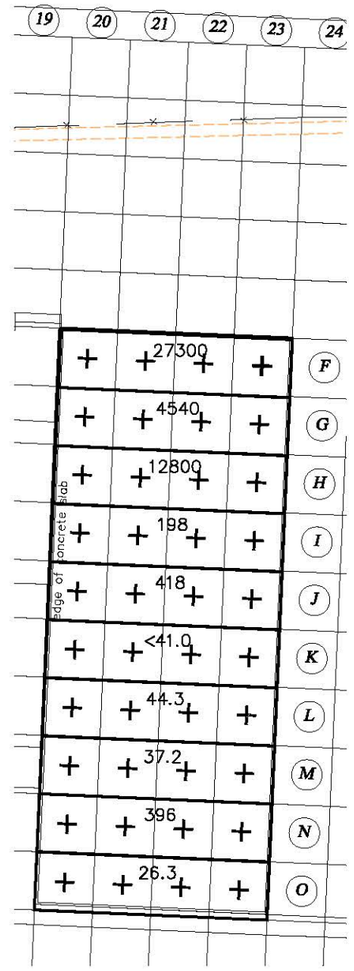
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



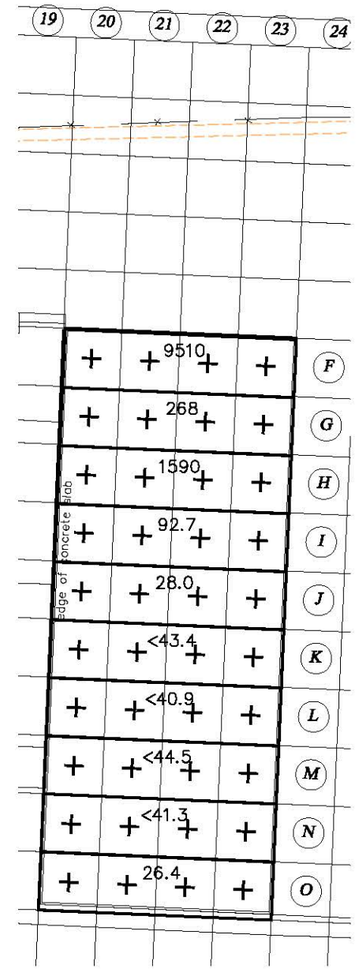
PCB SUB–AREA #4 (0–0.5 FT)



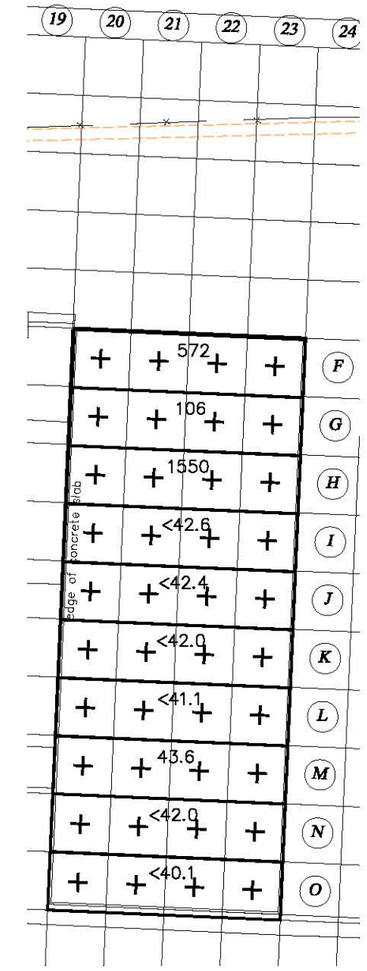
PCB SUB–AREA #4 (1–2 FT)



PCB SUB–AREA #4 (3–4 FT)



PCB SUB–AREA #4 (4–5 FT)



PCB SUB–AREA #4 (5–6 FT)

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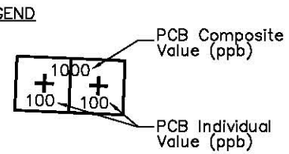
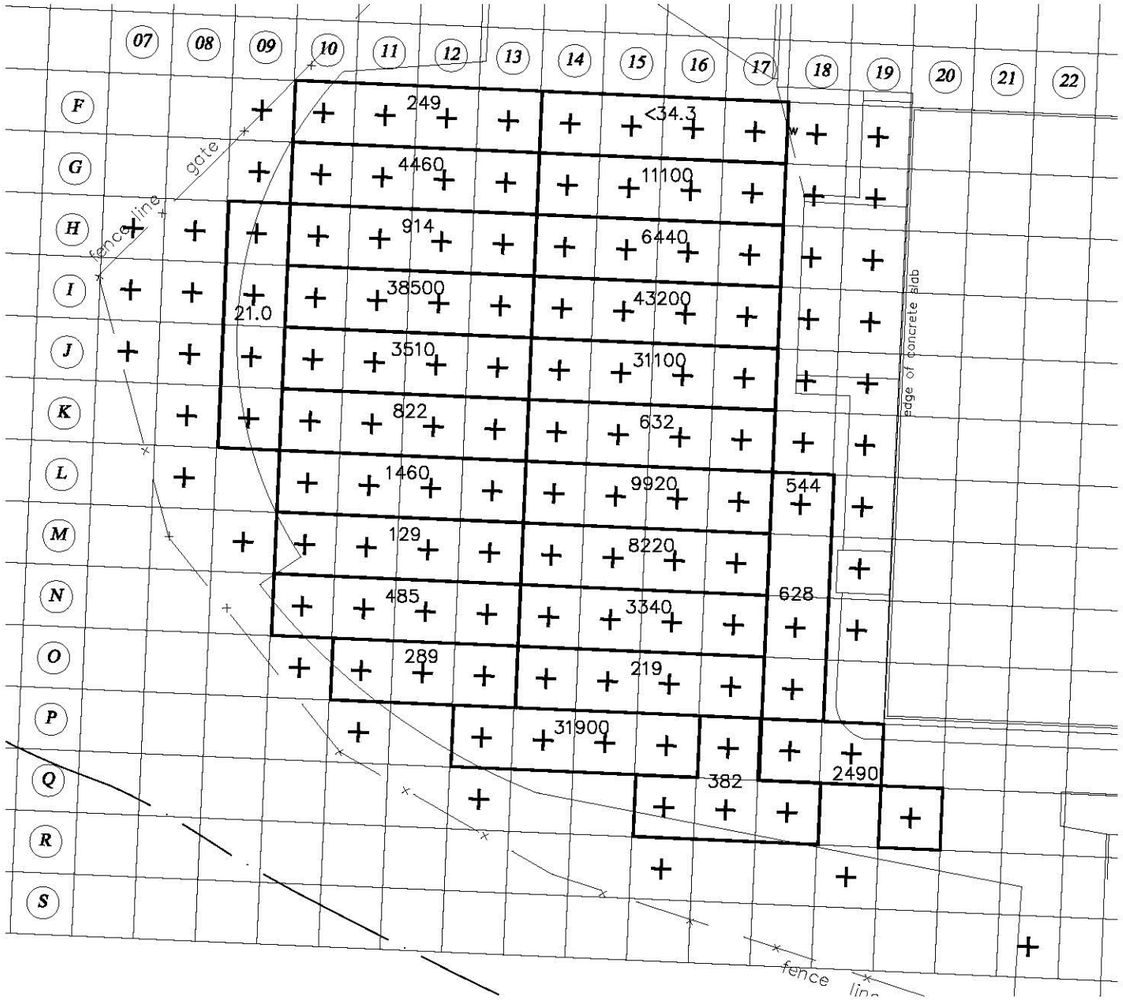


SCALE: 1" = 60'

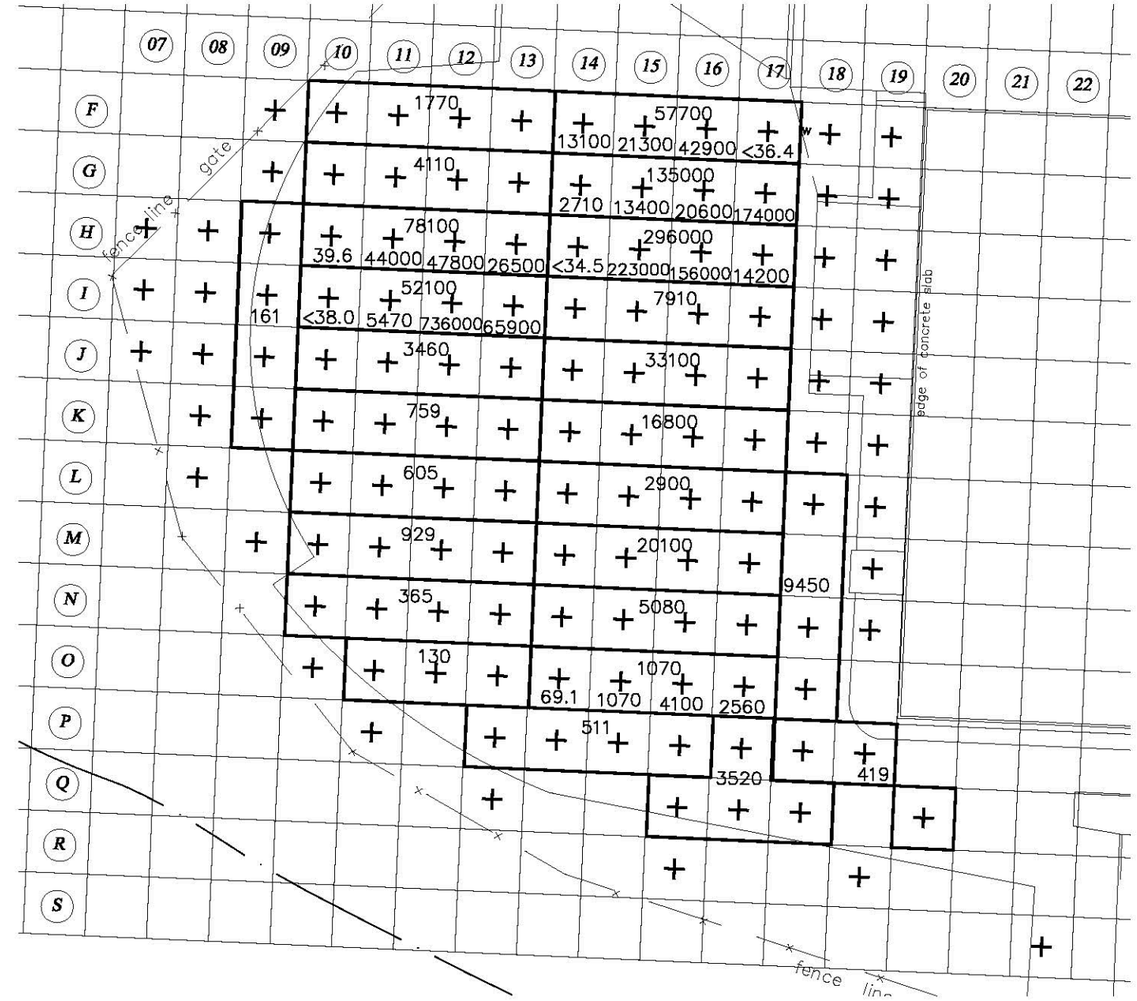
FIGURE 6–5
PCB SAMPLING RESULTS

RAP STEP TWO – PRECHARACTERIZATION

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



PCB SUB–AREA #5 (0–0.5 FT)



PCB SUB–AREA #5 (0.5–1.5 FT)

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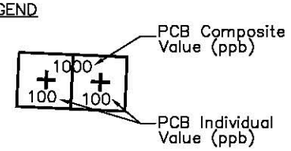


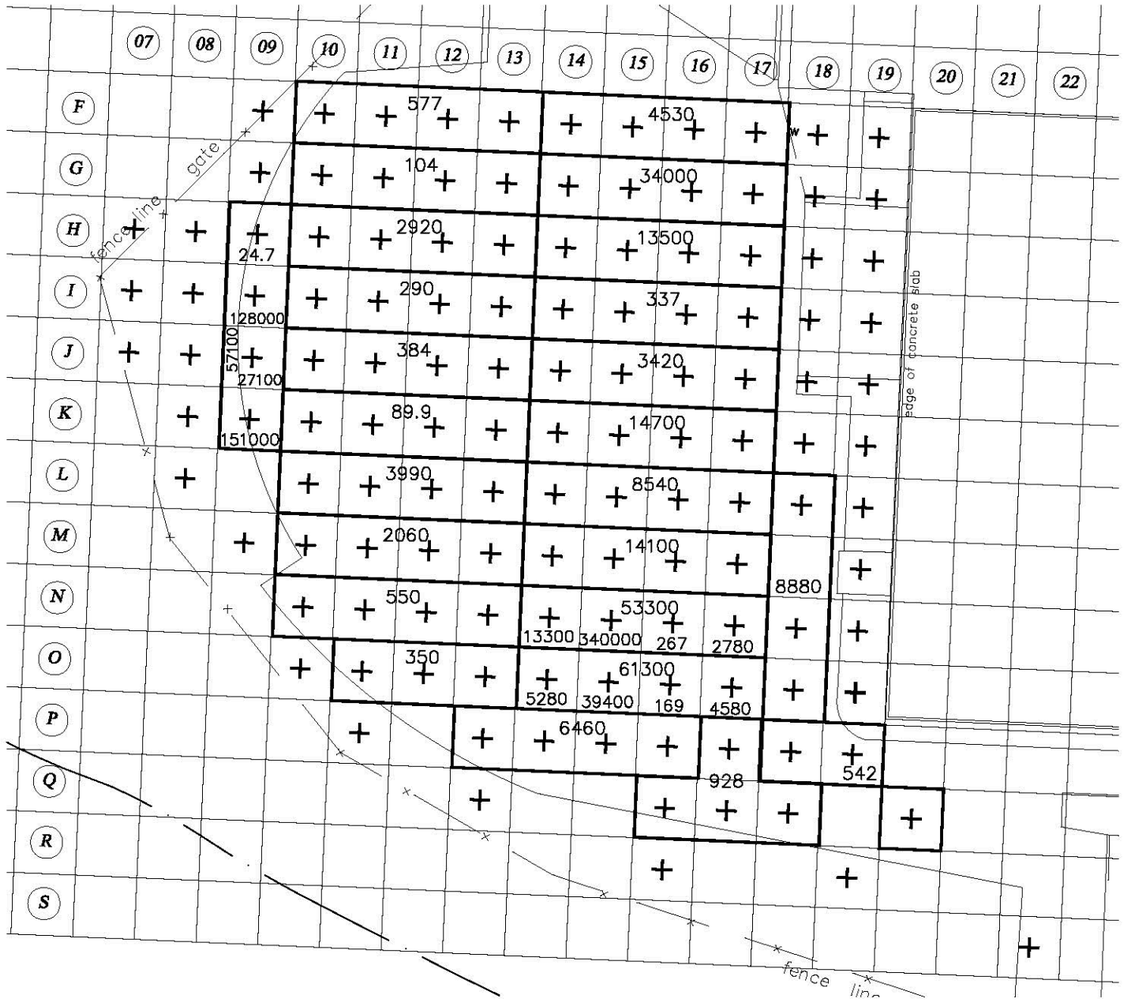
SCALE: 1" = 60'

0 30 60 120

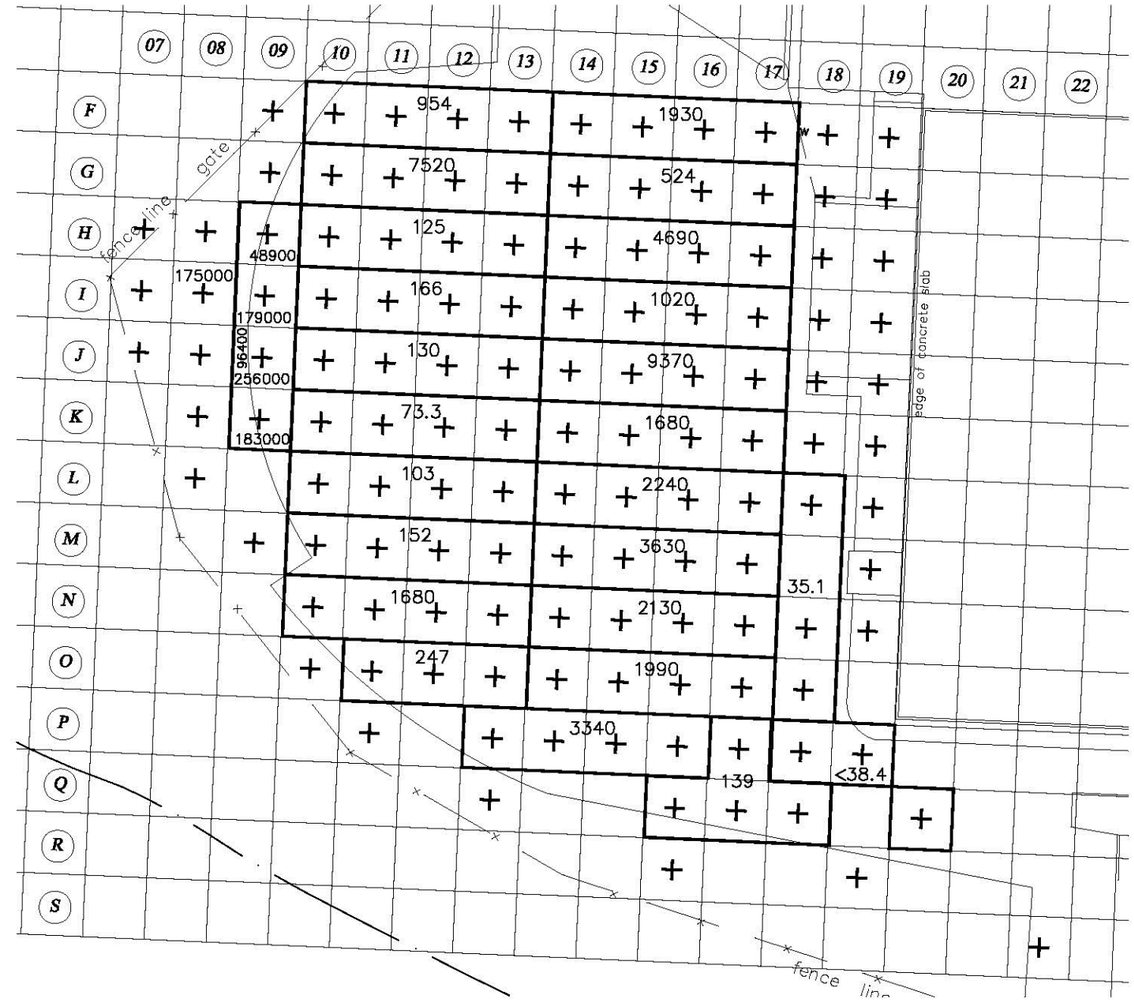
FIGURE 6–6
PCB SAMPLING RESULTS

RAP STEP TWO – PRECHARACTERIZATION

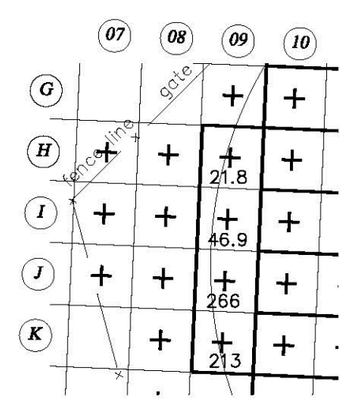
FORMER COPES–VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC



PCB SUB-AREA #5 (1.5-2.5 FT)

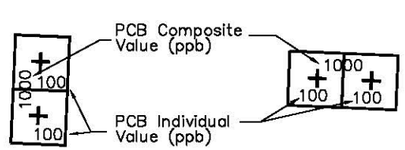


PCB SUB-AREA #5 (2.5-3.5 FT)



PCB SUB-AREA #5 (3.5-4.5 FT)

LEGEND



SCALE: 1" = 60'

0 30 60 120

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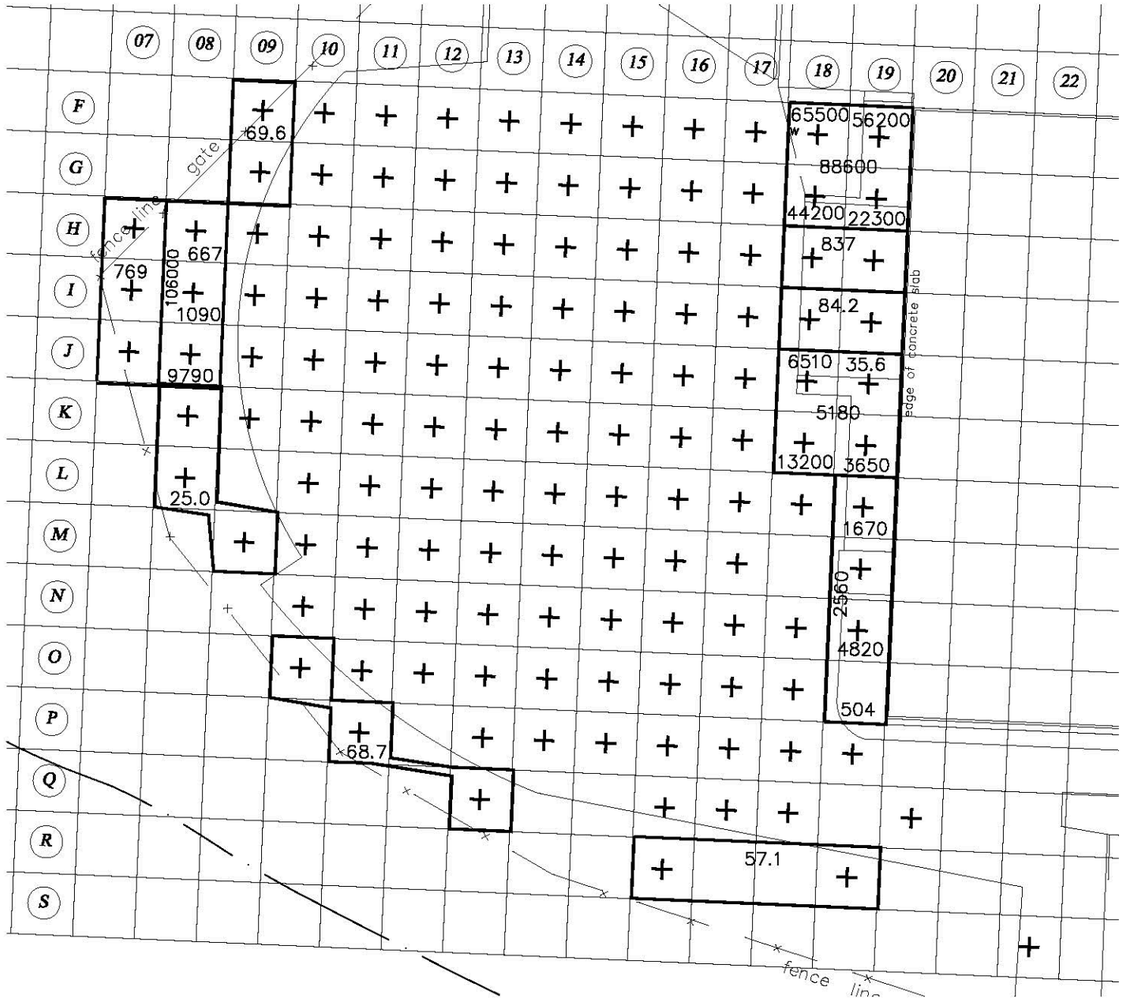
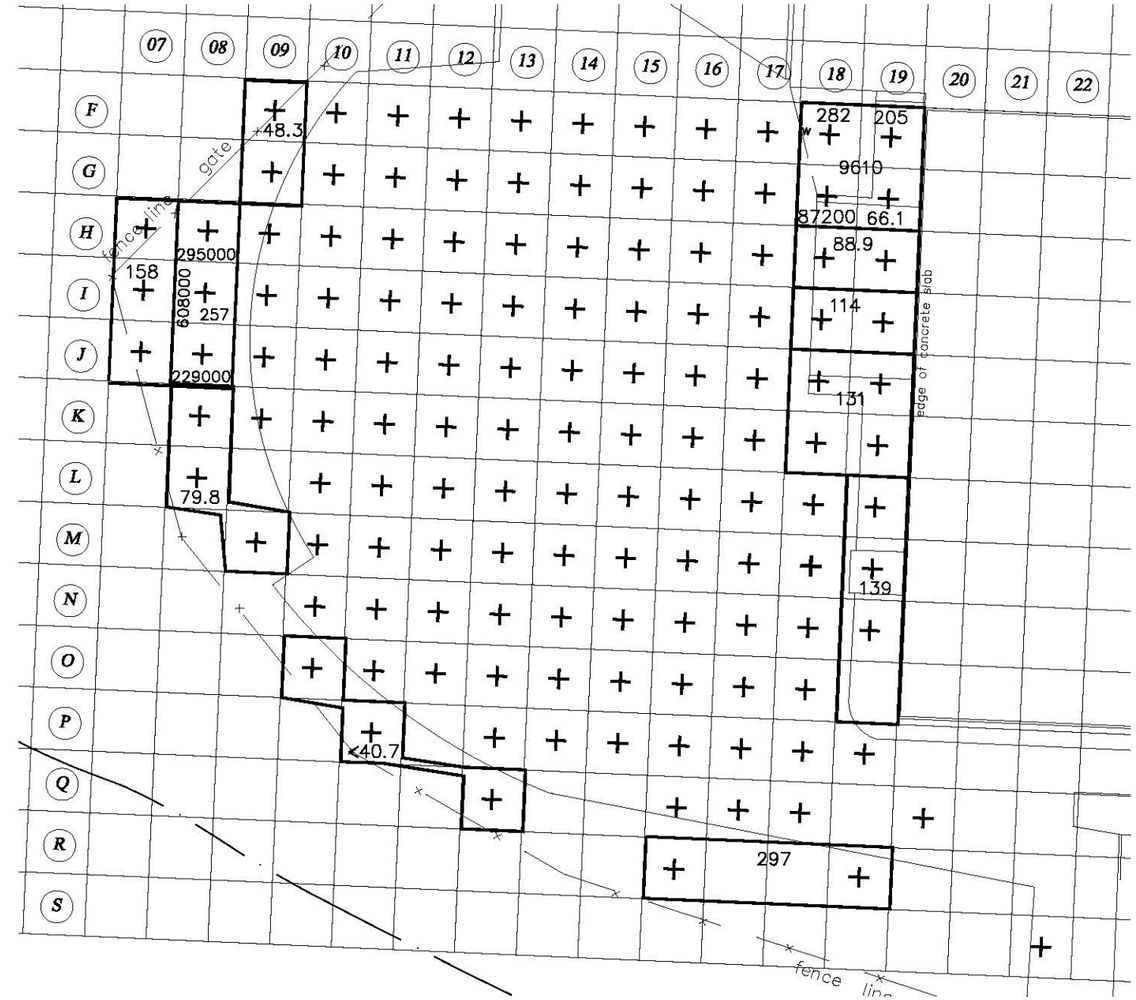
FIGURE 6-7
PCB SAMPLING RESULTS

RAP STEP TWO - PRECHARACTERIZATION

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

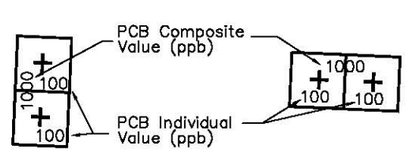


PCB SUB-AREA #5 (0-2 FT)



PCB SUB-AREA #5 (2-4 FT)

LEGEND



SCALE: 1" = 60'

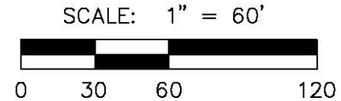


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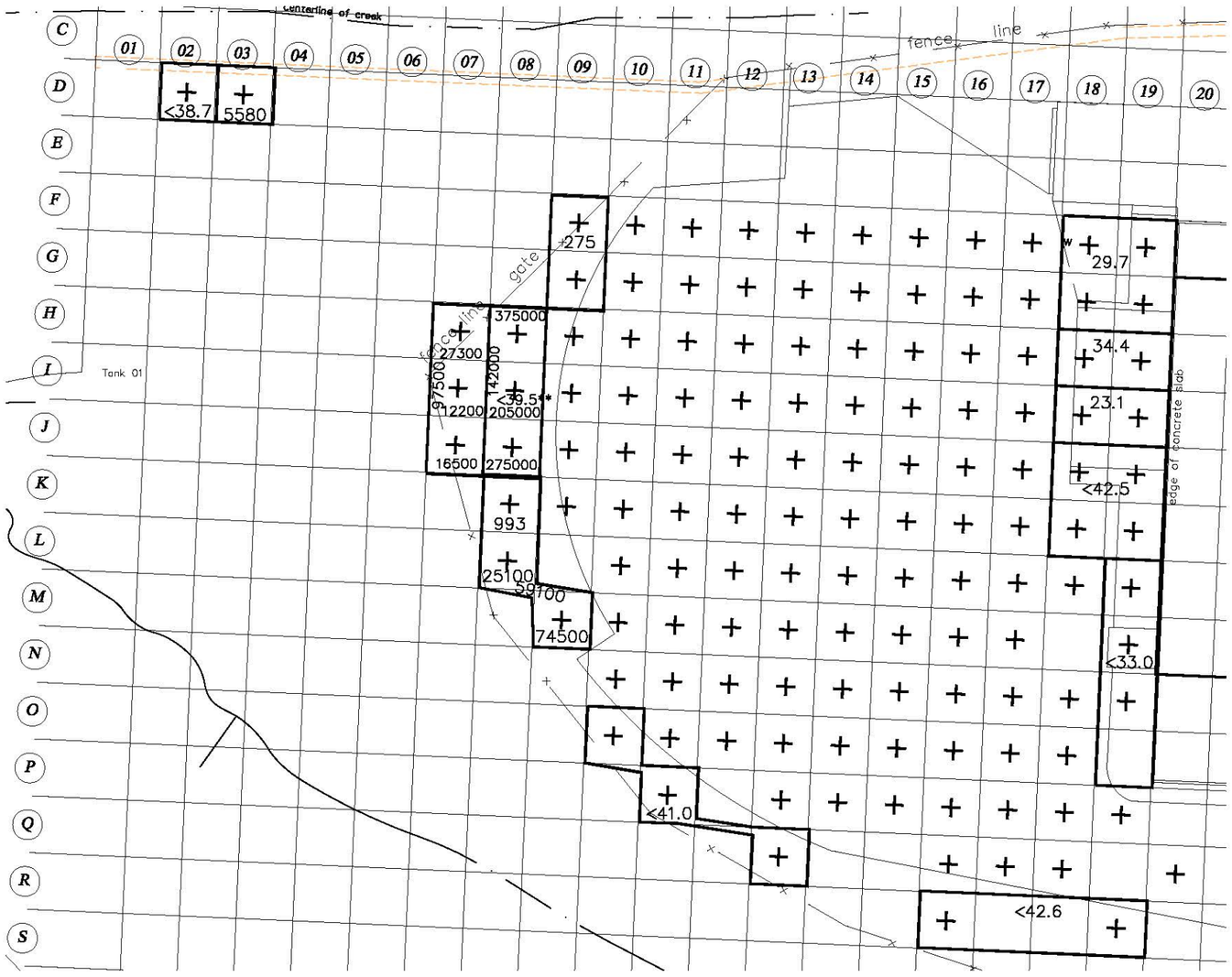
FIGURE 6-8
PCB SAMPLING RESULTS

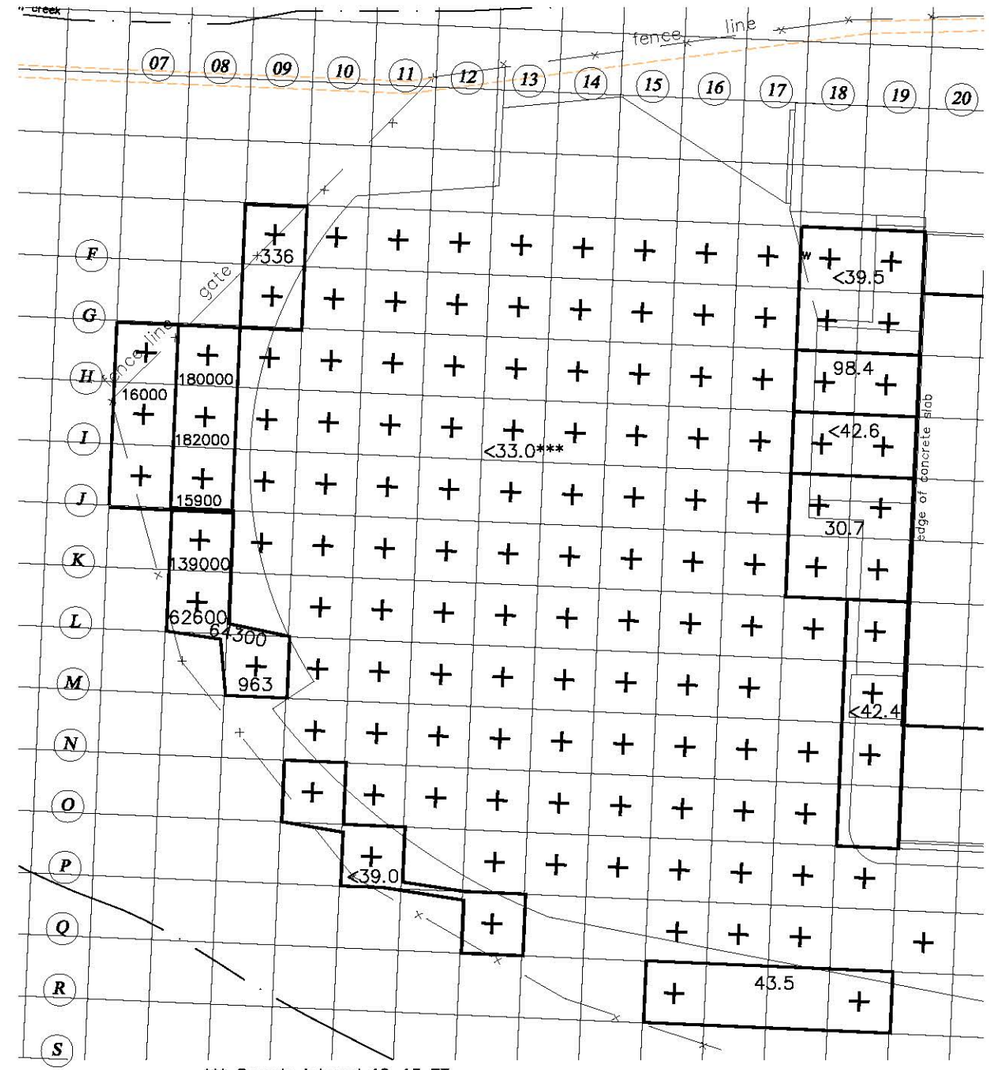
RAP STEP TWO - PRECHARACTERIZATION

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



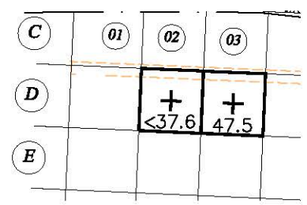
** Sample interval 20–21 FT

PCB SUB–AREA #5 (4–6 FT)

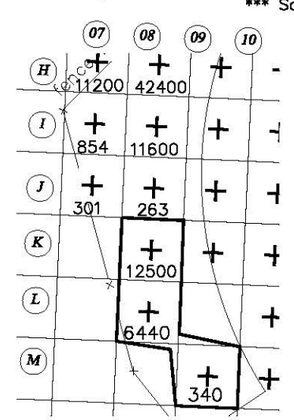


*** Sample interval 12–13 FT

PCB SUB–AREA #5 (6–8 FT)



PCB SUB–AREA #5 (8–10 FT)



PCB SUB–AREA #5 (8–10 FT)

SCALE: 1" = 60'

0 30 60 120

LEGEND

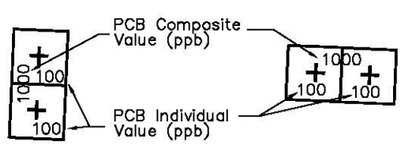


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FIGURE 6–9
PCB SAMPLING RESULTS

RAP STEP TWO – PRECHARACTERIZATION

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

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
21B-1 (4-6)	< 772	< 772	< 772	< 772	< 772	**5580**	< 772
21B-1 (8-10)	<38.1	<38.1	<38.1	<38.1	<38.1	**47.5**	<38.1
21B-2 (4-6)	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7	<38.7
21B-2 (8-10)	<37.6	<37.6	<37.6	<37.6	<37.6	<37.6	<37.6
AOC-3 1-3 (1.5-2.5)	<42.2	<42.2	<42.2	<42.2	<42.2	**108**	<42.2
AOC-3 4-6 (1.5-2.5)	<42.2	<42.2	<42.2	<42.2	<42.2	**90900**	<42.2
AOC-3 7-9 (1.5-2.5)	<50.4	<50.4	<50.4	<50.4	<50.4	**1370**	<50.4
AOC-3 1-3 (5-6)	<38.3	<38.3	<38.3	<38.3	<38.3	**129**	<38.3
AOC-3 4-6 (5-6)	<40.2	<40.2	<40.2	<40.2	<40.2	**23.3**	<40.2
AOC-3 7-9 (5-6)	<39.7	<39.7	<39.7	<39.7	<39.7	<39.7	<39.7
AOC 13 EAST CONCRETE	<34.3	<34.3	<34.3	<34.3	<34.3	**44.6**	<34.3
B 19-22 (0-1)	<41.6	<41.6	<41.6	<41.6	<41.6	**414**	<41.6
B 19-22 (1-2)	<41.4	<41.4	<41.4	<41.4	<41.4	**652**	<41.4
B 19-22 (2-3)	<39.4	<39.4	<39.4	<39.4	<39.4	**146**	<39.4
B 23-26 (0-1)	<39.0	<39.0	<39.0	<39.0	<39.0	**480**	<39.0
B 23-26 (1-2)	<38.2	<38.2	<38.2	<38.2	<38.2	<38.2	<38.2
B 23-26 (2-3)	<39.6	<39.6	<39.6	<39.6	<39.6	<39.6	<39.6
B 27-30 (0-1)	<37.5	<37.5	<37.5	<37.5	<37.5	**724**	<37.5
B 27-30 (1-2)	<40.4	<40.4	<40.4	<40.4	<40.4	**57.2**	<40.4
B 27-30 (2-3)	<41.2	<41.2	<41.2	<41.2	<41.2	**30.8**	<41.2
B 31-34 (0-1)	<36.5	<36.5	<36.5	<36.5	<36.5	**3710**	<36.5
B 31-34 (1-2)	<41.0	<41.0	<41.0	<41.0	<41.0	**1450**	<41.0
B 31-34 (2-3)	<42.6	<42.6	<42.6	<42.6	<42.6	<42.6	<42.6
B 35-38 (0-1)	<36.8	<36.8	<36.8	<36.8	<36.8	**7180**	<36.8
B 35-38 (1-2)	<38.3	<38.3	<38.3	<38.3	<38.3	**2360**	<38.3
B 35-38 (2-3)	<40.8	<40.8	<40.8	<40.8	<40.8	<40.8	<40.8
B 39 (0-1)	<37.3	<37.3	<37.3	<37.3	<37.3	**112**	<37.3
B 40 (0-1)	<40.6	<40.6	<40.6	<40.6	<40.6	**495**	<40.6
B 41 (0-1)	<36.9	<36.9	<36.9	<36.9	<36.9	**6230**	<36.9
B 39-41 (0-1)	<39.4	<39.4	<39.4	<39.4	<39.4	**2560**	<39.4

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
B 39 (1-2)	<42.2	<42.2	<42.2	<42.2	<42.2	**102**	<42.2
B 40 (1-2)	<1860	<1860	<1860	<1860	<1860	**7510**	<1860
B 41 (1-2)	<39.5	<39.5	<39.5	<39.5	<39.5	**272**	<39.5
B 39-41 (1-2)	<37.1	<37.1	<37.1	<37.1	<37.1	**8560**	<37.1
B 39 (2-3)	<43.5	<43.5	<43.5	<43.5	<43.5	<43.5	<43.5
B 40 (2-3)	<39.0	<39.0	<39.0	<39.0	<39.0	**1620**	<39.0
B 41 (2-3)	<38.6	<38.6	<38.6	<38.6	<38.6	<38.6	<38.6
B 39-41 (2-3)	<41.6	<41.6	<41.6	<41.6	<41.6	**2160**	<41.6
B 39 (3-4)	<41.2	<41.2	<41.2	<41.2	<41.2	**31**	<41.2
B 40 (3-4)	<45.5	<45.5	<45.5	<45.5	<45.5	**88.2**	<45.5
B 41 (3-4)	<38.2	<38.2	<38.2	<38.2	<38.2	**44.9**	<38.2
B 39 (4-5)	<42.1	<42.1	<42.1	<42.1	<42.1	**35.1**	<42.1
B 40 (4-5)	<46.7	<46.7	<46.7	<46.7	<46.7	**34.3**	<46.7
B 41 (4-5)	<39.9	<39.9	<39.9	<39.9	<39.9	**171**	<39.9
C 13 (0-1)	<42.0	<42.0	<42.0	<42.0	<42.0	**1890**	<42.0
C 14 (0-1)	<47.3	<47.3	<47.3	<47.3	<47.3	**772**	<47.3
C 13-14 (0-1)	<37.6	<37.6	<37.6	<37.6	<37.6	**2060**	<37.6
C 13 (1-2)	<37.7	<37.7	<37.7	<37.7	<37.7	**1010**	<37.7
C 14 (1-2)	<38.6	<38.6	<38.6	<38.6	<38.6	**4890**	<38.6
C 13-14 (1-2)	<38.8	<38.8	<38.8	<38.8	<38.8	**3670**	<38.8
C 13 (2-3)	<38.3	<38.3	<38.3	<38.3	<38.3	**2250**	<38.3
C 14 (2-3)	<40.1	<40.1	<40.1	<40.1	<40.1	**5830**	<40.1
C 13-14 (2-3)	<41.7	<41.7	<41.7	<41.7	<41.7	**2270**	<41.7
C 15-18 (0-1)	<33.7	<33.7	<33.7	<33.7	<33.7	**834**	<33.7
C 15 (1-2)	<38.5	<38.5	<38.5	<38.5	<38.5	**737**	<38.5
C 16 (1-2)	<37.3	<37.3	<37.3	<37.3	<37.3	**35000**	<37.3
C 17 (1-2)	<33.8	<33.8	<33.8	<33.8	<33.8	**19.8**	<33.8
C 18 (1-2)	<36.7	<36.7	<36.7	<36.7	<36.7	**1620**	<36.7
C 15-18 (1-2)	<38.0	<38.0	<38.0	<38.0	<38.0	**2950**	<38.0
C 15 (2-3)	<40.7	<40.7	<40.7	<40.7	<40.7	<40.7	<40.7

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
C 16 (2-3)	<38.5	<38.5	<38.5	<38.5	<38.5	**64900**	<38.5
C 17 (2-3)	<39.0	<39.0	<39.0	<39.0	<39.0	**7470**	<39.0
C 18 (2-3)	<39.1	<39.1	<39.1	<39.1	<39.1	**67700**	<39.1
C 15-18 (2-3)	<37.8	<37.8	<37.8	<37.8	<37.8	**10100**	<37.8
C 15 (3-4)	<40.9	<40.9	<40.9	<40.9	<40.9	**21.4**	<40.9
C 16 (3-4)	<37.5	<37.5	<37.5	<37.5	<37.5	**8580**	<37.5
C 17 (3-4)	<40.5	<40.5	<40.5	<40.5	<40.5	**147**	<40.5
C 18 (3-4)	<41.6	<41.6	<41.6	<41.6	<41.6	**33300**	<41.6
C 15 (4-5)	<43.5	<43.5	<43.5	<43.5	<43.5	**23**	<43.5
C 16 (4-5)	<39.6	<39.6	<39.6	<39.6	<39.6	**9870**	<39.6
C 17 (4-5)	<995	<995	<995	<995	<995	**3930**	<995
C 18 (4-5)	<2110	<2110	<2110	<2110	<2110	**7130**	<2110
C 19-22 (0-1)	<33.8	<33.8	<33.8	<33.8	<33.8	**1080**	<33.8
C 19-22 (1-2)	<38.5	<38.5	<38.5	<38.5	<38.5	**26300**	<38.5
C 19-22 (2-3)	<40.1	<40.1	<40.1	<40.1	<40.1	**868**	<40.1
C 23-26 (0-1)	<33.8	<33.8	<33.8	<33.8	<33.8	**1070**	<33.8
C 23-26 (1-2)	<34.9	<34.9	<34.9	<34.9	<34.9	**3360**	<34.9
C 23-26 (2-3)	<43.0	<43.0	<43.0	<43.0	<43.0	**3580**	<43.0
C 27-30 (0-1)	<35.2	<35.2	<35.2	<35.2	<35.2	**5070**	<35.2
C 27-30 (1-2)	<43.6	<43.6	<43.6	<43.6	<43.6	**4530**	<43.6
C 27 (2-3)	<39.9	<39.9	<39.9	<39.9	<39.9	**79.4**	<39.9
C 28 (2-3)	<41.4	<41.4	<41.4	<41.4	<41.4	**9090**	<41.4
C 29 (2-3)	<7080	<7080	<7080	<7080	<7080	**16900**	<7080
C 30 (2-3)	<3930	<3930	<3930	<3930	<3930	**26400**	<3930
C 27-30 (2-3)	<42.0	<42.0	<42.0	<42.0	<42.0	**24700**	<42.0
C 27-30 (3-4)	<10900	<10900	<10900	<10900	<10900	**61500**	<10900
C 27-30 (4-5)	<40.8	<40.8	<40.8	<40.8	<40.8	**4580**	<40.8
C 31-34 (0-1)	<37.7	<37.7	<37.7	<37.7	<37.7	**106000**	<37.7
C 31-34 (1-2)	<38.9	<38.9	<38.9	<38.9	<38.9	**17800**	<38.9
C 31 (2-3)	<46.6	<46.6	<46.6	<46.6	<46.6	**64500**	<46.6

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
C 32 (2-3)	<49.0	<49.0	<49.0	<49.0	<49.0	**384**	<49.0
C 33 (2-3)	<35.0	<35.0	<35.0	<35.0	<35.0	**450**	<35.0
C 34 (2-3)	<40.6	<40.6	<40.6	<40.6	<40.6	**20.4**	<40.6
C 31-34 (2-3)	<39.3	<39.3	<39.3	<39.3	<39.3	**13100**	<39.3
C 31-34 (3-4)	<44.6	<44.6	<44.6	<44.6	<44.6	**1910**	<44.6
C 31-34 (4-5)	<42.1	<42.1	<42.1	<42.1	<42.1	**121**	<42.1
C 35-38 (0-1)	<35.3	<35.3	<35.3	<35.3	<35.3	**2110**	<35.3
C 35-38 (1-2)	<43.4	<43.4	<43.4	<43.4	<43.4	**27300**	<43.4
C 35-38 (2-3)	<44.3	<44.3	<44.3	<44.3	<44.3	**266**	<44.3
C 39 (0-1)	<39.7	<39.7	<39.7	<39.7	<39.7	**178**	<39.7
C 40 (0-1)	<35.9	<35.9	<35.9	<35.9	<35.9	**172**	<35.9
C 41 (0-1)	<37.6	<37.6	<37.6	<37.6	<37.6	**432000**	<37.6
C 42 (0-1)	<43.4	<43.4	<43.4	<43.4	<43.4	**3110**	<43.4
C 39-42 (0-1)	<38.6	<38.6	<38.6	<38.6	<38.6	**2580**	<38.6
C 39 (1-2)	<882	<882	<882	<882	<882	**1110**	<882
C 40 (1-2)	<8910	<8910	<8910	<8910	<8910	**37200**	<8910
C 41 (1-2)	<44.0	<44.0	<44.0	<44.0	<44.0	**81.6**	<44.0
C 42 (1-2)	<42.2	<42.2	<42.2	<42.2	<42.2	**945**	<42.2
C 39-42 (1-2)	<41.2	<41.2	<41.2	<41.2	<41.2	**3450**	<41.2
C 39 (2-3)	<50.2	<50.2	<50.2	<50.2	<50.2	**24.6**	<50.2
C 40 (2-3)	<1800	<1800	<1800	<1800	<1800	**4610**	<1800
C 41 (2-3)	<43.8	<43.8	<43.8	<43.8	<43.8	<43.8	<43.8
C 42 (2-3)	<41.1	<41.1	<41.1	<41.1	<41.1	**4600**	<41.1
C 39-42 (2-3)	<44.5	<44.5	<44.5	<44.5	<44.5	**10600**	<44.5
C 39 (3-4)	<40.8	<40.8	<40.8	<40.8	<40.8	<40.8	<40.8
C 40 (3-4)	<46.0	<46.0	<46.0	<46.0	<46.0	**22**	<46.0
C 41 (3-4)	<42.5	<42.5	<42.5	<42.5	<42.5	<42.5	<42.5
C 42 (3-4)	<44.1	<44.1	<44.1	<44.1	<44.1	**591**	<44.1
C 39 (4-5)	<40.6	<40.6	<40.6	<40.6	<40.6	<40.6	<40.6
C 40 (4-5)	<42.8	<42.8	<42.8	<42.8	<42.8	**30.6**	<42.8

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
C 41 (4-5)	<43.1	<43.1	<43.1	<43.1	<43.1	<43.1	<43.1
C 42 (4-5)	<44.8	<44.8	<44.8	<44.8	<44.8	**144**	<44.8
D-12 (1-2)	<38.3	<38.3	<38.3	<38.3	<38.3	**357**	<38.3
DE-12 E-13 (3-4)	<41.2	<41.2	<41.2	<41.2	<41.2	**41.1**	<41.2
DE-12 E-13 (4-5)	<41.1	<41.1	<41.1	<41.1	<41.1	**34.2**	<41.1
D-14 (1-2)	<46.5	<46.5	<46.5	<46.5	<46.5	**5050**	<46.5
D-15 (1-2)	<42.5	<42.5	<42.5	<42.5	<42.5	**29.4**	<42.5
DE 14-15 (3-4)	<43.3	<43.3	<43.3	<43.3	<43.3	**3100**	<43.3
DE 14-15 (4-5)	<44.4	<44.4	<44.4	<44.4	<44.4	**45**	<44.4
D-16 (1-2)	< 35.2	< 35.2	< 35.2	< 35.2	< 35.2	**12700**	< 35.2
D-17 (1-2)	< 35.8	< 35.8	< 35.8	< 35.8	< 35.8	**27.9**	< 35.8
E-16 (1-2)	< 38.2	< 38.2	< 38.2	< 38.2	< 38.2	**363**	< 38.2
E-17 (1-2)	< 41.8	< 41.8	< 41.8	< 41.8	< 41.8	**412**	< 41.8
DE 16-17 (3-4)	< 38.9	< 38.9	< 38.9	< 38.9	< 38.9	**7050**	< 38.9
DE 16-17 (4-5)	< 38.4	< 38.4	< 38.4	< 38.4	< 38.4	**31800**	< 38.4
DE 16-17 (5-6)	<41.2	<41.2	<41.2	<41.2	<41.2	**41.6**	<41.2
DE 16-17 (6-7)	<44.8	<44.8	<44.8	<44.8	<44.8	**12500**	<44.8
DE 16-17 (7-8)	<44.2	<44.2	<44.2	<44.2	<44.2	**104**	<44.2
D-18 (1-2)	<43.6	<43.6	<43.6	<43.6	<43.6	**395**	<43.6
D-19 (1-2)	<42.0	<42.0	<42.0	<42.0	<42.0	**178**	<42.0
E-18 (1-2)	<42.0	<42.0	<42.0	<42.0	<42.0	**9230**	<42.0
E-19 (1-2)	<44.0	<44.0	<44.0	<44.0	<44.0	**21.7**	<44.0
DE 18-19 (3-4)	<41.7	<41.7	<41.7	<41.7	<41.7	**15200**	<41.7
DE 18-19 (4-5)	<42.2	<42.2	<42.2	<42.2	<42.2	**24200**	<42.2
DE 18-19 (5-6)	<43.2	<43.2	<43.2	<43.2	<43.2	**2880**	<43.2
D-20 (1-2)	<40.2	<40.2	<40.2	<40.2	<40.2	**6530**	<40.2
D-20 (3-4)	<41.0	<41.0	<41.0	<41.0	<41.0	**191000**	<41.0
D-20 (4-5)	<43.3	<43.3	<43.3	<43.3	<43.3	**141**	<43.3
D-21 (1.5-2.5)	<40.1	<40.1	<40.1	<40.1	<40.1	**440**	<40.1
D-21 (5.5-6.5)	<38.8	<38.8	<38.8	<38.8	<38.8	<38.8	<38.8

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
D-22 (1.5-2.5)	<43.2	<43.2	<43.2	<43.2	<43.2	**6320**	<43.2
D-22 (5.5-6.5)	<40.7	<40.7	<40.7	<40.7	<40.7	**2830**	<40.7
D-23 (1.5-2.5)	<44.1	<44.1	<44.1	<44.1	<44.1	<44.1	<44.1
D-23 (5.5-6.5)	<39.1	<39.1	<39.1	<39.1	<39.1	**10500**	<39.1
D21-23 (7.5-8.5)	<43.3	<43.3	<43.3	<43.3	<43.3	**566**	<43.3
D21-23 (8.5-9.5)	<41.8	<41.8	<41.8	<41.8	<41.8	**142**	<41.8
D-24 (1.5-2.5)	<42.1	<42.1	<42.1	<42.1	<42.1	**399**	<42.1
D-24 (5.5-6.5)	<39.6	<39.6	<39.6	<39.6	<39.6	**290**	<39.6
D-25 (1.5 - 2.5)	<42.3	<42.3	<42.3	<42.3	<42.3	**43000**	<42.3
D-25 (5.5-6.5)	<38.2	<38.2	<38.2	<38.2	<38.2	**547**	<38.2
DE 24-25 (7.5-8.5)	<41.1	<41.1	<41.1	<41.1	<41.1	**1650**	<41.1
DE 24-25 (8.5-9.5)	<42.4	<42.4	<42.4	<42.4	<42.4	**3180**	<42.4
D 26-29 (1.5-2.5)	<42.3	<42.3	<42.3	<42.3	<42.3	**24400**	<42.3
D 26-29 (3.5-4.5)	<42.5	<42.5	<42.5	<42.5	<42.5	**127000**	<42.5
D 26-29 (4.5-5.5)	<41.7	<41.7	<41.7	<41.7	<41.7	**43300**	<41.7
D 26-29 (5.5-6.5)	<44.4	<44.4	<44.4	<44.4	<44.4	**314**	<44.4
D 30-33 (1.5-2.5)	<43.9	<43.9	<43.9	<43.9	<43.9	**278**	<43.9
D 30-33 (3.5-4.5)	<39.5	<39.5	<39.5	<39.5	<39.5	**68500**	<39.5
D 30-33 (4.5-5.5)	<42.0	<42.0	<42.0	<42.0	<42.0	**740**	<42.0
D 30-33 (5.5-6.5)	<39.7	<39.7	<39.7	<39.7	<39.7	<39.7	<39.7
D 34-36 (1.5-2.5)	<44.5	<44.5	<44.5	<44.5	<44.5	**2910**	<44.5
D 34-36 (3.5-4.5)	<40.1	<40.1	<40.1	<40.1	<40.1	**111000**	<40.1
D 34-36 (4.5-5.5)	<41.5	<41.5	<41.5	<41.5	<41.5	**41.2**	<41.5
D 34-36 (5.5-6.5)	<41.3	<41.3	<41.3	<41.3	<41.3	<41.3	<41.3
D 37-39 (1.5-2.5)	<43.8	<43.8	<43.8	<43.8	<43.8	<43.8	<43.8
D 37-39 (3.5-4.5)	<42.6	<42.6	<42.6	<42.6	<42.6	**75000**	<42.6
D 37-39 (4.5-5.5)	<43.9	<43.9	<43.9	<43.9	<43.9	**8640**	<43.9
D 37-39 (5.5-6.5)	<46.2	<46.2	<46.2	<46.2	<46.2	**140**	<46.2
D 40 (0-1)	<20700	<20700	<20700	<20700	<20700	**90200**	<20700
D 42 (0-1)	<41.4	<41.4	<41.4	<41.4	<41.4	**504**	<41.4

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
D 40 D 42 (0-1)	<38.3	<38.3	<38.3	<38.3	<38.3	**73100**	<38.3
D 40 (1-2)	<7480	<7480	<7480	<7480	<7480	**33900**	<7480
D 42 (1-2)	<42.7	<42.7	<42.7	<42.7	<42.7	**58.3**	<42.7
D 40 D 42 (1-2)	<41.6	<41.6	<41.6	<41.6	<41.6	**4010**	<41.6
D 40 (2-3)	<37.3	<37.3	<37.3	<37.3	<37.3	**19400**	<37.3
D 42 (2-3)	<44.5	<44.5	<44.5	<44.5	<44.5	**44.5**	<44.5
D 40 D 42 (2-3)	<41.3	<41.3	<41.3	<41.3	<41.3	**7350**	<41.3
D 40 (3-4)	<3740	<3740	<3740	<3740	<3740	**11900**	<3740
D 42 (3-4)	<42.8	<42.8	<42.8	<42.8	<42.8	<42.8	<42.8
D 40 (4-5)	<38.7	<38.7	<38.7	<38.7	<38.7	**402**	<38.7
D 42 (4-5)	<36.9	<36.9	<36.9	<36.9	<36.9	<36.9	<36.9
E-11 (1-2)	<41.2	<41.2	<41.2	<41.2	<41.2	**208**	<41.2
E-12 (1-2)	<38.8	<38.8	<38.8	<38.8	<38.8	**224**	<38.8
E-11 (3-4)	<41.8	<41.8	<41.8	<41.8	<41.8	**46.9**	<41.8
E-11 (4-5)	<37.3	<37.3	<37.3	<37.3	<37.3	**145**	<37.3
E-13 (1-2)	<41.7	<41.7	<41.7	<41.7	<41.7	**2120**	<41.7
E-14 (1-2)	<39.6	<39.6	<39.6	<39.6	<39.6	**594**	<39.6
E-15 (1-2)	<38.9	<38.9	<38.9	<38.9	<38.9	**31**	<38.9
E-20 (1.5-2.5)	<43.7	<43.7	<43.7	<43.7	<43.7	**14800**	<43.7
E-20 (5.5-6.5)	<43.0	<43.0	<43.0	<43.0	<43.0	**1830**	<43.0
E-20 (7.5-8.5)	<46.9	<46.9	<46.9	<46.9	<46.9	<46.9	<46.9
E-21 (1.5-2.5)	<42.3	<42.3	<42.3	<42.3	<42.3	**11300**	<42.3
E-21 (5.5-6.5)	<36.5	<36.5	<36.5	<36.5	<36.5	**4910**	<36.5
E-22 (1.5-2.5)	<42.3	<42.3	<42.3	<42.3	<42.3	**6270**	<42.3
E-22 (5.5-6.5)	<36.6	<36.6	<36.6	<36.6	<36.6	**11000**	<36.6
E-23 (1.5-2.5)	<45.3	<45.3	<45.3	<45.3	<45.3	**25.7**	<45.3
E-23 (5.5-6.5)	<43.2	<43.2	<43.2	<43.2	<43.2	**23300**	<43.2
E21-23 (7.5-8.5)	<43.7	<43.7	<43.7	<43.7	<43.7	**3400**	<43.7
E21-23 (8.5-9.5)	<39.4	<39.4	<39.4	<39.4	<39.4	**526**	<39.4
E-24 (1.5-2.5)	<42.1	<42.1	<42.1	<42.1	<42.1	**560**	<42.1

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
E-24 (5.5-6.5)	<38.4	<38.4	<38.4	<38.4	<38.4	**20800**	<38.4
E-25 (1.5-2.5)	<42.0	<42.0	<42.0	<42.0	<42.0	**117**	<42.0
E-25 (5.5-6.5)	<38.6	<38.6	<38.6	<38.6	<38.6	**2910**	<38.6
E 26-29 (1.5-2.5)	<41.1	<41.1	<41.1	<41.1	<41.1	**20700**	<41.1
E 26-29 (3.5-4.5)	<43.2	<43.2	<43.2	<43.2	<43.2	**144000**	<43.2
E 26-29 (4.5-5.5)	<44.9	<44.9	<44.9	<44.9	<44.9	**50500**	<44.9
E 26-29 (5.5-6.5)	<45.8	<45.8	<45.8	<45.8	<45.8	**3120**	<45.8
E 30-33 (1.5-2.5)	<42.8	<42.8	<42.8	<42.8	<42.8	**141**	<42.8
E 30-33 (3.5-4.5)	<44.6	<44.6	<44.6	<44.6	<44.6	**39000**	<44.6
E 30-33 (4.5-5.5)	<45.7	<45.7	<45.7	<45.7	<45.7	**82200**	<45.7
E 30-33 (5.5-6.5)	<46.5	<46.5	<46.5	<46.5	<46.5	**13000**	<46.5
E 30-33 (6.5-7.5)	<42.2	<42.2	<42.2	<42.2	<42.2	**31.5**	<42.2
E 30-33 (7.5-8.5)	<46.0	<46.0	<46.0	<46.0	<46.0	**28.2**	<46.0
E 34 -36 (1.5-2.5)	<44.5	<44.5	<44.5	<44.5	<44.5	**110**	<44.5
E 34 -36 (3.5-4.5)	<43.6	<43.6	<43.6	<43.6	<43.6	**13700**	<43.6
E 34 -36 (4.5-5.5)	<42.0	<42.0	<42.0	<42.0	<42.0	**35100**	<42.0
E 34 -36 (5.5-6.5)	<44.1	<44.1	<44.1	<44.1	<44.1	**837**	<44.1
E 37-39 (1.5-2.5)	<44.5	<44.5	<44.5	<44.5	<44.5	**41**	<44.5
E 37-39 (3.5-4.5)	<44.9	<44.9	<44.9	<44.9	<44.9	**24.9**	<44.9
E 37-39 (4.5-5.5)	<42.6	<42.6	<42.6	<42.6	<42.6	**36.5**	<42.6
E 37-39 (5.5-6.5)	<43.0	<43.0	<43.0	<43.0	<43.0	<43.0	<43.0
F 10-13 (0-0.5)	<36.6	<36.6	<36.6	<36.6	<36.6	**249**	<36.6
F 10-13 (0.5-1.5)	<38.6	<38.6	<38.6	<38.6	<38.6	**1770**	<38.6
F 10-13 (1.5-2.5)	<40.0	<40.0	<40.0	<40.0	<40.0	**577**	<40.0
F 10-13 (2.5-3.5)	<39.9	<39.9	<39.9	<39.9	<39.9	**954**	<39.9
F-14 (0.5-1.5)	<39.1	<39.1	<39.1	<39.1	<39.1	**13100**	<39.1
F-15 (0.5-1.5)	<40.8	<40.8	<40.8	<40.8	<40.8	**21300**	<40.8
F-16 (0.5-1.5)	<38.3	<38.3	<38.3	<38.3	<38.3	**42900**	<38.3
F-17 (0.5-1.5)	<36.4	<36.4	<36.4	<36.4	<36.4	<36.4	<36.4
F 14-17 (0-0.5)	<34.3	<34.3	<34.3	<34.3	<34.3	<34.3	<34.3

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
F 14-17 (0.5-1.5)	<40.8	<40.8	<40.8	<40.8	<40.8	**57700**	<40.8
F 14-17 (1.5-2.5)	<40.1	<40.1	<40.1	<40.1	<40.1	**4530**	<40.1
F 14-17 (2.5-3.5)	<43.5	<43.5	<43.5	<43.5	<43.5	**1930**	<43.5
F-18 (0-2)	<4080	<4080	<4080	<4080	<4080	**65500**	<4080
F-18 (2-4)	<42.9	<42.9	<42.9	<42.9	<42.9	**282**	<42.9
F-19 (0-2)	<19900	<19900	<19900	<19900	<19900	**56200**	<19900
F-19 (2-4)	<42.3	<42.3	<42.3	<42.3	<42.3	**205**	<42.3
FG-9 (0-2)	<36.9	<36.9	<36.9	<36.9	<36.9	**69.6**	<36.9
FG-9 (2-4)	<38.4	<38.4	<38.4	<38.4	<38.4	**48.3**	<38.4
FG-9 (4-6)	<39.1	<39.1	<39.1	<39.1	<39.1	**275**	<39.1
FG-9 (6-8)	<39.7	<39.7	<39.7	<39.7	<39.7	**336**	<39.7
FG 18-19 (0-2)	<40.5	<40.5	<40.5	<40.5	<40.5	**88600**	<40.5
FG 18-19 (2-4)	<42.2	<42.2	<42.2	<42.2	<42.2	**9610**	<42.2
FG 18-19 (4-6)	<43.3	<43.3	<43.3	<43.3	<43.3	**29.7**	<43.3
FG 18-19 (6-8)	<39.5	<39.5	<39.5	<39.5	<39.5	<39.5	<39.5
F20-23 (1-2)	<41.5	<41.5	<41.5	<41.5	<41.5	**9570**	<41.5
F20-23 (3-4)	<41.9	<41.9	<41.9	<41.9	<41.9	**27300**	<41.9
F20-23 (4-5)	<42.7	<42.7	<42.7	<42.7	<42.7	**9510**	<42.7
F20-23 (5-6)	<42.1	<42.1	<42.1	<42.1	<42.1	**572**	<42.1
F27-30 (0-0.5)	<34.2	<34.2	<34.2	<34.2	<34.2	**2880**	<34.2
F27-30 (1.5-2.5)	<46.5	<46.5	<46.5	<46.5	<46.5	**5530**	<46.5
F27-30 (3.5-4.5)	<45.1	<45.1	<45.1	<45.1	<45.1	**4760**	<45.1
F27-30 (4.5-5.5)	<45.9	<45.9	<45.9	<45.9	<45.9	**501**	<45.9
F27-30 (5.5-6.5)	<43.5	<43.5	<43.5	<43.5	<43.5	**3500**	<43.5
F27-30 (6.5-7.5)	<41.8	<41.8	<41.8	<41.8	<41.8	<41.8	<41.8
F27-30 (7.5-8.5)	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0
G10, 12, 13 (0-0.5)	<34.9	<34.9	<34.9	<34.9	<34.9	**4460**	<34.9
G10-13 (0.5-1.5)	<39.5	<39.5	<39.5	<39.5	<39.5	**4110**	<39.5
G10-13 (1.5-2.5)	<37.4	<37.4	<37.4	<37.4	<37.4	**104**	<37.4
G10-13 (2.5-3.5)	<41.4	<41.4	<41.4	<41.4	<41.4	**7520**	<41.4

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
G-14 (0.5-1.5)	<38.4	<38.4	<38.4	<38.4	<38.4	**2710**	<38.4
G-15 (0.5-1.5)	<36.7	<36.7	<36.7	<36.7	<36.7	**13400**	<36.7
G-16 (0.5-1.5)	<39.7	<39.7	<39.7	<39.7	<39.7	**20600**	<39.7
G-17 (0.5-1.5)	<37.1	<37.1	<37.1	<37.1	<37.1	**174000**	<37.1
G14-17 (0-0.5)	<35.4	<35.4	<35.4	<35.4	<35.4	**11100**	<35.4
G14-17 (0.5-1.5)	<38.1	<38.1	<38.1	<38.1	<38.1	**135000**	<38.1
G14-17 (1.5-2.5)	<43.0	<43.0	<43.0	<43.0	<43.0	**34000**	<43.0
G14-17 (2.5-3.5)	<41.2	<41.2	<41.2	<41.2	<41.2	**524**	<41.2
G-18 (0-2)	<7960	<7960	<7960	<7960	<7960	**44200**	<7960
G-18 (2-4)	<19800	<19800	<19800	<19800	<19800	**87200**	<19800
G-19 (0-2)	<4090	<4090	<4090	<4090	<4090	**22300**	<4090
G-19 (2-4)	<38.4	<38.4	<38.4	<38.4	<38.4	**66.1**	<38.4
GM 20-23 (0-0.5)	<33.6	<33.6	<33.6	<33.6	<33.6	**29**	<33.6
G 20-23 (1-2)	<41.3	<41.3	<41.3	<41.3	<41.3	**10600**	<41.3
G 20-23 (3-4)	<39.5	<39.5	<39.5	<39.5	<39.5	**4540**	<39.5
G 20-23 (4-5)	<43.3	<43.3	<43.3	<43.3	<43.3	**268**	<43.3
G 20-23 (5-6)	<41.1	<41.1	<41.1	<41.1	<41.1	**106**	<41.1
H-10 (0.5-1.5)	<48.1	<48.1	<48.1	<48.1	<48.1	**39.6**	<48.1
H-11 (0.5-1.5)	<8100	<8100	<8100	<8100	<8100	**44000**	<8100
H-12 (0.5-1.5)	<8040	<8040	<8040	<8040	<8040	**47800**	<8040
H-13 (0.5-1.5)	<4030	<4030	<4030	<4030	<4030	**26500**	<4030
H10-13 (0-0.5)	<35.4	<35.4	<35.4	<35.4	<35.4	**914**	<35.4
H10-13 (0.5-1.5)	<40.8	<40.8	<40.8	<40.8	<40.8	**78100**	<40.8
H10-13 (1.5-2.5)	<38.5	<38.5	<38.5	<38.5	<38.5	**2920**	<38.5
H10-13 (2.5-3.5)	<39.8	<39.8	<39.8	<39.8	<39.8	**125**	<39.8
H-14 (0.5-1.5)	<34.5	<34.5	<34.5	<34.5	<34.5	<34.5	<34.5
H-15 (0.5-1.5)	<78800	<78800	<78800	<78800	<78800	**223000**	<78800
H-16 (0.5-1.5)	<71700	<71700	<71700	<71700	<71700	**156000**	<71700
H-17 (0.5-1.5)	<2240	<2240	<2240	<2240	<2240	**14200**	<2240
H14-17 (0-0.5)	<34.5	<34.5	<34.5	<34.5	<34.5	**6440**	<34.5

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
H14-17 (0.5-1.5)	<40.5	<40.5	<40.5	<40.5	<40.5	**296000**	<40.5
H14-17 (1.5-2.5)	<41.5	<41.5	<41.5	<41.5	<41.5	**13500**	<41.5
H14-17 (2.5-3.5)	<42.6	<42.6	<42.6	<42.6	<42.6	**4690**	<42.6
H 18-19 (0-2)	<45.9	<45.9	<45.9	<45.9	<45.9	**837**	<45.9
H 18-19 (2-4)	<44.5	<44.5	<44.5	<44.5	<44.5	**88.9**	<44.5
H 18-19 (4-6)	<43.2	<43.2	<43.2	<43.2	<43.2	**34.4**	<43.2
H 18-19 (6-8)	<44.0	<44.0	<44.0	<44.0	<44.0	**98.4**	<44.0
H 20-23 (1-2)	<41.7	<41.7	<41.7	<41.7	<41.7	**48600**	<41.7
H 20-23 (3-4)	<38.5	<38.5	<38.5	<38.5	<38.5	**12800**	<38.5
H 20-23 (4-5)	<40.7	<40.7	<40.7	<40.7	<40.7	**1590**	<40.7
H 20-23 (5-6)	<40.6	<40.6	<40.6	<40.6	<40.6	**1550**	<40.6
I-8 (20-21)	<39.5	<39.5	<39.5	<39.5	<39.5	<39.5	<39.5
I-10 (0.5-1.5)	<38.0	<38.0	<38.0	<38.0	<38.0	<38.0	<38.0
I-11 (0.5-1.5)	<1160	<1160	<1160	<1160	<1160	**5470**	<1160
I-12 (0.5-1.5)	<76000	<76000	<76000	<76000	<76000	**736000**	<76000
I-13 (0.5-1.5)	<3980	<3980	<3980	<3980	<3980	**65900**	<3980
I 10-13 (0-0.5)	<37.3	<37.3	<37.3	<37.3	<37.3	**38500**	<37.3
I 10-13 (0.5-1.5)	<39.5	<39.5	<39.5	<39.5	<39.5	**52100**	<39.5
I 10-13 (1.5-2.5)	<39.0	<39.0	<39.0	<39.0	<39.0	**290**	<39.0
I 10-13 (2.5-3.5)	<44.3	<44.3	<44.3	<44.3	<44.3	**166**	<44.3
I-13 (12-13)	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0
I 14-17 (0-0.5)	<36.9	<36.9	<36.9	<36.9	<36.9	**43200**	<36.9
I 14-17 (0.5-1.5)	<38.5	<38.5	<38.5	<38.5	<38.5	**7910**	<38.5
I 14-17 (1.5-2.5)	<39.2	<39.2	<39.2	<39.2	<39.2	**337**	<39.2
I 14-17 (2.5-3.5)	<40.2	<40.2	<40.2	<40.2	<40.2	**1020**	<40.2
I 18-19 (0-2)	<42.0	<42.0	<42.0	<42.0	<42.0	**84.2**	<42.0
I 18-19 (2-4)	<42.3	<42.3	<42.3	<42.3	<42.3	**114**	<42.3
I 18-19 (4-6)	<43.1	<43.1	<43.1	<43.1	<43.1	**23.1**	<43.1
I 18-19 (6-8)	<42.6	<42.6	<42.6	<42.6	<42.6	<42.6	<42.6
I 20-23 (1-2)	<41.5	<41.5	<41.5	<41.5	<41.5	**14400**	<41.5

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
I 20-23 (3-4)	<39.3	<39.3	<39.3	<39.3	<39.3	**198**	<39.3
I 20-23 (4-5)	<42.0	<42.0	<42.0	<42.0	<42.0	**92.7**	<42.0
I 20-23 (5-6)	<42.6	<42.6	<42.6	<42.6	<42.6	<42.6	<42.6
JK 18-19 (0-2)	<39.0	<39.0	<39.0	<39.0	<39.0	**5180**	<39.0
J-18 (0-2)	<2060	<2060	<2060	<2060	<2060	**6510**	<2060
J-19 (0-2)	<36.3	<36.3	<36.3	<36.3	<36.3	**35.6**	<36.3
K-18 (0-2)	<1710	<1710	<1710	<1710	<1710	**13200**	<1710
K-19 (0-2)	<724	<724	<724	<724	<724	**3650**	<724
JK 18-19 (2-4)	<41.7	<41.7	<41.7	<41.7	<41.7	**131**	<41.7
JK 18-19 (4-6)	<42.5	<42.5	<42.5	<42.5	<42.5	<42.5	<42.5
JK 18-19 (6-8)	<42.8	<42.8	<42.8	<42.8	<42.8	**30.7**	<42.8
J 10-13 (0-0.5)	<38.3	<38.3	<38.3	<38.3	<38.3	**3510**	<38.3
J 10-13 (0.5-1.5)	<39.3	<39.3	<39.3	<39.3	<39.3	**3460**	<39.3
J 10-13 (1.5-2.5)	<39.9	<39.9	<39.9	<39.9	<39.9	**384**	<39.9
J 10-13 (2.5-3.5)	<38.8	<38.8	<38.8	<38.8	<38.8	**130**	<38.8
J 14-17 (0-0.5)	<39.1	<39.1	<39.1	<39.1	<39.1	**31100**	<39.1
J 14-17 (0.5-1.5)	<35.1	<35.1	<35.1	<35.1	<35.1	**33100**	<35.1
J 14-17 (1.5-2.5)	<42.8	<42.8	<42.8	<42.8	<42.8	**3420**	<42.8
J 14-17 (2.5-3.5)	<39.4	<39.4	<39.4	<39.4	<39.4	**9370**	<39.4
J 20-23 (1-2)	<42.4	<42.4	<42.4	<42.4	<42.4	**2680**	<42.4
J 20-23 (3-4)	<40.8	<40.8	<40.8	<40.8	<40.8	**418**	<40.8
J 20-23 (4-5)	<40.7	<40.7	<40.7	<40.7	<40.7	**28**	<40.7
J 20-23 (5-6)	<42.4	<42.4	<42.4	<42.4	<42.4	<42.4	<42.4
K 10-13 (0-0.5)	<40.5	<40.5	<40.5	<40.5	<40.5	**822**	<40.5
K 10-13 (0.5-1.5)	<41.0	<41.0	<41.0	<41.0	<41.0	**759**	<41.0
K 10-13 (1.5-2.5)	<42.4	<42.4	<42.4	<42.4	<42.4	**89.9**	<42.4
K 10-13 (2.5-3.5)	<40.6	<40.6	<40.6	<40.6	<40.6	**73.3**	<40.6
K 14-17 (0-0.5)	<37.6	<37.6	<37.6	<37.6	<37.6	**632**	<37.6
K 14-17 (0.5-1.5)	<38.8	<38.8	<38.8	<38.8	<38.8	**16800**	<38.8
K 14-17 (1.5-2.5)	<38.9	<38.9	<38.9	<38.9	<38.9	**14700**	<38.9

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
K 14-17 (2.5-3.5)	<39.1	<39.1	<39.1	<39.1	<39.1	**1680**	<39.1
HIJ-7 (0-2)	<36.1	<36.1	<36.1	<36.1	<36.1	**769**	<36.1
HIJ-7 (2-4)	<38.3	<38.3	<38.3	<38.3	<38.3	**158**	<38.3
HIJ-7 (4-6)	<75900	<75900	<75900	<75900	<75900	**97500**	<75900
HIJ-7 (6-7)	<36.3	<36.3	<36.3	<36.3	<36.3	**16000**	<36.3
HIJ-8 (0-2)	<35.6	<35.6	<35.6	<35.6	<35.6	**106000**	<35.6
HIJ-8 (2-4)	<39.3	<39.3	<39.3	<39.3	<39.3	**608000**	<39.3
HIJ-8 (4-6)	<42.0	<42.0	<42.0	<42.0	<42.0	**142000**	<42.0
HIJ-8 (6-8)	<40.2	<40.2	<40.2	<40.2	<40.2	**175000**	<40.2
HIJK-9 (0-0.5)	<34.3	<34.3	<34.3	<34.3	<34.3	**21**	<34.3
HIJK-9 (0.5-1.5)	<38.1	<38.1	<38.1	<38.1	<38.1	**161**	<38.1
HIJK-9 (1.5-2.5)	<37.7	<37.7	<37.7	<37.7	<37.7	**57100**	<37.7
HIJK-9 (2.5-3.5)	<40.6	<40.6	<40.6	<40.6	<40.6	**96400**	<40.6
H-7 (4-6)	<3570	<3570	<3570	<3570	<3570	**27300**	<3570
H-7 (8-10)	<1980	<1980	<1980	<1980	<1980	**11200**	<1980
H-8 (0-2)	<177	<177	<177	<177	<177	**667**	<177
H-8 (2-4)	<19300	<19300	<19300	<19300	<19300	**295000**	<19300
H-8 (4-6)	<19000	<19000	<19000	<19000	<19000	**375000**	<19000
H-8 (6-8)	<20100	<20100	<20100	<20100	<20100	**180000**	<20100
H-8 (8-10)	<4230	<4230	<4230	<4230	<4230	**42400**	<4230
H-9 (1.5-2.5)	<37.2	<37.2	<37.2	<37.2	<37.2	**24.7**	<37.2
I-7 (4-6)	<3820	<3820	<3820	<3820	<3820	**12200**	<3820
I-7 (8-10)	<187	<187	<187	<187	<187	**854**	<187
I-8 (0-2)	<198	<198	<198	<198	<198	**1090**	<198
I-8 (2-4)	<187	<187	<187	<187	<187	**257**	<187
I-8 (4-6)	<20300	<20300	<20300	<20300	<20300	**205000**	<20300
I-8 (6-8)	<20500	<20500	<20500	<20500	<20500	**182000**	<20500
I-8 (8-10)	<3470	<3470	<3470	<3470	<3470	**11600**	<3470
I-9 (1.5-2.5)	<38.2	<38.2	<38.2	<38.2	<38.2	**128000**	<38.2
J-7 (4-6)	<4470	<4470	<4470	<4470	<4470	**16500**	<4470

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
J-7 (8-10)	<37.7	<37.7	<37.7	<37.7	<37.7	**301**	<37.7
J-8 (0-2)	<1920	<1920	<1920	<1920	<1920	**9790**	<1920
J-8 (2-4)	<19700	<19700	<19700	<19700	<19700	**229000**	<19700
J-8 (4-6)	<19800	<19800	<19800	<19800	<19800	**275000**	<19800
J-8 (6-8)	<3580	<3580	<3580	<3580	<3580	**15900**	<3580
J-8 (8-10)	<40.8	<40.8	<40.8	<40.8	<40.8	**263**	<40.8
J-9 (1.5-2.5)	<38.4	<38.4	<38.4	<38.4	<38.4	**27100**	<38.4
K-9 (1.5-2.5)	<39.2	<39.2	<39.2	<39.2	<39.2	**151000**	<39.2
H-9 (2.5-3.5)	<38.6	<38.6	<38.6	<38.6	<38.6	**48900**	<38.6
I-9 (2.5-3.5)	<37.2	<37.2	<37.2	<37.2	<37.2	**179000**	<37.2
J-9 (2.5-3.5)	<39.2	<39.2	<39.2	<39.2	<39.2	**256000**	<39.2
K-9 (2.5-3.5)	<40.9	<40.9	<40.9	<40.9	<40.9	**183000**	<40.9
H-9 (3.5-4.5)	<38.6	<38.6	<38.6	<38.6	<38.6	**21.8**	<38.6
I-9 (3.5-4.5)	<38.7	<38.7	<38.7	<38.7	<38.7	**46.9**	<38.7
J-9 (3.5-4.5)	<38.3	<38.3	<38.3	<38.3	<38.3	**266**	<38.3
K-9 (3.5-4.5)	<37.4	<37.4	<37.4	<37.4	<37.4	**213**	<37.4
K 20-23 (1-2)	<37.0	<37.0	<37.0	<37.0	<37.0	**268**	<37.0
K 20-23 (3-4)	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0
K 20-23 (4-5)	<43.4	<43.4	<43.4	<43.4	<43.4	<43.4	<43.4
K 20-23 (5-6)	<42.0	<42.0	<42.0	<42.0	<42.0	<42.0	<42.0
L10-13 (0-0.5)	<34.6	<34.6	<34.6	<34.6	<34.6	**1460**	<34.6
L10-13 (0.5-1.5)	<37.2	<37.2	<37.2	<37.2	<37.2	**605**	<37.2
L10-13 (1.5-2.5)	<36.6	<36.6	<36.6	<36.6	<36.6	**3990**	<36.6
L10-13 (2.5-3.5)	<39.6	<39.6	<39.6	<39.6	<39.6	**103**	<39.6
L14-17 (0-0.5)	<37.7	<37.7	<37.7	<37.7	<37.7	**9920**	<37.7
L14-17 (0.5-1.5)	<39.6	<39.6	<39.6	<39.6	<39.6	**2900**	<39.6
L14-17 (1.5-2.5)	<38.0	<38.0	<38.0	<38.0	<38.0	**8540**	<38.0
L14-17 (2.5-3.5)	<36.0	<36.0	<36.0	<36.0	<36.0	**2240**	<36.0
L 20-23 (1-2)	<36.5	<36.5	<36.5	<36.5	<36.5	**82.2**	<36.5
L 20-23 (3-4)	<38.7	<38.7	<38.7	<38.7	<38.7	**44.3**	<38.7

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
L 20-23 (4-5)	<40.9	<40.9	<40.9	<40.9	<40.9	<40.9	<40.9
L 20-23 (5-6)	<41.1	<41.1	<41.1	<41.1	<41.1	<41.1	<41.1
K8 L8 M9 (0-2)	<40.4	<40.4	<40.4	<40.4	<40.4	**25**	<40.4
K8 L8 M9 (2-4)	<38.6	<38.6	<38.6	<38.6	<38.6	**79.8**	<38.6
K8 L8 M9 (4-6)	<42.1	<42.1	<42.1	<42.1	<42.1	**59100**	<42.1
K8 L8 M9 (6-8)	<41.9	<41.9	<41.9	<41.9	<41.9	**64300**	<41.9
K-8 (4-6)	<41.1	<41.1	<41.1	<41.1	<41.1	**993**	<41.1
L-8 (4-6)	<37.4	<37.4	<37.4	<37.4	<37.4	**25100**	<37.4
M-9 (4-6)	<42.0	<42.0	<42.0	<42.0	<42.0	**74500**	<42.0
K-8 (6-8)	<41.5	<41.5	<41.5	<41.5	<41.5	**139000**	<41.5
L-8 (6-8)	<39.2	<39.2	<39.2	<39.2	<39.2	**62600**	<39.2
M-9 (6-8)	<42.4	<42.4	<42.4	<42.4	<42.4	**963**	<42.4
K-8 (8-10)	<44.7	<44.7	<44.7	<44.7	<44.7	**12500**	<44.7
L-8 (8-10)	<42.9	<42.9	<42.9	<42.9	<42.9	**6440**	<42.9
M-9 (8-10)	<41.2	<41.2	<41.2	<41.2	<41.2	**341**	<41.2
M10-13 (0-0.5)	<37.8	<37.8	<37.8	<37.8	<37.8	**129**	<37.8
M10-13 (0.5-1.5)	<39.2	<39.2	<39.2	<39.2	<39.2	**929**	<39.2
M10-13 (1.5-2.5)	<39.9	<39.9	<39.9	<39.9	<39.9	**2060**	<39.9
M10-13 (2.5-3.5)	<43.9	<43.9	<43.9	<43.9	<43.9	**152**	<43.9
M14-17 (0-0.5)	<37.5	<37.5	<37.5	<37.5	<37.5	**8220**	<37.5
M14-17 (0.5-1.5)	<39.0	<39.0	<39.0	<39.0	<39.0	**20100**	<39.0
M14-17 (1.5-2.5)	<40.5	<40.5	<40.5	<40.5	<40.5	**14100**	<40.5
M14-17 (2.5-3.5)	<37.9	<37.9	<37.9	<37.9	<37.9	**3630**	<37.9
M 20 (1-2)	<42.3	<42.3	<42.3	<42.3	<42.3	**204**	<42.3
M 21 (1-2)	<41.8	<41.8	<41.8	<41.8	<41.8	**361**	<41.8
M 22 (1-2)	<45.1	<45.1	<45.1	<45.1	<45.1	**294**	<45.1
M 23 (1-2)	<46.6	<46.6	<46.6	<46.6	<46.6	**3020**	<46.6
M 20-23 (1-2)	<43.2	<43.2	<43.2	<43.2	<43.2	**1520**	<43.2
M 20-23 (3-4)	<39.9	<39.9	<39.9	<39.9	<39.9	**37.2**	<39.9
M 20-23 (4-5)	<44.5	<44.5	<44.5	<44.5	<44.5	<44.5	<44.5

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
M 20-23 (5-6)	<43.6	<43.6	<43.6	<43.6	<43.6	<43.6	<43.6
N10-13 (0-0.5)	<36.1	<36.1	<36.1	<36.1	<36.1	**485**	<36.1
N10-13 (0.5-1.5)	<38.3	<38.3	<38.3	<38.3	<38.3	**365**	<38.3
N10-13 (1.5-2.5)	<38.9	<38.9	<38.9	<38.9	<38.9	**550**	<38.9
N10-13 (2.5-3.5)	<38.4	<38.4	<38.4	<38.4	<38.4	**1680**	<38.4
N-14 (1.5-2.5)	<2110	<2110	<2110	<2110	<2110	**13300**	<2110
N-15 (1.5-2.5)	<37400	<37400	<37400	<37400	<37400	**340000**	<37400
N-16 (1.5-2.5)	<37.7	<37.7	<37.7	<37.7	<37.7	**267**	<37.7
N-17 (1.5-2.5)	<40.1	<40.1	<40.1	<40.1	<40.1	**2780**	<40.1
N14-17 (0-0.5)	<36.0	<36.0	<36.0	<36.0	<36.0	**3340**	<36.0
N14-17 (0.5-1.5)	<40.6	<40.6	<40.6	<40.6	<40.6	**5080**	<40.6
N14-17 (1.5-2.5)	<40.0	<40.0	<40.0	<40.0	<40.0	**53300**	<40.0
N14-17 (2.5-3.5)	<40.9	<40.9	<40.9	<40.9	<40.9	**2130**	<40.9
N 20 (1-2)	<42.9	<42.9	<42.9	<42.9	<42.9	**24.1**	<42.9
N 21 (1-2)	<40.4	<40.4	<40.4	<40.4	<40.4	**288**	<40.4
N 22 (1-2)	<38.5	<38.5	<38.5	<38.5	<38.5	**311**	<38.5
N 23 (1-2)	<41.3	<41.3	<41.3	<41.3	<41.3	**147**	<41.3
N 20-23 (1-2)	<40.2	<40.2	<40.2	<40.2	<40.2	**1280**	<40.2
N 20-23 (3-4)	<33.5	<33.5	<33.5	<33.5	<33.5	**396**	<33.5
N 20-23 (4-5)	<41.3	<41.3	<41.3	<41.3	<41.3	<41.3	<41.3
N 20-23 (5-6)	<42.0	<42.0	<42.0	<42.0	<42.0	<42.0	<42.0
LMNO-18 (0-0.5)	<36.1	<36.1	<36.1	<36.1	<36.1	**628**	<36.1
LMNO-18 (0.5-1.5)	<40.0	<40.0	<40.0	<40.0	<40.0	**9450**	<40.0
LMNO-18 (1.5-2.5)	<41.5	<41.5	<41.5	<41.5	<41.5	**8880**	<41.5
LMNO-18 (2.5-3.5)	<41.6	<41.6	<41.6	<41.6	<41.6	**35.1**	<41.6
LNO-19 (0-2)	<40.1	<40.1	<40.1	<40.1	<40.1	**2560**	<40.1
L-18 (0-0.5)	<173	<173	<173	<173	<173	**544**	<173
L-19 (0-2)	<185	<185	<185	<185	<185	**1670**	<185
N-19 (0-2)	<786	<786	<786	<786	<786	**4820**	<786
O-19 (0-2)	<211	<211	<211	<211	<211	**504**	<211

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
LNO-19 (2-4)	<42.4	<42.4	<42.4	<42.4	<42.4	**139**	<42.4
LNO-19 (4-6)	<33.0	<33.0	<33.0	<33.0	<33.0	<33.0	<33.0
LO-19 (6-8)	<42.4	<42.4	<42.4	<42.4	<42.4	<42.4	<42.4
O 11-13 (0-0.5)	<39.2	<39.2	<39.2	<39.2	<39.2	**289**	<39.2
O 11-13 (0.5-1.5)	<41.9	<41.9	<41.9	<41.9	<41.9	**130**	<41.9
O 11-13 (1.5-2.5)	<38.4	<38.4	<38.4	<38.4	<38.4	**350**	<38.4
O 11-13 (2.5-3.5)	<41.4	<41.4	<41.4	<41.4	<41.4	**247**	<41.4
O-14 (0.5-1.5)	<35.1	<35.1	<35.1	<35.1	<35.1	**69.1**	<35.1
O-15 (0.5-1.5)	<39.4	<39.4	<39.4	<39.4	<39.4	**1070**	<39.4
O-16 (0.5-1.5)	<39.1	<39.1	<39.1	<39.1	<39.1	**4100**	<39.1
O-17 (0.5-1.5)	<46.9	<46.9	<46.9	<46.9	<46.9	**2560**	<46.9
O-14 (1.5-2.5)	<811	<811	<811	<811	<811	**5280**	<811
O-15 (1.5-2.5)	<8670	<8670	<8670	<8670	<8670	**39400**	<8670
O-16 (1.5-2.5)	<45.4	<45.4	<45.4	<45.4	<45.4	**169**	<45.4
O-17 (1.5-2.5)	<831	<831	<831	<831	<831	**4580**	<831
O 14-17 (0-0.5)	<39.3	<39.3	<39.3	<39.3	<39.3	**219**	<39.3
O 14-17 (0.5-1.5)	<39.0	<39.0	<39.0	<39.0	<39.0	**1070**	<39.0
O 14-17 (1.5-2.5)	<41.9	<41.9	<41.9	<41.9	<41.9	**61300**	<41.9
O 14-17 (2.5-3.5)	<40.0	<40.0	<40.0	<40.0	<40.0	**1990**	<40.0
O 20-23 (1-2)	<41.7	<41.7	<41.7	<41.7	<41.7	**630**	<41.7
O 20-23 (3-4)	<42.9	<42.9	<42.9	<42.9	<42.9	**26.3**	<42.9
O 20-23 (4-5)	<40.9	<40.9	<40.9	<40.9	<40.9	**26.4**	<40.9
O 20-23 (5-6)	<40.1	<40.1	<40.1	<40.1	<40.1	<40.1	<40.1
O10 P11 Q13 (0-2)	<41.8	<41.8	<41.8	<41.8	<41.8	**68.7**	<41.8
O10 P11 Q13 (2-4)	<40.7	<40.7	<40.7	<40.7	<40.7	<40.7	<40.7
O10 P11 Q13 (4-6)	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0	<41.0
O10 P11 Q13 (6-8)	<39.0	<39.0	<39.0	<39.0	<39.0	<39.0	<39.0
P 13-16 (0-0.5)	<36.0	<36.0	<36.0	<36.0	<36.0	**31900**	<36.0
P 13-16 (0.5-1.5)	<40.0	<40.0	<40.0	<40.0	<40.0	**511**	<40.0
P 13-16 (1.5-2.5)	<40.3	<40.3	<40.3	<40.3	<40.3	**6460**	<40.3

Table 3. Soil Sample Analytical Results: PCBs

Sample #	PCB-1016 (µg/kg)	PCB-1221 (µg/kg)	PCB-1232 (µg/kg)	PCB-1242 (µg/kg)	PCB-1248 (µg/kg)	PCB-1254 (µg/kg)	PCB-1260 (µg/kg)
P 13-16 (2.5-3.5)	<38.7	<38.7	<38.7	<38.7	<38.7	**3340**	<38.7
P18-19 Q20 (0-0.5)	<42.8	<42.8	<42.8	<42.8	<42.8	**2490**	<42.8
P18-19 Q20 (0.5-1.5)	<38.8	<38.8	<38.8	<38.8	<38.8	**419**	<38.8
P18-19 Q20 (1.5-2.5)	<39.9	<39.9	<39.9	<39.9	<39.9	**542**	<39.9
P18-19 Q20 (2.5-3.5)	<38.4	<38.4	<38.4	<38.4	<38.4	<38.4	<38.4
Q16-18 P17 (0-0.5)	<34.0	<34.0	<34.0	<34.0	<34.0	**382**	<34.0
Q16-18 P17 (0.5-1.5)	<40.1	<40.1	<40.1	<40.1	<40.1	**3520**	<40.1
Q16-18 P17 (1.5-2.5)	<40.3	<40.3	<40.3	<40.3	<40.3	**928**	<40.3
Q16-18 P17 (2.5-3.5)	<40.4	<40.4	<40.4	<40.4	<40.4	**139**	<40.4
R16 R19 (0-2)	<40.3	<40.3	<40.3	<40.3	<40.3	**57.1**	<40.3
R16 R19 (2-4)	<38.8	<38.8	<38.8	<38.8	<38.8	**297**	<38.8
R16 R19 (4-6)	<42.6	<42.6	<42.6	<42.6	<42.6	<42.6	<42.6
R16 R19 (6-8)	<43.3	<43.3	<43.3	<43.3	<43.3	**43.5**	<43.3

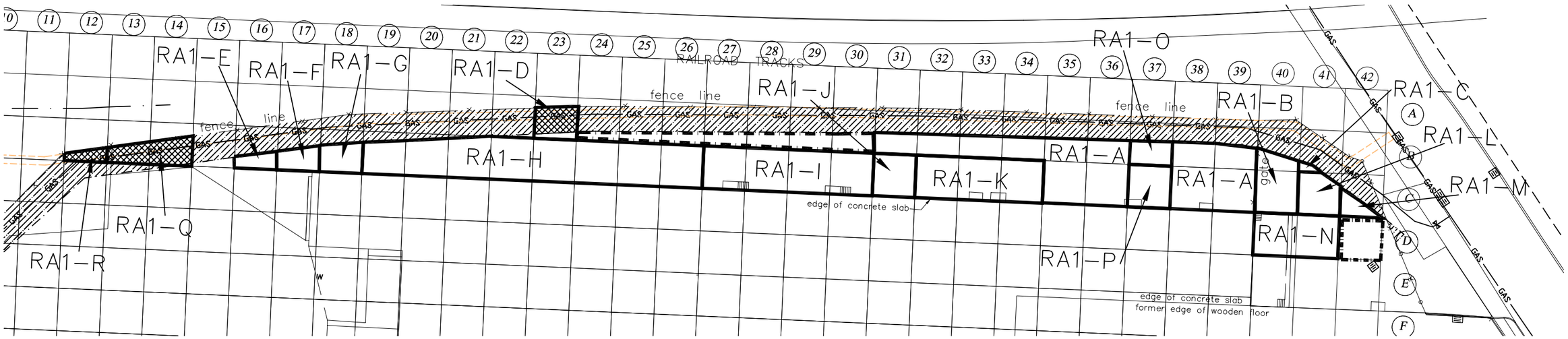
Notes:

1. Sample designations per Figure 4.
2. Sample nodes that have been composited are noted as such (e.g., 1-9)
3. Sample depth (i.e., 1-2') represents depth of sample in feet below ground surface.

BOLD values indicate constituent detections.

Appendix E

Proposed Step 2 Remedial Action PCB Removal Plans



NOTES:

1. All dimensions are approximate & subject to field verification by Owner's Consultant.
2. Characterization and disposal may be modified by Owner's Consultant based on observation and testing during work.
3. Soil removal conducted within the limits of the gas line offset should be coordinated with Piedmont Gas.

Area	Removal	
	Depth (feet)	Characterization
RA1-A	0-2	Non-TSCA
RA1-B	0-3	Non-TSCA
RA1-C	0-2	Non-TSCA
RA1-D	0-1	Non-TSCA
RA1-E	0-2	Non-TSCA
	2-3	TSCA
	3-5	Non-TSCA
RA1-F	0-5	Non-TSCA
RA1-G	0-2	Non-TSCA
	2-3	TSCA
	3-5	Non-TSCA
RA1-H	0-3	Non-TSCA

Area	Removal	
	Depth (feet)	Characterization
RA1-I	0-3	Non-TSCA
	3-4	TSCA
	4-5	Non-TSCA
RA1-J	0-3	TSCA
	3-4	Non-TSCA
RA1-K	0-1	TSCA
	2-4	Non-TSCA
RA1-L	0-1	TSCA
RA1-M	0-3	Non-TSCA
RA1-N	0-1	TSCA
	1-4	Non-TSCA
RA1-O	0-4	TSCA
	4-6	Non-TSCA
RA1-P	0-1	TSCA
	1-4	Non-TSCA
RA1-Q	0-3	Non-TSCA
	3-7	Pending
RA1-R	0-7	Pending

LEGEND

NO REMOVAL (BELOW TEST LIMITS)

NO REMOVAL (GAS LINE OFFSET)

REMOVAL WITH PIEDMONT GAS COORDINATION

TSCA – Represents soil and other media for removal & offsite disposal in a TSCA permitted solid waste landfill

NON–TSCA – Representss soil and other media for removal & offsite disposal in an EPA Subtitle D municipal soil waste landfill

SCALE (FEET)

0 30 60 120 200

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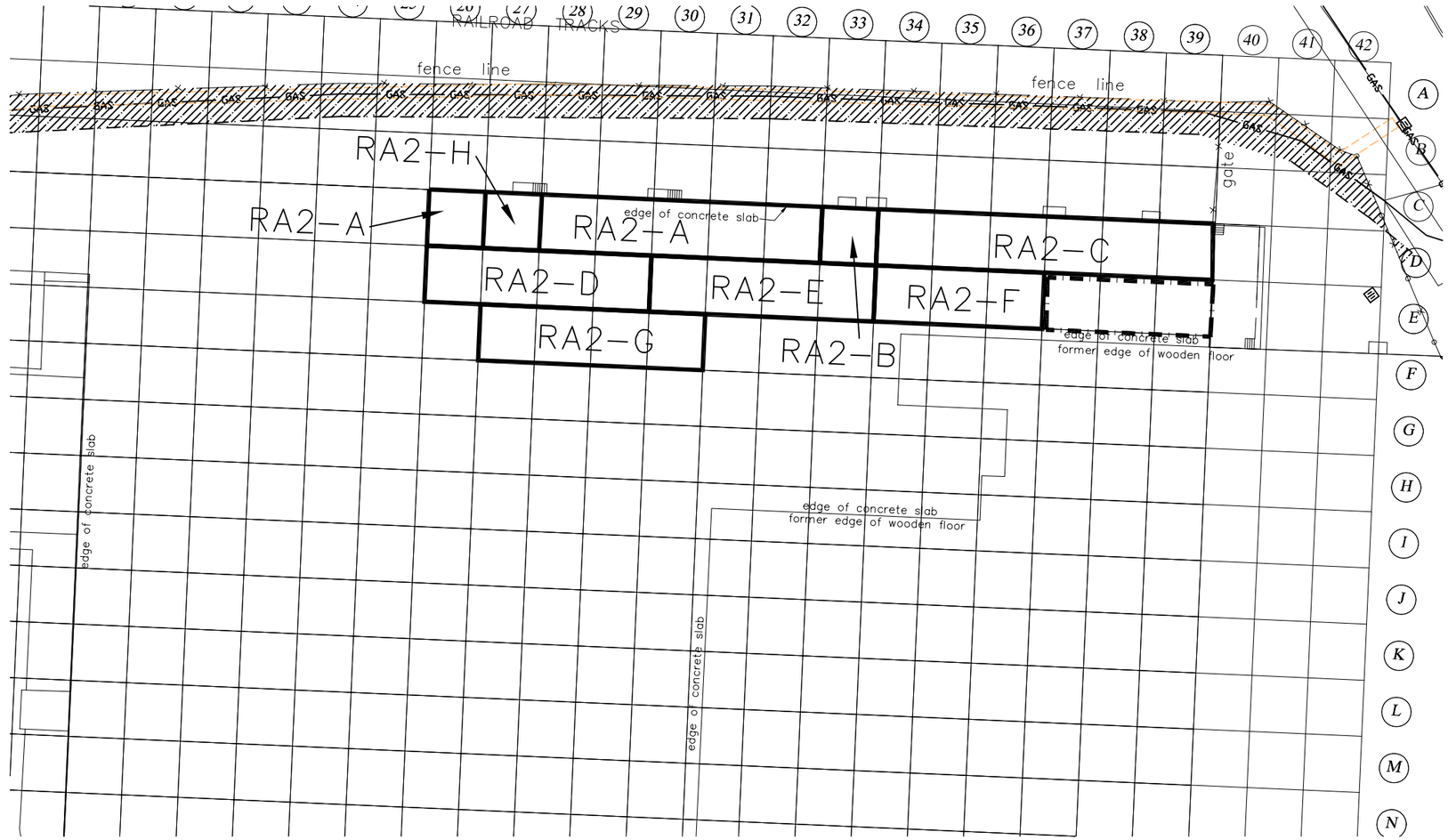
DRAWING #R–11

PCB SOIL REMOVAL
SUB–AREA #1

REMEDIAL ACTION PLAN – STEP TWO
FORMER COPES–VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

Area	Removal	
	Depth (feet)	Characterization
RA2-A	0-2.5	Non-TSCA
	2.5-4.5	TSCA
	4.5-5.5	Non-TSCA
RA2-B	0-4.5	TSCA
	4.5-5.5	Non-TSCA
RA2-C	0-2.5	Non-TSCA
	2.5-4.5	TSCA
	4.5-5.5	Non-TSCA
RA2-D	0-2.5	Non-TSCA
	2.5-5.5	TSCA
	5.5-6.5	Non-TSCA
RA2-E	0-4.5	Non-TSCA
	4.5-5.5	TSCA
	5.5-6.5	Non-TSCA
RA2-F	0-5.5	Non-TSCA
RA2-G	0-6.5	Non-TSCA
RA2-H	0-2.5	Non-TSCA
	2.5-4.5	TSCA
	4.5-5.5	Non-TSCA
	5.5-8	Pending



LEGEND

NO REMOVAL (BELOW TEST LIMITS)

NO REMOVAL (GAS LINE OFFSET)

TSCA – Represents soil and other media for removal & offsite disposal in a TSCA permitted solid waste landfill

NON-TSCA – Representss soil and other media for removal & offsite disposal in an EPA Subtitle D municipal soil waste landfill

NOTES:

1. All dimensions are approximate & subject to field verification by Owner's Consultant.
2. Characterization and disposal may be modified by Owner's Consultant based on observation and testing during work.

SCALE (FEET)

0 30 60 120 200

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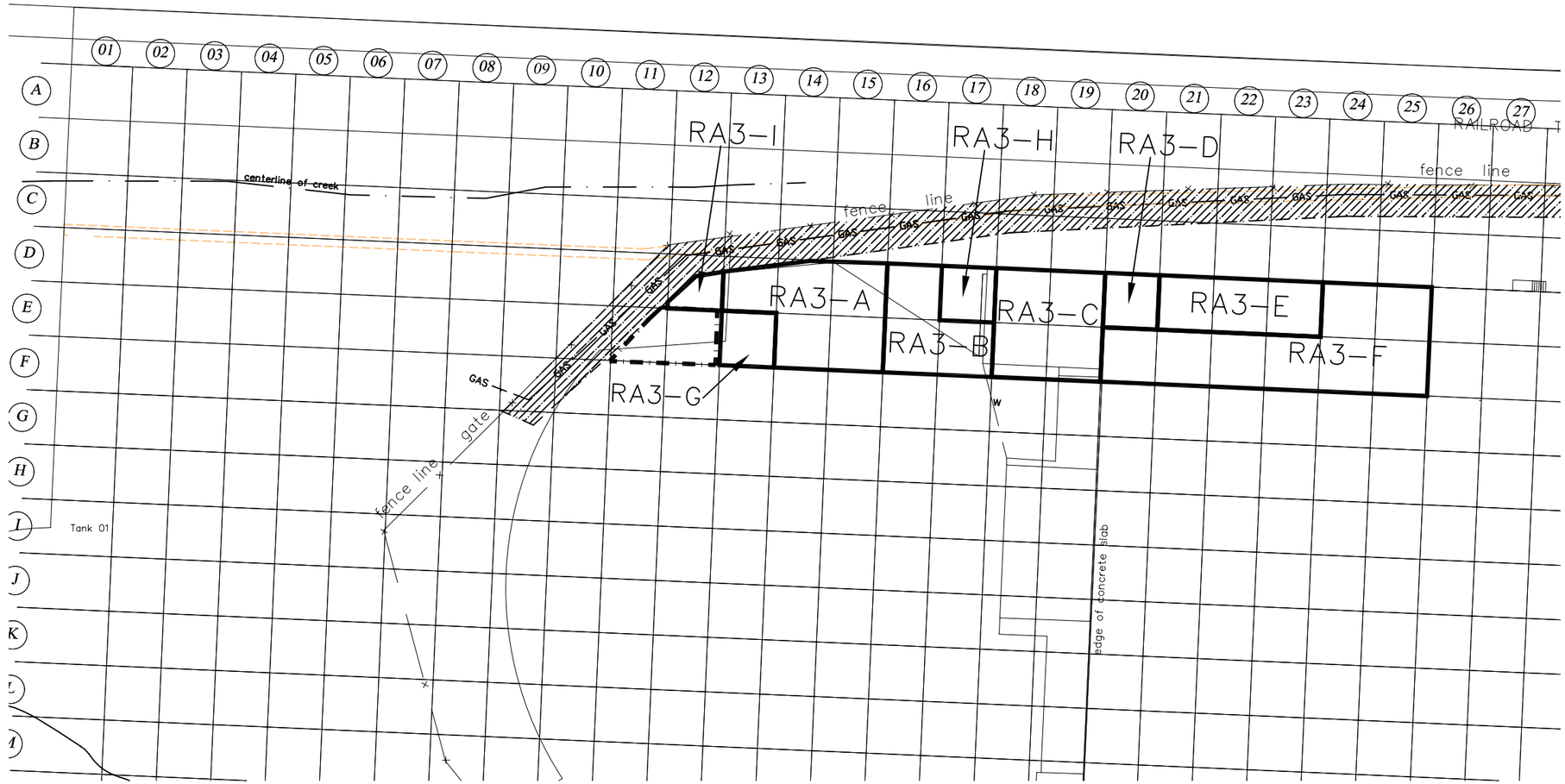
DRAWING #R-12

PCB SOIL REMOVAL
SUB-AREA #2

REMEDIAL ACTION PLAN – STEP TWO
FORMER COPES-VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

Area	Removal	
	Depth (feet)	Characterization
RA3-A	0-4	Non-TSCA
RA3-B	0-5	Non-TSCA
RA3-C	0-6	Non-TSCA
RA3-D	0-2.5	Non-TSCA
	2.5-4	TSCA
	4-8	Pending
RA3-E	0-6.5	Non-TSCA
RA3-F	0-9.5	Non-TSCA
RA3-G	0-2	Non-TSCA
RA3-H	0-5	Non-TSCA
	5-8	Pending
RA3-I	0-8	Pending



NOTES:

1. All dimensions are approximate & subject to field verification by Owner's Consultant.
2. Characterization and disposal may be modified by Owner's Consultant based on observation and testing during work.

LEGEND

NO REMOVAL (BELOW TEST LIMITS)

NO REMOVAL (GAS LINE OFFSET)

TSCA – Represents soil and other media for removal & offsite disposal in a TSCA permitted solid waste landfill

NON–TSCA – Representss soil and other media for removal & offsite disposal in an EPA Subtitle D municipal soil waste landfill

SCALE (FEET)

0 30 60 120 200

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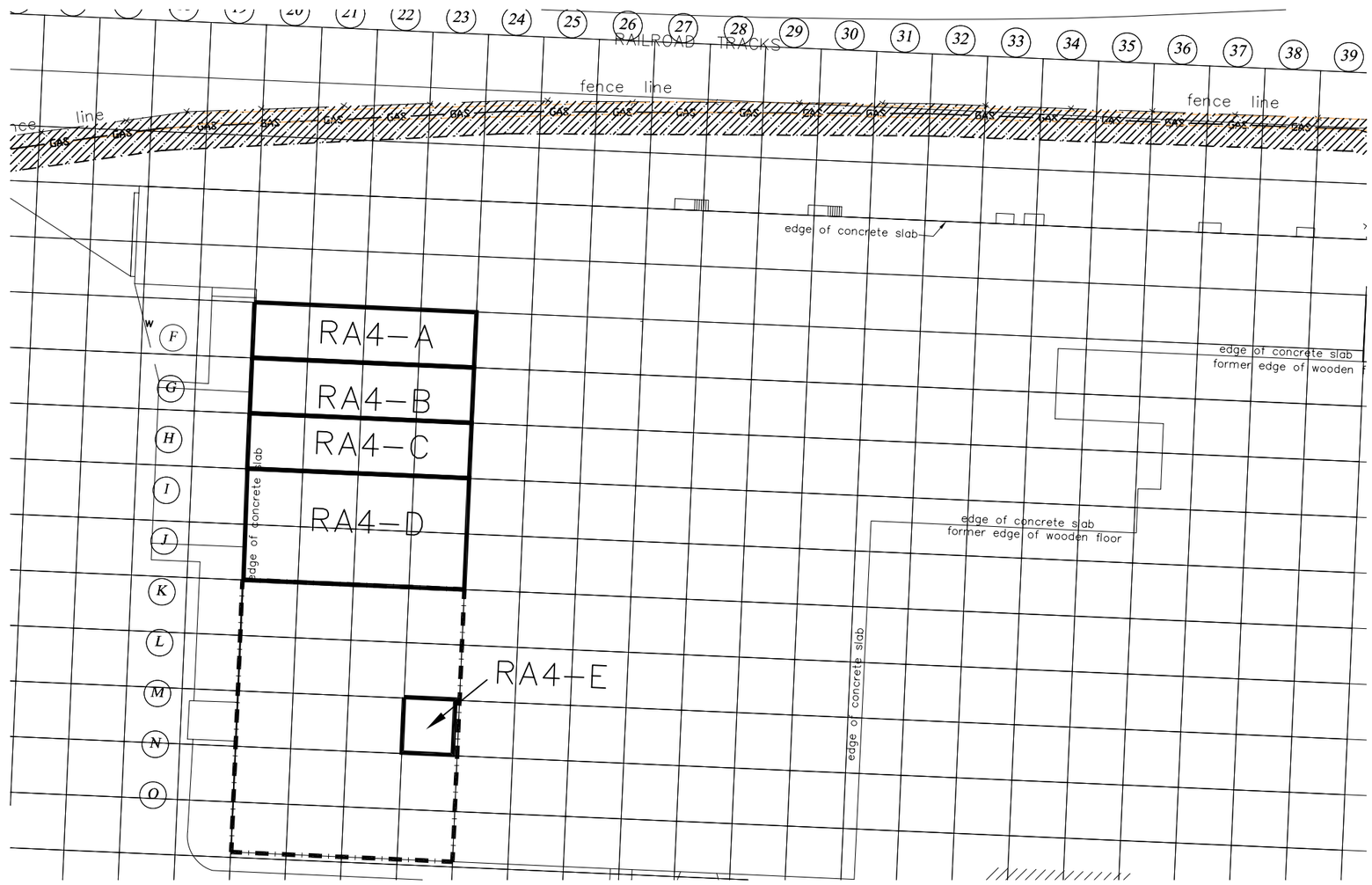
DRAWING #R–13

PCB SOIL REMOVAL
SUB–AREA #3

REMEDIAL ACTION PLAN – STEP TWO
FORMER COPES–VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

Area	Removal	
	Depth (feet)	Characterization
RA4-A	0-5	Non-TSCA
RA4-B	0-3	Non-TSCA
RA4-C	0-6	Non-TSCA
RA4-D	0-3	Non-TSCA
RA4-E	0-3	Non-TSCA



LEGEND

NO REMOVAL (BELOW TEST LIMITS)

NO REMOVAL (GAS LINE OFFSET)

TSCA – Represents soil and other media for removal & offsite disposal in a TSCA permitted solid waste landfill

NON–TSCA – Representss soil and other media for removal & offsite disposal in an EPA Subtitle D municipal soil waste landfill

SCALE (FEET)

0 30 60 120 200

NOTES:

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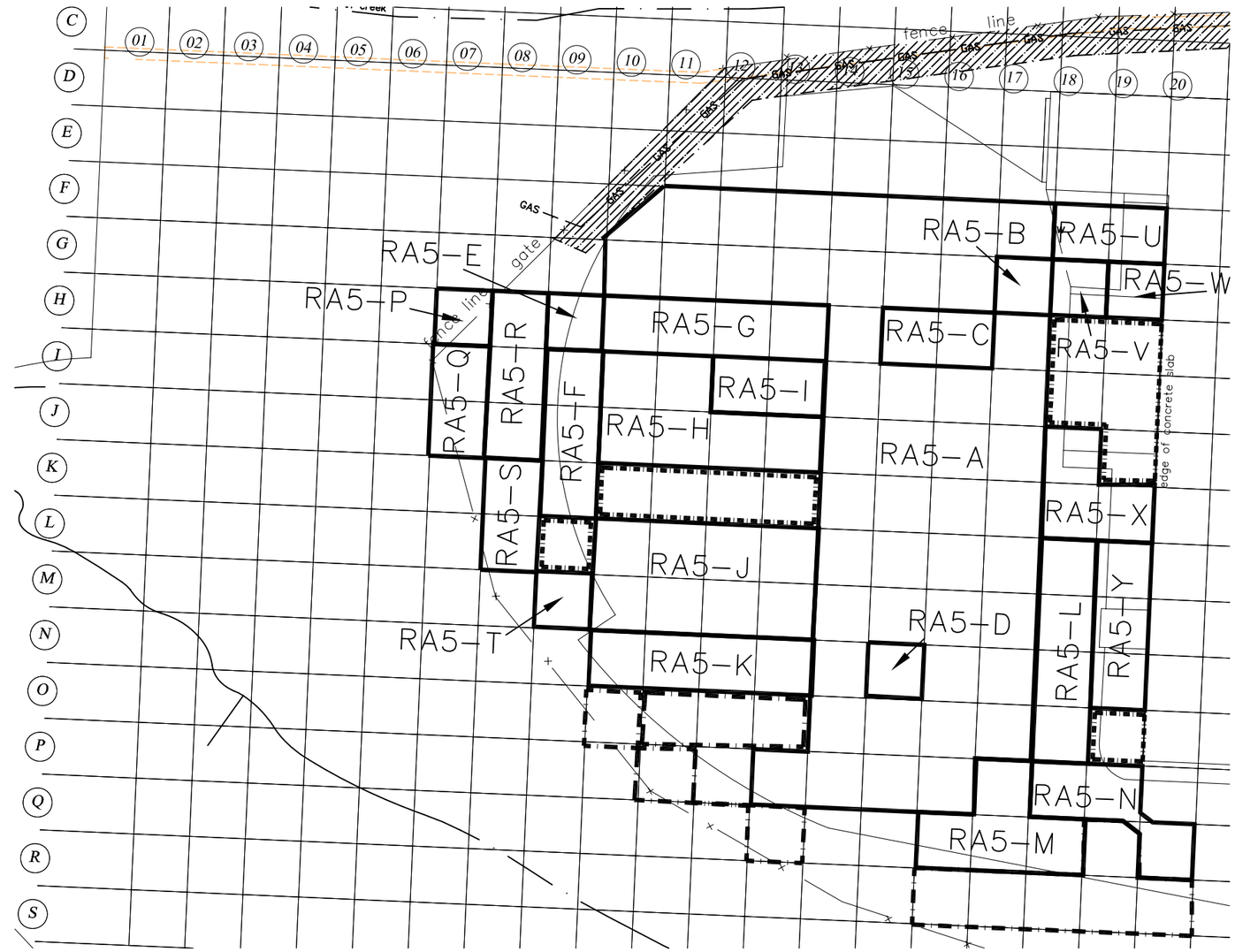
DRAWING #R–14

PCB SOIL REMOVAL
SUB–AREA #4

REMEDIAL ACTION PLAN – STEP TWO
FORMER COPES–VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC

Area	Removal	
	Depth (feet)	Characterization
RA5-A	0-3.5	Non-TSCA
RA5-B	0-0.5	Non-TSCA
	0.5-1.5	TSCA
	1.5-3.5	Non-TSCA
RA5-C	0-0.5	Non-TSCA
	0.5-1.5	TSCA
	1.5-3.5	Non-TSCA
RA5-D	0-1.5	Non-TSCA
	1.5-2.5	TSCA
	2.5-3.5	Non-TSCA
RA5-E	0-3.5	Non-TSCA
RA5-F	0-1.5	Non-TSCA
	1.5-3.5	TSCA
RA5-G	0-2.5	Non-TSCA
RA5-H	0-1.5	Non-TSCA
RA5-I	0-0.5	Non-TSCA
	0.5-1.5	TSCA
	1.5-13	Pending
RA5-J	0-2.5	Non-TSCA
RA5-K	0-2.5	Stockpile for fill
	2.5-3.5	Non-TSCA
RA5-L	0-2.5	Non-TSCA
RA5-M	0-1.5	Non-TSCA
RA5-N	0-0.5	Non-TSCA

Non-Paved Areas		
Area	Removal	
	Depth (feet)	Characterization
RA5-P	0-4	Stockpile/Non-TSCA
	4-10	Non-TSCA
RA5-Q	0-4	Stockpile/Non-TSCA
	4-8	Non-TSCA
RA5-R	0-2	Non-TSCA
	2-8	TSCA
	8-10	Non-TSCA
RA5-S	0-6	Non-TSCA
	6-8	TSCA
	8-10	Non-TSCA
RA5-T	0-4	Non-TSCA
	4-6	TSCA
RA5-U	0-2	TSCA
RA5-V	0-2	Non-TSCA
	2-4	TSCA
RA5-W	0-2	Non-TSCA
RA5-X	0-2	Non-TSCA
RA5-Y	0-2	Non-TSCA



LEGEND

NO REMOVAL (BELOW TEST LIMITS)

NO REMOVAL (GAS LINE OFFSET)

TSCA – Represents soil and other media for removal & offsite disposal in a TSCA permitted solid waste landfill

NON–TSCA – Representss soil and other media for removal & offsite disposal in an EPA Subtitle D municipal soil waste landfill

SCALE (FEET)

0 30 60 120 200

NOTES:

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DRAWING #R–15

PCB SOIL REMOVAL
SUB–AREA #5

REMEDIAL ACTION PLAN – STEP TWO
FORMER COPES–VULCAN FACILITY
601 WEST SUMMIT AVENUE
CHARLOTTE, NC